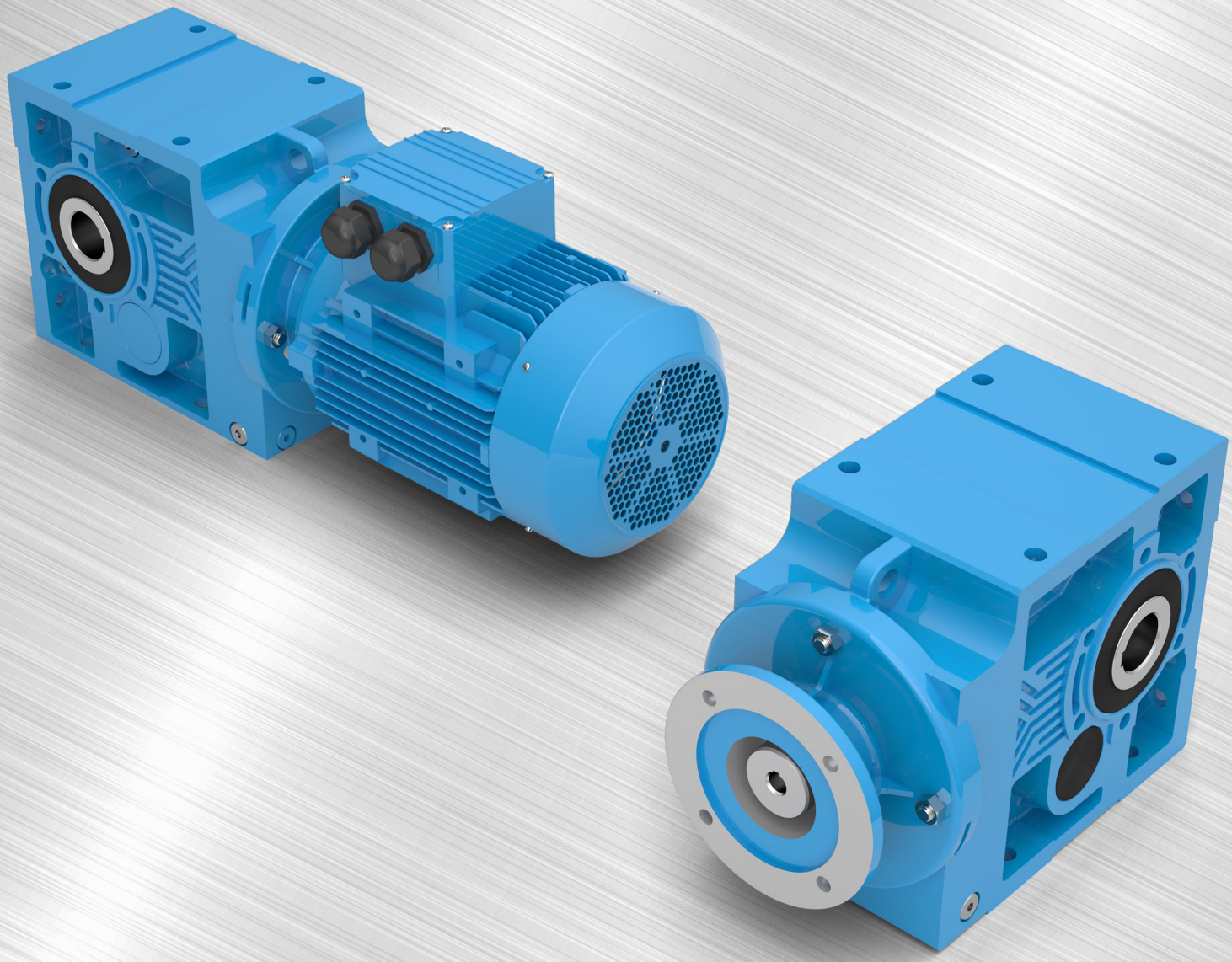
DANA BREVINI® Motion Systems

DC3A1A1_0000000
01 2022

Product Catalog

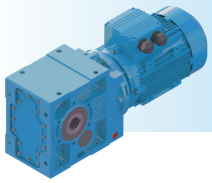
Brevini® Gearmotors
K Series

Torques from 80 Nm to 15.000 Nm

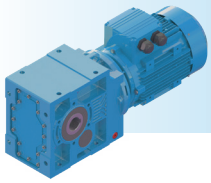


Bevel - Helical Gearboxes

Helical bevel gear units, their input and output shafts are perpendicular to each other. They can be mounted to machine by foot, flange or torque arm.

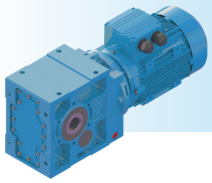


	Pag.
Key of Symbols	03
Production Range	04
General Specifications	05
Technical Explanations	06
Accessories	06
Surface Protection	07
Unit Designation	08
Example Designations	11
Geomet. Possible Combinations of Ratios According to Motor Size	12
Service Factor	14
Load Classification	15
Direction of Rotation	16
Radial Loads	17
Calculation Of Radial Loads	18
Axial Loads	20
Equivalent Power Calculation	22
Equivalent Power Cal. Example	23
Gearbox Selection	24
Gearbox Selection Form	25
Lubrication	26
Expansion Tank	26
Oil Types	27
Mounting Positions	28
2 - 3 Stage Oil Level Plugs and Oil Quantities	29
3 Stage Oil Level Plugs and Oil Quantities	30
4 Stage Oil Level Plugs and Oil Quantities	31
5 - 6 Stage Oil Level Plugs and Oil Quantities	32
AC Motors	33
General Specifications	33
Modes of Operation	34
Protection Class	35
Insulation Class	35
Efficiency Classes	35
AC Frequency Inverters	36

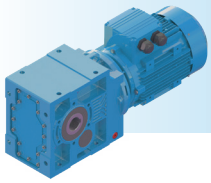


INDEX

	Pag.
DC Motors	37
General Specifications	37
Operating principals	37
Types	37
Speed Control	37
Electromagnetic Brakes	38
Types	38
Working Voltages	38
Connection Types	39
Selection	40
Thermal Capacity	41
Performance Tables	43
KR/KN/KV	43
KT	87
Dimension Pages	97
KR series	97
KN series	214
KV series	330
KT series	446
K... Extruder Type Gearboxes	562
Advices Shaft Dimensions and Accessories Assembling	567
Hollow Shaft Dimensions	568
Hollow Shaft with Shrink Disk Connector	569
Torque Arm Assembly Details	570
Optional Torque Arm Assembly Details	572
Dimensions of Splined Hollow Shaft to DIN 5480	573
Optional Output Flange Dimensions	574
Drywell Gearboxes with Hollow Shaft Dimensions	575
Drywell Gearboxes with Solid Shaft Dimensions	576
Drywell Gearboxes with Shrink Shaft Dimensions	577
Electric Motors Ratings and Performance	579



c_t	: Coefficient of switch on time.	
f_s	: Service factor	
F_{ama}	: Permissible axial loads which can be applied to output shafts	[kN]
F_{ame}	: Permissible axial loads which can be applied to input shafts	[kN]
F_{qam}	: Permissible radial loads which can be applied to output shafts	[N]
F_{qem}	: Permissible radial loads which can be applied to input shafts	[N]
F_{qa}	: Radial loads applied to the output shaft	[N]
F_{qe}	: Radial loads applied to the input shafts	[N]
F_q	: Radial loads on output shaft	[N]
F_a	: Axial loads on output shaft	[N]
i	: Transmission ratio	
J_{ext}	: The total inertia of rotating parts at outside reduced at the motor shaft	[kgm^2]
M_2	: Output torque	[Nm]
M_a	: Nominal torque	[Nm]
n_1	: Input speed of gearbox	[rpm]
n_2	: Output speed of gearbox	[rpm]
P_e	: Equivalent power	[kW]
P_N	: Nominal power (given on performance tables)	[kW]
P_M	: Power consumption of the driven machine (for alternating power, refer to equivalent power)	[kW]
P_g	: Electric Motor Power	[kW]
t	: Time	[s]
T_e	: Equivalent torque	[Nm]

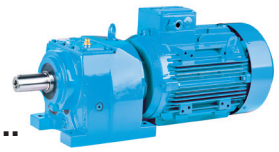


GENERAL INFORMATIONS

Production Range

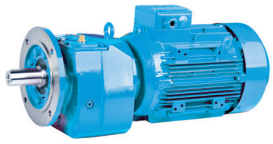
This catalogue is containing **K series** of gearboxes only.

- M and N Series
M and N series of Dana are helical geared. The input and output shafts are parallel to each other and on the same plane.
The gearbox can be connected to the machine by using the foot or flange on the gearbox. Has solid output shaft.



M ...

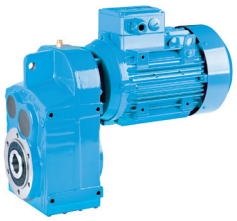
13 different sizes:
Torque range: 50 - 18.000 Nm
Speed range: 0,1 - 500 rpm



N ...

13 different sizes:
Torque range: 50 - 18.000 Nm
Speed range: 0,1 - 500 rpm

- D Series
D series are helical geared gearboxes with parallel input and output shafts. The shafts have a distance in between and located on the same plane. The gearbox can be assembled to the machine by using the foot, the connection screws on the sides, flange or torque arm on the gearbox.
Can have hollow or solid output shaft.



D...

11 different sizes:
Torque range: 150 - 18.000 Nm
Speed range: 0,1 - 350 rpm

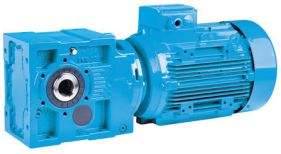
- E Series
E series gearboxes are with worm and wormwheel. The input and output shafts are perpendicular to each other and have a distance in between. It can be assembled to the driven machine by the use of the foot, flange or torque arm on the gearbox.
Can have hollow or solid output shaft.



E ...

8 different sizes:
Torque range: 5 - 1.000 Nm
Speed range: 0,1 - 400 rpm

- K Series
These are gearboxes with helical and bevel gears. The input and output shafts are perpendicular to each other and have a distance in between. It can be assembled to the driven machine using the foot, flange or torque arm on the gearbox.
They have high efficiency compared to E series. Can have hollow or solid output shaft.



K ...

12 different sizes:
Torque range: 200 - 20.000 Nm
Speed range: 0,1 - 400 rpm

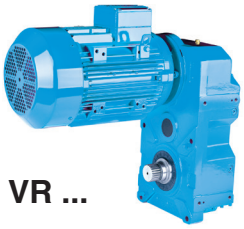
- T Series
T Series are gear units which are helical geared, two staged, hollow shaft mounted gear units and manufactured according to monoblock principal.
T Series gearboxes have hollow shaft and compact housing so that T series can be mounted on smaller places.



T ...

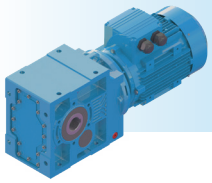
10 different sizes:
Torque range: 200-18.000 Nm
Speed range: 46-280 rpm

- VR Serie
VR hoist drives are produced according to M1 - M8 (1Dm - 5m) load classification.



VR ...

VR Hoist Drive Units
M1 - M8 ,(1Dm - 5m) load classification
ISO 4301 / 1 ,(FEM 1.001 / III)



General Specifications

K Series gearboxes are helical-bevel geared monoblock housing gearboxes. K Series are designed for higher efficiency and higher strenght required operations. Input and output shafts are perpendicular to each other.

K Series gearboxes have advantages of E Series mounting options, monoblock housing and higher efficiency advantages of M series with higher torque capabilities. K Series have flexible connection posibilities which is IEC B5 or B14 connection, directly mounted or solid input shaft options .

Small sizes of K series gearboxes can be 2 and 3 stages. Bigger sizes are manufactured only 3 stages in monoblock housing. K series supplied for high reduction operations up to 6 stages by using double housings.

As we are Dana, our design principals are;
-Using high technology
-Reliability
-High power density
-High efficiency
-Mounting compatible
-Flexible solutions

Attention to the following points !

- Drawings are examples only and the details on the drawings or illustrations are not strictly binding.

- Dana reserve the right to make all kinds of changes in products and cataloques without any notice.

- Prior to commissioning, the operating instructions provided with the gearbox must be observed.

- Oil quantities given are guide values only. The exact quantity of oil should be checked by using the provided oil level plugs according mounting positions. For correct oil viscosity refer to the nameplate.

- If the mounting position is not informed upon ordering, the gear unit is delivered according **M1** mounting position. A different operation then the indicated mounting position on the name plate cancels the warranty. The weights given in this catalogue are mean values. Depending on the ratio and accessories the weights can differ.

Technical Explanations

- Output Torque: M_2 [Nm]
Multiplication of motor output torque with transmission ratio and efficiency gives the result of output torque at the output shaft of the gear unit.

- Nominal Torque: M_a [Nm]
Nominal torque is the mechanical torque which the gearbox can resist under f_s=1 conditions.

- Nominal Power: P_e [kW]
The nominal power is the power which gearbox can mechanically resist under f_s=1 condition. The nominal powers are given on the performance tables.

- Ratio: i
Ratio between output shaft speed and input shaft speed. Available ratios of Dana K series are between 3,5 to 23500.

- Equivalent Power and Torque: P_{eq} [kW], T_e [Nm]
For gearbox unit with constant speed but variable working conditions.
This is the calculated power or torque which is equivalent to the values at working under constant working conditions.

- Required Power : P_M [kW]
Required power for the applications which is able to drive the system.

- Required Torque : T [Nm]
Required torque for applications. Required torque always must be equal or smaller than output torque for selected gearbox.

- Permissible Axial and Radial Loads: F_{qem} [N], F_{qam} [N]
Permissible axial and radial load at the output or input shaft of gearboxes.

- Service Factor: f_s
Service factor is a safety coefficient, which takes into account the different running conditions of the driven machine. f_s=1 is used for uniform loads 8 hours working per day and up to 100 cycle per hour.

- Noise Level:
The noise level of our gearboxes is below the permitted values defined in VDI guidelines 2159 for gear units.

- Coating and Corrosion Protection:
The gearboxes are painted with RAL 5012 according DIN1843.
Different colors are avaliable upon request. Paintings for high humidity or chemically aggressive environments are avaliable upon request .

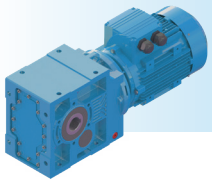
- Lubrication:
K series of gearboxes filled with oils which is indicated on lubrication tables. For lubrication details please refer to the lubrication section.

Accessories

The following accessories can be applied to K series gearboxes.

- IEC B5 Motor connection flange
- Output flanges
- Shrink Discs
- Backstops
- Special sealing solutions.
- Transparent oil level indicator,
- Torque arm
- Electromagnetic brakes

For other accessories please contact, Dana.

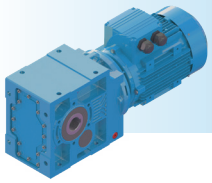


Surface Protection

Our products are all painted unless otherwise stated. 4 corrosion categories which are mentioned below can be offered according to corrosion categories of DIN EN ISO 12944-2 standard.

Our standard paint meets C2 corrosion category. If different category is requested, please inform before order.
Unpainted parts such as shaft, flange connection surface are coated with anti-corrosion paint before shipment against corrosion.

Corrosion Categories	Ambient Conditions	Paint Type	Paint Thickness
C2 (Standard)	Indoor installation and outdoor installation with protection roof Environments with low humidity and contamination	Two-Component Primer Coat Acrylic Top Coat	60 µm 40 µm
C3	Indoor installation and outdoor installation subject to weathering Environments with mean humidity and contamination	Epoxy Primer Coat Acrylic Top Coat	80 µm 40 µm
C4	Indoor installation and outdoor installation subject to weathering Environments with occasionally high humidity and chemical contamination	Epoxy Primer Coat Acrylic Top Coat	180 µm 40 µm
C5-I / C5-M	Indoor installation and outdoor installation subject to weathering Environments with permanent high humidity and chemical cleaning contamination	Epoxy Zinc Primer Coat Epoxy Miox Primer Coat Acrylic Top Coat	70 µm 150 µm 40 µm



Unit Designation

K R 3 7 3 . 02 R - 3 E90S / 4C - L05

Brake

L-220V With Fan
P-24V With Fan
S-220 V Without Fan
Z-24 V Without Fan

00- 5 Nm **10-** 100 Nm
01- 10 Nm **20-** 200 Nm
02- 25 Nm **30-** 300 Nm
04- 40 Nm **40-** 400 Nm
05- 50 Nm **50-** 500 Nm

Number of Poles

Motor Size

For KV types

E90 S / 4

- Pole Number
- Frame Lenght
- Motor size
- Motor type

For KN types

A06 : 63 B5 **A10** : 100 B5 **A20** : 200 B5
B06 : 63 B14 **B10** : 100 B14 **A22** : 225 B5
A07 : 71 B5 **A11** : 112 B5 **A25** : 250 B5
A08 : 80 B5 **A13** : 132 B5 **A31** : 315 B5
B08 : 80 B14 **B13** : 132 B14
A09 : 90 B5 **A16** : 160 B5
B09 : 90 B14 **A18** : 180 B5

Motor Efficiency Class

Output Shaft - Flange Position

Output Specification

00 :Hollow output shaft
01 :Solid output shaft
02 :Solid output shaft and with Flange
03 :Flanged and hollow output shaft
04 :With double output shaft
05 :Double flanged and double output shaft
08 :Double flanged and hollow output shaft
0S :Shrink disk output
0E :Extruder output
0A :Drywell Gearbox with Hollow Output Shaft
1A :Drywell Gearbox with Solid Output Shaft
SA :Drywell Gearbox with Shrink Disk Output

Stage

2 Stages
3 Stages
4 Stages
5 Stages
6 Stages

Revision Number

Housing Size

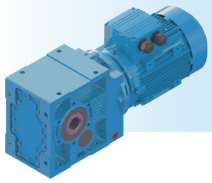
0...9

Input Type

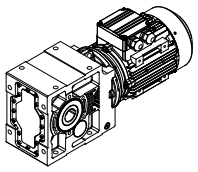
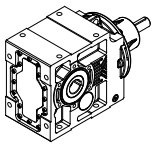
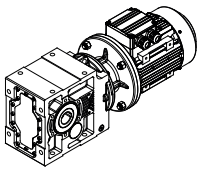
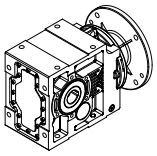
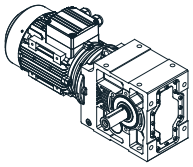
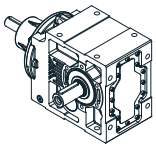
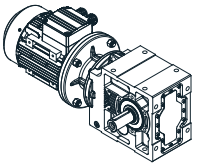
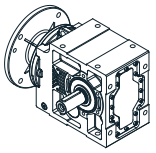
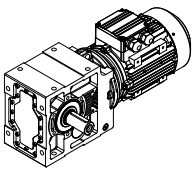
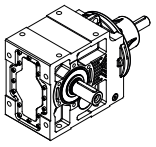
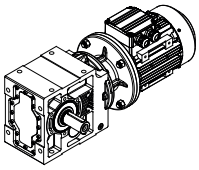
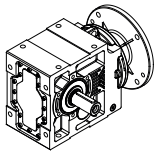
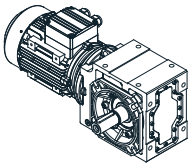
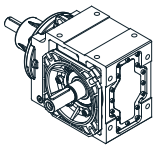
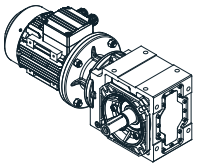
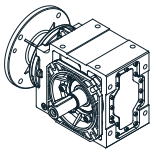
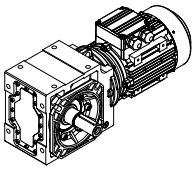
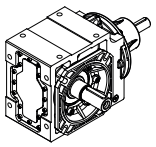
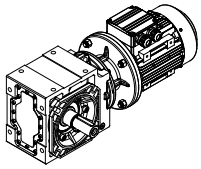
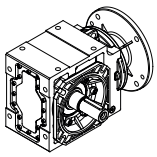
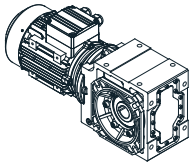
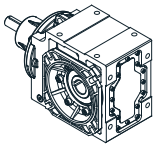
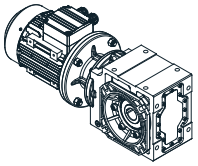
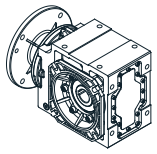
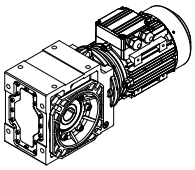
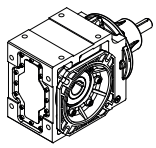
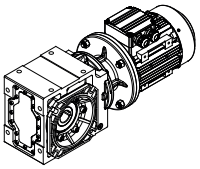
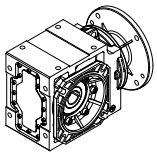
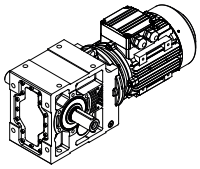
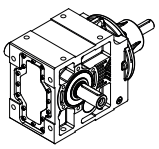
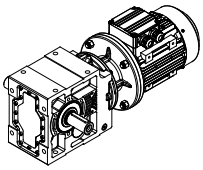
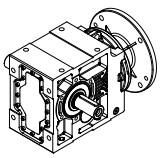
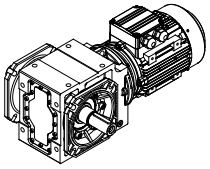
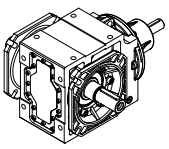
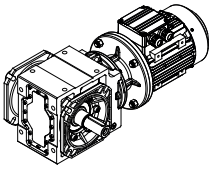
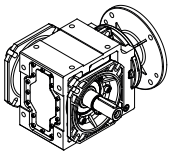
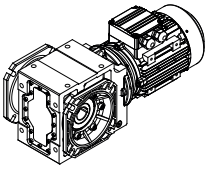
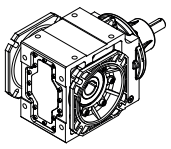
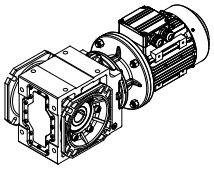
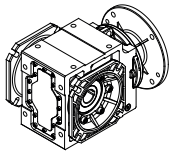
R :With Motor
N :IEC B5 / B14 Flanged without Motor
V :IEC B5 / B14 Flanged with Motor
T :Without Motor
RB :Drywell Gearbox With Motor
NB :IEC B5 / B14 Flanged Drywell Gearbox without Motor
VB :IEC B5 / B14 Flanged Drywell Gearbox with Motor
TB :Drywell Gearbox Without Motor

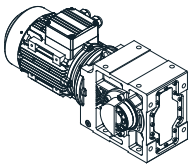
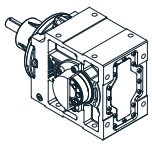
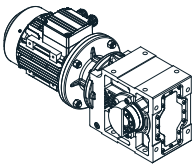
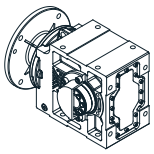
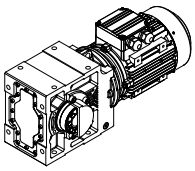
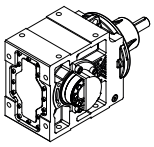
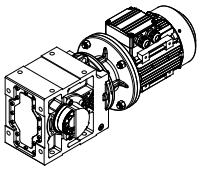
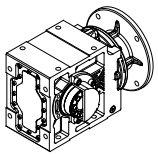
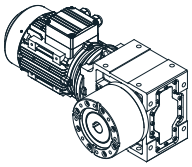
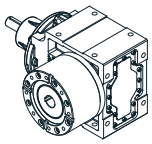
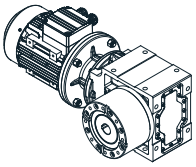
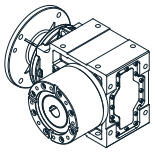
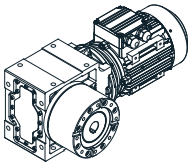
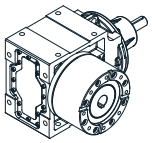
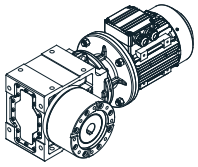
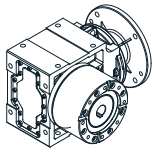
Gearbox Type

K Serie

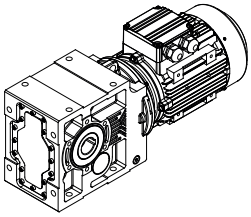


KR..00..	Bevel-Helical type geared motors , Direct coupled motor, Hollow shaft output.
KR..01..	Bevel-Helical type geared motors, Direct motor coupled, solid output shaft.
KR..02..	Bevel-Helical type geared motors, Direct motor coupled, Solid output shaft and output flange.
KR..03..	Bevel-Helical type geared motors, Direct motor coupled, Hollow output shaft and output flange.
KR..04..	Bevel-Helical type gerboxes, Direct motor coupled, double output shaft.
KR..05..	Bevel-Helical type geared motors, Direct motor coupled, double hollow output shaft and double flange output.
KR..08..	Bevel-Helical type geared motors, Direct motor coupled, double hollow output shaft and double flange output.
KR..0S..	Bevel-Helical type geared motors Direct motor coupled , Shrink disk output.
KR..0E..	Bevel-Helical type geared motors Direct motor coupled , extruder output.
KN..00..	Bevel-Helical type gearboxes, IEC B5/B14 flanged input without motor, hollow output shaft.
KN..01..	Bevel-Helical type gearboxes,IEC B5/B14 flanged input without motor, Solid output shaft.
KN..02..	Bevel-Helical type gearboxes, IEC B5/B14 flanged input without motor, Solid output shaft and output flange.
KN..03..	Bevel-Helical type gearboxes, IEC B5/B14 flanged input without motor, Hollow output shaft and output flange.
KN..04..	Bevel-Helical type gerboxes, IEC B5/B14 flanged without motor, double output shaft.
KN..05.	Bevel-Helical type geared motors, IEC B5/B14 flanged input without motor, double hollow output shaft and flange output.
KN..08..	Bevel-Helical type geared motors, IEC B5/B14 flanged input without motor ,double hollow output shaft and double flange output.
KN..0S..	Bevel-Helical type geared motors IEC B5/B14 flanged without motor, Shrink disk Output.
KN..0E..	Bevel-Helical type geared motors IEC B5/B14 flanged without motor, extruder output.
KV..00..	Bevel-helical type gearboxes, IEC B5/B14 flanged input with coupled motor, hollow output shaft.
KV..01..	Bevel-helical type gearboxes,IEC B5/B14 flanged input with coupled motor, solid output shaft.
KV..02..	Bevel-helical type gearboxes, IEC B5/B14 flanged input with coupled motor, with solid output shaft and output flange.
KV..03..	Bevel-helical type gearboxes, IEC B5/B14 flanged input with coupled motor, Hollow output shaft and output flange.
KV..04..	Bevel-Helical type gerboxes, IEC B5/B14 flanged input with coupled motor, double output shaft.
KV..05..	Bevel-helical type gearboxes, IEC B5/B14 flanged input with coupled motor, double output shaft and double output flange.
KV..08..	Bevel-Helical type geared motors, IEC B5/B14 flanged input with direct coupled motor, double hollow output shaft and double flange output.
KV..0S..	Bevel-Helical geared motors IEC B5/B14 flanged with direct coupled motor, Shrink disk output.
KV..0E..	Bevel-Helical geared motors IEC B5/B14 flanged with direct coupled motor, Extruder Output.
KT..00..	Bevel-Helical geared unit, Solid shaft input without motor, Hollow output shaft.
KT..01..	Bevel-Helical geared units, Solid shaft input without motor, Solid output shaft.
KT..02..	Bevel-Helical gear units, Solid shaft input without motor, Solid output shaft and flange output.
KT..03..	Bevel-Helical gear units, solid shaft input without motor, Hollow output shaft and output flange.
KT..04..	Bevel-Helical type gerboxes, solid input shaft, double output shaft.
KT..05..	Bevel-helical type gearboxes, IEC B5/B14 flanged input without motor, double output shaft and double output flange.
KT..08..	Bevel-Helical type geared motors, IEC B5/B14 flanged input with without motor, double hollow output shaft and double flange output.
KT..0S..	Bevel-Helical gear motors, Solid shaft input without motor, Shrink Disk Output.
KT..0E..	Bevel-Helical gear motors, Solid shaft input without motor, Extruder Output .

KR..00 	KT..00 	KV..00 	KN..00 
KR..01R 	KT..01R 	KV..01R 	KN..01R 
KR..01L 	KT..01L 	KV..01L 	KN..01L 
KR..02R 	KT..02R 	KV..02R 	KN..02R 
KR..02L 	KT..02L 	KV..02L 	KN..02L 
KR..03R 	KT..03R 	KV..03R 	KN..03R 
KR..03L 	KT..03L 	KV..03L 	KN..03L 
KR..04 	KT..04 	KV..04 	KN..04 
KR..05 	KT..05 	KV..05 	KN..05 
KR..08 	KT..08 	KV..08 	KN..08 

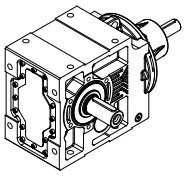
KR..0SR 	KT..0SR 	KV..0SR 	KN..0SR 
KR..0SL 	KT..0SL 	KV..0SL 	KN..0SL 
KR..0ER 	KT..0ER 	KV..0ER 	KN..0ER 
KR..0EL 	KT..0EL 	KV..0EL 	KN..0EL 

KR273.00-3E90S/4-L05

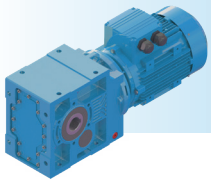


K	: K serie of gearbox
R	: Direct motor coupled
2	: Gear unit size
Z	: Revision number
3	: Stage number
00	: Hollow shaft output
3	: Efficiency class IE3
E	: Motor type
90S/4	: Motor frame size
L05	: Brake type

KT373.01L

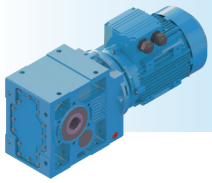


K	: K series of gearbox
T	: Solid input shaft
3	: Gear unit size
7	: Revision number
3	: Stage number
01	: Solid output shaft
L	: Left side output shaft
R	: Right side output shaft



Geometrically Possible Combinations

Motor Size								
Type	**Stages**	**63**	**71**	**80**	**90**	**100**	**112**	**132**
KR002..	**2**	7,46-19,88	7,46-19,88	7,46-19,88	7,46-13,26	-	-	-
KR003..	**3**	23,79-120,91	23,79-120,91	23,79-29,95 45,41-57,16	23,79-29,95 45,41-57,15	-	-	-
KR102..	**2**	6,28-25,50	6,28-25,50	6,28-25,50	6,28-17,30	-	-	-
KR103..	**3**	20,03-129,27	20,03-129,27	20,03-76,13 116,34-129,27	20,03-76,13	-	-	-
KR202..	**2**	6,38-23,79	6,38-23,79	6,38-23,79	6,38-23,79	6,38-15,26	6,38-10,57	-
KR203..	**3**	26,31-138,53	26,31-138,53	26,31-119,62	26,31-119,62	26,31-104,49	26,31-72,37	-
KR273..	**3**	6,94-113,65	6,94-113,65	6,94-113,65	6,94-83,48	6,94-72,92	6,94-50,51	6,94-9,92; 13,34-19,08; 25,55-36,55
KR275..	**5**	54,40-719,79	54,40-719,79	54,40-719,79	54,40-719,79	-	-	-
KR276..	**6**	735,5-1759,48	735,5-1759,48	735,42-1759,48	735,42-1759,48	-	-	-
KR283..	**3**	6,70-10,16; 14,12-21,42; 32,35-143,00	6,70-10,16; 14,12-21,42; 32,35-143,00	6,70-10,16; 14,12-21,42; 32,35-106,33	6,70-10,16; 14,12-21,42; 32,35-106,33	4,92-93,50	4,92-66,00	4,92-49,08
KR284..	**4**	122,22-353,22	122,22-353,22	122,22-353,22	122,22-353,22	-	-	-
KR285..	**5**	300,42-1052,64	300,42-1052,64	300,42-1052,64	300,42-1052,64	-	-	-
KR286..	**6**	820,35-3333,36	820,35-3333,36	820,35-3333,36	820,35-3333,36	-	-	-
KR373..	**3**	-	7,73-9,97 14,44-21,90 33,65-148,75	7,73-9,97 14,44-21,90 33,65-148,75	7,73-9,97 14,44-21,90 33,65-110,61	5,68-97,26	5,68-68,65	5,68-51,05
KR374..	**4**	127,14-367,43	127,14-367,43	127,14-367,43	127,14-367,43	-	-	-
KR375..	**5**	312,5-1094,97	312,5-1094,97	312,5-1094,97	312,5-1094,97	-	-	-
KR376..	**6**	853,34-3467,39	853,34-3467,39	853,34-3467,39	853,34-3467,39	-	-	-
KR473..	**3**	-	-	23,76-30,11 60,63-153,47	23,76-30,11 60,63-153,47	7,48-110,95	6,21-97,79	6,21-76,83
KR474..	**4**	-	160,79-472,63	160,79-472,63	160,79-472,63	160,75-207,41	160,79-181,88	-
KR475..	**5**	509,34-1767,9	509,34-1767,9	509,34-1767,9	509,34-1767,9	509,34-1142,99	509,34-844,06	-
KR476..	**6**	2183,54-5226,85	2183,54-5226,85	2183,54-5226,85	2183,54-5226,85	2183,54-3602,83	2183,54-3379,28	-
KR573..	**3**	-	-	-	-	20,24-25,78 44,73-125,51	20,24-25,78 38,16-109,86	6,91-97,19
KR574..	**4**	-	117,96-469,74	117,96-469,74	117,96-469,74	117,96-328,56	117,96-158,64 246,42	117,96
KR575..	**5**	507,09-2236,28	507,09-2236,28	507,09-2236,28	507,09-2236,28	-	-	-
KR576..	**6**	2328,84-6611,61	2328,84-6611,61	2328,84-6611,61	2328,84-6611,61	-	-	-
KR673..	**3**	-	-	-	-	80,38-128,24	80,38-128,24	8,31-14,49 18,74-128,24
KR674..	**4**	-	-	123,38-363,81	123,38-363,81	123,38-363,81	123,38-321,51	123,38
KR675..	**5**	-	531,08-1875,03	531,08-1875,03	531,08-1875,03	423,90-1875,03	423,90-809,27	423,90-724,08
KR676..	**6**	-	1884,33-12680,66	1884,33-12680,66	1884,33-12680,66	1884,33-5445,72	1884,33-3844,04	1884,33-2858,39
KR773..	**3**	-	-	-	-	-	-	11,44-12,89 23,52-26,52 45,36-111,63
KR774..	**4**	-	-	127,11-396,00	127,11-396,00	127,11-396,00	127,11-396,00	127,11-311,14
KR775..	**5**	-	547,17-2066,04	547,17-2066,04	547,17-2066,04	436,74-2066,04	436,74-833,78	436,74-655,11
KR776..	**6**	-	1941,39-15618,73	1941,39-15618,73	1941,39-15618,73	1941,39-5610,63	1941,39-3960,44	1941,39-2944,95
KR873..	**3**	-	-	-	-	-	-	49,75-115,87
KR874..	**4**	-	-	-	-	86,63-438,70	86,63-383,99	86,63-339,7
KR875..	**5**	-	463,83-1891,08	463,83-1891,08	463,83-1891,08	463,83-1891,08	463,83-1671,18	463,83-1313,07
KR876..	**6**	-	2074,42-12789,19	2074,42-12789,19	2074,42-12789,19	2074,42-11245,67	2074,42-7938,12	2074,42-5902,70
KR973..	**3**	-	-	-	-	-	-	-
KR974..	**4**	-	-	-	-	134,57-398,92	134,57-398,92	134,57-398,92
KR975..	**5**	-	-	715,34-1585,92	715,34-1585,92	460,51-1585,92	460,51-1585,92	361,44-1585,92
KR976..	**6**	-	-	1985,89-15680,79	1985,89-15680,79	1985,89-8652,97	1985,89-6741,12	1985,89-4189,63



Motor Size								
Type	**Stages**	**160**	**180**	**200**	**225**	**250**	**280**	**315**
KR002..	**2**	-	-	-	-	-	-	
KR003..	**3**	-	-	-	-	-	-	
KR102..	**2**	-	-	-	-	-	-	
KR103..	**3**	-	-	-	-	-	-	
KR202..	**2**	-	-	-	-	-	-	
KR203..	**3**	-	-	-	-	-	-	
KR273..	**3**	-	-	-	-	-	-	
KR275..	**5**	-	-	-	-	-	-	
KR276..	**6**	-	-	-	-	-	-	
KR283..	**3**	4,92-5,74; 10,37-12,10; 23,76-27,74	4,92-5,74; 10,37-12,10; 23,76-27,74	-	-	-	-	
KR284..	**4**	-	-	-	-	-	-	
KR285..	**5**	-	-	-	-	-	-	
KR286..	**6**	-	-	-	-	-	-	
KR373..	**3**	-	-	-	-	-	-	
KR374..	**4**	-	-	-	-	-	-	
KR375..	**5**	-	-	-	-	-	-	
KR376..	**6**	-	-	-	-	-	-	
KR473..	**3**	6,21-23,19 ; 25,15 39,11-59,19 ; 64,17	6,21-20,07 39,11-51,22	-	-	-	-	
KR474..	**4**	-	-	-	-	-	-	
KR475..	**5**	-	-	-	-	-	-	
KR476..	**6**	-	-	-	-	-	-	
KR573..	**3**	6,91-82,14	6,91-67,37	6,91-18,80 30,25-35,34	-	-	-	
KR574..	**4**	-	-	-	-	-	-	
KR575..	**5**	-	-	-	-	-	-	
KR576..	**6**	-	-	-	-	-	-	
KR673..	**3**	8,31-100,90	8,31-90,21	8,31-68,47	8,31-9,45 16,54-21,32 39,26-44,65	-	-	
KR674..	**4**	-	-	-	-	-	-	
KR675..	**5**	423,9-489,82	423,9	-	-	-	-	
KR676..	**6**	-	-	-	-	-	-	
KR773..	**3**	7,41-111,63	7,41-99,00	7,41-76,59	7,41-51,13	7,41-51,13	-	
KR774..	**4**	-	-	-	-	-	-	
KR775..	**5**	-	-	-	-	-	-	
KR776..	**6**	-	-	-	-	-	-	
KR873..	**3**	11,05-13,93 19,26-24,28 34,28-115,87	11,05-13,93 19,26-24,28 34,28-103,24	9,63-81,06	9,63-55,53	9,63-55,53	9,63-43,22	
KR874..	**4**	86,63-235,47	86,63-235,47	-	-	-	-	
KR875..	**5**	-	-	-	-	-	-	
KR876..	**6**	-	-	-	-	-	-	
KR973..	**3**	14,65-18,73 24,73-31,63 42,86-146,20	14,65-18,73 24,73-31,63 42,86-130,38	11,69-103,87	11,69-71,60	11,69-71,60	11,69-54,80	11,69-54,80
KR974..	**4**	134,57-181,51	134,57-151,03	-	-	-	-	-
KR975..	**5**	361,44-715,34	361,44-586,70	-	-	-	-	-
KR976..	**6**	2348,01	-	-	-	-	-	-

Service Factor

Service Factor (f_s) is a safety coefficient, which takes into account the different running conditions of the driven machine. "f_s=1" is used for uniform loads 8 hours working per day and up to 100 starts per hour.

Service factor depends on:

- Running time
- Nature of load
- Frequency of starting
- Driver type
- Other considerations

For the right selection of the needed service factor for your machine:

1. Determine the running time of driven machine.

2. Select the nature of load of driven machine (Page 15).

U - Uniform loads
M - Moderate loads
H - Heavy shock loads

For a better selection, the nature of load can be calculated from the formulas given (page 15).

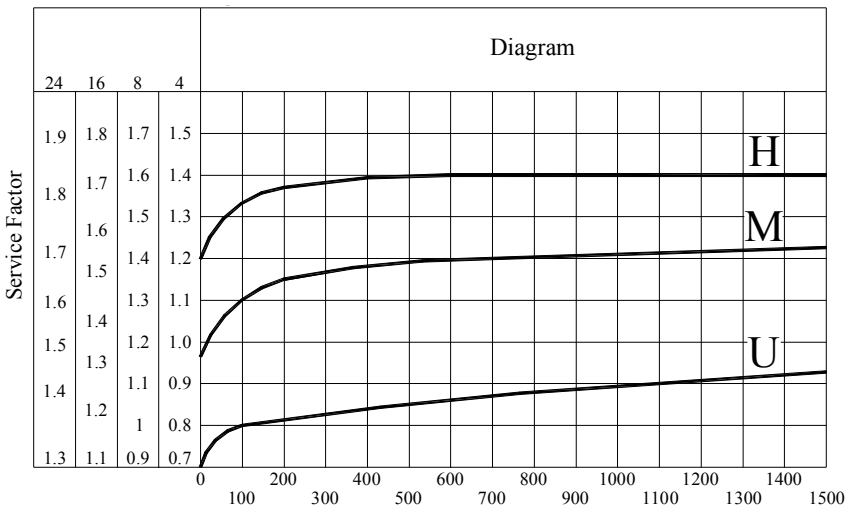
3. Determine frequency of starting

4. After determining the above mentioned factors, the service factor can be easily selected from the table given bellow.

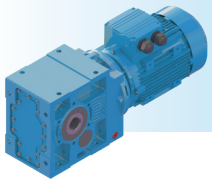
5. The selected service factor must be multiplied with the factor "k" according to the driver type;

k=1 :Electric motor or Hydrolicmotor
k=1.25 :Multicylinder internal combustion engine
k=1.5 :Single cylinder internal combustion engine

Operating Time hour / Day



Cycle / Hour



Load Classification

Cranes:

U - Hoist Gears
- Lifting Gears

M - Defrocking jib Gears
- Slowing Gears

H - Travelling Gears

Pumps:

U - Centrifugal Pumps (light liquids)
M - Centrifugal Pumps (semi liquid)
H - Pressure Pumps
- Plunger Pumps

Stone and Clay Working Machines:

H - Hammer Mills
- Rotary Kilns
- Beater Mills
- Breakers
- Ball Mills
- Brick Presses
- Tup Mills

Textile Machines:

M - Printing and Dyeing Machines
- Looms
- Willow
- Batchers
- Tanning Vats

Oil Industry:

M - Pipeline Pumps
- Rotary Drilling Equipment

Food Industry:

M - Cane Knives
- Cane Crushers
- Mach Tubs

H - Cane Mills

Laundries:

M - Tumblers
- Washing Machines
- Bulk Belt Conveyors

Metal Rolling Mills:

M - Roller Adjustment Drives
- Roller Straightened
- Winding Machines
- Wire Drawing Benches

H - Billet Shears
- Rotary Tables (heavy)
- Descaling Machines,
- Sheet Mills
- Manipulators
- Cold Rolling Mills

Building Machines:

M - Concreate Mixers
- Hoist

Paper Machines:

H - Wet Presses
- Pulpers
- Drying Cylinders
- Glazing Cylinders

Rubber Machinery:

M - Calenders
- Mixers

H - Extruders
- Pug Mills
- Rolling Mills

Chemical Ind.:

M - Aggidators (semi- liquit)
- Drying Drums.
- Mixers and Rolling Mills

Conveyors:

M - Band Pocket Conveyors
- Steel Belt Conveyors
- Belt Conveyors

H - Hoists
- Bulk Belt Conveyors

U	Uniform Loads	$F_i < 0,25$
M	Moderate Loads	$F_i < 3$
H	Heavy Shock Loads	$F_i < 10$

J_{ext} : External moments of inertia reduced to the motor shaft

$$J'_{ext} = \frac{J_{ext}}{i^2}$$

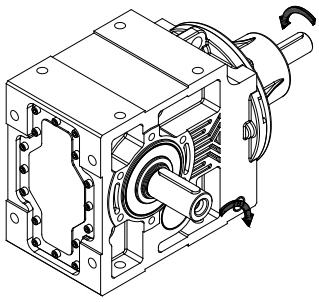
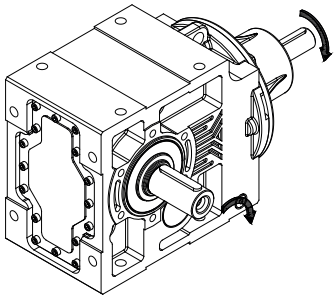
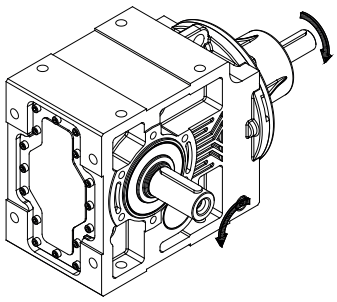
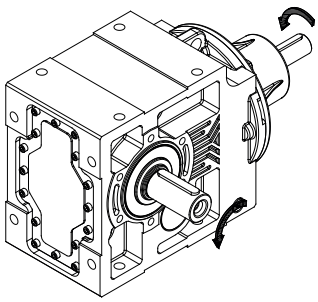
i : Transmission ratio

J_{rotor} : Moments of inertia to the motor

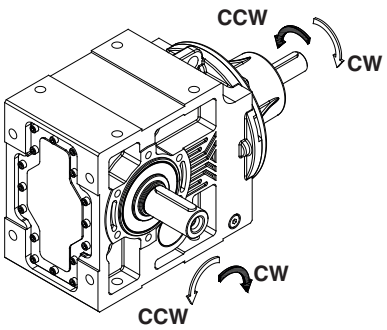
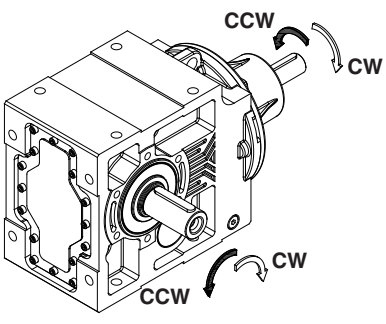
$$F_i = \frac{J'_{ext}}{J_{rotor}}$$

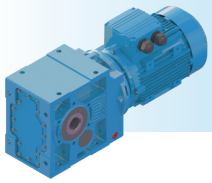
Direction of Rotation

K Series direction of rotation of Dana products are defined as follows. The definitions are also valid for gear units with backstop.

	3-5 Stages	2-4-6 Stages
Clockwise **CW**		
Counter Clockwise **CCW**		

Output shaft rotation directions according to the input shaft rotation directions are as follows.

3-5 Stages	2-4-6 Stages
	



Radial Loads

Radial Loads

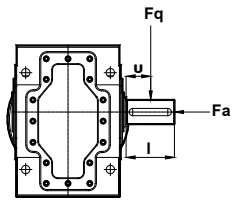
The permissible radial loads are calculated by considering working life and is listed on the tables. The given permissible radial loads F_{qam} are based on f_s=1 and are valid for forces which are applied to the midpoint of the shaft.
For shock loading applications the service factor given on the table must take into consideration. The permissible axial load (F_{ama} or F_{ame}) is 25% x (F_{qam} or F_{qem}). The listed permissible radial loads are based on the worst loading direction. Higher radial loads can be applied for different loading directions (Please ask if requested). The effective radial load at the gear box shaft F_q will be determined with the given formulas on page 18.
In Selection ;

$$F_{qa} \leq F_{qam}$$
$$F_{qe} \leq F_{qem}$$

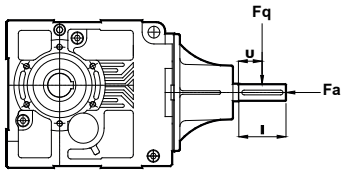
these formulas must be taken into consideration.
If the load is not applied at the midpoint of the shaft; the given permissible load must be corrected with the following formulas.

$$F_{qam}' = F_{qam} \frac{t}{y + u}$$
$$F_{qem}' = F_{qem} \frac{t}{y + u}$$

The values “t”,”y” can be taken from the below table. The value “u” is the lenght of the application point as shown below.

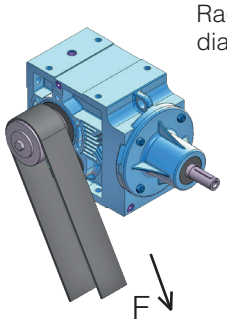


KR...01	Radial Load correcting values on output shaft											
Type	**KR..002 KR..003**	**KR..102 KR..103**	**KR..202 KR..203**	**KR..273**	**KR..283**	**KR..373**	**KR..473**	**KR..573**	**KR..673**	**KR..773**	**KR..873**	**KR..973**
t	119	134	156	162	183	199	236	273	344	408	485	556
y	99	104	121	132	143	159	186	213	274	323	380	451
l	40	60	70	60	80	80	100	120	140	170	210	210

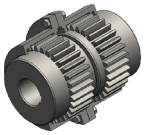


KT...	Radial load correcting values on input shaft											
Type	**KT..002 KT..003**	**KT..102 KT..103**	**KT..202 KT..203**	**KT..273**	**KT..283**	**KT..373**	**KT..473**	**KT..573**	**KT..673**	**KT..773**	**KT..873**	**KT..973**
t	78	78	111	111	126	126	137	158	180	207	220	266.5
y	58	58	86	86	96	96	102	113	130	147	165	206.5
l	40	40	50	50	60	60	70	90	100	120	110	120

Calcolation of Radial Loads

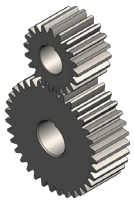


Radial Load F_q (N) is calculated with the following equations where required moment M (Nm) and hoop or gear diameter D (mm) is used.



1. Elastic Coupling

If Elastic Coupling is working in its relaible working area, the radial loads can be neglected.



2. For Spur Gear

(Pressure angle 20°)

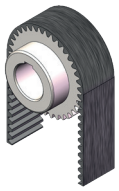
$$F_q = \frac{2100 \times M_2}{D}$$



3. For Chain Drive

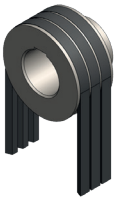
With Low Speed (z>17)

$$F_q = \frac{2100 \times M_2}{D}$$



4. For Trigger Belt

$$F_q = \frac{2500 \times M_2}{D}$$



5. For V Belt

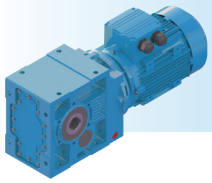
$$F_q = \frac{5000 \times M_2}{D}$$



6. Flat Belt With

Spanning Pulley

$$F_q = \frac{5000 \times M_2}{D}$$



DANA BREVINI® Motion Systems

Axial Loads

KRE273				
n_2	F_{ama} [kN]			
	Lifetime [hour]			
	40000	20000	10000	5000
20	27.0	33.3	41.0	50.5
30	23.9	29.5	36.3	44.7
40	22.0	27.0	33.3	41.0
50	20.5	25.3	31.1	38.4
65	19.0	23.4	28.8	35.5
80	17.8	22.0	27.0	33.3
100	16.7	20.5	25.3	31.1
120	15.8	19.4	23.9	29.5
140	15.1	18.6	22.9	28.2
160	14.5	17.8	22.0	27.0
180	14.0	17.2	21.2	26.1
200	13.5	16.7	20.5	25.3
220	13.2	16.2	20.0	24.6
240	12.8	15.8	19.4	23.9
260	12.5	15.4	19.0	23.4
280	12.2	15.1	18.6	22.9
300	12.0	14.8	18.2	22.4
320	11.8	14.5	17.8	22.0

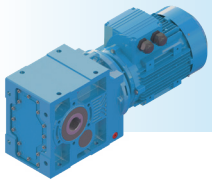
n_2 : Output Speed [rpm]

KRE283				
n_2	F_{ama} [kN]			
	Lifetime [hour]			
	40000	20000	10000	5000
20	104.8	129.0	158.8	195.6
30	92.7	114.2	140.6	173.2
40	85.1	104.8	129.0	158.8
50	79.6	98.0	120.6	148.5
65	73.5	90.5	111.5	137.3
80	69.1	85.1	104.8	129.0
100	64.6	79.6	98.0	120.6
120	61.2	75.3	92.7	114.2
140	58.4	71.9	88.5	109.0
160	56.1	69.1	85.1	104.8
180	54.2	66.7	82.1	101.1
200	52.5	64.6	79.6	98.0
220	51.0	62.8	77.3	95.2
240	49.7	61.2	75.3	92.7
260	48.5	59.7	73.5	90.5
280	47.4	58.4	71.9	88.5
300	46.5	57.2	70.4	86.7
320	45.6	56.1	69.1	85.1

KRE373				
n_2	F_{ama} [kN]			
	Lifetime [hour]			
	40000	20000	10000	5000
20	104.8	129.0	158.8	195.6
30	92.7	114.2	140.6	173.2
40	85.1	104.8	129.0	158.8
50	79.6	98.0	120.6	148.5
65	73.5	90.5	111.5	137.3
80	69.1	85.1	104.8	129.0
100	64.6	79.6	98.0	120.6
120	61.2	75.3	92.7	114.2
140	58.4	71.9	88.5	109.0
160	56.1	69.1	85.1	104.8
180	54.2	66.7	82.1	101.1
200	52.5	64.6	79.6	98.0
220	51.0	62.8	77.3	95.2
240	49.7	61.2	75.3	92.7
260	48.5	59.7	73.5	90.5
280	47.4	58.4	71.9	88.5
300	46.5	57.2	70.4	86.7
320	45.6	56.1	69.1	85.1

n_2 : Output Speed [rpm]

KRE473				
n_2	F_{ama} [kN]			
	Lifetime [hour]			
	40000	20000	10000	5000
20	134.5	165.6	203.9	251.1
30	119.0	146.6	180.5	222.3
40	109.2	134.5	165.6	203.9
50	102.1	125.7	154.8	190.7
65	94.4	116.2	143.1	176.2
80	88.7	109.2	134.5	165.6
100	82.9	102.1	125.7	154.8
120	78.5	96.7	119.0	146.6
140	75.0	92.3	113.7	140.0
160	72.0	88.7	109.2	134.5
180	69.5	85.6	105.4	129.8
200	67.3	82.9	102.1	125.7
220	65.4	80.6	99.2	122.2
240	63.8	78.5	96.7	119.0
260	62.2	76.6	94.4	116.2
280	60.9	75.0	92.3	113.7
300	59.6	73.4	90.4	111.3
320	58.5	72.0	88.7	109.2



KRE573				
n_2	F_{ama} [kN] Lifetime [hour]			
	40000	20000	10000	5000
20	172.0	211.8	260.8	779.6
30	152.3	187.5	230.9	715.9
40	139.7	172.0	211.8	673.9
50	130.6	160.8	198.1	643.1
65	120.7	148.7	183.0	608.6
80	113.4	139.7	172.0	582.6
100	106.1	130.6	160.8	555.9
120	100.4	123.7	152.3	535.0
140	95.9	118.1	145.4	518.0
160	92.1	113.4	139.7	503.6
180	88.9	109.5	134.8	491.3
200	86.1	106.1	130.6	480.6
220	83.7	103.1	126.9	471.0
240	81.5	100.4	123.7	462.5
260	79.6	98.0	120.7	454.8
280	77.9	95.9	118.1	447.8
300	76.3	93.9	115.6	441.3
320	74.8	92.1	113.4	435.4

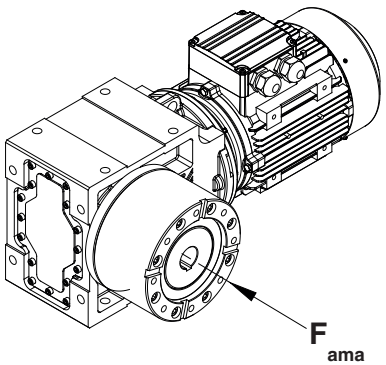
KRE673				
n_2	F_{ama} [kN] Lifetime [hour]			
	40000	20000	10000	5000
20	209.5	258.0	317.7	391.2
30	185.5	228.4	281.3	346.4
40	170.1	209.5	258.0	317.7
50	159.1	195.9	241.3	297.1
65	147.1	181.1	223.0	274.6
80	138.2	170.1	209.5	258.0
100	129.2	159.1	195.9	241.3
120	122.3	150.6	185.5	228.4
140	116.8	143.8	177.1	218.1
160	112.2	138.2	170.1	209.5
180	108.3	133.4	164.2	202.2
200	104.9	129.2	159.1	195.9
220	102.0	125.6	154.6	190.4
240	99.3	122.3	150.6	185.5
260	97.0	119.4	147.1	181.1
280	94.8	116.8	143.8	177.1
300	92.9	114.4	140.9	173.5
320	91.1	112.2	138.2	170.1

KRE773				
n_2	F_{ama} [kN] Lifetime [hour]			
	40000	20000	10000	5000
20	350.2	431.3	531.1	653.9
30	310.1	381.8	470.2	579.0
40	284.4	350.2	431.3	531.1
50	266.0	327.5	403.3	496.6
65	245.8	302.7	372.8	459.0
80	231.0	284.4	350.2	431.3
100	216.0	266.0	327.5	403.3
120	204.5	251.8	310.1	381.8
140	195.2	240.4	296.0	364.5
160	187.6	231.0	284.4	350.2
180	181.0	222.9	274.5	338.0
200	175.4	216.0	266.0	327.5
220	170.5	209.9	258.5	318.3
240	166.1	204.5	251.8	310.1
260	162.1	199.6	245.8	302.7
280	158.5	195.2	240.4	296.0
300	155.3	191.2	235.5	290.0
320	152.3	187.6	231.0	284.4

n_2 : Output Speed [rpm]

KRE873				
n_2	F_{ama} [kN] Lifetime [hour]			
	40000	20000	10000	5000
20	403.4	496.7	611.7	753.2
30	357.1	439.8	541.5	666.9
40	327.6	403.4	496.7	611.7
50	306.3	377.2	464.5	572.0
65	283.1	348.7	429.3	528.7
80	266.0	327.6	403.4	496.7
100	248.8	306.3	377.2	464.5
120	235.5	290.0	357.1	439.8
140	224.9	276.9	341.0	419.9
160	216.0	266.0	327.6	403.4
180	208.5	256.8	316.2	389.4
200	202.0	248.8	306.3	377.2
220	196.3	241.8	297.7	366.6
240	191.3	235.5	290.0	357.1
260	186.7	229.9	283.1	348.7
280	182.6	224.9	276.9	341.0
300	178.9	220.3	271.2	334.0
320	175.4	216.0	266.0	327.6

KRE973				
n_2	F_{ama} [kN] Lifetime [hour]			
	40000	20000	10000	5000
20	519.1	639.2	787.1	969.2
30	459.6	565.9	696.9	858.1
40	421.5	519.1	639.2	787.1
50	394.2	485.4	597.8	736.1
65	364.3	448.7	552.5	680.3
80	342.3	421.5	519.1	639.2
100	320.1	394.2	485.4	597.8
120	303.1	373.2	459.6	565.9
140	289.4	356.3	438.8	540.3
160	278.0	342.3	421.5	519.1
180	268.3	330.4	406.9	501.0
200	260.0	320.1	394.2	485.4
220	252.6	311.1	383.1	471.7
240	246.1	303.1	373.2	459.6
260	240.3	295.9	364.3	448.7
280	235.0	289.4	356.3	438.8
300	230.2	283.4	349.0	429.8
320	225.8	278.0	342.3	421.5



Equivalent Power Rating

The equivalent power by an equivalent constant torque can be calculated for gearboxes working in constant speed but variable torques (or powers).
Using this equivalent power it is possible to make a gearbox selection according the usual gearbox selection method with constant torques. The equivalent torque will be determined according the mean of dominating torques.
The gearbox working in constant equivalent torque will theoretically have the same lifetime and safety compared to the variable torque one.
To calculate the equivalent torques, the variable torques in a cycle must be sorted from the maximal to the minimal on a horizontal time line (Check the graphic below). According to the graphic below the equivalent torque can be calculated with the following formula;

$$T_e = \left(\frac{\Delta t_1 \times T_1^{6.6} + \ldots. + \Delta t_n \times T_n^{6.6}}{t}\right)^{\left(\frac{1}{6.6}\right)}$$

If T_n (the lowest torque) is lower than 50 % of T_e, this torque part must be taken out of the torque graph and the calculation must be repeated;

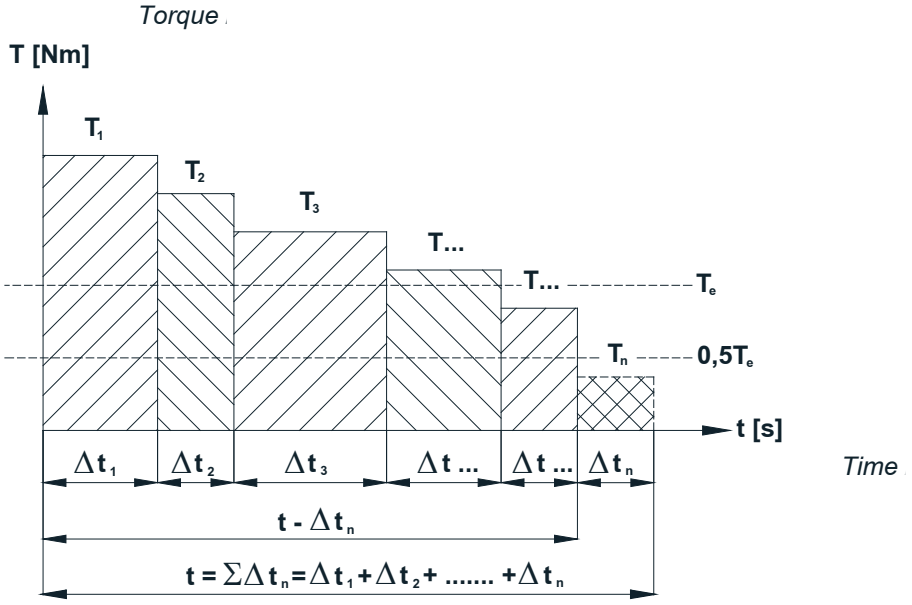
If $T_n < T_e \times 0.5$ then

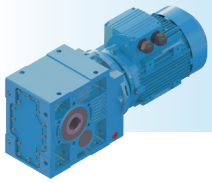
$$T_e = \left(\frac{\Delta t_1 \times T_1^{6.6} + \ldots. + \Delta t_{n-1} \times T_{n-1}^{6.6}}{t - \Delta t_n}\right)^{\left(\frac{1}{6.6}\right)}$$

If all T_n values are higher then 50% of T_e then the equivalent power can be calculated by the following formula;

$$P_{eq} = P_N = \frac{T_e \times n}{9550}$$

After the equivalent power is determined the selection of gearbox is made according to the selection procedures given on the gearbox selection part in this catalogue.





Equivalent Power Rating Example

The following data is given for a reversing blooming mill;

Torque steps:

Total one cycle time:	2 min.
1st torque part:	48 kNm, 30 s
2nd torque part:	32 kNm, 22 s
3th torque part:	28 kNm, 15 s
4th torque part:	16 kNm, 10 s
5th torque part:	5 kNm, 43 s
Machine constant speed:	50 rpm

The equivalent power, which is required for gear unit selection, is to determine.

Solution:

Total time in a cycle;

$$t = t_1 + t_2 + t_3 + t_4 + t_5 = 120 \text{ sn}$$

Equivalent Torque;

$$T_e = \left(\frac{30 \times 48^{6.6} + ... + 43 \times 5^{6.6}}{67}\right)^{\left(\frac{1}{6.6}\right)} = 39{,}2 \text{ kNm}$$

50% of Equivalent torque;

$$0{,}5 \times T_e = 19{,}6 \text{ kNm}$$

Every torque part must be lower then this value;

$$T_{4,5} < 0{,}5 \times T_e$$

We are repeating the calculation by taking out the torque parts, which are below 50%;

$$t' = t_1 - t_4 - t_5 = 120 - 43 - 10 = 67s$$

$$T_e = \left(\frac{30 \times 48^{6.6} + 22 \times 32^{6.6} + 15 \times 28^{6.6}}{67}\right)^{\left(\frac{1}{6.6}\right)} = 42{,}9 \text{ kNm}$$

By using the equivalent torque and constant speed we calculate the equivalent power;

$$P_{eq} = \frac{T_e \times n}{9550} = \frac{42{,}9 \times 1000 \times 50}{9550} = 225\text{kW}$$

Now by using the above calculated equivalent power and constant speed we camake the gearbox selection with the procedures described in this catalogue.

Gearbox Selection

For the correct selection of the appropriate gear units follow this steps.

1.Determine service factor (fs) on the basis of running conditions (Page 14).
2. Determine the required Torque M_2 (required output torque of gearbox) for the driven machine.
3. Determine required speed (output speedof gearbox) for the driven machine.
4. Calculate the required power for your machine(Calculate power ''P_2'' required at output side of gear reducer using the formula);

$$P_2 = \frac{M_2 \times n_2}{9550}$$

5. Calculate radial load required at output shaft according to type of connection between gear unit and machine (Refer to directions and values given on page 17).
After determining the above mentioned values, the gear reducer which corresponds to our requirements can be selected from the performance tables (the service factor and the permissible radial load should be less than or equal to our requirement).
For Helical gears the output power is not given on the performance tables because they have high efficiency and the output power can be taken as input power.
The output torque should be checked if it meets to our requirements. If the output torque is low, search for a higher input power gearbox.

Example:
1. Machine Type: Belt Conveyor (Bulk Load)
2. Required Torque: Required Torque calculated for the driven machine is M_2 = 470 Nm.
3. Required speed: n_2 = 50 rpm
4. Running time: 16 hours per day
5. Frequency of starting: 1 start per hour
6. Connection type between gear reducer: Chain drive (output dimension-130 mm)

- From the load classification table (on page 15), the load class M can be selected for the known application.
- The service factor can be selected as fs =1,3 from the service factor table (page 14) by taking into consideration 16 hours running time, one start per hour, and load class M.

-Required power for your machine(Power at output side of gear reducer) :

$$P_2 = \frac{M_2 \times n_2}{9550} = \frac{470 \times 50}{9550} = 2,46\ \text{kW}$$

- For chain drive application the requested overhang load can be calculated from (page 18).;

$$F_q = \frac{2100 \times M_2}{D} = \frac{2100 \times 470}{130} = 7592\ \text{N}$$

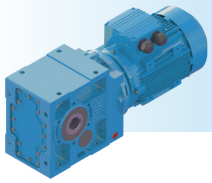
- The required gearbox is as follows:

$P_2 \geq$ 2,46 kW
$M_2 \geq$ 470 Nm
fs $\geq$ 1.3
$n_2 \geq$ 50 rpm
$F_q \geq$ 7592 N

From the performance table,

KR373-3E100L/4D selected (Page 69).

P_2 = 3kW > 2,46 kW
M_2= 537 Nm > 470 Nm
fs = 1,5
n_2 = 50 rpm
fq = 14875 Nm > 7592 Nm
i = 28,85



Field of Industry.....
Application.....
Required Average Speed..... rpm

Required Power on Driven Machine:
-Normal..... kW
-Maximum..... kW
-Minimum..... kW

Driving Machine:
AC Motor [ ]
AC Motor + Inverter [ ]
DC Motor [ ]
Hydraulic Motor [ ]
Piston Engine with 1-3 cylinder [ ]
Piston Engine with 4-24 cylinder [ ]

Motor Connection Type (Electric Motors):
IEC B5 Flange [ ]
NEMA Flange [ ]
B3 Foot Mounted [ ]

IEC or NEMA Flange Code.....

Motor Power:
-Nominal.....kW

Motor Speed:
-Normal.....rpm
-Maximum.....rpm
-Minimum.....rpm

Motor Torque:
-Normal.....Nm
-Maximum.....Nm
-Minimum.....Nm

Direction of Rotation:
cw [ ] ccw [ ] variable [ ]

Working hours per day:
<4 [ ] 4-8 [ ] 8-16 [ ] >16 [ ]

Startings per cycle:
0-50 [ ] 50-100 [ ] 100-200 [ ]
200-300 [ ] 300-500 [ ] 500-700 [ ]
700-1000 [ ] >1000 [ ]

Transmission ratio between motor and gear unit.....

Required Starting Torque.....Nm

Peak torques per hour:
1-5 [ ] 6-30 [ ] 31-100 [ ] >100 [ ]

Effective working time in a cycle (ED):
%100 [ ] %80 [ ] %60 [ ] 40% [ ]
20%[ ]

Altitude:
<1000 [ ] <2000 [ ] <3000 [ ]
<4000 [ ] <5000 [ ]

Mounting Place:
Small closed room (w<1m/sn) [ ]
Closed room (w<3m/sn) [ ]
Big rooms and halls (w>=3m/sn) [ ]
Outdoor [ ]

Ambient Conditions:
Normal [ ] Dusty [ ] Humid [ ]
Corrosive [ ] Dry [ ]

Ambient Temperature:
Average.....^{0}C
Maximum.....^{0}C
Minimum.....^{0}C

Backstop Required:
Yes [ ] No [ ]

Gearbox input options:
R..[ ] V..[ ] N..[ ] T..[ ]

Gearbox output options:
00 [ ] 01 [ ] 02 [ ] 03 [ ] 0S [ ]

Mounting Position:
M1 [ ] M2 [ ] M3 [ ] M4 [ ] M5 [ ] M6 [ ]

Input Shaft Connection Type:
Elastic Coupling [ ]
Barrel Type Coupling [ ]
Hydraulic Coupling [ ]
Rigid Flange Coupling [ ]
Pulley [ ]
Chain Sprocket [ ]
Pinion [ ]
Diameter of Connection element.....mm
Radial Load.....N
“u” Distance of Radial Load.....
mm
Axial Load (Towards Shaft +) .....N

Output Shaft Connection Type:
Elastic Coupling [ ]
Barrel Type Coupling [ ]
Rigid Flange Coupling [ ]
Pulley [ ]
Chain Sprocket [ ]
Pinion [ ]
Hollow Shaft with Torque Arm [ ]
Schrinc disc with Torque Arm [ ]
Diameter of Connection Element.....mm
Radial Load.....N
“u” Distance of Radial Load.....
mm
Axial Load (Towards Shaft) .....N

Gearbox assembled by:
Housing [ ] Flange [ ] Torque Arm [ ]

Output Shaft Specification:
Solid Shaft with Keyway [ ]
Solid Shaft without Keyway [ ]
Hollow Shaft with Shrinc Disc [ ]
Hollow Shaft [ ]
Special Shaft [ ]

Input Shaft Specification:
Solid Shaft with Keyway [ ]
Solid Shaft without Keyway [ ]
Special Shaft [ ]

Torque arm required Yes[ ] No[ ]

Electrical Supply:
AC-1 Phase [ ] AC-3 Phase [ ] DC [ ]
Voltage.....Volt
Frequency..... Hz

Protection Class:
IP55 [ ] IP65 [ ] Exproof [ ]
Other IP.....

Attachments:
Load Diagram [ ]
Project [ ]
Required Dimensions [ ]
Technical Specifications [ ]

Notes:

Lubrication

To work in perfect condition and to have long life for the gear box the lubricant must be chosen correctly and changed in time.

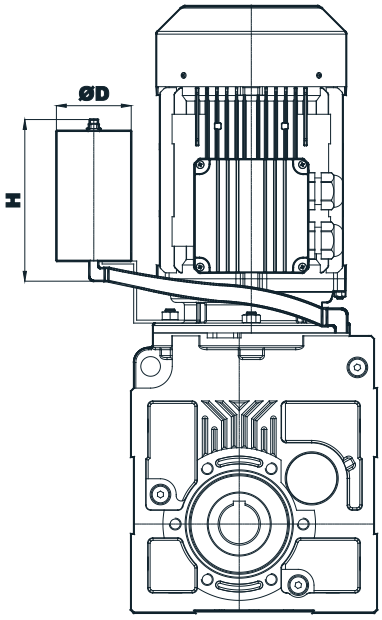
In selection of oil it is important to consider speed, ambient temparature, gear box oil temparature, working conditions and the life required from the lubricant. All units are filled with lubricant before shipping. Before the gearbox is stored for a long time or before starting up, the top plug (according to the working position) must be removed and the extra given vent plug must be replaced. This prevents excessive pressure which causes oil leakages.

The lubricant in the standard line is given for standard fillings on the table on page 27. Please look at your gear units label for filled oil type and quantity. The foot mounting type gear boxes and where the flange mounted gear boxes are filled for mounting position of M1. For other mounting positions please refer to the table given on the next pages. For special working conditions please contact us.

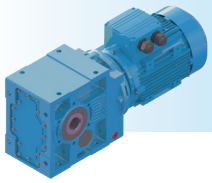
The mineral lubricant should be changed after every 10.000 service hours and the synthetic lubricant should be changed after every 20.000
working hours. If the operation conditions are very heavy (e.g. high temperature differences, high humidity) shorter intervals between changes are recommended. Mineral and synthetic oils must not be mixed up. By changing the lubricant complete cleaning is advised. The oil change should be done after a working period. Because oil is hot in this condition and impurities are mixed with it the changing of oil will be done in best result and the oil will drain easily.

Expansion Tank for M4 Mounting Position

As you can see at the technical drawing below, for gear units with **M4** (mounting positions page 28) mounting position, oil level is very high for proper lubrication of upper pinion gear and this leads to oil leakage from venting plug, because of foaming and expansion of oil at geared motors with ratios below 20.
We ; Dana, strongly recommend using expansion tank for **M4** mounting position for gear units K57, K67, K77,K87 and K97 with total ratios (i) below 20, to prevent this. You can find the recommended dimensions of expansion tanks below.
If your gear units total ratio (i) is below 20 and input speed is higher then 1800 rpm we recommend using of expansion tank for all gear unit sizes for **M4** mounting position.



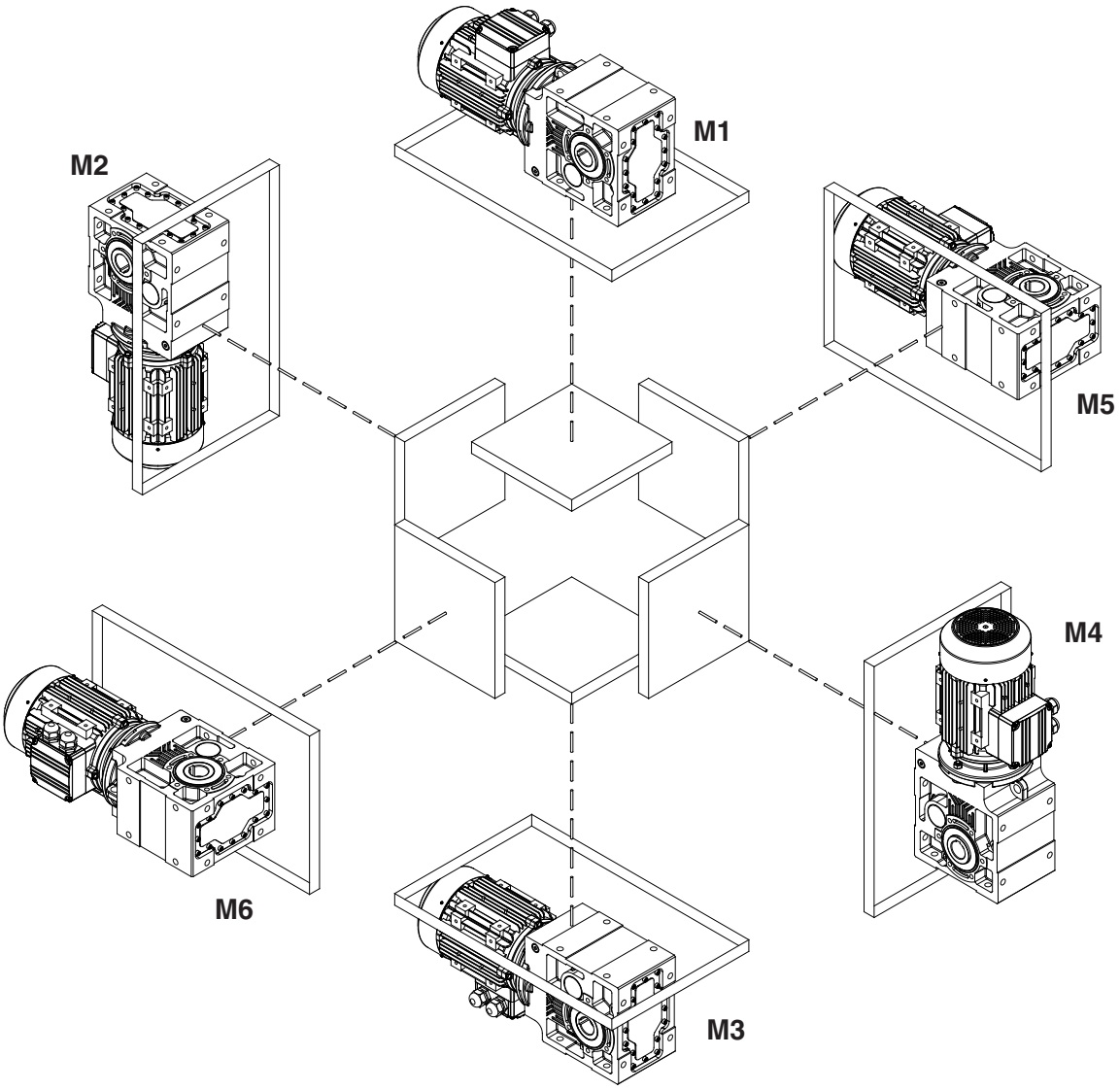
Housing Size	Expansion Tank	D [mm]	H [mm]	Weigt [kg]
K57..	G1	100	150	4
K67.. , K77..	G2	150	250	5
K87.. , K97..	G3	180	400	9



Oil Types

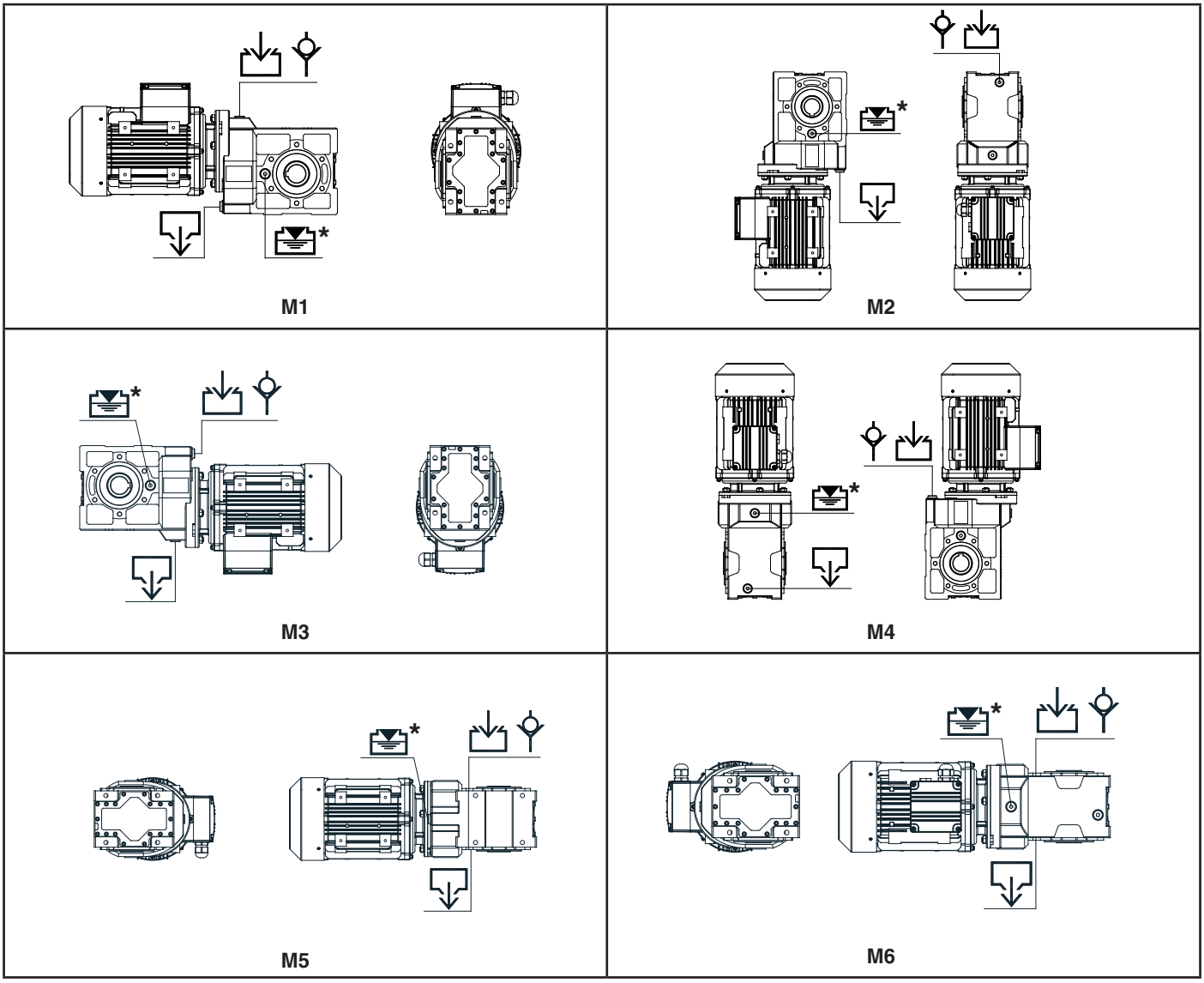
Lubricant	DIN 51517-3	Ambient Temperature (°C)		ISO VG	Aral	Beyond Petroleum	Castrol	Klüber Lubrication	Mobil	Shell	Total
		Dip Lubrication	Forced Lubrication								
Mineral Oil	CLP	0 ... +50	–	680	Degol BG 680	Energol GR-XP 680	Alpha SP 680	Klüberoil GEM 1-680 N	Mobilgear 600 XP 680	Omala S2 GX 680	Carter EP 680
		-5 ... +45	–	460	Degol BG 460	Energol GR-XP 460	Alpha SP 460	Klüberoil GEM 1-460 N	Mobilgear 600 XP 460	Omala S2 GX 460	Carter EP 460
		-10 ... +40	+15 ... +40	320	Degol BG 320	Energol GR-XP 320	Alpha SP 320	Klüberoil GEM 1-320 N	Mobilgear 600 XP 320	Omala S2 GX 320	Carter EP 320
		-15 ... +30	+10 ... +30	220	Degol BG 220	Energol GR-XP 220	Alpha SP 220	Klüberoil GEM 1-220 N	Mobilgear 600 XP 220	Omala S2 GX 220	Carter EP 220
		-20 ... +20	+5 ... +20	150	Degol BG 150	Energol GR-XP 150	Alpha SP 150	Klüberoil GEM 1-150 N	Mobilgear 600 XP 150	Omala S2 GX 150	Carter EP 150
		-25... +10	+3 ... +10	100	Degol BG 100	Energol GR-XP 100	Alpha SP 100	Klüberoil GEM 1-100 N	Mobilgear 600 XP 100	Omala S2 GX 100	Carter EP 100
Synthetic Oil	CLP PG	-10 ... +60	–	680	Degol GS 680	Energsyn SG-XP 680	–	Klübersynth GH 6 -680	Mobil Glygoyle 680	Omala S4 WE 680	Carter SY 680
		-20 ... +50	–	460	Degol GS 460	Energsyn SG-XP 460	Aphasyn PG 460	Klübersynth GH 6 -460	Mobil Glygoyle 460	Omala S4 WE 460	Carter SY 460
		-25 ... +40	+5 ... +40	320	Degol GS 320	Energsyn SG-XP 320	Aphasyn PG 320	Klübersynth GH 6 -320	Mobil Glygoyle 320	Omala S4 WE 320	Carter SY 320
		-30 ...+30	0 ...+30	220	Degol GS 220	Energsyn SG-XP 220	Aphasyn PG 220	Klübersynth GH 6 -220	Mobil Glygoyle 30	Omala S4 WE 220	Carter SY 220
		-35 ... +20	-5 ... +20	150	Degol GS 150	Energsyn SG-XP 150	Aphasyn PG 150	Klübersynth GH 6 -150	Mobil Glygoyle 22	Omala S4 WE 150	Carter SY 150
		-40 ... +10	-8 ... +10	100	–	–	–	Klübersynth GH 6 -100	Mobil Glygoyle 100	–	–
	CLP HC	-10 ... +60	–	680	–	–	–	Klübersynth GEM 4-680 N	Mobil SHC Gear 680	Omala S4 GXV 680	Carter SH 680
		-20 ... +50	–	460	Degol PAS 460	Enersyn EP-XF 460	Alphasyn T 460	Klübersynth GEM 4-460 N	Mobil SHC Gear 460	Omala S4 GXV 460	Carter SH 460
		-30 ... +40	+5 ... +40	320	Degol PAS 320	Enersyn EP-XF 320	Alphasyn T 320	Klübersynth GEM 4-320 N	Mobil SHC Gear 320	Omala S4 GXV 320	Carter SH 320
		-40 ... +40	0 ...+30	220	Degol PAS 220	Enersyn EP-XF 220	Alphasyn T 220	Klübersynth GEM 4-220 N	Mobil SHC Gear 220	Omala S4 GXV 220	Carter SH 220
		-40 ... +40	-5 ... +20	150	Degol PAS 150	Enersyn EP-XF 150	Alphasyn T 150	Klübersynth GEM 4-150 N	Mobil SHC Gear 150	Omala S4 GXV 150	Carter SH 150
		-40 ... +40	-8 ... +10	100	–	–	–	Klübersynth GEM 4-100 N	Mobil SHC 627	Omala S4 GXV 100	–
Food Grade Oil	CLP NSF H1	-30 ... +25	+5 ... +25	220	–	–	Optileb GT 220	Klüberoil 4 UH1-220 N	Mobil SHC Cibus 220	Cassida Fluid GL-220	Nevastane SL 220
Biodegradable Oil	CLP E	-25 ... +40	+5 ... +40	320	–	–	Tribol BioTop 1418-320	Klübersynth GEM 2-320	–	–	Carter Bio 320
Mineral Grease [-20 .... +120 °C Working Temperature]					Aralub HL3	Energrease LS 3	Spheerol AP3	Centoplex 2 EP	Mobilux EP 3	Gadus S2 V100 3	Multis Complex EP 2
Synthetic Grease [-30 .... +100 °C Working Temperature]					–	Energrease SY 2202	–	Petamo GHY 133 N	Mobiltemp SHC 100	Gadus S5 V100 2	Multis Complex SHD 220

Mounting Positions



Figured mounting positions of M1 to M6 are determined as reference of directional position of the gearbox. Mounting surfaces are not binding.

2 - 3 Stage Helical-Bevel Geared Gearboxes Oil Level Plugs and Oil Quantities



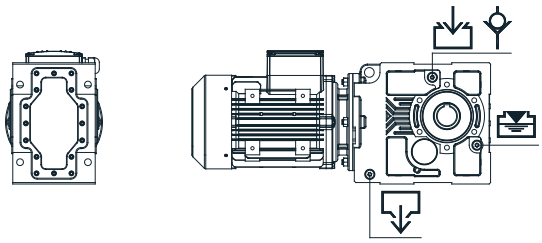
*: For K002 and K003 this plug doesn't exist. Please refer to oil quantities.

Oil Quantities (lt)

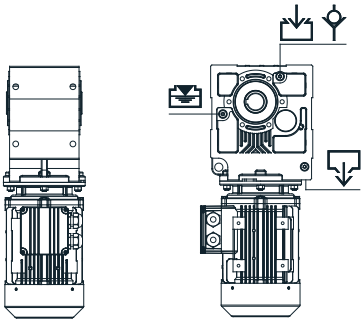
Type	M1	M2	M3	M4	M5	M6
K.002	0,3	0,6	0,5	0,8	0,65	0,65
K.003	0,3	0,6	0,5	0,8	0,65	0,65
K.102	0,55	0,8	0,85	1,1	0,8	0,8
K.103	0,5	0,7	0,8	1,0	0,8	0,8
K.202	1,0	1,35	1,5	1,7	1,4	1,4
K.203	0,9	1,25	1,4	1,4	1,6	1,3

Symbols: : Drain plug : Oil filling : Vent plug : Oil level

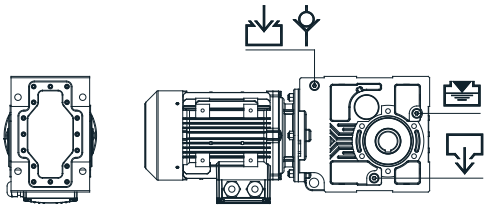
3 Stage Helical Geared Hollow shaft Gearboxes Oil Level Plugs and Oil Quantities



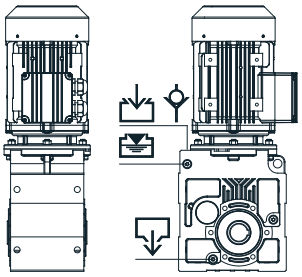
M1



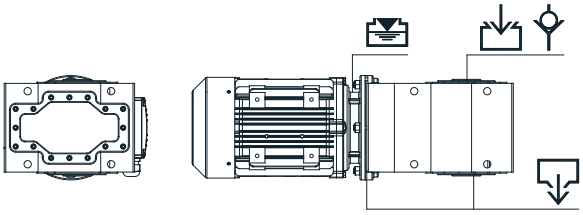
M2



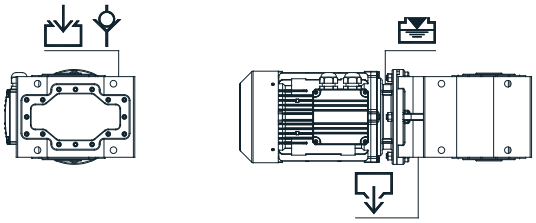
M3



M4



M5



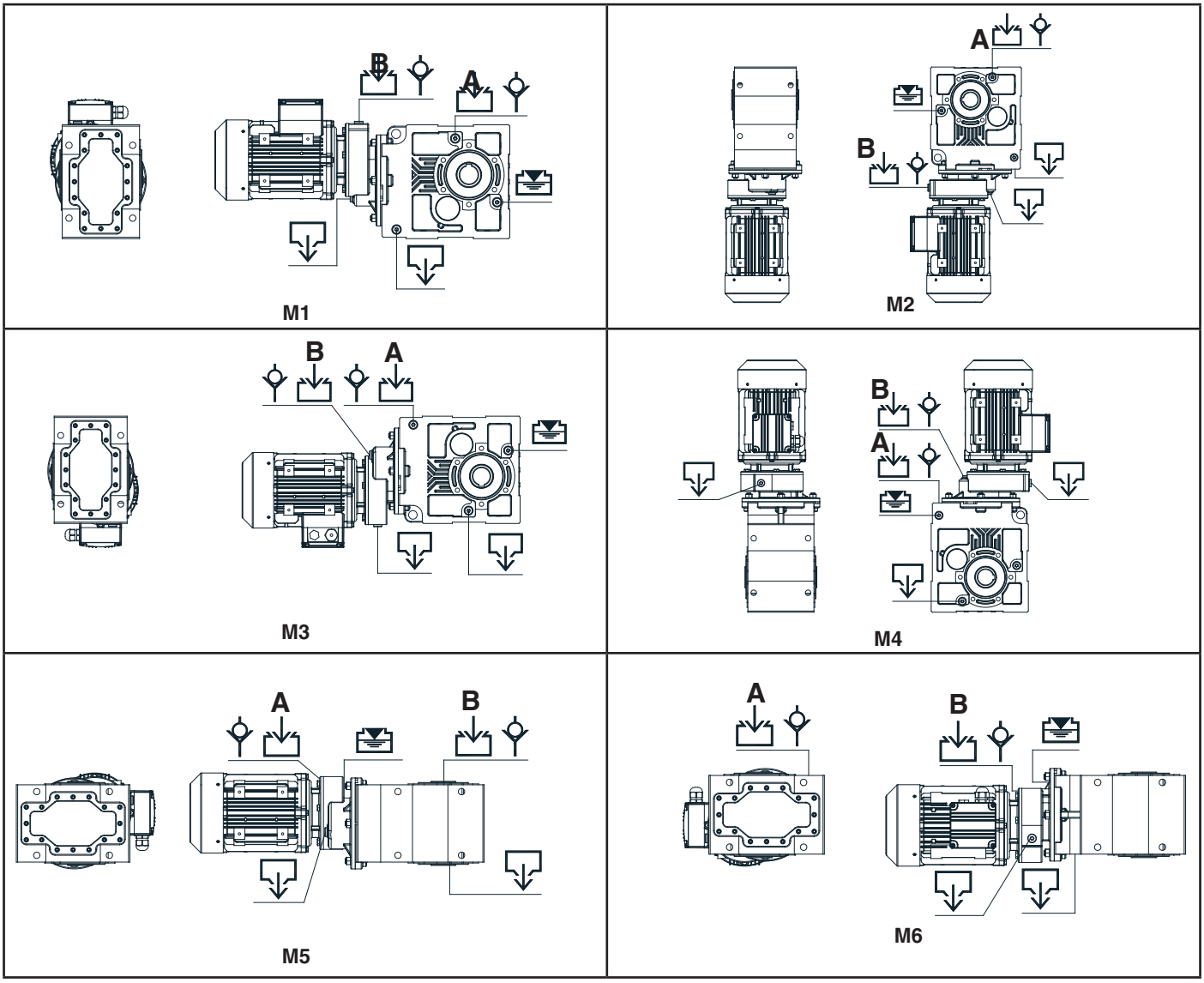
M6

Oil Quantities (lt)

Type	M1	M2	M3	M4	M5	M6
K.273	0,8	1,8	2,2	2,3	1,4	1,5
K.283	1,2	2,4	2,5	2,9	1,9	1,9
K.373	1,4	3,3	3,4	4,0	1,9	2,2
K.473	2,7	5,9	6,5	7,8	4,0	4,5
K.573	4,1	9,0	9,7	11,5	5,5	6,6
K.673	8,7	16,3	18,0	22,5	11,7	13,2
K.773	13,0	28,0	30,0	35,0	18,0	20,0
K.873	28,0	50,0	46,0	63,0	45,0	36,0
K.973	47,0	85,0	85,0	117,0	77,0	64,0

Symbols: : Drain plug : Oil filling : Vent plug : Oil level

4 Stage Helical-Bevel Geared Gearboxes Oil Level Plugs and Oil Quantities

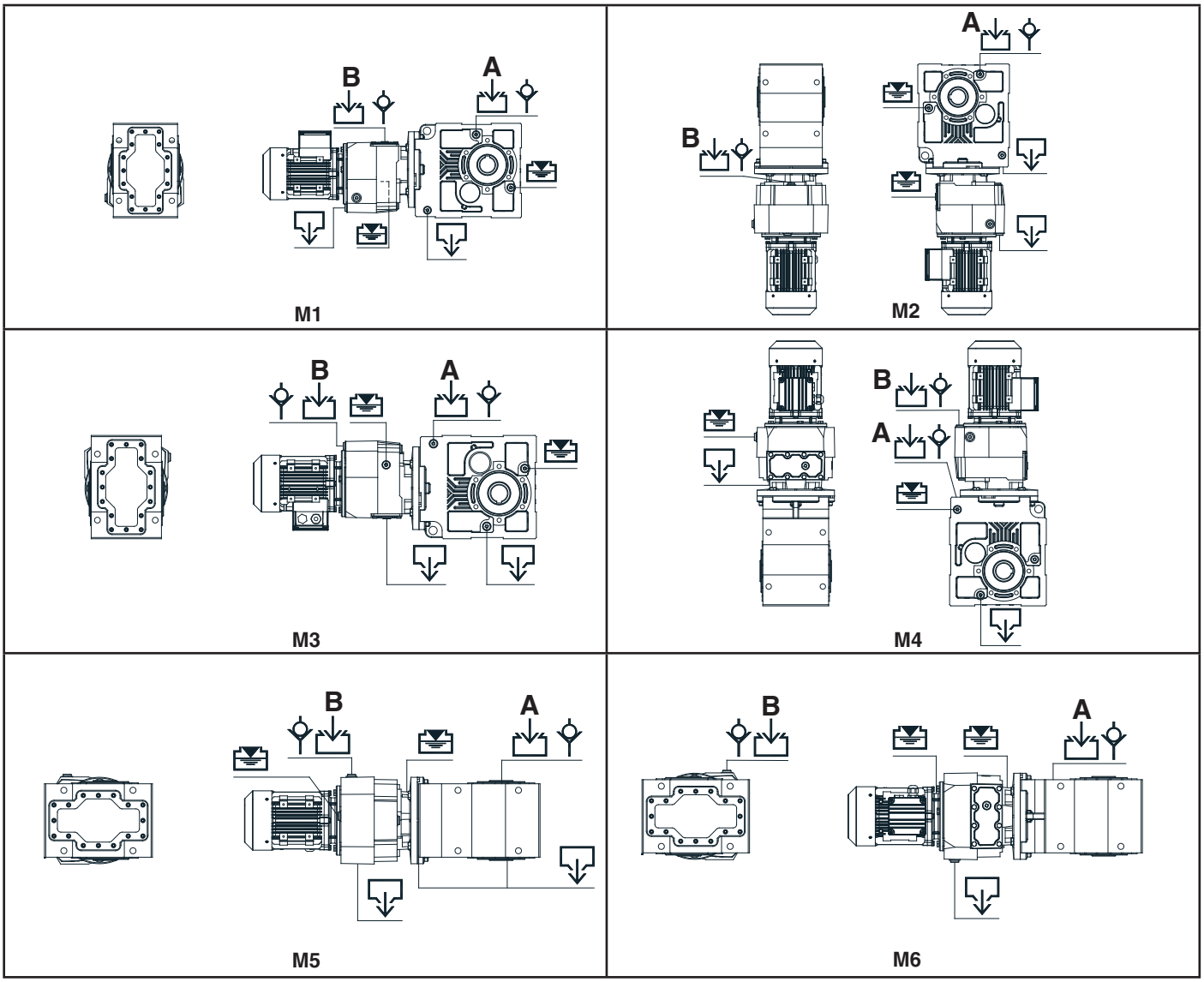


Oil Quantities (lt)

Type	M1 A / B	M2 A / B	M3 A / B	M4 A / B	M5 A / B	M6 A / B
K.284	1,2 / 0.20	2,4 / 0,20	2,5 / 0,20	2,9 / 0,20	1,9 / 0,20	1,9 / 0,20
K.374	1,4 / 0,25	3,3 / 0,25	3,4 / 0,25	4,0 / 0,25	1,9 / 0,25	2,2 / 0,25
K.474	2,7 / 0,4	5,9 / 0,4	6,5 / 0,4	7,8 / 0,4	4,0 / 0,4	4,5 / 0,4
K.574	4,1 / 0,5	9,0 / 0,5	9,7 / 0,5	11,5 / 0,5	5,5 / 0,5	6,6 / 0,5
K.674	8,7 / 0,9	16,3 / 0,9	18,0 / 0,9	22,5 / 0,9	11,7 / 0,9	13,2 / 0,9
K.774	13,0 / 1,0	28,0 / 1,0	30,0 / 1,0	35,0 / 1,0	18,0 / 1,0	20,0 / 1,0
K.874	28,0 / 2,2	50,0/ 2,2	46,0 / 2,2	63,0 / 2,2	45,0 / 2,2	36,0 / 2,2
K.974	47,0 / 7,0	85,0 / 7,0	85,0 / 7,0	117,0 / 7,0	77,0 / 7,0	64,0 / 7,0

Symbols: : Drain plug : Oil filling : Vent plug : Oil level

5 - 6 Stage Helical Geared Hollow shaft Gearboxes Oil Level Plugs and Oil Quantities



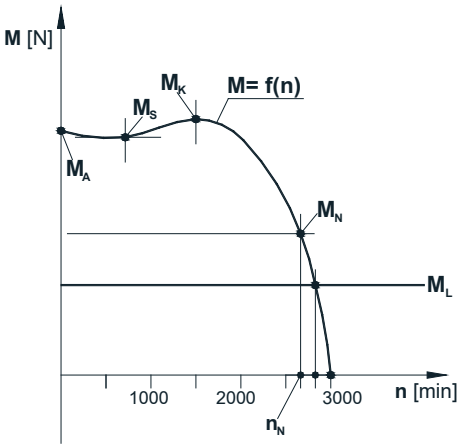
Oil Quantities. (lt)

Type	M1 A / B	M2 A / B	M3 A / B	M4 A / B	M5 A / B	M6 A / B
K.275-276	0,8 / 0,4	1,8 / 0,6	2,2 / 0,5	2,3 / 0,6	1,4 / 0,5	1,5 / 0,5
K.285-286	1,2 / 0,54	2,4 / 0,8	2,5 / 0,6	2,9 / 0,8	1,9 / 0,6	1,9 / 0,6
K.375-376	1,4 / 0,65	3,3 / 0,95	3,4 / 0,7	4,0 / 0,95	1,9 / 0,7	2,2 / 0,7
K.475-476	2,7 / 1,2	5,9 / 2,1	6,5 / 2,0	7,8 / 2,1	4,0 / 1,4	4,5 / 1,4
K.575-576	4,1 / 1,2	9,0 / 2,1	9,7 / 2,0	11,5 / 2,1	5,5 / 1,4	6,6 / 1,4
K.675-676	8,7 / 2,0	16,3 / 3,4	18,0 / 3,1	22,5 / 3,4	11,7 / 2,8	13,2 / 2,8
K.775-776	13,0 / 2,0	28,0 / 3,4	30,0 / 3,1	35,0 / 3,4	18,0 / 2,8	20,0 / 2,8
K.875-876	28,0 / 2,0	50,0 / 3,4	46,0 / 3,1	63,0 / 3,4	45,0 / 2,8	36,0 / 2,8
K.975-976	47,0 / 4,0	85,0 / 7,6	85,0 / 7,0	117,0 / 7,6	77,0 / 5,0	64,0 / 5,0

Symbols: : Drain plug : Oil filling : Vent plug : Oil level

AC Motors - General Specifications

On account of its simple and maintenance free construction, good reliability and price, the three phase squirrel cage motor is one of the most frequently employed electric motors. The run up behavior of a three phase squirrel cage motor is described by the torque-speed characteristic curve. An example is shown below.



M_A: Starting torgue

M_S: Pull-up torgue

M_K: Pull -out torgue

M_N: Motor rated torque

M_L: Load torque

The motor follows this torque characteristics up to its stable operating point every time, when it is switched on. Operating point is that point, where the moment speed curve intersects with load torque M_L line.
The magnetic field in the stator rotates at a synchronous speed n_s.

Phase shift of each pole is 120° at 3 phase motors.

$$n_S = 120 \times \frac{f}{p_S}$$

f: supply frequency [Hz]
p_s: number of stator poles

Because of the alternating magnetic field in the rotor, the rotor starts running in the same direction of the stator flux and tries to catch up with the rotating flux. The rotor never catches up the stator field. The rotor runs slower than the speed of the stator field.
This speed is called the base speed n_N.

A decrease in load will cause the rotor to speed up or decrease slip. The slip is defined as follows:

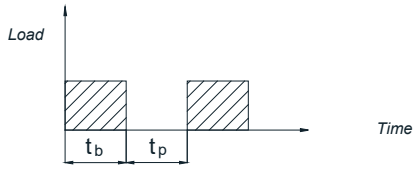
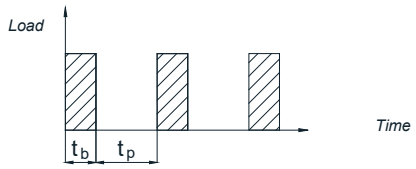
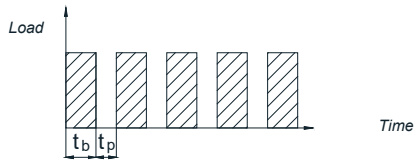
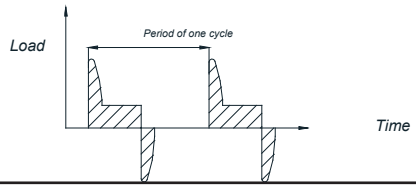
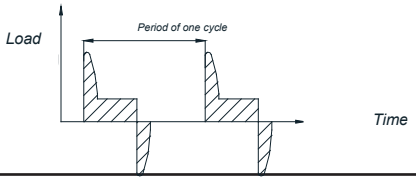
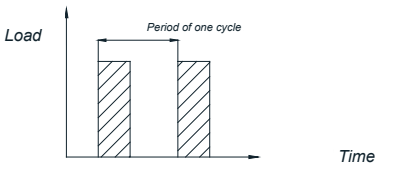
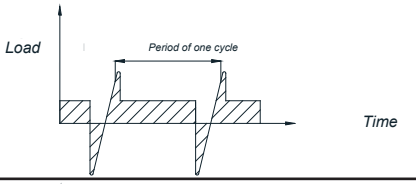
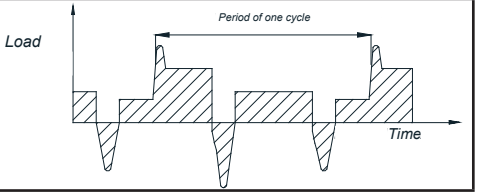
$$s = \frac{n_S - n_N}{n_S} \times 100$$

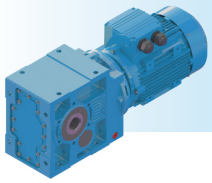
According to the slip, the nominal values of the electric motor can alter as follows:

Slip s: ± 20%
Starting current: ± 20%
Starting torque: -15 /+25 %
Moment of inertia: ± 10%
Efficiency (up to 37 kW): -0,15 (1-η)

AC Motors - Modes of Operation

All motors of the catalogue have been laid out for duty S1 (continuous operation). Other duty types are given on the following table.

Operation	Explanation	Load Graphic
S1	Continuous operation under constant load	
S2	Short-time duty under constant load	
S3	Periodic duty without influence of start-up on temperature	
S4	Periodic duty with influence of start up on temperature	
S5	Periodic duty with influence of startup and braking on temp.	
S6	Continuous operation with intermittent loading	
S7	Continuous operation with intermittent loading and breaking	
S8	Continuous operation duty type with related load-speed changes	



Protection Class

Dana uses IP54 (IEC 34-5) protection class electric motors for standard products. If different kind of protection class is requested please contact us.

Insulation Class

Dana uses F (IEC 317-8) insulation class electric motors for standard products. H insolation class is available upon request.

Efficiency Classes

The method for measuring the efficiency of low voltage three-phase asynchronous motors was revised with the new IEC 60034-2-1:2007 standard. The new IE classes is valid for AC Motors in power range from 0,75 to 375 kW.

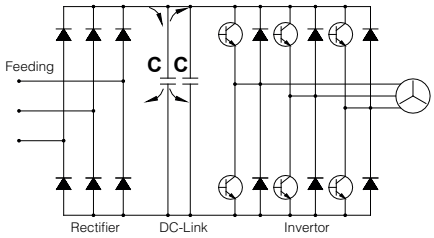
Unlike the EFF classes IE classes can be used for 6-pole AC motors. Bellow is the table of efficiency classes.
The instructions for efficiency classes can differ from country to country. Please contact with us for more information.

For the motors, which are fully integrated into a product (for example gear, pump) so their energy efficiency can not be recognized independently, the requirements of efficiency are not valid in Europe.

Efficiency Classes			Calculating Efficiency Values of Motors with 4 Poles	
IE1	**EFF 2**	**Standart Efficiency**	A=0,5234 B=-5,0499 C=17,4180 D=74,3171	$\eta_{Mn} = A \times \left[\log_{10}(P_L)\right] + B \times \left[\log_{10}(P_L)\right]^2 + C \times \log_{10}(P_L) + D$
IE2	**EFF 1**	**High Efficiency**	A=0,0278 B=-1,9247 C=10,4395 D=80,9761	P_L : Nominal Load [kW] η_{Mn} : Nominal Efficiency [kW]
IE3	**-**	**Premium Efficiency**	A=0,0773 B=-1,8951 C=9,2984 D=83,7025	
IE4	**-**	**Super Premium Efficiency**	-	

AC Frequency Inverters

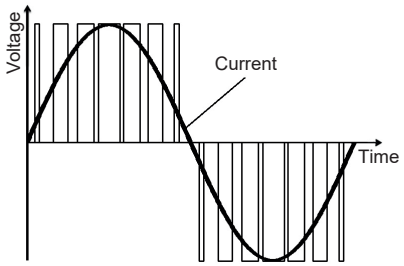
An electronic converter is a device which converts Direct Current (DC) to Alternating Current (AC) is known as an inverter. Electronic speed controllers for AC motors usually convert the AC supply to DC using a rectifier, and then convert it back to a variable frequency, variable voltage AC supply using an inverter bridge.
The connection between the rectifier and inverter is called the DC link.
The block diagram of a speed controller (often called an inverter) is shown below.

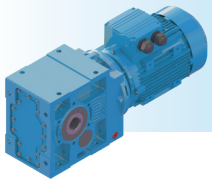


The three phase supply is fed into a full wave rectifier which supplies the DC link capacitors.
The capacitors reduce the voltage ripple (especially on single supplies) and supply energy for short mains breaks.
The voltage on the capacitors is uncontrolled and depends on the peak AC supply voltage.
The DC voltage is converted back to AC using Pulse Width Modulation (PWM).

The desired waveform is built up by switching the output transistors (Insulated Gate Bipolar Transistors; IGBTs) on and off at a fixed frequency (the switching frequency).

By varying the on and off time of the IGBTs the desired current can be generated. The output voltage is still a series of square wave pulses and the inductance of the motor windings results in a sinusodial motor current.
Pulse Width Modulation is shown in the figure below.





DC Motors - General Specifications

DC drive systems have found new possible applications with the development of the electronic components sector. What was previously extremely expensive and in some cases not economically feasible is nowadays realized by miniaturised power converter technology. Additional functions such as guided startup after a predetermined time, torque and current monitoring with electronic protection against overloading, and many inexpensive special applications have made DC drive systems more attractive.

DC Motors - Operating Principals

The DC motor requires, a converter with DC output. The motor includes windings, such as armature, field, commutation and compensation windings, which are arranged in the stator as well as on rotor. Voltage and current are supplied to the rotor via the carbon brushes and the commutator. The carbon brushes are wearing parts therefore a DC motor requires maintenance at service intervals. While its good control properties, the DC motor is an essential item in automation technology.

DC Motors - Types

Depending on the wiring of the exciting winding or field winding, two basically different variants are regards torque speed characteristics may be distinguished.

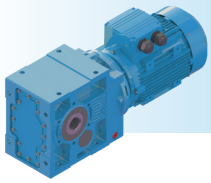
DC Motors - Speed Control

In DC motors the speed is adjusted by altering the DC voltage. DC shunt wounded motors behave similar to three phase induction motors between no load operation and maximum load. The speed drops with increasing loading of the motor. This difference is greater in small motors and smaller in larger motors.
The speed difference can compensated in the DC converter device by adjusting (I x R). If great control accuracy is required, a speed control with measurement of the actual values by a tachogenerator can be used.

The power of DC motor;

$$P_g = U \times I = \frac{P_c}{\eta}$$

P_g : Input Power W
P_C : Output Power W
U : Armature Voltage V
I : Armature Current A
η : Motor efficiency



Brakes - Types and General Informations

This type of brakes has two friction surfaces. Brake torque is generated by springs when no voltage is applied. The brake is electro-magnetically released. On exciting the electromagnet means of the current, the armature plate is pulled towards the electromagnet itself, thrust loading the pressure spring and enabling the friction disc which is axially movable on the key, to turn freely. When current fails, the pressured springs drive the armature plate towards the disc, thus braking the motor shaft.

Brake Types

a) Brakes without cooling
This type of brakes are assembled on the back cover of the electric motor. There is no fan on the backside. This brake type is mostly preferred in short working times and short working cycles.

b) Fan cooled brakes
This type of brakes are assembled on the back cover of electric motor by removing the electric motor fan. A fan is coupled to the backside of the brake by extending the rotor shaft of the electric motor. Fan cooled brakes are preferred in long working times and closed places without airflow.

c) Brakes with hand release
This brakes can be released by help of an arm. It can be applied to both of the above mentioned brakes and used in special cases (fail of electric current, mechanical problems etc.)These brakes are mostly preferred if operation (relasing) without a current is needed (automatic controlled doors, gates, building wall painting elevators etc.).

Brakes - Working Voltages

Electromagnetic brakes can be ordered with 230V AC or 400V AC supply voltage. The coil of brakes needs DC voltage and therefore depending on brake type a half wave, a full wave rectifier or transformer should be used between supply and coil voltage. As standard the brakes will be delivered with 230V supply voltage and half wave rectifier, if there is no special request. For special cases please contact Dana.

a) Brakes with 230V supply voltage
230V AC supply voltage from the motor terminal box will be reduced to the coil voltage depending on the brake type with half-wave or full-wave rectifier. DC brake coil voltage is indicated on the label.

b) Brakes with 400V supply voltage
400V AC supply voltage from the motor terminal box will be reduced to the coil voltage with half-wave rectifier. DC brake coil voltage indicated on the label.

c) 24V DC Brakes
The transformator's size is selected according to value of brake torque. The current is taken from the electric motor terminal box or from the electric panel and is transformed to 29V DC current. This current is transferred to 24V DC current with full-wave rectifier and supplies brake coil.

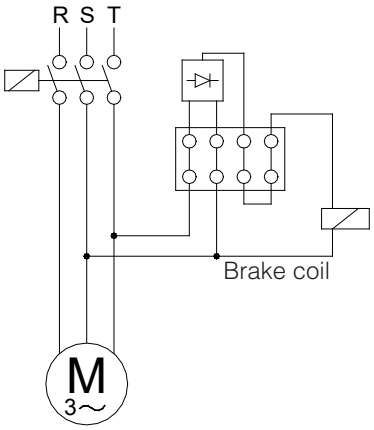
d) Shock voltage supply transformer
Brakes which consist of high power and torques take long time to get in electromagnetic field. Shock voltage supply transformers with time relay are aiming to overcome spring pressure delaying for brakes .Also this transformers provide to open system suddenly by feeding double(48V DC) voltage in a short time and preventing to frictional loses occurring in delayed opening.

Brakes - Connection Types

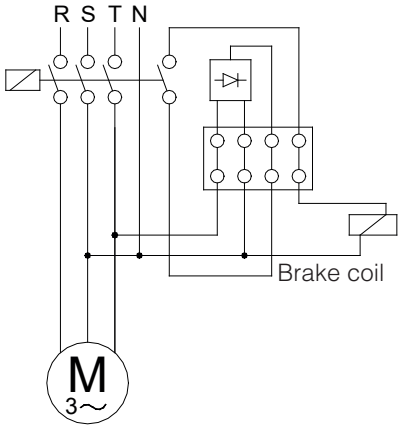
a) Delayed Braking
Generally this type of connection uses in slow and sliding brake intended systems. Delayed connection type using to prevent shock loadings in crane driving systems. Brakes are setting up to delayed connection if any other types are not specified by customer

b) Sudden Braking
This type of connections are mostly used in systems when short braking times are needed. The braking torque will be produced as soon as the current fails. These brakes are mostly used in hoisting of lifting units and elevators.

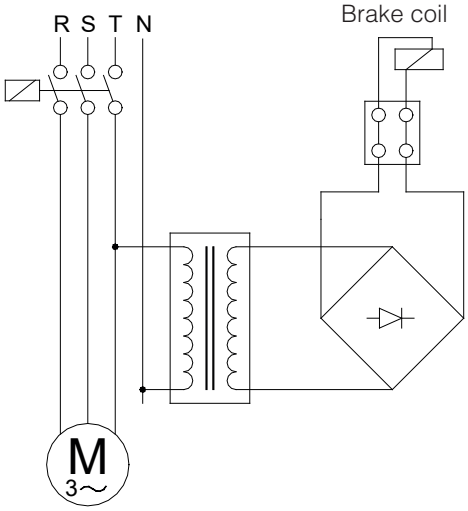
Delayed Running Brake (230 V)



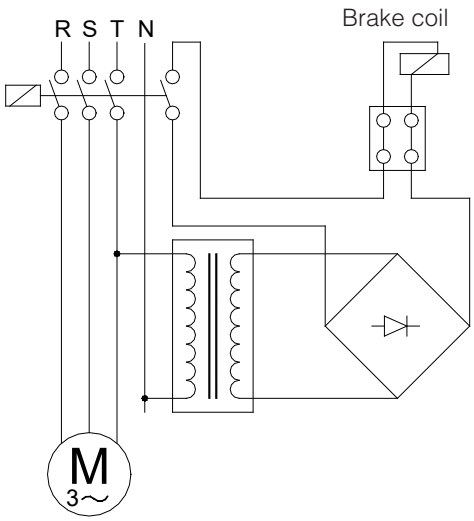
Sudden Brake (230 V)



Delayed Running Brake (24 V)



Sudden Brake (24 V)



Brakes - Selection

To select a brake correctly the following data are necessary;

- **I_{tot} [kg . m²]** : The total inertia of rotating parts reduced at the motor shaft
- **n_0 [rpm]** : Maximum motor speed.
- **t_f [s]** : The maximum admitted time of the braking.
- **c_t** : Coefficient of switch on time (average 0,995).
- **M_L [Nm]** : Required static torque of system.
- **C_S** : Safety coefficient ($C_S \geq 2$)

The necessary braking torque calculates below:

a) The static load torque M_L ,
same direction of motor rotation (Descent of a load or steady resisting torque which favours the rotation of the motor)

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} + M_L$$

b) The static load torque M_L ,
opposes the rotation of the motor (Lifting of a load or steady resisting torque which opposes the rotation of the motor)

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} - M_L$$

The necessary braking torque will result from the following equation using C_S ($C_S \geq 2$);

$$M_f = M_{fc} \times C_s$$

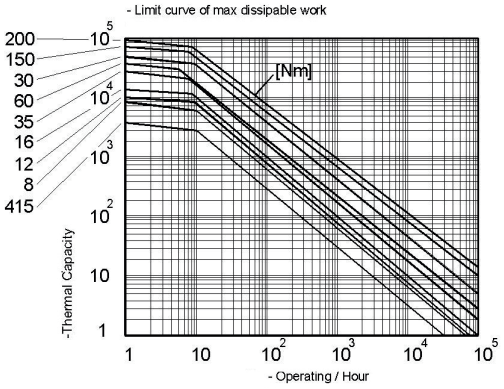
Approximated Brake Selection
Its only the motor power and its maximum speed are known:

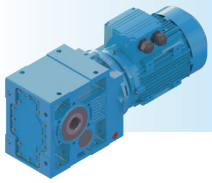
W [Watt]: Motor Nominal Power

$$M_f = \frac{W}{\frac{(2\pi \times n_0)}{60}} \times C_s \quad (C_s \geq 2)$$

Standard Brakes

Brake Static Torque [Nm]	4,5	8	12	16	35	60	80	150	200
Brake Dynamic Torque [Nm]	3,6	6,4	9,6	12,8	28	48	64	120	160
Maximum Motor Speed [rpm]	3000	3000	3000	3000	3000	3000	3000	1500	1500
Input Power [W]	15	20	25	30	45	50	55	60	65





Brakes - Thermal Capacity

The thermal capacity of the brake must also be checked after the above mentioned calculations.The heat dissipation energy L (joule) can be calculated from the following equation and must be checked if the result is under the limit curve shown on ''Limit curve of may dissipable work''.

a) The static load torgue M_L ,favours the rotation of the motor (Descent of a load which favours the rotation of the motor)

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f - M_L}\right)$$

b) The static load torgue M_L ,opposes the rotation of the motor (Lifting of a load which opposes the rotation of the motor)

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f + M_L}\right)$$

c) The static load torgue M_L ,is constant and opposes or favours the rotation of the motor (except lifting of a load)

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2}$$

Adjustment of the air-gap:

In order to obtain the same performance from the brake during its lifetime,the air-gap of the brake must be re-adjusted after a limited time of operation For the air-gap and the time interval of the adjustment please contact us.

Selection Example:
The maximum admitted time for braking 0,5 s
Motor speed: 1400 rpm
Total inertia reduced at motor shaft: 0,08 kgm^2

Required operating torque:50 Nm
Nature of load: Load direction is same as motor direction(Unloading process: Start-stop time per hour :30)

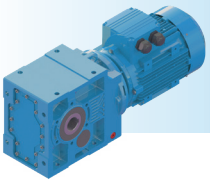
$$M_{fc} = \frac{(2\pi \times 1400 \div 60)}{0,5 \times 0,995} + 50 = 73,6\ Nm$$

$$M_f = 73,6 \times 2 = 147,2\ Nm$$

From the brake selection table a standard brake of 150 Nm is selected.
Necessary thermal capacity

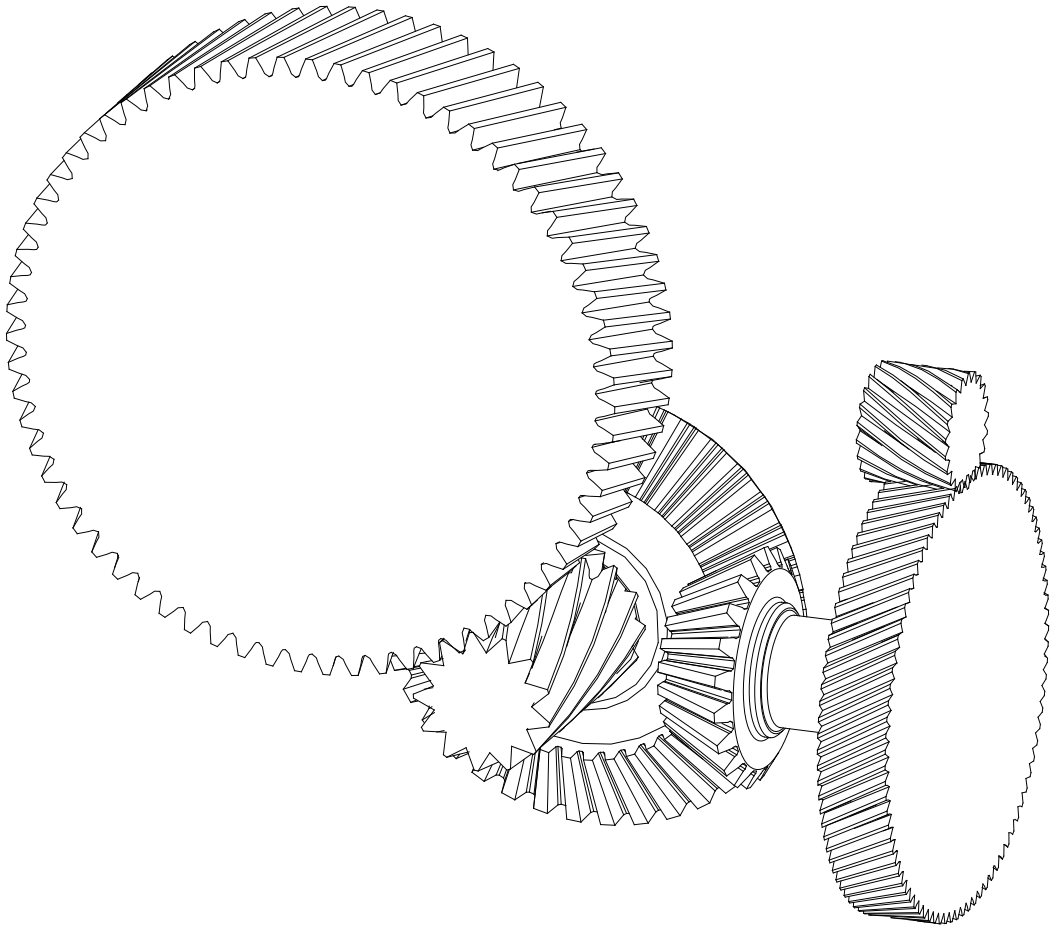
$$L = \frac{0,08 \times (2\pi \times 1400 \div 60)^2}{2} \times \left(\frac{147,2}{147,2 - 50}\right) = 1302,0 < 18000 \text{ Joule (from 150 Nm curve)}$$

The selected brake with 150 Nm is suitable.

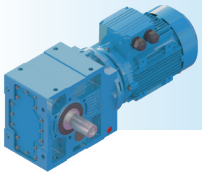


DANA BREVINI® Motion Systems

PERFORMANCE TABLES

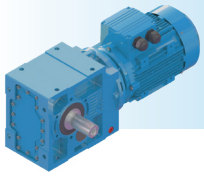


KR version are referenced in the following performace tables, if electric motor data are known you can either select KN, KV version using the same tables or through the on line configurator.



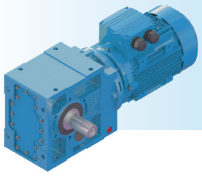
KR / KN / KV - PERFORMANCE TABLES

Power P_g [kW] P_g [HP]	Output Speeds n_2 [r.p.m]	Output Torque M_2 [Nm]	Ratio i	Radial Loads (Output) F_{qam} [N]	Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	Motor Eff. Class *
0,12 0,16	0,24 0,34 0,38 0,50 0,59	3625 2626 2335 1792 1516	**5587,93** **4047,32** **3597,31** **2755,47** **2328,84**	7240 23398 26003 29938 31626	0,7 1,0 1,2 1,5 1,8	**KR576-G63/4a**	0,41	156	162	IE1
	0,61 0,72 1,0	1484 1255 909	**2236,28** **1890,04** **1368,95**	31807 33033 34685	1,8 2,2 3,0	**KR575-G63/4a**	0,41	151	162	IE1
	0,48 0,51 0,55 0,63	1872 1740 1629 1428	**2873,07** **2663,91** **2495,47** **2183,54**	13041 14648 15826 17680	0,8 0,9 1,0 1,1	**KR476-G63/4a**	0,41	113	150	IE1
	0,77 0,92 1,0 1,1 1,2 1,4 1,5 1,6	1174 981 927 811 762 648 602 564	**1767,90** **1476,60** **1395,04** **1218,61** **1142,99** **971,77** **901,03** **844,06**	19651 20883 21205 21859 22124 22698 22917 23096	1,3 1,6 1,7 1,9 2,0 2,4 2,6 2,7	**KR475-G63/4a**	0,41	109	150	IE1
	0,80 0,91 1,0 1,2	1104 977 913 773	**1699,70** **1500,87** **1401,91** **1184,90**	7414 9855 10823 12605	0,7 0,8 0,9 1,1	**KR376-G63/4a**	0,41	68	138	IE1
	1,2 1,4 1,7 2,0 2,3 2,5 2,9 3,1	728 644 542 461 395 358 317 296	**1094,97** **968,01** **814,20** **692,22** **593,11** **536,75** **473,96** **442,71**	13096 13938 14798 15452 15919 16168 16429 16555	1,1 1,3 1,5 1,8 2,1 2,3 2,6 2,8	**KR375-G63/4a**	0,41	64	138	IE1
	1,0 1,2	877 742	**1347,72** **1139,09**	13774 14977	0,7 0,8	**KR286-G63/4a**	0,41	49	126	IE1
	1,3 1,5 1,7 2,1 2,4 2,6 3,0 3,2 3,8	698 618 520 442 379 343 304 284 240	**1052,64** **930,59** **782,73** **665,46** **570,18** **516,00** **455,64** **425,60** **359,71**	15307 15898 16527 16974 17307 17484 17670 17759 17948	0,9 1,0 1,2 1,4 1,6 1,7 2,0 2,1 2,5	**KR285-G63/4a**	0,41	49	126	IE1
	1,5 1,9	574 479	**881,79** **735,42**	11145 11863	0,8 0,9	**KR276-G63/4a**	0,41	30	114	IE1
	1,9 2,0 2,4	479 449 382	**719,79** **675,13** **573,99**	11862 12064 12488	0,9 1,0 1,2	**KR275-G63/4a**	0,41	29	114	IE1



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,12 0,16	2,7 3,1 3,8 4,5 5,4 6,3 6,8 10	332 291 241 201 168 145 134 89	**498,55** **436,24** **360,73** **300,85** **252,20** **215,91** **200,35** **131,68**	12772 12990 13234 13412 13557 13646 13683 14145	1,4 1,5 1,9 2,2 2,7 3,1 3,4 4,0	**KR275-G63/4a**	0,41	29	114	IE1
	9,9 11	106 92	**138,53** **119,62**	10316 9906	2,6 3,0	**KR203-G63/4a**	0,41	26	106	IE1
	11 12 13 15 18 20 22	99 89 81 68 59 52 48	**129,27** **116,34** **105,26** **88,87** **76,13** **67,22** **62,79**	6729 6883 7001 7157 7256 7315 7342	1,4 1,6 1,7 2,1 2,4 2,7 2,9	**KR103-G63/4a**	0,41	15	102	IE1
	11 14 15 17 20 24 28 30 39 46 53 57	93 75 69 62 52 44 38 35 27 23 20 18	**120,91** **98,44** **89,62** **80,66** **67,44** **57,16** **48,93** **45,41** **35,34** **29,95** **25,64** **23,79**	3531 4201 4408 4585 4810 4944 5038 5072 4972 4742 4532 4433	0,9 1,1 1,2 1,3 1,5 1,8 2,1 2,3 2,9 3,5 4,0 4,0	**KR003-G63/4a**	0,41	15	98	IE1
	69 84 93 103 123 145 170 183	15 13 11 10 8,6 7,3 6,3 5,8	**19,88** **16,18** **14,73** **13,26** **11,09** **9,40** **8,04** **7,46**	4199 3946 3834 3712 3512 3334 3175 3101	4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0	**KR002-G63/4a**	0,41	14	98	IE1
0,18 0,25	0,12 0,13 0,16 0,19 0,22 0,24 0,27 0,31 0,35 0,39 0,45	12027 10648 8974 7644 6560 5943 5193 4585 4081 3658 3175	**7938,12** **7017,76** **5902,70** **5018,35** **4299,81** **3891,23** **3396,71** **2996,39** **2665,68** **2387,89** **2074,42**	96372 101842 107759 111973 115121 116636 118622 120155 121374 123281 128178	1,2 1,4 1,7 2,0 2,3 2,5 2,9 3,3 3,7 4,0 4,0	**KR876-3E71M/6C** **KR876-2E71M/6B**	0,55 0,60	646 645	198	IE3 IE2
	0,37 0,49 0,58	3766 2890 2445	**3597,31** **2755,47** **2328,84**	- 20604 25068	0,7 0,9 1,1	**KR576-G63/4b**	0,60	156	162	IE1
	0,60 0,71	2393 2025	**2236,28** **1890,04**	25513 28383	1,1 1,3	**KR575-G63/4b**	0,60	152	162	IE1

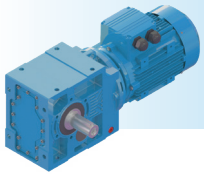
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

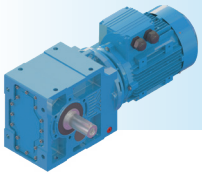
Power P_g [kW] P_g [HP]	Output Speeds n_2 [r.p.m]	Output Torque M_2 [Nm]	Ratio i	Radial Loads (Output) F_{qam} [N]	Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	Motor Eff. Class *
0,18 0,25	1,0 1,1 1,4 1,7	1467 1304 1002 848	**1368,95** **1216,74** **932,00** **787,70**	31902 32739 34264 34954	1,8 2,1 2,7 3,2	**KR575-G63/4b**	0,60	152	162	IE1
	0,76 0,91 1,0 1,1 1,2 1,4 1,5 1,6	1893 1583 1496 1309 1228 1045 971 909	**1767,90** **1476,60** **1395,04** **1218,61** **1142,99** **971,77** **901,03** **844,06**	12768 16283 17091 18641 19241 20486 20944 21342	0,8 1,0 1,0 1,2 1,3 1,5 1,6 1,7	**KR475-G63/4b**	0,60	110	150	IE1
	2,0 2,2 2,5 3,0 3,2	752 673 592 495 468	**472,63** **422,88** **371,35** **310,16** **293,03**	22172 22575 22937 23382 23501	2,1 2,3 2,6 3,1 3,3	**KR474-3E71M/6C** **KR474-2E71M/6B**	0,55 0,60	100 99	146	IE3 IE2
	1,2 1,4 1,6 1,9 2,3	1174 1038 874 744 638	**1094,97** **968,01** **814,20** **692,22** **593,11**	5584 8794 11365 12924 13987	0,7 0,8 0,9 1,1 1,3	**KR375-G63/4b**	0,60	70	138	IE1
	2,5 3,1 3,6	584 471 413	**367,43** **295,76** **259,36**	14465 15381 15796	1,4 1,7 2,0	**KR374-3E71M/6C** **KR374-2E71M/6B**	0,55 0,60	62 61	134	IE3 IE2
	3,6 4,5 5,2	406 327 287	**367,43** **295,76** **259,36**	15848 16367 16610	2,0 2,5 2,9	**KR374-G63/4b**	0,60	59	134	IE1
	1,7 2,0 2,4	839 714 612	**782,73** **665,46** **570,18**	14151 15200 15951	0,7 0,8 1,0	**KR285-G63/4b**	0,60	49	126	IE1
	2,6 3,3 3,7	561 452 396	**353,22** **284,33** **249,33**	16274 16924 17220	1,1 1,3 1,5	**KR284-3E71M/6C** **KR284-2E71M/6B**	0,55	47 46	122	IE3 IE2
	3,8 4,7 5,4 6,1	389 313 275 243	**353,22** **284,33** **249,33** **220,43**	17257 17626 17799 17935	1,5 1,9 2,2 2,5	**KR284-G63/4b**	0,60	44	122	IE1
	2,3 2,7 3,1 3,7 4,5 5,3 6,2 6,7	616 535 469 388 324 272 233 217	**573,99** **498,55** **436,24** **360,73** **300,85** **252,20** **215,91** **200,35**	10785 11448 11945 12451 12816 13085 13268 13343	0,7 0,8 1,0 1,2 1,4 1,7 1,9 2,1	**KR275-G63/4b**	0,60	29	114	IE1
	8,2 9,6	184 157	**113,65** **96,68**	13475 13588	2,4 2,9	**KR273-3E71M/6C** **KR273-2E71M/6B**	0,55 0,60	30 29	108	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,18 0,25	11	136	**83,48**	13672	3,3	**KR273-3E71M/6C** **KR273-2E71M/6B**	0,55 0,60	30 29	110	IE3 IE2
	12 14	127 109	**113,65** **96,68**	13715 13835	3,5 4,0	**KR273-G63/4b**	0,60	28	110	IE1
	6,7 7,8 8,9 9,5	236 204 179 168	**138,53** **119,62** **104,49** **98,01**	8627 9260 9670 9834	1,2 1,4 1,6 1,7	**KR203-3E71M/6C** **KR203-2E71M/6B**	0,55 0,60	19 18	106	IE3 IE2
	9,7 11 13 14 16	164 141 124 116 99	**138,53** **119,62** **104,49** **98,01** **83,32**	9866 9527 9212 9063 8687	1,7 2,0 2,3 2,4 2,8	**KR203-G63/4b**	0,60	26	106	IE1
	8,8 10	179 152	**105,26** **88,87**	4409 5481	0,8 0,9	**KR103-3E71M/6C** **KR103-2E71M/6B**	0,55 0,60	15 14	102	IE3 IE2
	10 12 13 15 18 20 21 25 30 35	152 137 124 105 90 80 74 63 53 45	**129,27** **116,34** **105,26** **88,87** **76,13** **67,22** **62,79** **53,07** **44,32** **38,22**	5455 5902 6228 6624 6873 7021 7086 6957 6622 6353	0,9 1,0 1,1 1,3 1,6 1,8 1,9 2,2 2,7 3,0	**KR103-G63/4b**	0,60	15	102	IE1
	15 17 20 23 27 30 38 45 52 56	106 95 80 68 58 54 42 36 30 28	**89,62** **80,66** **67,44** **57,16** **48,93** **45,41** **35,34** **29,95** **25,64** **23,79**	2782 3405 4058 4437 4678 4765 4802 4602 4415 4326	0,8 0,8 1,0 1,2 1,4 1,5 1,9 2,3 2,6 2,8	**KR003-G63/4b**	0,60	15	98	IE1
	67 83 91 101 121 143 167 180	24 19 18 16 13 11 9,7 9,0	**19,88** **16,18** **14,73** **13,26** **11,09** **9,40** **8,04** **7,46**	4113 3879 3775 3661 3471 3303 3150 3079	3,4 3,9 4,0 4,0 4,0 4,0 4,0 4,0	**KR002-G63/4b**	0,60	15	98	IE1
	213 254 300 351 378	7,5 6,2 5,3 4,5 4,2	**13,26** **11,09** **9,40** **8,04** **7,46**	2923 2764 2624 2498 2440	4,0 4,0 4,0 4,0 4,0	**KR002-G63/2a**	0,50	10	98	IE1

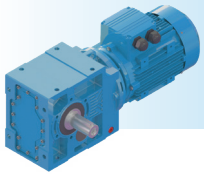
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

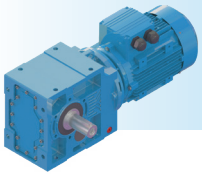
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,25 0,34	0,16	12585	**9052,24**	93983	1,2	**KR876-3E71M/4C**	0,67	648	198	IE3
	0,18	11054	**7938,12**	100294	1,4	**KR876-2E71M/4B**	0,71	647		IE2
	0,20	9787	**7017,76**	104980	1,5					
	0,24	8248	**5902,70**	109927	1,8					
	0,29	7025	**5018,35**	113658	2,1					
	0,33	6029	**4299,81**	116464	2,5					
	0,37	5462	**3891,23**	117976	2,7					
	0,42	4773	**3396,71**	119816	3,1					
	0,48	4214	**2996,39**	121167	3,6					
	0,54	3751	**2665,68**	122163	4,0					
	0,60	3362	**2387,89**	126388	4,0					
	0,20	9930	**7156,22**	41071	0,8	**KR776-3E71M/4C**	0,67	392	186	IE3
	0,22	8858	**6380,72**	49391	0,9	**KR776-2E71M/4B**	0,71	391		IE2
	0,26	7801	**5610,63**	55893	1,0					
	0,32	6287	**4516,30**	63529	1,3					
	0,36	5522	**3960,44**	66795	1,4					
	0,41	4889	**3501,26**	69254	1,6					
	0,69	2961	**2066,04**	75548	2,7	**KR775-3E71M/4C**	0,67	392	186	IE3
	0,80	2556	**1786,65**	76703	3,1	**KR775-2E71M/4B**	0,71	391		IE2
	0,37	5341	**3844,04**	13985	0,8	**KR676-3E71M/4C**	0,67	318	174	IE3
	0,42	4729	**3398,35**	23714	0,9	**KR676-2E71M/4B**	0,71	317		IE2
	0,50	3986	**2858,39**	31305	1,1					
	0,59	3395	**2430,14**	35760	1,3					
	0,69	2914	**2082,19**	38846	1,5					
	0,77	2679	**1875,03**	40199	1,6	**KR675-3E71M/4C**	0,67	316	174	IE3
	0,90	2278	**1597,25**	42315	1,9	**KR675-2E71M/4B**	0,71	315		IE2
	1,0	1961	**1373,07**	43773	2,2					
	1,2	1703	**1191,60**	44927	2,5					
	1,4	1490	**1041,68**	45867	2,9					
	1,6	1311	**915,75**	46541	3,3					
	0,64	3169	**2236,28**	16952	0,9	**KR575-3E71M/4C**	0,67	156	162	IE3
	0,76	2681	**1890,04**	22886	1,0	**KR575-2E71M/4B**	0,71	155		IE2
	1,0	1942	**1368,95**	28913	1,4					
	1,2	1727	**1216,74**	30365	1,6					
	1,5	1327	**932,00**	32610	2,0					
	1,8	1123	**787,70**	33654	2,4					
	2,0	1060	**469,74**	33992	2,5	**KR574-3E71M/6D**	0,77	164	158	IE3
	2,3	897	**397,01**	34694	3,0	**KR574-2E71M/6C**	0,78	163		IE2
	1,0	1981	**1395,04**	11495	0,8	**KR475-3E71M/4C**	0,67	113	150	IE3
	1,2	1733	**1218,61**	14733	0,9	**KR475-2E71M/4B**	0,71	112		IE2
	1,3	1627	**1142,99**	15892	1,0					
	1,5	1384	**971,77**	18047	1,1					
	1,6	1286	**901,03**	18816	1,2					
	1,7	1204	**844,06**	19393	1,3					
	2,0	1067	**472,63**	20346	1,5	**KR474-3E71M/6D**	0,77	118	146	IE3
	2,2	954	**422,88**	21045	1,6	**KR474-2E71M/6C**	0,78	117		IE2
	2,5	839	**371,35**	21708	1,8					
	3,0	691	**472,63**	22459	2,2	**KR474-3E71M/4C**	0,67	98	146	IE3
	3,4	618	**422,88**	22819	2,5	**KR474-2E71M/4B**	0,71	97		IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,25 0,34	3,9 4,6	544 455	**371,35** **310,16**	23170 23565	2,9 3,4	**KR474-3E71M/4C** **KR474-2E71M/4B**	0,67 0,71	98 97	146	IE3 IE2
	2,1 2,4	985 844	**692,22** **593,11**	9709 11751	0,8 1,0	**KR375-3E71M/4C** **KR375-2E71M/4B**	0,67 0,71	72 71	138	IE3 IE2
	2,5 3,1 3,6	829 667 586	**367,43** **295,76** **259,36**	11952 13705 14452	1,0 1,2 1,4	**KR374-3E71M/6D** **KR374-2E71M/6C**	0,77 0,78	64 63	134	IE3 IE2
	3,9 4,9 5,5	537 432 380	**367,43** **295,76** **259,36**	14862 15638 16006	1,5 1,9 2,2	**KR374-3E71M/4C** **KR374-2E71M/4B**	0,67 0,71	64 63	134	IE3 IE2
	6,3 7,3 8,4	342 293 255	**148,75** **127,30** **110,61**	16244 16551 16778	2,4 2,8 3,2	**KR373-3E71M/6D** **KR373-2E71M/6C**	0,77 0,78	59 58	130	IE3 IE2
	3,3 3,7	641 563	**284,33** **249,33**	15743 16265	0,9 1,1	**KR284-3E71M/6D** **KR284-2E71M/6C**	0,77 0,78	48 47	122	IE3 IE2
	4,1 5,0 5,8	516 415 365	**353,22** **284,33** **249,33**	16555 17122 17382	1,2 1,4 1,6	**KR284-3E71M/4C** **KR284-2E71M/4B**	0,67 0,71	47 46	122	IE3 IE2
	6,5 7,6 8,7	329 282 245	**143,00** **122,38** **106,33**	17555 17770 17928	1,8 2,1 2,4	**KR283-3E71M/6D** **KR283-2E71M/6C**	0,77 0,78	37 36	118	IE3 IE2
	4,0 4,8 5,7 6,6 7,2	514 429 360 309 287	**360,73** **300,85** **252,20** **215,91** **200,35**	11610 12197 12602 12885 12999	0,9 1,0 1,3 1,5 1,6	**KR275-3E71M/4C** **KR275-2E71M/4B**	0,67 0,71	34 33	114	IE3 IE2
	8,2 9,6 11	262 223 193	**113,65** **96,68** **83,48**	13120 13304 13438	1,7 2,0 2,3	**KR273-3E71M/6D** **KR273-2E71M/6C**	0,77 0,78	24 23	110	IE3 IE2
	13 15 17 20	169 144 125 109	**113,65** **96,68** **83,48** **72,92**	13539 13640 13715 13811	2,7 3,1 3,6 4,0	**KR273-3E71M/4C** **KR273-2E71M/4B**	0,67 0,71	32 31	110	IE3 IE2
	6,7 7,8 8,9 9,5	329 284 249 233	**138,53** **119,62** **104,49** **98,01**	5687 7369 8343 8691	0,9 1,0 1,1 1,2	**KR203-3E71M/6D** **KR203-2E71M/6C**	0,77 0,78	30 29	106	IE3 IE2
	10 12 14 15 17	213 184 161 151 129	**138,53** **119,62** **104,49** **98,01** **83,32**	9100 8885 8634 8512 8200	1,3 1,5 1,7 1,9 2,2	**KR203-3E71M/4C** **KR203-2E71M/4B**	0,67 0,71	29 28	106	IE3 IE2

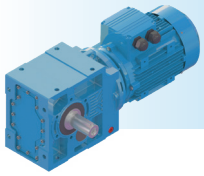
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

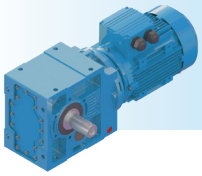
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,25 0,34	20 23 27	112 98 81	**72,37** **63,33** **52,37**	7923 7660 7287	2,5 2,9 3,5	**KR203-3E71M/4C** **KR203-2E71M/4B**	0,67 0,71	29 28	106	IE3 IE2
	12 14 16 19 21 23 27 32 38 41 44 52	179 162 137 117 104 97 82 68 59 54 51 43	**116,34** **105,26** **88,87** **76,13** **67,22** **62,79** **53,07** **44,32** **38,22** **35,22** **32,90** **27,81**	4438 5147 5917 6381 6648 6765 6580 6290 6052 5922 5814 5551	0,8 0,9 1,0 1,2 1,4 1,4 1,7 2,0 2,3 2,5 2,6 2,9	**KR103-3E71M/4C** **KR103-2E71M/4B**	0,67 0,71	16 15	102	IE3 IE2
	56 68 75	40 33 30	**25,50** **21,25** **19,13**	6012 5638 5434	3,0 3,5 3,7	**KR102-3E71M/4C** **KR102-2E71M/4B**	0,67 0,71	16 15	102	IE3 IE2
	21 25 29 32 41 48 56 60	104 88 75 70 55 46 40 37	**67,44** **57,16** **48,93** **45,41** **35,34** **29,95** **25,64** **23,79**	2913 3732 4200 4366 4498 4334 4176 4100	0,8 0,9 1,1 1,1 1,5 1,7 2,0 2,2	**KR003-3E71M/4C** **KR003-2E71M/4B**	0,67 0,71	16 15	98	IE3 IE2
	72 89 97 108 129 153 178 192	31 25 23 21 17 15 13 12	**19,88** **16,18** **14,73** **13,26** **11,09** **9,40** **8,04** **7,46**	3912 3704 3610 3507 3334 3178 3036 2970	2,6 3,0 3,2 3,6 4,0 4,0 4,0 4,0	**KR002-3E71M/4C** **KR002-2E71M/4B**	0,67 0,71	15 14	98	IE3 IE2
	193 214 256 302 353 380	12 10 8,7 7,4 6,3 5,8	**14,73** **13,26** **11,09** **9,40** **8,04** **7,46**	2969 2877 2725 2590 2469 2412	4,0 4,0 4,0 4,0 4,0 4,0	**KR002-G63/2b**	0,67	15	98	IE1
0,37 0,50	0,14 0,17 0,22 0,27 0,28 0,33 0,40 0,42 0,47	22198 17632 13835 11582 10950 9323 7807 7381 6611	**6741,12** **5350,83** **4189,63** **3499,30** **3306,00** **2811,23** **2348,01** **2218,31** **1985,89**	68563 78718 85543 89007 89904 92132 93967 94484 95380	0,9 1,1 1,4 1,7 1,8 2,1 2,6 2,7 3,0	**KR976-3E80M/6B** **KR976-2E80M/6A**	1,03 1,08	1100 1098	210	IE3 IE2
	0,59 0,65	5383 4836	**1585,92** **1423,89**	96726 97895	3,7 4,0	**KR975-3E80M/6B** **KR975-2E80M/6A**	1,03 1,08	1095 1093	210	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,37 0,50	0,24 0,29 0,33 0,37 0,42 0,48 0,54 0,60 0,69	12585 10719 9199 8334 7282 6429 5723 5130 4453	**5902,70** **5018,35** **4299,81** **3891,23** **3396,71** **2996,39** **2665,68** **2387,89** **2074,42**	93986 101578 107005 109836 112900 115362 117288 118834 120596	1,2 1,4 1,6 1,8 2,1 2,3 2,6 2,9 3,4	**KR876-3E71M/4D** **KR876-2E71M/4C**	0,97 1,00	648 647	198	IE3 IE2
	0,76 0,86 0,96	4136 3661 3276	**1891,08** **1671,18** **1495,27**	121282 123252 127227	3,6 4,0 4,0	**KR875-3E71M/4D** **KR875-2E71M/4C**	0,97 1,00	646 645	198	IE3 IE2
	0,32 0,36 0,41	9593 8426 7460	**4516,30** **3960,44** **3501,26**	43792 52309 57772	0,8 0,9 1,1	**KR776-3E71M/4D** **KR776-2E71M/4C**	0,97 1,00	390 389	186	IE3 IE2
	0,69 0,80 0,93 1,1 1,2	4518 3900 3380 2959 2611	**2066,04** **1786,65** **1547,01** **1353,02** **1192,77**	70492 72622 74285 75554 76552	1,8 2,1 2,4 2,7 3,1	**KR775-3E71M/4D** **KR775-2E71M/4C**	0,97 1,00	388 387	186	IE3 IE2
	0,59 0,69	5180 4446	**2430,14** **2082,19**	17163 26845	0,8 1,0	**KR676-3E71M/4D** **KR676-2E71M/4C**	0,97 1,00	251 250	174	IE3 IE2
	0,77 0,90 1,0 1,2 1,4 1,6 1,8 2,0 2,3	4088 3476 2991 2598 2273 2000 1770 1584 1394	**1875,03** **1597,25** **1373,07** **1191,60** **1041,68** **915,75** **809,27** **724,08** **635,86**	30390 35191 38300 40646 42341 43590 44633 45432 46212	1,1 1,2 1,4 1,7 1,9 2,2 2,4 2,7 3,1	**KR675-3E71M/4D** **KR675-2E71M/4C**	0,97 1,00	247 246	174	IE3 IE2
	1,0 1,2 1,5 1,8	2963 2635 2025 1713	**1368,95** **1216,74** **932,00** **787,70**	19659 23352 28381 30450	0,9 1,0 1,3 1,6	**KR575-3E71M/4D** **KR575-2E71M/4C**	0,97 1,00	186 184	162	IE3 IE2
	2,0 2,3 2,8	1618 1369 1136	**469,74** **397,01** **328,56**	31010 32395 33599	1,7 2,0 2,4	**KR574-3E80M/6B** **KR574-2E80M/6A**	1,03 1,08	161 160	158	IE3 IE2
	3,1 3,6	1049 887	**469,74** **397,01**	34013 34755	2,6 3,0	**KR574-3E71M/4D** **KR574-2E71M/4C**	0,97 1,00	153 152	158	IE3 IE2
	2,0 2,2 2,5	1628 1456 1280	**472,63** **422,88** **371,35**	15838 17441 18861	1,0 1,1 1,2	**KR474-3E80M/6B** **KR474-2E80M/6A**	1,03 1,08	100 99	146	IE3 IE2
	3,0 3,4 3,9	1055 944 830	**472,63** **422,88** **371,35**	20423 21109 21728	1,5 1,6 1,9	**KR474-3E71M/4D** **KR474-2E71M/4C**	0,97 1,00	98 97	146	IE3 IE2

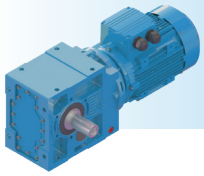
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

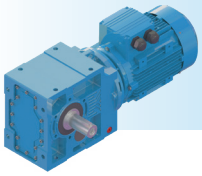
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,37 0,50	4,6 4,9	694 656	**310,16** **293,03**	22447 22637	2,2 2,4	**KR474-3E71M/4D** **KR474-2E71M/4C**	0,97 1,00	98 97	146	IE3 IE2
	6,1 6,8 8,4	540 478 390	**153,47** **135,98** **110,65**	23177 23477 23849	2,9 3,2 4,0	**KR473-3E80M/6B** **KR473-2E80M/6A**	1,03 1,08	93 92	142	IE3 IE2
	3,1 3,6 3,9 4,9 5,5 6,3	1018 894 819 660 579 513	**295,76** **259,36** **367,43** **295,76** **259,36** **229,29**	9149 11098 12058 13757 14509 15058	0,8 0,9 1,0 1,2 1,4 1,6	**KR374-3E80M/6B** **KR374-2E80M/6A**	1,03 1,08	66 65	134	IE3 IE2
	7,3 8,4	447 389	**127,30** **110,61**	15535 15946	1,8 2,1	**KR373-3E80M/6B** **KR373-2E80M/6A**	1,03 1,08	62 61	130	IE3 IE2
	9,6 11 13	339 291 253	**148,75** **127,30** **110,61**	16272 16574 16807	2,4 2,8 3,2	**KR373-3E71M/4D** **KR373-2E71M/4C**	0,97 1,00	60 59	130	IE3 IE2
	5,0 5,8 6,5 7,7	634 556 492 415	**284,33** **249,33** **220,43** **185,40**	15791 16305 16694 17126	0,9 1,1 1,2 1,4	**KR284-3E71M/4D** **KR284-2E71M/4C**	0,97 1,00	48 47	122	IE3 IE2
	8,7	374	**106,33**	17337	1,6	**KR283-3E80M/6B** **KR283-2E80M/6A**	1,03 1,08	40 39	118	IE3 IE2
	10 12 14 15 19 22	326 279 243 214 172 151	**143,00** **122,38** **106,33** **93,50** **75,26** **66,00**	17569 17781 17938 18036 18203 18284	1,8 2,1 2,5 2,8 3,5 4,0	**KR283-3E71M/4D** **KR283-2E71M/4C**	0,97 1,00	38 37	118	IE3 IE2
	4,8 5,7 6,6 7,2	654 549 471 438	**300,85** **252,20** **215,91** **200,35**	10434 11342 11916 12141	0,7 0,8 1,0 1,0	**KR275-3E71M/4D** **KR275-2E71M/4C**	0,97 1,00	34 33	114	IE3 IE2
	9,6 11	340 294	**96,68** **83,48**	12719 12966	1,3 1,5	**KR273-3E80M/6B** **KR273-2E80M/6A**	1,03 1,08	44 43	110	IE3 IE2
	13 15 17 20 21 25 28 32	259 221 191 167 157 133 116 101	**113,65** **96,68** **83,48** **72,92** **68,40** **58,15** **50,51** **44,20**	13136 13317 13449 13549 13591 13683 13749 13953	1,7 2,0 2,4 2,7 2,9 3,4 3,9 4,0	**KR273-3E71M/4D** **KR273-2E71M/4C**	0,97 1,00	34 33	110	IE3 IE2
	9,5	345	**98,01**	4860	0,8	**KR203-3E80M/6B** **KR203-2E80M/6A**	1,03 1,08	33 32	106	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,37 0,50	10 12 14 15 17 20 23 27 33 38	316 273 239 224 191 166 145 120 100 88	**138,53** **119,62** **104,49** **98,01** **83,32** **72,37** **63,33** **52,37** **43,67** **38,16**	6243 7697 7890 7817 7616 7420 7223 6929 6640 6424	0,9 1,0 1,2 1,2 1,5 1,7 1,9 2,3 2,8 3,2	**KR203-3E71M/4D** **KR203-2E71M/4C**	0,97 1,00	30 29	106	IE3 IE2
	19 21 23 27 32 38 41 44 52	174 154 144 121 102 88 81 76 64	**76,13** **67,22** **62,79** **53,07** **44,32** **38,22** **35,22** **32,90** **27,81**	4642 5410 5721 6138 5925 5740 5636 5548 5328	0,8 0,9 1,0 1,2 1,4 1,5 1,7 1,7 2,0	**KR103-3E71M/4D** **KR103-2E71M/4C**	0,97 1,00	17 16	102	IE3 IE2
	56 68 75 83 98	59 49 44 40 34	**25,50** **21,25** **19,13** **17,30** **14,61**	6095 5709 5498 5306 4997	2,0 2,3 2,5 2,7 3,2	**KR102-3E71M/4D** **KR102-2E71M/4C**	0,97 1,00	17 16	102	IE3 IE2
	32 41 48 56 60	104 81 69 59 55	**45,41** **35,34** **29,95** **25,64** **23,79**	2897 4010 4004 3897 3842	0,8 1,0 1,2 1,4 1,5	**KR003-3E71M/4D** **KR003-2E71M/4C**	0,97 1,00	16 15	98	IE3 IE2
	72 89 97 108 129 153 178 192	46 38 34 31 26 22 19 17	**19,88** **16,18** **14,73** **13,26** **11,09** **9,40** **8,04** **7,46**	3696 3530 3453 3366 3217 3080 2952 2892	1,7 2,0 2,2 2,4 2,9 3,2 3,5 3,7	**KR002-3E71M/4D** **KR002-2E71M/4C**	0,97 1,00	16 15	98	IE3 IE2
	192 213 255 301 352 379	17 16 13 11 9,5 8,8	**14,73** **13,26** **11,09** **9,40** **8,04** **7,46**	2894 2810 2670 2544 2430 2376	3,5 3,9 4,0 4,0 4,0 4,0	**KR002-3E71M/2B** **KR002-2E71M/2A**	0,86 0,90	15 14	98	IE3 IE2
0,55 0,75	0,22 0,27 0,35 0,41 0,44 0,52 0,62 0,65 0,73	21164 16810 13191 11042 10439 8889 7443 7037 6303	**6741,12** **5350,83** **4189,63** **3499,30** **3306,00** **2811,23** **2348,01** **2218,31** **1985,89**	71126 80281 86503 89577 90570 92516 94410 94891 95727	0,9 1,2 1,5 1,8 1,9 2,3 2,7 2,8 3,2	**KR976-3E80M/4C** **KR976-2E80M/4B**	1,34 1,45	1105 1103	210	IE3 IE2

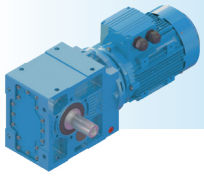
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

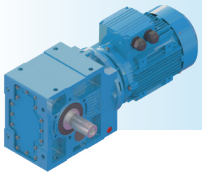
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,55 0,75	0,91 1,0	5132 4611	**1585,92** **1423,89**	96993 99024	3.9 4.0	**KR975-3E80M/4C** **KR975-2E80M/4B**	1,34 1,45	1100 1098	210	IE3 IE2
	0,43 0,48 0,54 0,61 0,70	10713 9458 8419 7546 6550	**3396,71** **2996,39** **2665,68** **2387,89** **2074,42**	101600 106126 109566 112266 115149	1,4 1,6 1,8 2,0 2,3	**KR876-3E80M/4C** **KR876-2E80M/4B**	1,34 1,45	655 654	198	IE3 IE2
	0,77 0,87 0,97 1,1 1,3 1,5	6084 5385 4820 4240 3549 3102	**1891,08** **1671,18** **1495,27** **1313,07** **1096,71** **957,34**	116259 118129 119576 121000 124461 128847	2,5 2,8 3,1 3,5 4,0 4,0	**KR875-3E80M/4C** **KR875-2E80M/4B**	1,34 1,45	651 650	198	IE3 IE2
	0,70 0,81 0,94 1,1 1,2 1,4 1,5 1,7 1,9	6646 5737 4973 4353 3840 3409 3042 2693 2410	**2066,04** **1786,65** **1547,01** **1353,02** **1192,77** **1058,16** **943,49** **833,78** **746,01**	61869 65911 68941 71183 72906 74160 75280 76295 77083	1,2 1,4 1,6 1,8 2,1 2,3 2,6 3,0 3,3	**KR775-3E80M/4C** **KR775-2E80M/4B**	1,34 1,45	393 392	186	IE3 IE2
	0,91 1,1 1,2 1,4 1,6 1,8 2,0 2,3	5114 4401 3822 3344 2942 2604 2331 2051	**1597,25** **1373,07** **1191,60** **1041,68** **915,75** **809,27** **724,08** **635,86**	18299 27374 32584 36109 38680 40614 42051 43418	0,8 1,0 1,1 1,3 1,5 1,7 1,8 2,1	**KR675-3E80M/4C** **KR675-2E80M/4B**	1,34 1,45	320 319	174	IE3 IE2
	2,6 2,9 3,4 4,0	1867 1652 1406 1210	**363,81** **321,51** **273,88** **235,44**	44261 45193 46204 46959	2,3 2,6 3,1 3,6	**KR674-3E80M/6C** **KR674-2E80M/6B**	1,47 1,50	206 205	170	IE3 IE2
	1,6 1,8	2979 2521	**932,00** **787,70**	19523 24386	0,9 1,1	**KR575-3E80M/4C** **KR575-2E80M/4B**	1,34 1,45	154 153	162	IE3 IE2
	2,0 2,4 2,8	2392 2025 1680	**469,74** **397,01** **328,56**	25521 28384 30658	1,1 1,3 1,6	**KR574-3E80M/6C** **KR574-2E80M/6B**	1,47 1,50	158 157	158	IE3 IE2
	3,1 3,7 4,4 5,2 5,9	1543 1305 1083 927 814	**469,74** **397,01** **328,56** **281,00** **246,42**	31472 32773 33884 34563 35063	1,8 2,1 2,5 2,9 3,3	**KR574-3E80M/4C** **KR574-2E80M/4B**	1,34 1,45	155 154	158	IE3 IE2
	2,5	1893	**371,35**	12782	0,8	**KR474-3E80M/6C** **KR474-2E80M/6B**	1,47 1,45	102 101	146	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,55 0,75	3,1 3,4 3,9 4,7 4,9	1552 1388 1220 1021 965	**472,63** **422,88** **371,35** **310,16** **293,03**	16587 18011 19300 20640 20983	1,0 1,1 1,3 1,5 1,6	**KR474-3E80M/4C** **KR474-2E80M/4B**	1,34 1,45	101 100	146	IE3 IE2
	6,1 6,9 8,4	800 709 578	**153,47** **135,98** **110,65**	21919 22395 23030	1,9 2,2 2,7	**KR473-3E80M/6C** **KR473-2E80M/6B**	1,47 1,50	94 93	142	IE3 IE2
	9,4 11 13	517 458 373	**153,47** **135,98** **110,65**	23280 23565 24142	3,0 3,4 4,0	**KR473-3E80M/4C** **KR473-2E80M/4B**	1,34 1,45	94 93	140	IE3 IE2
	4,9 5,6 6,3	971 852 754	**295,76** **259,36** **229,29**	9956 11651 12812	0,8 1,0 1,1	**KR374-3E80M/4C** **KR374-2E80M/4B**	1,34 1,45	67 66	134	IE3 IE2
	7,3 8,5 9,6	663 577 508	**127,30** **110,61** **97,26**	13748 14514 16830	1,2 1,4 1,6	**KR373-3E80M/6C** **KR373-2E80M/6B**	1,47 1,50	64 63	130	IE3 IE2
	11 13 15 19	428 372 328 264	**127,30** **110,61** **97,26** **78,29**	15691 16072 16338 16727	1,9 2,2 2,5 3,1	**KR373-3E80M/4C** **KR373-2E80M/4B**	1,34 1,45	63 62	130	IE3 IE2
	6,6 7,8	724 610	**220,43** **185,40**	15122 15962	0,8 1,0	**KR284-3E80M/4C** **KR284-2E80M/4B**	1,34 1,45	51 50	122	IE3 IE2
	8,8 10 12	554 488 393	**106,33** **93,50** **75,26**	16320 16830 17241	1,1 1,2 1,5	**KR283-3E80M/6C** **KR283-2E80M/6B**	1,47 1,50	41 40	118	IE3 IE2
	14 16 19 22 25 30	358 315 254 223 197 166	**106,33** **93,50** **75,26** **66,00** **58,35** **49,08**	17416 17620 17892 18021 18124 18243	1,7 1,9 2,4 2,7 3,0 3,6	**KR283-3E80M/4C** **KR283-2E80M/4B**	1,34 1,45	41 40	118	IE3 IE2
	7,2	644	**200,35**	10534	0,7	**KR275-3E80M/4C** **KR275-2E80M/4B**	1,34 1,45	38 37	114	IE3 IE2
	9,7 11 13	504 435 381	**96,68** **83,48** **72,92**	11685 12163 12494	0,9 1,0 1,2	**KR273-3E80M/6C** **KR273-2E80M/6B**	1,47 1,50	35 34	110	IE3 IE2
	15 17 20 21 25 29	325 281 246 231 196 171	**96,68** **83,48** **72,92** **68,40** **58,15** **50,51**	12809 13023 13197 13268 13423 13532	1,4 1,6 1,8 1,9 2,3 2,6	**KR273-3E80M/4C** **KR273-2E80M/4B**	1,34 1,45	37 36	110	IE3 IE2

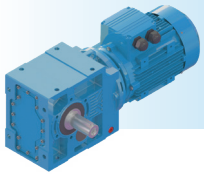
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

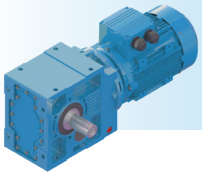
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,55 0,75	33 40 48	149 124 103	**44,20** **36,55** **30,48**	13618 13718 13923	3,0 3,6 4,0	**KR273-3E80M/4C** **KR273-2E80M/4B**	1,34 1,45	37 36	110	IE3 IE2
	14 15 17 20 23 28 33 38 46 55	352 330 281 244 214 177 148 129 107 89	**104,49** **98,01** **83,32** **72,37** **63,33** **52,37** **43,67** **38,16** **31,55** **26,31**	4449 5626 6693 6625 6533 6363 6170 6014 5779 5545	0,8 0,8 1,0 1,1 1,3 1,6 1,9 2,2 2,6 3,0	**KR203-3E80M/4C** **KR203-2E80M/4B**	1,34 1,45	33 32	106	IE3 IE2
	61	82	**23,79**	6415	3,4	**KR202-3E80M/4C** **KR202-2E80M/4B**	1,34 1,45	33 32	106	IE3 IE2
	27 33 38 41 44 52	179 150 129 119 111 94	**53,07** **44,32** **38,22** **35,22** **32,90** **27,81**	4428 5348 5246 5182 5125 4972	0,8 0,9 1,0 1,1 1,2 1,3	**KR103-3E80M/4C** **KR103-2E80M/4B**	1,34 1,45	20 19	102	IE3 IE2
	57 68 76 84 99 116 131 140 166	87 73 66 59 50 43 38 35 30	**25,50** **21,25** **19,13** **17,30** **14,61** **12,51** **11,05** **10,32** **8,72**	6186 5786 5567 5368 5050 4776 4568 4458 4200	1,4 1,6 1,7 1,9 2,2 2,4 2,6 2,8 3,2	**KR102-3E80M/4C** **KR102-2E80M/4B**	1,34 1,45	20 19	102	IE3 IE2
	48 57 61	101 87 80	**29,95** **25,64** **23,79**	3075 3454 3433	0,8 0,9 1,0	**KR003-3E80M/4C** **KR003-2E80M/4B**	1,34 1,45	19 18	98	IE3 IE2
	73 90 98 109 131 154 180 194	68 55 51 45 38 32 28 26	**19,88** **16,18** **14,73** **13,26** **11,09** **9,40** **8,04** **7,46**	3355 3255 3203 3141 3029 2921 2816 2765	1,2 1,4 1,5 1,7 2,0 2,2 2,3 2,5	**KR002-3E80M/4C** **KR002-2E80M/4B**	1,34 1,45	19 18	98	IE3 IE2
	192 213 255 301 352 379	26 23 19 17 14 13	**14,73** **13,26** **11,09** **9,40** **8,04** **7,46**	2775 2703 2581 2469 2366 2316	2,3 2,6 3,1 3,3 3,9 4,0	**KR002-3E71M/2C** **KR002-2E71M/2B**	1,19 1,25	16 15	98	IE3 IE2
0,75 1,0	0,27 0,35 0,41	22923 17987 15057	**5350,83** **4189,63** **3499,30**	66697 78083 83385	0,9 1,1 1,3	**KR976-3E80M/4D** **KR976-2E80M/4C**	1,77 1,89	1106 1104	210	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,75	0,44	14236	**3306,00**	84954	1,4	**KR976-3E80M/4D**	1,77	1106	210	IE3
1,0	0,52	12121	**2811,23**	88156	1,7	**KR976-2E80M/4C**	1,89	1104		IE2
	0,62	10149	**2348,01**	90949	2,0					
	0,65	9596	**2218,31**	91693	2,1					
	0,73	8595	**1985,89**	92986	2,3					
	0,91	6998	**1585,92**	94798	2,9	**KR975-3E80M/4D**	1,77	1101	210	IE3
	1,0	6287	**1423,89**	95673	3,2	**KR975-2E80M/4C**	1,89	1099		IE2
	1,2	5356	**1213,78**	96738	3,7					
	1,4	4726	**1070,02**	98524	4,0					
	0,48	12897	**2996,39**	92600	1,2	**KR876-3E80M/4D**	1,77	653	198	IE3
	0,54	11481	**2665,68**	98610	1,3	**KR876-2E80M/4C**	1,89	651		IE2
	0,61	10290	**2387,89**	103170	1,5					
	0,70	8932	**2074,42**	107899	1,7					
	0,77	8296	**1891,08**	109774	1,8	**KR875-3E80M/4D**	1,77	651	198	IE3
	0,87	7344	**1671,18**	112719	2,0	**KR875-2E80M/4C**	1,89	649		IE2
	0,97	6572	**1495,27**	114961	2,3					
	1,1	5781	**1313,07**	117134	2,6					
	1,3	4840	**1096,71**	119567	3,1					
	1,5	4230	**957,34**	121059	3,5					
	1,7	3735	**844,51**	122416	4,0					
	1,9	3326	**751,30**	126745	4,0					
	0,70	9063	**2066,04**	47924	0,9	**KR775-3E80M/4D**	1,77	393	186	IE3
	0,81	7823	**1786,65**	55767	1,0	**KR775-2E80M/4C**	1,89	391		IE2
	0,94	6781	**1547,01**	61224	1,2					
	0,70	9108	**1353,02**	47716	0,9					
	1,2	5237	**1192,77**	67929	1,5					
	1,4	4649	**1058,16**	70135	1,7					
	1,5	4148	**943,49**	71790	1,9					
	1,7	3672	**833,78**	73367	2,2					
	1,9	3286	**746,01**	74575	2,4					
	2,2	2891	**655,11**	75752	2,8					
	2,4	2751	**396,00**	76168	2,9	**KR774-3E90S/6B**	1,96	407	182	IE3
	2,7	2462	**354,32**	76974	3,2	**KR774-2E90S/6A**	2,00	405		IE2
	3,0	2166	**311,14**	77769	3,7					
	1,2	5212	**1191,60**	16574	0,8	**KR675-3E80M/4D**	1,77	321	174	IE3
	1,4	4560	**1041,68**	25595	0,9	**KR675-2E80M/4C**	1,89	319		IE2
	1,6	4012	**915,75**	31082	1,1					
	1,8	3551	**809,27**	34652	1,2					
	2,0	3178	**724,08**	37206	1,4					
	2,3	2796	**635,86**	39536	1,5					
	2,6	2519	**363,81**	41003	1,7	**KR674-3E90S/6B**	1,96	301	170	IE3
	2,9	2229	**321,51**	42498	1,9	**KR674-2E90S/6A**	2,00	209		IE2
	3,5	1897	**273,88**	44120	2,3					
	4,0	1641	**363,81**	45192	2,6	**KR674-3E80M/4D**	1,77	296	170	IE3
	4,5	1453	**321,51**	45975	3,0	**KR674-2E80M/4C**	1,89	294		IE2
	5,3	1236	**273,88**	46829	3,5					

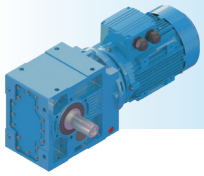
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

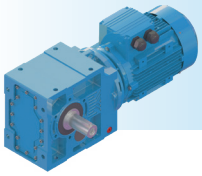
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,75 1,0	2,0 2,4 2,9	3228 2732 2266	**469,74** **397,01** **328,56**	15989 22409 26563	0,8 1,0 1,2	**KR574-3E90S/6B** **KR574-2E90S/6A**	1,96 2,00	159 157	158	IE3 IE2
	3,1 3,7 4,4 5,2 5,9 6,1 6,9	2104 1780 1477 1264 1110 1071 953	**469,74** **397,01** **328,56** **281,00** **246,42** **237,97** **211,51**	27812 30031 31845 32943 33716 33906 34460	1,3 1,5 1,8 2,1 2,4 2,5 2,8	**KR574-3E80M/4D** **KR574-2E80M/4C**	1,77 1,89	156 154	158	IE3 IE2
	3,4 3,9 4,7 4,9	1893 1664 1392 1316	**422,88** **371,35** **310,16** **293,03**	12714 15500 17982 18590	0,8 0,9 1,1 1,2	**KR474-3E80M/4D** **KR474-2E80M/4C**	1,77 1,89	103 101	146	IE3 IE2
	6,2 6,9 8,5	1079 956 779	**153,47** **135,98** **110,65**	20234 21039 22009	1,4 1,6 2,0	**KR473-3E90S/6B** **KR473-2E90S/6A**	1,96 2,00	99 97	142	IE3 IE2
	9,4 11 13 15	706 625 510 451	**153,47** **135,98** **110,65** **97,79**	22412 22807 23324 23564	2,2 2,5 3,0 3,4	**KR473-3E80M/4D** **KR473-2E80M/4C**	1,77 1,89	95 93	142	IE3 IE2
	6,3	1028	**229,29**	8932	0,8	**KR374-3E80M/4D** **KR374-2E80M/4C**	1,77 1,89	68 66	134	IE3 IE2
	8,5 9,7	778 684	**110,61** **97,26**	12550 16200	1,1 1,2	**KR373-3E90S/6B** **KR373-2E90S/6A**	1,96 2,00	68 66	130	IE3 IE2
	13 15 19 21 24	509 448 361 317 280	**110,61** **97,26** **78,29** **68,65** **60,69**	15090 15527 16133 16415 16637	1,6 1,8 2,3 2,6 2,9	**KR373-3E80M/4D** **KR373-2E80M/4C**	1,77 1,89	64 62	130	IE3 IE2
	9,2	708	**157,62**	15248	0,8	**KR284-3E80M/4D** **KR284-2E80M/4C**	1,77 1,89	52 51	122	IE3 IE2
	10 13	658 530	**93,50** **75,26**	16200 16472	0,9 1,1	**KR283-3E90S/6B** **KR283-2E90S/6A**	1,96 2,00	45 44	118	IE3 IE2
	14 16 19 22 25 30 35 41	489 430 346 304 269 227 193 166	**106,33** **93,50** **75,26** **66,00** **58,35** **49,08** **41,72** **35,75**	16717 17044 17471 17670 17826 18005 18140 18245	1,2 1,4 1,7 2,0 2,2 2,6 3,1 3,6	**KR283-3E80M/4D** **KR283-2E80M/4C**	1,77 1,89	42 41	118	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,75 1,0	11 13	587 513	**83,48** **72,92**	11033 11614	0,8 0,9	**KR273-3E90S/6B** **KR273-2E90S/6A**	1,96 2,00	36 38	110	IE3 IE2
	15 17 20 21 25 29 33 40 48 57 63 76	444 384 336 315 268 233 204 169 141 118 107 89	**96,68** **83,48** **72,92** **68,40** **58,15** **50,51** **44,20** **36,55** **30,48** **25,55** **23,08** **19,08**	12098 12459 12738 12851 13094 13261 13392 13541 13653 13799 13908 14143	1,0 1,2 1,3 1,4 1,7 1,9 2,2 2,7 3,2 3,6 3,8 4,0	**KR273-3E80M/4D** **KR273-2E80M/4C**	1,77 1,89	38 36	110	IE3 IE2
	20 23 28 33 38 46 55	334 292 242 202 177 146 122	**72,37** **63,33** **52,37** **43,67** **38,16** **31,55** **26,31**	5471 5739 5719 5643 5559 5408 5239	0,8 1,0 1,2 1,4 1,6 1,9 2,2	**KR203-3E80M/4D** **KR203-2E80M/4C**	1,77 1,89	34 33	106	IE3 IE2
	61 72 83	111 95 82	**23,79** **20,23** **17,47**	6507 6133 5815	2,5 3,0 3,3	**KR202-3E80M/4D** **KR202-2E80M/4C**	1,77 1,89	34 33	106	IE3 IE2
	41 44 52	163 152 128	**35,22** **32,90** **27,81**	4667 4646 4574	0,8 0,9 1,0	**KR103-3E80M/4D** **KR103-2E80M/4C**	1,77 1,89	21 20	102	IE3 IE2
	57 68 76 84 99 116 131 140 166 199 231	119 99 90 81 69 59 52 49 41 34 30	**25,50** **21,25** **19,13** **17,30** **14,61** **12,51** **11,05** **10,32** **8,72** **7,29** **6,28**	6298 5884 5658 5452 5123 4841 4626 4513 4247 3981 3776	1,0 1,2 1,2 1,4 1,6 1,8 1,9 2,1 2,3 2,6 3,0	**KR102-3E80M/4D** **KR102-2E80M/4C**	1,77 1,89	21 20	102	IE3 IE2
	261 279	26 24	**11,05** **10,32**	3616 3530	3,3 3,3	**KR102-3E80M/2B** **KR102-2E80M/2A**	1,59 1,67	21 20	102	IE3 IE2
	73 90 98 109 131 154 180 194	93 76 69 62 52 44 38 35	**19,88** **16,18** **14,73** **13,26** **11,09** **9,40** **8,04** **7,46**	2961 2941 2920 2890 2822 2747 2669 2630	0,9 1,0 1,1 1,2 1,4 1,6 1,7 1,9	**KR002-3E80M/4D** **KR002-2E80M/4C**	1,77 1,89	20 19	98	IE3 IE2

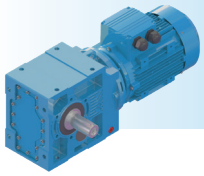
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

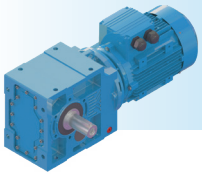
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
0,75 1,0	217 260 307 358 386	31 26 22 19 18	**13,26** **11,09** **9,40** **8,04** **7,46**	2573 2471 2375 2284 2240	1,9 2,3 2,5 2,9 3,1	**KR002-3E80M/2B** **KR002-2E80M/2A**	1,59 1,67	18 17	98	IE3 IE2
1,1 1,5	0,41 0,44 0,52 0,62 0,65 0,73	22084 20879 17778 14886 14074 12606	**3499,30** **3306,00** **2811,23** **2348,01** **2218,31** **1985,89**	68850 71762 78410 83727 85054 87308	0,9 1,0 1,1 1,3 1,4 1,6	**KR976-3E90S/4C** **KR976-2E90S/4B**	2,46 2,60	1111 1108	210	IE3 IE2
	0,91 1,0 1,2 1,4 1,5 1,7 2,0	10264 9221 7856 6931 6154 5491 4652	**1585,92** **1423,89** **1213,78** **1070,02** **949,26** **846,39** **715,34**	90719 92139 93883 94989 95953 96624 98886	1,9 2,2 2,5 2,9 3,3 3,6 4,0	**KR975-3E90S/4C** **KR975-2E90S/4B**	2,46 2,60	1106 1104	210	IE3 IE2
	0,77 0,87 0,97 1,1 1,3 1,5 1,7 1,9	12168 10771 9639 8479 7099 6204 5478 4878	**1891,08** **1671,18** **1495,27** **1313,07** **1096,71** **957,34** **844,51** **751,30**	95780 101381 105337 109373 113443 115988 117936 119473	1,2 1,4 1,6 1,8 2,1 2,4 2,7 3,1	**KR875-3E90S/4C** **KR875-2E90S/4B**	2,46 2,60	657 655	198	IE3 IE2
	0,94 1,1 1,2 1,4 1,5 1,7 1,9 2,2	9946 8706 7681 6819 6083 5385 4820 4241	**1547,01** **1353,02** **1192,77** **1058,16** **943,49** **833,78** **746,01** **655,11**	40762 50450 56568 61043 64432 67228 69510 71469	0,8 0,9 1,0 1,2 1,3 1,5 1,7 1,9	**KR775-3E90S/4C** **KR775-2E90S/4B**	2,46 2,60	399 397	186	IE3 IE2
	2,4 2,7 3,0 3,4	4057 3631 3194 2860	**396,00** **354,32** **311,14** **278,35**	72289 73579 74922 75898	2,0 2,2 2,5 2,8	**KR774-3E90L/6C** **KR774-2E90L/6B**	2,75 2,90	348 345	182	IE3 IE2
	3,7 4,1	2630 2354	**396,00** **354,32**	76498 77259	3,0 3,4	**KR774-3E90S/4C** **KR774-2E90S/4B**	2,46 2,60	370 368	182	IE3 IE2
	1,8 2,0 2,3	5208 4662 4101	**809,27** **724,08** **635,86**	16646 24408 30274	0,8 0,9 1,0	**KR675-3E90S/4C** **KR675-2E90S/4B**	2,46 2,60	257 255	174	IE3 IE2
	2,6 2,9 3,4	3714 3287 2797	**363,81** **321,51** **273,88**	33437 36489 39532	1,2 1,3 1,5	**KR674-3E90L/6C** **KR674-2E90L/6B**	2,75 2,90	271 268	170	IE3 IE2
	4,0 4,5	2407 2131	**363,81** **321,51**	41618 42965	1,8 2,0	**KR674-3E90S/4C** **KR674-2E90S/4B**	2,46 2,60	270 268	170	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
1,1 1,5	5,3 6,2 7,1	1813 1561 1357	**273,88** **235,44** **204,32**	44444 45531 46361	2,4 2,8 3,2	**KR674-3E90S/4C** **KR674-2E90S/4B**	2,46 2,60	270 268	170	IE3 IE2
	3,1 3,7 4,4 5,2 5,9 6,1 6,9 8,0 9,1 10 12	3085 2611 2166 1854 1629 1571 1397 1196 1051 931 785	**469,74** **397,01** **328,56** **281,00** **246,42** **237,97** **211,51** **180,90** **158,64** **140,24** **117,96**	18048 23598 27343 29553 30921 31286 32230 33290 34002 34561 35203	0,9 1,0 1,2 1,5 1,7 1,7 1,9 2,3 2,6 2,9 3,4	**KR574-3E90S/4C** **KR574-2E90S/4B**	2,46 2,60	159 157	158	IE3 IE2
	6,1 6,9 8,5	1594 1412 1151	**153,47** **135,98** **110,65**	16176 17815 19787	1,0 1,1 1,3	**KR473-3E90L/6C** **KR473-2E90L/6B**	2,75 2,90	102 99	142	IE3 IE2
	9,4 11 13 15 17 19 23	1036 918 748 662 592 521 436	**153,47** **135,98** **110,65** **97,79** **87,49** **76,83** **64,17**	20546 21262 22168 22607 22944 23291 23647	1,5 1,7 2,1 2,3 2,6 3,0 3,6	**KR473-3E90S/4C** **KR473-2E90S/4B**	2,46 2,60	101 99	142	IE3 IE2
	8,5 9,7 12	1148 1011 814	**110,61** **97,26** **78,29**	6284 9290 12120	0,7 0,8 1,0	**KR373-3E90L/6C** **KR373-2E90L/6B**	2,75 2,90	70 67	130	IE3 IE2
	13 15 19 21 24 28 33 39	746 657 529 465 411 346 295 253	**110,61** **97,26** **78,29** **68,65** **60,69** **51,05** **43,40** **37,19**	12896 13804 14925 15401 15789 16226 16549 16797	1,1 1,2 1,5 1,8 2,0 2,4 2,8 3,2	**KR373-3E90S/4C** **KR373-2E90S/4B**	2,46 2,60	70 68	130	IE3 IE2
	14 16 19 22 25 30 35 41 45	717 631 508 446 395 333 283 243 220	**106,33** **93,50** **75,26** **66,00** **58,35** **49,08** **41,72** **35,75** **32,35**	15179 15808 16599 16955 17229 17537 17764 17938 18032	0,8 1,0 1,2 1,3 1,5 1,8 2,1 2,5 2,7	**KR283-3E90S/4C** **KR283-2E90S/4B**	2,46 2,60	47 45	118	IE3 IE2
	17 20 21 25 29 33 40	564 493 463 393 342 300 248	**83,48** **72,92** **68,40** **58,15** **50,51** **44,20** **36,55**	11227 11753 11975 12402 12703 12933 13190	0,8 0,9 1,0 1,1 1,3 1,5 1,8	**KR273-3E90S/4C** **KR273-2E90S/4B**	2,46 2,60	43 41	110	IE3 IE2

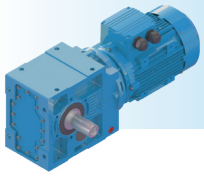
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

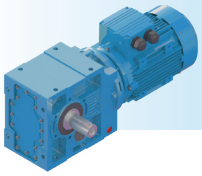
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
1,1 1,5	48 57 63 76 91 109 121 146 175 209	207 174 158 131 109 92 82 68 57 48	**30,48** **25,55** **23,08** **19,08** **15,92** **13,34** **12,00** **9,92** **8,28** **6,94**	13378 13602 13741 13910 14034 14147 14158 13462 12819 12216	2,2 2,5 2,6 3,0 3,4 3,8 3,1 3,5 4,0 4,0	**KR273-3E90S/4C** **KR273-2E90S/4B**	2,46 2,60	43 41	110	IE3 IE2
	28 33 38 46 55	355 297 259 215 179	**52,37** **43,67** **38,16** **31,55** **26,31**	4248 4663 4718 4726 4680	0,8 0,9 1,1 1,3 1,5	**KR203-3E90S/4C** **KR203-2E90S/4B**	2,46 2,60	39 37	106	IE3 IE2
	61 72 83 95 101 119 137	163 139 120 105 99 84 73	**23,79** **20,23** **17,47** **15,26** **14,32** **12,17** **10,57**	6646 6258 5927 5639 5508 5189 4930	1,7 2,0 2,2 2,5 2,6 2,9 3,2	**KR202-3E90S/4C** **KR202-2E90S/4B**	2,46 2,60	38 36	106	IE3 IE2
	64 75	155 133	**14,61** **12,51**	5374 5814	0,8 0,9	**KR102-3E90L/6C** **KR102-2E90L/6B**	2,75 2,90	29 26	102	IE3 IE2
	84 99 116 131 140 166 199 231	119 101 86 76 71 60 50 43	**17,30** **14,61** **12,51** **11,05** **10,32** **8,72** **7,29** **6,28**	5580 5236 4942 4719 4601 4324 4047 3834	0,9 1,1 1,2 1,3 1,4 1,6 1,8 2,1	**KR102-3E90S/4C** **KR102-2E90S/4B**	2,46 2,60	25 23	102	IE3 IE2
	261 279 330 395 458	38 36 30 25 22	**11,05** **10,32** **8,72** **7,29** **6,28**	3668 3579 3369 3159 2997	2,2 2,2 2,6 3,0 3,2	**KR102-3E80M/2C** **KR102-2E80M/2B**	2,26 2,36	21 19	102	IE3 IE2
	109 131 154 180 194	91 76 65 56 52	**13,26** **11,09** **9,40** **8,04** **7,46**	2421 2439 2428 2400 2382	0,8 1,0 1,1 1,2 1,3	**KR002-3E90S/4C** **KR002-2E90S/4B**	2,46 2,60	25 23	98	IE3 IE2
	217 260 307 358 386	46 38 33 28 26	**13,26** **11,09** **9,40** **8,04** **7,46**	2353 2290 2223 2155 2121	1,3 1,6 1,7 2,0 2,1	**KR002-3E80M/2C** **KR002-2E80M/2B**	2,26 2,36	20 18	98	IE3 IE2
1,5 2,0	0,52 0,62 0,65	24242 20299 19192	**2811,23** **2348,01** **2218,31**	63087 73153 75519	0,8 1,0 1,0	**KR976-3E90L/4D** **KR976-2E90L/4C**	3,30 3,40	1113 1110	210	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
1,5 2,0	0,73	17190	**1985,89**	79582	1,2	**KR976-3E90L/4D** **KR976-2E90L/4C**	3,30 3,40	1113 1110	210	IE3 IE2
	0,91 1,0 1,2 1,4 1,5 1,7 2,0	13996 12575 10712 9452 8391 7487 6344	**1585,92** **1423,89** **1213,78** **1070,02** **949,26** **846,39** **715,34**	85179 87431 90163 91875 93313 94358 95683	1,4 1,6 1,9 2,1 2,4 2,7 3,2	**KR975-3E90L/4D** **KR975-2E90L/4C**	3,30 3,40	1108 1105	210	IE3 IE2
	0,97 1,1 1,3 1,5 1,7 1,9	13144 11563 9680 8460 7470 6652	**1495,27** **1313,07** **1096,71** **957,34** **844,51** **751,30**	91475 98281 100689 104678 107455 109747	1,1 1,3 1,5 1,8 2,0 2,3	**KR875-3E90L/4D** **KR875-2E90L/4C**	3,30 3,40	659 658	198	IE3 IE2
	2,2 2,5 2,8	6023 5282 4681	**438,70** **383,99** **339,70**	111593 113316 114765	2,5 2,8 3,2	**KR874-3E100L/6B** **KR874-2E100L/6A**	3,50 3,72	895 892	194	IE3 IE2
	1,4 1,5 1,7 1,9 2,2	9298 8295 7344 6573 5783	**1058,16** **943,49** **833,78** **746,01** **655,11**	46159 52976 58389 62215 65720	0,9 1,0 1,1 1,2 1,4	**KR775-3E90L/4D** **KR775-2E90L/4C**	3,30 3,40	428 427	186	IE3 IE2
	2,4 2,7 3,1 3,4	5445 4873 4287 3839	**396,00** **354,32** **311,14** **278,35**	66988 69216 71333 72930	1,5 1,6 1,9 2,1	**KR774-3E100L/6B** **KR774-2E100L/6A**	3,50 3,72	414 411	182	IE3 IE2
	3,7 4,1 4,7 5,2 6,0	3586 3210 2823 2529 2184	**396,00** **354,32** **311,14** **278,35** **240,71**	73641 74809 75948 76780 77712	2,2 2,5 2,8 3,2 3,7	**KR774-3E90L/4D** **KR774-2E90L/4C**	3,30 3,40	410 409	182	IE3 IE2
	2,6 3,0 3,5	4984 4412 3754	**363,81** **321,51** **273,88**	20305 27178 33125	0,9 1,0 1,1	**KR674-3E100L/6B** **KR674-2E100L/6A**	3,50 3,72	308 305	170	IE3 IE2
	4,0 4,5 5,3 6,2 7,1 8,1 9,2	3283 2906 2472 2129 1850 1619 1425	**363,81** **321,51** **273,88** **235,44** **204,32** **178,62** **157,02**	36521 38894 41257 42977 44279 45286 46088	1,3 1,5 1,7 2,0 2,3 2,7 3,0	**KR674-3E90L/4D** **KR674-2E90L/4C**	3,30 3,40	303 302	170	IE3 IE2
	4,4 5,2 5,9 6,1 6,9	2954 2528 2221 2142 1906	**328,56** **281,00** **246,42** **237,97** **211,51**	19787 24321 26922 27526 29208	0,9 1,1 1,2 1,3 1,4	**KR574-3E90L/4D** **KR574-2E90L/4C**	3,30 3,40	163 162	158	IE3 IE2

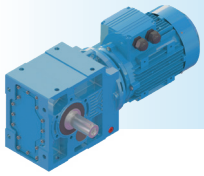
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

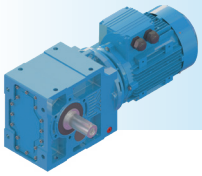
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
1,5 2,0	7,6 8,7 9,8 12 14 16	1751 1534 1359 1150 943 834	**125,51** **109,86** **97,19** **82,14** **67,37** **59,49**	30219 31473 32492 33561 34510 34996	1,5 1,8 2,0 2,3 2,9 3,2	**KR573-3E100L/6B** **KR573-2E100L/6A**	3,50 3,72	155 152	154	IE3 IE2
	8,6	1545	**110,65**	16645	1,0	**KR473-3E100L/6B** **KR473-2E100L/6A**	3,50 3,72	109 106	142	IE3 IE2
	9,4 11 13 15 17 19 23 24	1414 1252 1021 903 808 711 595 562	**153,47** **135,98** **110,65** **97,79** **87,49** **76,83** **64,17** **60,63**	17802 19067 20637 21344 21845 22362 22934 23086	1,1 1,2 1,5 1,7 1,9 2,2 2,6 2,8	**KR473-3E90L/4D** **KR473-2E90L/4C**	3,30 3,40	103 102	142	IE3 IE2
	13 15 19 21 24 28 33 39 43	1019 897 722 634 561 473 402 345 313	**110,61** **97,26** **78,29** **68,65** **60,69** **51,05** **43,40** **37,19** **33,65**	9109 11080 13151 13994 14661 15340 15850 16233 16440	0,8 0,9 1,1 1,3 1,5 1,7 2,0 2,4 2,6	**KR373-3E90L/4D** **KR373-2E90L/4C**	3,30 3,40	72 71	130	IE3 IE2
	19 22 25 30 35 41 45	694 609 539 454 387 332 300	**75,26** **66,00** **58,35** **49,08** **41,72** **35,75** **32,35**	15355 15969 16413 16912 17272 17542 17687	0,9 1,0 1,1 1,3 1,6 1,8 2,0	**KR283-3E90L/4D** **KR283-2E90L/4C**	3,30 3,40	48 47	118	IE3 IE2
	25 29 33 40 48 57 63 76 91 109 121 146 175 209	537 467 409 339 283 237 215 178 149 125 112 93 77 65	**58,15** **50,51** **44,20** **36,55** **30,48** **25,55** **23,08** **19,08** **15,92** **13,34** **12,00** **9,92** **8,28** **6,94**	11437 11945 12305 12722 13019 13332 13515 13742 13907 14050 13884 13235 12630 12057	0,8 1,0 1,1 1,3 1,6 1,8 1,9 2,2 2,5 2,8 2,2 2,6 3,0 3,4	**KR273-3E90L/4D** **KR273-2E90L/4C**	3,30 3,40	45 44	110	IE3 IE2
	38 46 55	354 293 245	**38,16** **31,55** **26,31**	3679 3892 4001	0,8 1,0 1,1	**KR203-3E90L/4D** **KR203-2E90L/4C**	3,30 3,40	41 40	106	IE3 IE2
	61 72 83	223 190 164	**23,79** **20,23** **17,47**	6772 6376 6036	1,3 1,5 1,6	**KR202-3E90L/4D** **KR202-2E90L/4C**	3,30 3,40	40 39	106	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
1,5 2,0	95 101 119 137 157 190 227	144 135 115 100 87 72 60	**15,26** **14,32** **12,17** **10,57** **9,25** **7,65** **6,38**	5739 5604 5276 5007 4767 4446 4162	1,8 1,9 2,1 2,4 2,6 3,0 3,4	**KR202-3E90L/4D** **KR202-2E90L/4C**	3,30 3,40	40 39	106	IE3 IE2
	99 116 131 140 166 199 231	137 118 104 97 82 69 59	**14,61** **12,51** **11,05** **10,32** **8,72** **7,29** **6,28**	5343 5040 4810 4688 4401 4115 3895	0,8 0,9 1,0 1,0 1,2 1,3 1,5	**KR102-3E90L/4D** **KR102-2E90L/4C**	3,30 3,40	27 26	102	IE3 IE2
	262 281 332 398 462	52 48 41 34 30	**11,05** **10,32** **8,72** **7,29** **6,28**	3714 3622 3405 3189 3023	1,6 1,6 2,0 2,2 2,4	**KR102-3E90S/2B** **KR102-2E90S/2A**	2,97 3,19	25 23	102	IE3 IE2
	154 180 194	88 76 70	**9,40** **8,04** **7,46**	2037 2072 2080	0,8 0,9 0,9	**KR002-3E90L/4D** **KR002-2E90L/4C**	3,30 3,40	26 25	98	IE3 IE2
	309 361 389	44 38 35	**9,40** **8,04** **7,46**	2042 2002 1980	1,2 1,5 1,6	**KR002-3E90S/2B** **KR002-2E90S/2A**	2,97 3,19	24 22	98	IE3 IE2
2,2 3,0	0,73	25212	**1985,89**	60017	0,8	**KR976-3E100L/4C** **KR976-2E100L/4B**	4,65 4,85	1120 1118	210	IE3 IE2
	0,91 1,0 1,2 1,4 1,5 1,7 2,0 2,2 2,5 2,8 3,2	20527 18443 15711 13862 12307 10981 9304 8567 7641 6761 6020	**1585,92** **1423,89** **1213,78** **1070,02** **949,26** **846,39** **715,34** **659,09** **586,70** **518,12** **460,51**	72502 77077 82281 85425 87941 89820 92129 93014 94226 95176 95989	1,0 1,1 1,3 1,4 1,6 1,8 2,1 2,3 2,6 3,0 3,3	**KR975-3E100L/4C** **KR975-2E100L/4B**	4,65 4,85	1115 1113	210	IE3 IE2
	3,6	5321	**398,92**	96705	3,8	**KR974-3E100L/4C** **KR974-2E100L/4B**	4,65 4,85	1100 1098	206	IE3 IE2
	1,5 1,7 1,9 2,2	12408 10956 9756 8746	**957,34** **844,51** **751,30** **673,01**	90454 96153 100520 103816	1,2 1,4 1,5 1,7	**KR875-3E100L/4C** **KR875-2E100L/4B**	4,65 4,85	688 686	198	IE3 IE2
	2,5 2,8	7667 6794	**383,99** **339,70**	106918 109386	2,0 2,2	**KR874-3E112M/6B** **KR874-2E112M/6A**	4,95 5,32	678 675	194	IE3 IE2

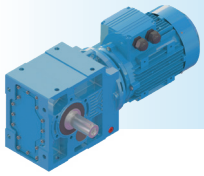
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

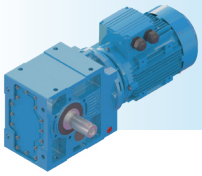
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
2,2 3,0	3,3 3,8 4,3 5,1 6,2	5818 5103 4522 3831 3145	**438,70** **383,99** **339,70** **287,10** **235,47**	111999 113778 115157 116725 122868	2,6 2,9 3,3 3,9 4,0	**KR874-3E100L/4C** **KR874-2E100L/4B**	4,65 4,85	697 695	194	IE3 IE2
	1,9 2,2	9640 8482	**746,01** **655,11**	43697 51811	0,8 0,9	**KR775-3E100L/4C** **KR775-2E100L/4B**	4,65 4,85	410 408	186	IE3 IE2
	2,4 2,7 3,1 3,5	7903 7073 6222 5573	**396,00** **354,32** **311,14** **278,35**	55312 59782 63818 66590	1,0 1,1 1,3 1,4	**KR774-3E112M/6B** **KR774-2E112M/6A**	4,95 5,32	387 3843	182	IE3 IE2
	3,7 4,1 4,7 5,2 6,0 7,0 8,0	5260 4707 4141 3709 3203 2778 2433	**396,00** **354,32** **311,14** **278,35** **240,71** **208,42** **182,29**	67765 69865 71861 73290 74861 76105 77065	1,5 1,7 1,9 2,2 2,5 2,9 3,3	**KR774-3E100L/4C** **KR774-2E100L/4B**	4,65 4,85	383 381	182	IE3 IE2
	4,0 4,5 5,3 6,2 7,1	4815 4262 3626 3122 2713	**363,81** **321,51** **273,88** **235,44** **204,32**	22700 28741 34100 37497 39957	0,9 1,0 1,2 1,4 1,6	**KR674-3E100L/4C** **KR674-2E100L/4B**	4,65 4,85	280 278	170	IE3 IE2
	7,1 9,6 11	2776 2057 1841	**127,16** **100,90** **90,21**	39572 43338 44333	1,5 2,1 2,3	**KR673-3E112M/6B** **KR673-2E112M/6A**	4,95 5,32	228 225	166	IE3 IE2
	11 14 16	1790 1373 1229	**127,16** **100,90** **90,21**	44531 46314 46873	2,4 3,1 3,5	**KR673-3E100L/4C** **KR673-2E100L/4B**	4,65 4,85	323 321	166	IE3 IE2
	5,9 6,1 6,9 8,0	3257 3142 2795 2392	**246,42** **237,97** **211,51** **180,90**	15565 17405 21659 25521	0,8 0,9 1,0 1,1	**KR574-3E100L/4C** **KR574-2E100L/4B**	4,65 4,85	171 169	158	IE3 IE2
	8,8 9,9	2230 1975	**109,86** **97,19**	26853 28736	1,2 1,4	**KR573-3E112M/6B** **KR573-2E112M/6A**	4,95 5,32	159 156	154	IE3 IE2
	12 13 15 18 22 24	1698 1488 1318 1116 916 809	**125,51** **109,86** **97,19** **82,14** **67,37** **59,49**	30509 31752 32683 33708 34643 35108	1,6 1,8 2,0 2,4 2,9 3,3	**KR573-3E100L/4C** **KR573-2E100L/4B**	4,65 4,85	156 154	154	IE3 IE2
	13 15 17 19 23	1498 1326 1186 1043 872	**110,65** **97,79** **87,49** **76,83** **64,17**	17069 18493 19515 20477 21504	1,0 1,2 1,3 1,5 1,8	**KR473-3E100L/4C** **KR473-2E100L/4B**	4,65 4,85	111 109	142	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
2,2 3,0	24 24 28 32 37 48	825 804 697 608 533 413	**60,63** **59,19** **51,22** **44,64** **39,11** **30,11**	21771 21883 22444 22879 23212 23753	1,9 1,9 2,2 2,5 2,9 3,8	**KR473-3E100L/4C** **KR473-2E100L/4B**	4,65 4,85	111 109	142	IE3 IE2
	19 21 24 28 33 39 43 50 59 66 78	1060 931 824 694 591 507 459 393 337 301 256	**78,29** **68,65** **60,69** **51,05** **43,40** **37,19** **33,65** **28,85** **24,72** **21,90** **18,62**	8376 10572 12006 13419 14412 15090 15456 15923 16292 16519 16777	0,8 0,9 1,0 1,2 1,4 1,6 1,8 2,1 2,4 2,7 3,2	**KR373-3E100L/4C** **KR373-2E100L/4B**	4,65 4,85	82 80	130	IE3 IE2
	30 35 41 45 52 61 68 80 93 103	667 567 487 441 378 324 294 250 215 194	**49,08** **41,72** **35,75** **32,35** **27,74** **23,76** **21,42** **18,21** **15,60** **14,12**	15537 16235 16727 16985 17317 17578 17717 17908 18054 17886	0,9 1,1 1,2 1,4 1,6 1,9 2,0 2,4 2,8 3,1	**KR283-3E100L/4C** **KR283-2E100L/4B**	4,65 4,85	55 53	118	IE3 IE2
	33 40 48 57 63 76 91 109 121 146 175 209	600 497 415 348 316 262 218 183 164 136 114 95	**44,20** **36,55** **30,48** **25,55** **23,08** **19,08** **15,92** **13,34** **12,00** **9,92** **8,28** **6,94**	10904 11733 12275 12785 13060 13409 13658 13861 13403 12838 12299 11780	0,7 0,9 1,1 1,2 1,3 1,5 1,7 1,9 1,5 1,8 2,0 2,3	**KR273-3E100L/4C** **KR273-2E100L/4B**	4,65 4,85	53 51	110	IE3 IE2
	217 242 292 350 418	92 82 68 57 48	**13,34** **12,00** **9,92** **8,28** **6,94**	13947 13403 12838 12299 11780	3,3 2,7 3,1 3,5 4,0	**KR273-3E90L/2C** **KR273-2E90L/2B**	4,25 4,48	46 44	110	IE3 IE2
	95 101 119 137 157 190 227	211 198 168 146 128 106 89	**15,26** **14,32** **12,17** **10,57** **9,25** **7,65** **6,38**	5873 5735 5398 5121 4872 4539 4243	1,2 1,3 1,5 1,6 1,8 2,0 2,3	**KR202-3E100L/4C** **KR202-2E100L/4B**	4,65 4,85	47 45	106	IE3 IE2
	314 379	64 53	**9,25** **7,65**	3768 3516	2,9 3,3	**KR202-3E90L/2C** **KR202-2E90L/2B**	4,25 4,48	40 38	106	IE3 IE2

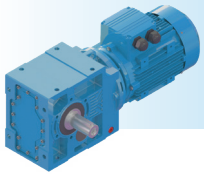
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

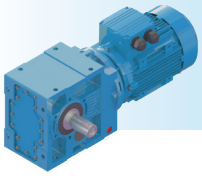
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
2,2 3,0	455	44	**6,38**	3292	3,7	**KR202-3E90L/2C** **KR202-2E90L/2B**	4,25 4,48	40 38	106	IE3 IE2
3,0 4,0	1,0 1,2 1,4 1,5 1,7 2,0 2,2 2,5 2,8 3,2	25149 21425 18903 16783 14974 12687 11683 10420 9220 8210	**1423,89** **1213,78** **1070,02** **949,26** **846,39** **715,34** **659,09** **586,70** **518,12** **460,51**	60373 70469 76208 80397 83604 87284 88810 90594 92175 93438	0,8 0,9 1,1 1,2 1,3 1,6 1,7 1,9 2,2 2,4	**KR975-3E100L/4D** **KR975-2E100L/4C**	6,26 6,42	1095 1090	210	IE3 IE2
	3,6 4,1 4,8	7256 6521 5559	**398,92** **358,16** **305,31**	94556 95369 96535	2,8 3,1 3,6	**KR974-3E100L/4D** **KR974-2E100L/4C**	6,26 6,42	1080 1075	206	IE3 IE2
	2,2 2,5	11926 10355	**673,01** **584,66**	92419 98329	1,3 1,4	**KR875-3E100L/4D** **KR875-2E100L/4C**	6,26 6,42	670 667	198	IE3 IE2
	2,9	9217	**339,70**	102283	1,6	**KR874-3E132S/6B** **KR874-2E132S/6A**	6,55 6,85	699 694	194	IE3 IE2
	3,3 3,8 4,3 5,1 6,2 7,0 7,8	7934 6958 6166 5223 4289 3794 3378	**438,70** **383,99** **339,70** **287,10** **235,47** **207,95** **184,83**	106177 108971 111100 113484 115693 116805 120594	1,9 2,2 2,4 2,9 3,5 4,0 4,0	**KR874-3E100L/4D** **KR874-2E100L/4C**	6,26 6,42	651 648	194	IE3 IE2
	3,1 3,5	8441 7560	**311,14** **278,35**	52078 57218	0,9 1,1	**KR774-3E132S/6B** **KR774-2E132S/6A**	6,55 6,85	414 409	182	IE3 IE2
	3,7 4,1 4,7 5,2 6,0 7,0 8,0	7172 6419 5647 5057 4368 3789 3318	**396,00** **354,32** **311,14** **278,35** **240,71** **208,42** **182,29**	59150 62825 66285 68627 71078 73032 74513	1,1 1,2 1,4 1,6 1,8 2,1 2,4	**KR774-3E100L/4D** **KR774-2E100L/4C**	6,26 6,42	386 383	182	IE3 IE2
	8,7 9,8 11 13	3092 2745 2459 2124	**111,63** **99,00** **88,57** **76,59**	75258 76225 77020 77906	2,6 2,9 3,3 3,8	**KR773-3E132S/6B** **KR773-2E132S/6A**	6,55 6,85	396 391	178	IE3 IE2
	5,3 6,2 7,1	4945 4257 3700	**273,88** **235,44** **204,32**	20850 28787 33544	0,9 1,0 1,2	**KR674-3E100L/4D** **KR674-2E100L/4C**	6,26 6,42	281 278	170	IE3 IE2
	7,1 9,6 11	3782 2788 2495	**127,16** **100,90** **90,21**	32717 39578 41195	1,1 1,5 1,7	**KR673-3E132S/6B** **KR673-2E132S/6A**	6,55 6,85	246 241	166	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
3,0 4,0	11 14 16 18	2443 1874 1677 1496	**127,16** **100,90** **90,21** **80,38**	41421 44201 45064 45821	1,8 2,3 2,6 2,9	**KR673-3E100L/4D** **KR673-2E100L/4C**	6,26 6,42	223 220	166	IE3 IE2
	8,0	3262	**180,90**	15479	0,8	**KR574-3E100L/4D** **KR574-2E100L/4C**	6,26 6,42	172 169	158	IE3 IE2
	10	2677	**97,19**	22912	1,0	**KR573-3E132S/6B** **KR573-2E132S/6A**	6,55 6,85	192 187	154	IE3 IE2
	12 13 15 18 22 24 27	2317 2031 1799 1522 1249 1105 983	**125,51** **109,86** **97,19** **82,14** **67,37** **59,49** **52,88**	26087 28341 29906 31557 33041 33763 34338	1,2 1,3 1,5 1,8 2,2 2,4 2,7	**KR573-3E100L/4D** **KR573-2E100L/4C**	6,26 6,42	157 154	154	IE3 IE2
	30 35	895 757	**97,19** **82,14**	34748 35668	3,0 3,4	**KR573-3E100L/2C** **KR573-2E100L/2B**	5,58 5,80	155 152	154	IE3 IE2
	15 17 19 23 24 24 28 32 37 48 58	1809 1618 1423 1190 1125 1097 951 830 728 563 471	**97,79** **87,49** **76,83** **64,17** **60,63** **59,19** **51,22** **44,64** **39,11** **30,11** **25,15**	13841 15934 17682 19514 19936 20157 21047 21743 22295 23068 23327	0,9 1,0 1,1 1,3 1,4 1,4 1,6 1,9 2,1 2,8 3,3	**KR473-3E100L/4D** **KR473-2E100L/4C**	6,26 6,42	113 110	142	IE3 IE2
	28 33 39 43 50 59 66 78 91	947 806 691 626 537 460 411 350 300	**51,05** **43,40** **37,19** **33,65** **28,85** **24,72** **21,90** **18,62** **15,96**	10331 12220 13443 14092 14875 15446 15803 16219 16528	0,9 1,0 1,2 1,3 1,5 1,8 2,0 2,3 2,7	**KR373-3E100L/4D** **KR373-2E100L/4C**	6,26 6,42	83 80	130	IE3 IE2
	100	272	**14,44**	16687	3,0	**KR373-3E100L/4D** **KR373-2E100L/4C**	6,26 6,42	83 80	130	IE3 IE2
	41 45 52 61 68 80 93 103 120 140	664 602 516 442 401 341 293 265 227 195	**35,75** **32,35** **27,74** **23,76** **21,42** **18,21** **15,60** **14,12** **12,10** **10,37**	15556 16025 16557 16979 17199 17496 17721 17452 16824 16197	0,9 1,0 1,2 1,4 1,5 1,8 2,0 2,3 2,5 2,8	**KR283-3E100L/4D** **KR283-2E100L/4C**	6,26 6,42	57 55	118	IE3 IE2

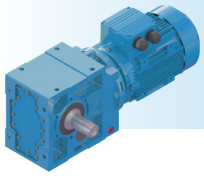
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

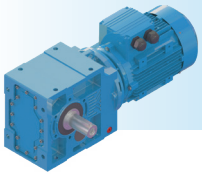
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
3,0 4,0	143 168 196 217 253	191 162 139 126 108	**10,16** **8,63** **7,40** **6,70** **5,74**	15847 15241 14670 14305 13752	1,9 2,2 2,5 2,7 3,1	**KR283-3E100L/4D** **KR283-2E100L/4C**	6,26 6,42	57 55	118	IE3 IE2
	48 57 63 76 91 109 121 146 175 209	566 475 431 357 298 250 224 186 155 130	**30,48** **25,55** **23,08** **19,08** **15,92** **13,34** **12,00** **9,92** **8,28** **6,94**	11203 12026 12426 12947 13328 13420 12855 12384 11920 11462	0,8 0,9 1,0 1,1 1,2 1,4 1,1 1,3 1,5 1,7	**KR273-3E100L/4D** **KR273-2E100L/4C**	6,26 6,42	55 52	110	IE3 IE2
	218 243 294 352 420	125 112 92 77 65	**13,34** **12,00** **9,92** **8,28** **6,94**	13420 12855 12384 11920 11462	2,4 2,0 2,3 2,6 2,9	**KR273-3E100L/2C** **KR273-2E100L/2B**	5,58 5,80	51 48	110	IE3 IE2
	95 101 119 137 157 190 227	288 270 230 200 175 145 121	**15,26** **14,32** **12,17** **10,57** **9,25** **7,65** **6,38**	5955 5822 5491 5215 4964 4625 4322	0,9 0,9 1,1 1,2 1,3 1,5 1,7	**KR202-3E100L/4D** **KR202-2E100L/4C**	6,26 6,42	49 46	106	IE3 IE2
	315 381 457	87 72 60	**9,25** **7,65** **6,38**	3825 3565 3334	2,1 2,4 2,7	**KR202-3E100L/2C** **KR202-2E100L/2B**	5,58 5,80	46 43	106	IE3 IE2
4,0 5,5	1,4 1,5 1,7 2,0 2,2 2,5 2,8 3,2	25031 22224 19829 16801 15470 13798 12209 10871	**1070,02** **949,26** **846,39** **715,34** **659,09** **586,70** **518,12** **460,51**	60768 68501 74160 80302 82814 85532 88072 89940	0,8 0,9 1,0 1,2 1,3 1,4 1,6 1,8	**KR975-3E112M/4D** **KR975-2E112M/4C**	8,05 8,20	1108 1105	210	IE3 IE2
	3,7 4,1 4,8 5,4 6,1 8,0	9608 8635 7361 6497 5771 4403	**398,92** **358,16** **305,31** **269,15** **238,77** **181,51**	91640 92868 94373 95493 96305 100058	2,1 2,3 2,7 3,1 3,5 4,0	**KR974-3E112M/4D** **KR974-2E112M/4C**	8,05 8,20	1090 1087	206	IE3 IE2
	2,8 3,1	12068 10899	**514,05** **463,83**	92017 96505	1,2 1,4	**KR875-3E112M/4D** **KR875-2E112M/4C**	8,05 8,20	677 675	198	IE3 IE2
	3,8 4,3 5,1 6,2	9214 8165 6917 5680	**383,99** **339,70** **287,10** **235,47**	102306 105549 109020 112301	1,6 1,8 2,2 2,6	**KR874-3E112M/4D** **KR874-2E112M/4C**	8,05 8,20	661 659	194	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
4,0 5,5	7,0	5024	**207,95**	113926	3,0	**KR874-3E112M/4D** **KR874-2E112M/4C**	8,05 8,20	661 659	194	IE3 IE2
	3,7 4,1 4,7 5,2 6,1 7,0 8,0	9497 8500 7478 6697 5785 5017 4394	**396,00** **354,32** **311,14** **278,35** **240,71** **208,42** **182,29**	44605 51831 57677 61629 65713 68775 70935	0,8 0,9 1,1 1,2 1,4 1,6 1,8	**KR774-3E112M/4D** **KR774-2E112M/4C**	8,05 8,20	394 392	182	IE3 IE2
	8,7 9,8 11 13 15 17	4127 3664 3281 2835 2459 2153	**111,63** **99,00** **88,57** **76,59** **66,32** **58,00**	71956 73471 74615 75970 76931 77814	1,9 2,2 2,4 2,8 3,3 3,7	**KR773-3E132M/6C** **KR773-2E132M/6B**	8,52 8,80	408 403	178	IE3 IE2
	7,1 9,6 11	5047 3721 3330	**127,16** **100,90** **90,21**	19073 33383 36197	0,9 1,2 1,3	**KR673-3E132M/6C** **KR673-2E132M/6B**	8,52 8,80	239 234	166	IE3 IE2
	11 14 16 18	3258 2482 2222 1982	**127,16** **100,90** **90,21** **80,38**	36660 41219 42596 43675	1,3 1,7 1,9 2,2	**KR673-3E112M/4D** **KR673-2E112M/4C**	8,05 8,20	234 232	166	IE3 IE2
	13 15 18 22 25 28 33 38	2690 2383 2017 1655 1463 1302 1103 942	**109,86** **97,19** **82,14** **67,37** **59,49** **52,88** **44,73** **38,16**	22797 25605 28440 30808 31921 32744 34132 35377	1,0 1,1 1,3 1,6 1,8 2,1 2,4 2,7	**KR573-3E112M/4D** **KR573-2E112M/4C**	8,05 8,20	165 163	154	IE3 IE2
	43 49	830 734	**67,37** **59,49**	36050 36784	3,0 3,2	**KR573-3E112M/2C** **KR573-2E112M/2A**	7,28 7,50	161 157	154	IE3 IE2
	23 24 25 29 33 37 48 58 61 63 73 83	1577 1491 1454 1260 1099 964 746 625 590 576 499 436	**64,17** **60,63** **59,19** **51,22** **44,64** **39,11** **30,11** **25,15** **23,76** **23,19** **20,07** **17,49**	16339 17138 17463 19013 20136 20986 22200 22635 22358 22241 21532 20857	1,0 1,0 1,1 1,2 1,4 1,6 2,1 2,5 2,6 2,7 3,0 3,3	**KR473-3E112M/4D** **KR473-2E112M/4C**	8,05 8,20	121 119	142	IE3 IE2
	34 39 43 51 59	1068 916 830 711 610	**43,40** **37,19** **33,65** **28,85** **24,72**	8204 10802 11934 13270 14241	0,8 0,9 1,0 1,2 1,3	**KR373-3E112M/4D** **KR373-2E112M/4C**	8,05 8,20	90 88	130	IE3 IE2

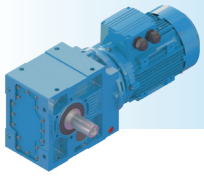
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

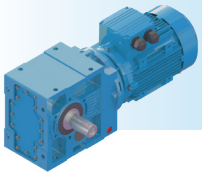
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
4,0 5,5	67 78 92 101 118 138	544 463 398 360 309 265	**21,90** **18,62** **15,96** **14,44** **12,38** **10,60**	14785 15412 15882 16150 16476 16163	1,5 1,8 2,1 2,3 2,7 3,0	**KR373-3E112M/4D** **KR373-2E112M/4C**	8,05 8,20	90 88	130	IE3 IE2
	53 61 68 80 94 103 121 141 144 169 197 218 254 297	683 586 531 452 388 351 301 258 253 215 185 167 143 123	**27,74** **23,76** **21,42** **18,21** **15,60** **14,12** **12,10** **10,37** **10,16** **8,63** **7,40** **6,70** **5,74** **4,92**	15437 16110 16463 16923 17258 16907 16357 15798 15368 14834 14321 13990 13482 12976	0,9 1,0 1,1 1,3 1,5 1,7 1,9 2,1 1,5 1,7 1,9 2,0 2,3 2,6	**KR283-3E112M/4D** **KR283-2E112M/4C**	8,05 8,20	64 63	118	IE3 IE2
	63 77 92 109 122 147 176 210	571 473 395 332 297 246 206 173	**23,08** **19,08** **15,92** **13,34** **12,00** **9,92** **8,28** **6,94**	11483 12297 12863 12762 12168 11817 11447 11066	0,7 0,8 0,9 1,1 0,8 1,0 1,1 1,3	**KR273-3E112M/4D** **KR273-2E112M/4C**	8,05 8,20	63 61	110	IE3 IE2
	218 243 294 352 420	166 149 124 103 87	**13,34** **12,00** **9,92** **8,28** **6,94**	12762 12168 11817 11447 11066	1,8 1,5 1,7 1,9 2,2	**KR273-3E112M/2C** **KR273-2E112M/2A**	7,28 7,50	58 54	110	IE3 IE2
	138 158 191 229	265 232 192 160	**10,57** **9,25** **7,65** **6,38**	5261 5021 4688 4385	0,9 1,0 1,1 1,3	**KR202-3E112M/4D** **KR202-2E112M/4C**	8,05 8,20	56 54	106	IE3 IE2
	315 381 457	116 96 80	**9,25** **7,65** **6,38**	3892 3625 3388	1,6 1,8 2,1	**KR202-3E112M/2C** **KR202-2E112M/2A**	7,28 7,50	53 48	106	IE3 IE2
5,5 7,5	2,0 2,2 2,5 2,8 3,2 3,4 4,0	23101 21272 18973 16787 14948 13861 11746	**715,34** **659,09** **586,70** **518,12** **460,51** **427,72** **361,44**	66223 70837 76058 80320 83679 85556 88672	0,9 0,9 1,1 1,2 1,3 1,4 1,7	**KR975-3E132S/4C** **KR975-2E132S/4B**	10,65 11,05	1128 1120	210	IE3 IE2
	3,7 4,1 4,8 5,4 6,1	13211 11874 10121 8933 7934	**398,92** **358,16** **305,31** **269,15** **238,77**	86458 88481 90923 92450 93799	1,5 1,7 2,0 2,2 2,5	**KR974-3E132S/4C** **KR974-2E132S/4B**	10,65 11,05	1113 1108	206	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
5,5 7,5	8,0 8,6 9,7	6054 5631 5044	**181,51** **168,94** **151,03**	95993 96458 97086	3,3 3,6 4,0	**KR974-3E132S/4C** **KR974-2E132S/4B**	10,65 11,05	1113 1108	206	IE3 IE2
	4,3 5,1 6,2 7,0	11227 9511 7809 6909	**339,70** **287,10** **235,47** **207,95**	95138 101336 106545 109108	1,3 1,6 1,9 2,2	**KR874-3E132S/4C** **KR874-2E132S/4B**	10,65 11,05	660 654	194	IE3 IE2
	8,4 9,4 10 12	5905 5267 4740 4137	**115,87** **103,24** **92,80** **81,06**	111829 113495 114627 116023	2,5 2,8 3,2 3,6	**KR873-3E132M/6D** **KR873-2E132M/6C**	11,55 12,00	652 647	190	IE3 IE2
	5,2 6,1 7,0 8,0	9208 7954 6898 6042	**278,35** **240,71** **208,42** **182,29**	46845 55019 60535 64522	0,9 1,0 1,2 1,3	**KR774-3E132S/4C** **KR774-2E132S/4B**	10,65 11,05	429 423	182	IE3 IE2
	8,7 9,8 11 13	5678 5042 4515 3902	**111,63** **99,00** **88,57** **76,59**	66155 68574 70527 72638	1,4 1,6 1,8 2,1	**KR773-3E132M/6D** **KR773-2E132M/6C**	11,55 12,00	407 402	178	IE3 IE2
	13 15 16 19 22	3786 3362 3011 2602 2256	**111,63** **99,00** **88,57** **76,59** **66,32**	73041 74380 75433 76614 77554	2,1 2,4 2,7 3,1 3,5	**KR773-3E132S/4C** **KR773-2E132S/4B**	10,65 11,05	399 393	178	IE3 IE2
	11	4582	**90,21**	25491	0,9	**KR673-3E132M/6D** **KR673-2E132M/6C**	11,55 12,00	239 234	166	IE3 IE2
	11 14 16 18 21 25 29 33	4480 3413 3055 2725 2320 1998 1736 1520	**127,16** **100,90** **90,21** **80,38** **68,47** **58,86** **51,08** **44,65**	26442 35551 37921 39887 42076 43633 44809 45724	1,0 1,3 1,4 1,6 1,9 2,2 2,5 2,8	**KR673-3E132S/4C** **KR673-2E132S/4B**	10,65 11,05	249 243	166	IE3 IE2
	15 18 22 25 28 33 38 41 48 57 64	3276 2773 2276 2012 1790 1517 1296 1199 1028 882 780	**97,19** **82,14** **67,37** **59,49** **52,88** **44,73** **38,16** **35,34** **30,25** **25,78** **22,77**	15243 21892 26421 28423 29925 32067 33803 34580 35853 36406 37145	0,8 1,0 1,2 1,3 1,5 1,7 1,9 2,0 2,2 2,6 2,8	**KR573-3E132S/4C** **KR573-2E132S/4B**	10,65 11,05	180 174	154	IE3 IE2
	29 33	1732 1512	**51,22** **44,64**	14734 16950	0,9 1,0	**KR473-3E132S/4C** **KR473-2E132S/4B**	10,65 11,05	138 132	142	IE3 IE2

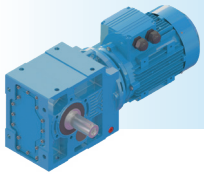
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

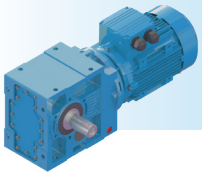
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
5,5 7,5	37 48 58 61 63 73 83 95 106 123 141 161 195	1326 1026 859 812 792 686 599 526 469 406 355 311 258	**39,11** **30,11** **25,15** **23,76** **23,19** **20,07** **17,49** **15,33** **13,71** **11,87** **10,34** **9,06** **7,48**	18473 20584 21596 21378 21284 20704 20135 19577 18525 17983 17459 16950 16212	1,2 1,5 1,8 1,9 2,0 2,2 2,4 2,6 2,1 2,4 2,6 2,9 3,4	**KR473-3E132S/4C** **KR473-2E132S/4B**	10,65 11,05	138 132	142	IE3 IE2
	51 59 67 78 92 101 118 138 146 171 189 220 257	978 839 748 637 547 495 424 364 342 293 266 228 195	**28,85** **24,72** **21,90** **18,62** **15,96** **14,44** **12,38** **10,60** **9,97** **8,54** **7,73** **6,63** **5,68**	9843 11823 12848 13971 14782 15173 15716 15570 15027 14580 14284 13821 13349	0,8 1,0 1,1 1,3 1,5 1,7 1,9 2,2 1,9 2,1 2,3 2,6 3,0	**KR373-3E132S/4C** **KR373-2E132S/4B**	10,65 11,05	103 97	130	IE3 IE2
	68 80 94 103 121 141 144 169 197 218 254 297	730 622 534 483 414 355 347 296 254 230 197 169	**21,42** **18,21** **15,60** **14,12** **12,10** **10,37** **10,16** **8,63** **7,40** **6,70** **5,74** 4,92	15076 15873 16345 16083 15653 15196 14644 14220 13797 13516 13076 12629	0,8 1,0 1,1 1,2 1,4 1,5 1,1 1,2 1,4 1,5 1,7 1,9	**KR283-3E132S/4C** **KR283-2E132S/4B**	10,65 11,05	84 82	118	IE3 IE2
	176 210	283 237	**8,28** **6,94**	10737 10471	0,8 0,9	**KR273-3E132S/4C** **KR273-2E132S/4B**	10,65 11,05	82 77	110	IE3 IE2
	221 297 356 425	226 168 140 118	**13,34** **9,92** **8,28** **6,94**	11775 10966 10737 10471	1,3 1,3 1,4 1,6	**KR273-3E132S/2B** **KR273-2E132S/2A**	9,90 10,20	73 71	110	IE3 IE2
7,5 10	2,7	24109	**361,44**	63458	0,8	**KR975-3E160M/6D** **KR975-2E160M/6B**	15,00 15,00	1210 1190	210	IE3 IE2
	2,8 3,2 3,4 4,1	22813 20314 18836 15963	**518,12** **460,51** **427,72** **361,44**	67024 73062 76267 81980	0,9 1,0 1,1 1,3	**KR975-3E132M/4D** **KR975-2E132M/4C**	14,40 15,00	1135 1130	210	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
7,5 10	3,7 4,1 4,8 5,4 6,1 8,1 8,7 9,7 11	17954 16136 13754 12140 10783 8227 7653 6855 6119	**398,92** **358,16** **305,31** **269,15** **238,77** **181,51** **168,94** **151,03** **134,57**	78103 81518 85582 88066 90001 93440 94141 94979 95862	1,1 1,2 1,5 1,6 1,9 2,4 2,6 2,9 3,3	**KR974-3E132M/4D** **KR974-2E132M/4C**	14,40 15,00	1120 1112	206	IE3 IE2
	5,1 6,2 7,0 7,9 9,1 10	12925 10613 9389 8358 7308 6457	**287,10** **235,47** **207,95** **184,83** **161,34** **142,32**	88255 97408 101630 104835 107991 110333	1,2 1,4 1,6 1,8 2,1 2,3	**KR874-3E132M/4D** **KR874-2E132M/4B**	14,40 15,00	694 689	194	IE3 IE2
	8,4 9,4 10 12 14 16	8054 7184 6465 5643 4933 4358	**115,87** **103,24** **92,80** **81,06** **70,76** **62,42**	105903 108410 110370 112482 114174 115539	1,9 2,1 2,3 2,7 3,0 3,4	**KR873-3E160M/6D** **KR873-2E160M/6B**	15,00 15,00	750 750	190	IE3 IE2
	13 14 16 18	5352 4775 4297 3751	**115,87** **103,24** **92,80** **81,06**	113168 114564 115676 116901	2,8 3,1 3,5 4,0	**KR873-3E132M/4D** **KR873-2E132M/4C**	14,40 15,00	678 673	190	IE3 IE2
	8,7 9,8 11 13	7745 6877 6159 5322	**111,63** **99,00** **88,57** **76,59**	56304 60758 64101 67596	1,0 1,2 1,3 1,5	**KR773-3E160M/6D** **KR773-2E160M/6B**	15,00 15,00	485 485	178	IE3 IE2
	13 15 17 19 22 25 29	5147 4570 4093 3537 3068 2687 2372	**111,63** **99,00** **88,57** **76,59** **66,32** **58,00** **51,13**	68279 70363 72024 73873 75293 76366 77246	1,6 1,8 2,0 2,3 2,6 3,0 3,4	**KR773-3E132M/4D** **KR773-2E132M/4C**	14,40 15,00	413 408	178	IE3 IE2
	15 16 18 21 25 29 33 45 52	4640 4153 3705 3154 2716 2360 2066 1519 1308	**100,90** **90,21** **80,38** **68,47** **58,86** **51,08** **44,65** **32,68** **28,10**	24872 29758 33503 37291 39941 41901 43357 45726 46568	0,9 1,0 1,2 1,4 1,6 1,8 2,1 2,8 3,3	**KR673-3E132M/4D** **KR673-2E132M/4C**	14,40 15,00	262 257	166	IE3 IE2
	22 25 28 33 38 41	3094 2735 2434 2062 1761 1630	**67,37** **59,49** **52,88** **44,73** **38,16** **35,34**	18091 22291 25162 28634 31327 32457	0,9 1,0 1,1 1,3 1,4 1,5	**KR573-3E132M/4D** **KR573-2E132M/4C**	14,40 15,00	193 188	154	IE3 IE2

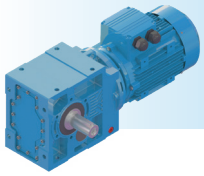
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

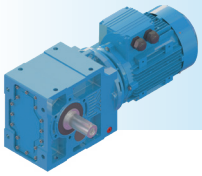
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
7,5	48	1397	**30,25**	34261	1,6	**KR573-3E132M/4D**	14,40	193	154	IE3
10	57	1199	**25,78**	35160	1,9	**KR573-2E132M/4C**	15,00	188		IE2
	64	1060	**22,77**	36129	2,1					
	72	943	**20,24**	36931	2,2					
	78	875	**18,80**	37332	2,3					
	92	741	**15,88**	36353	2,6					
	108	632	**13,53**	34997	2,9					
	127	542	**11,58**	33696	3,1					
	37	1803	**39,11**	13919	0,9	**KR473-3E132M/4D**	14,40	151	142	IE3
	49	1395	**30,11**	17939	1,1	**KR473-2E132M/4C**	15,00	146		IE2
	58	1168	**25,15**	19645	1,3					
	62	1104	**23,76**	20070	1,4					
	63	1076	**23,19**	20007	1,4					
	73	933	**20,07**	19599	1,6					
	84	814	**17,49**	19172	1,7					
	96	715	**15,33**	18733	1,9					
	107	637	**13,71**	17560	1,6					
	123	553	**11,87**	17148	1,8					
	142	482	**10,34**	16731	1,9					
	162	423	**9,06**	16312	2,1					
	196	350	**7,48**	15685	2,5					
	236	291	**6,21**	15061	2,9					
	248	275	**11,87**	17148	2,8	**KR473-3E132S/2C**	13,20	134	142	IE3
	285	240	**10,34**	16731	3,2	**KR473-2E132S/2B**	13,60	127		IE2
	325	211	**9,06**	16312	3,5					
	67	1017	**21,90**	9185	0,8	**KR373-3E132M/4D**	14,40	118	130	IE3
	79	866	**18,62**	11470	0,9	**KR373-2E132M/4C**	15,00	113		IE2
	92	743	**15,96**	12926	1,1					
	101	673	**14,44**	13644	1,2					
	118	577	**12,38**	14526	1,4					
	138	495	**10,60**	14773	1,6					
	147	465	**9,97**	14152	1,4					
	172	399	**8,54**	13833	1,6					
	190	361	**7,73**	13609	1,7					
	221	310	**6,63**	13242	1,9					
	258	266	**5,68**	12854	2,2					
	278	247	**10,60**	14773	2,6	**KR373-3E132S/2C**	13,20	111	130	IE3
	295	232	**9,97**	14152	2,3	**KR373-2E132S/2B**	13,60	104		IE2
	345	199	**8,54**	13833	2,6					
	381	180	**7,73**	13609	2,8					
	444	154	**6,63**	13242	3,1					
	94	725	**15,60**	15113	0,8	**KR283-3E132M/4D**	14,40	90	118	IE3
	104	657	**14,12**	14973	0,9	**KR283-2E132M/4C**	15,00	85		IE2
	121	563	**12,10**	14705	1,0					
	141	483	**10,37**	14387	1,1					
	170	402	**8,63**	13397	0,9					
	198	345	**7,40**	13093	1,0					
	219	313	**6,70**	12880	1,1					
	255	268	**5,74**	12532	1,2					
	298	230	**4,92**	12163	1,4					
	341	201	**8,63**	13397	1,4	**KR283-3E132S/2C**	13,20	82	118	IE3
	398	172	**7,40**	13093	1,6	**KR283-2E132S/2B**	13,60	77		IE2
	440	156	**6,70**	12880	1,8					

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
7,5	185	368	**15,92**	10344	0,8	**KR273-3E132S/2C**	13,20	77	110	IE3
10	221	309	**13,34**	10459	1,0	**KR273-2E132S/2B**	13,60	71		IE2
	297	229	**9,92**	9831	0,9					
	356	192	**8,28**	9791	1,0					
	425	161	**6,94**	9677	1,2					
11	5,3	18223	**181,51**	77521	1,1	**KR974-3E160L/6E**	21,50	1211	206	IE3
15	5,7	16952	**168,94**	80002	1,2	**KR974-2E160L/6D**	22,00	1195		IE2
	6,4	15184	**151,03**	83191	1,3					
	7,2	13555	**134,57**	85901	1,5					
	8,1	12025	**181,51**	88228	1,7	**KR974-3E160M/4C**	21,00	1196	206	IE3
	8,7	11186	**168,94**	89439	1,8	**KR974-2E160M/4B**	21,00	1186		IE2
	9,7	10020	**151,03**	91079	2,0					
	11	8945	**134,57**	92510	2,2					
	10	9873	**146,20**	91267	2,0	**KR973-3E160M/4C**	21,00	1176	202	IE3
	11	8817	**130,38**	92669	2,3	**KR973-2E160M/4B**	21,00	1170		IE2
	13	7943	**117,32**	93772	2,5					
	14	7027	**103,87**	94873	2,8					
	16	6156	**90,85**	95873	3,2					
	18	5450	**80,31**	96733	3,7					
	21	4865	**71,60**	97866	4,0					
	8,0	12217	**184,83**	91409	1,2	**KR874-3E160M/4C**	21,00	762	194	IE3
	9,1	10683	**161,34**	97286	1,4	**KR874-2E160M/4B**	21,00	772		IE2
	10	9438	**142,32**	101572	1,6					
	8,4	11819	**115,87**	93008	1,3	**KR873-3E160L/6E**	21,50	766	190	IE3
	9,4	10543	**103,24**	97791	1,4	**KR873-2E160L/6D**	22,00	766		IE2
	10	9488	**92,80**	101239	1,6					
	12	8282	**81,06**	105084	1,8					
	12	8213	**115.87**	105498	1.8	**KR873-3E160M/4C**	21,00	741	190	IE3
	14	7327	**103.24**	108095	2.0	**KR873-2E160M/4B**	21,00	751		IE2
	15	6593	**92.80**	110090	2.3					
	17	5756	**81.06**	112392	2.6					
	20	5032	**70.76**	114064	3.0					
	22	4445	**62.42**	115398	3.4					
	11	9038	**88,57**	48219	0,9	**KR773-3E160L/6E**	21,50	450	178	IE3
	13	7810	**76,59**	55843	1,0	**KR773-2E160L/6D**	22,00	450		IE2
	13	7525	**111,63**	57419	1,1	**KR773-3E160M/4C**	21,00	476	178	IE3
	15	6682	**99,00**	61698	1,2	**KR773-2E160M/4B**	21,00	486		IE2
	17	5984	**88,57**	64860	1,3					
	19	5172	**76,59**	68181	1,5					
	22	4485	**66,32**	70695	1,8					
	25	3928	**58,00**	72610	2,0					
	29	3468	**51,13**	74086	2,3					
	32	3080	**45,36**	73382	2,6					
	36	2749	**40,44**	71725	2,9					
	38	2649	**39,00**	71192	3,0					
	44	2298	**33,78**	69061	3,5					

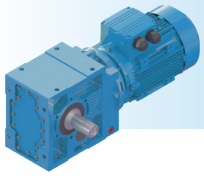
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

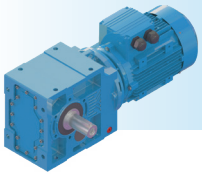
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
11 15	21 25 29 33 37 45 52 60 69 78	4612 3971 3451 3021 2659 2221 1913 1663 1456 1281	**68,47** **58,86** **51,08** **44,65** **39,26** **32,68** **28,10** **24,38** **21,32** **18,74**	25154 31365 35367 38196 40310 42597 44063 45097 45997 46687	0,9 1,1 1,2 1,4 1,6 1,9 2,2 2,6 3,0 3,4	**KR673-3E160M/4C** **KR673-2E160M/4B**	21,00 21,00	322 332	166	IE3 IE2
	33 39 42 49 57 65 73 78 93 109 127 131 155 182 213	3015 2575 2383 2042 1752 1550 1379 1279 1083 924 792 764 647 552 473	**44,73** **38,16** **35,34** **30,25** **25,78** **22,77** **20,24** **18,80** **15,88** **13,53** **11,58** **11,22** **9,48** **8,07** **6,91**	20090 25664 27743 30881 32523 34000 35220 35839 34717 33604 32503 31906 30758 29654 28586	0,9 1,0 1,0 1,1 1,3 1,4 1,5 1,6 1,8 2,0 2,1 1,9 2,1 2,4 2,6	**KR573-3E160M/4C** **KR573-2E160M/4B**	21,00 21,00	257 267	154	IE3 IE2
	63 73 84 96 107 124 142 162 196 237	1574 1364 1191 1045 932 808 705 619 512 426	**23,19** **20,07** **17,49** **15,33** **13,71** **11,87** **10,34** **9,06** **7,48** **6,21**	16370 17666 17487 17257 15872 15688 15458 15197 14764 14296	1,0 1,1 1,2 1,3 1,1 1,2 1,3 1,5 1,7 1,9	**KR473-3E160M/4C** **KR473-2E160M/4B**	21,00 21,00	214 224	142	IE3 IE2
15 20	6,5 7,3	20600 18389	**151,03** **134,57**	72487 77184	1,0 1,1	**KR974-3E180L/6E** **KR974-2E180L/6D**	29,00 29,00	1255 1243	206	IE3 IE2
	8,1 8,7 9,7 11	16397 15253 13663 12197	**181,51** **168,94** **151,03** **134,57**	81033 83074 85735 88015	1,2 1,3 1,5 1,6	**KR974-3E160L/4D** **KR974-2E160L/4C**	29,00 29,30	1205 1195	206	IE3 IE2
	10 11 13 14 16 18 21 23 27	13466 12025 10833 9585 8396 7433 6635 5964 5086	**146,20** **130,38** **117,32** **103,87** **90,85** **80,31** **71,60** **64,28** **54,80**	86045 88268 89994 91699 93346 94462 95361 96166 97370	1,5 1,7 1,8 2,1 2,4 2,7 3,0 3,3 3,9	**KR973-3E160L/4D** **KR973-2E160L/4C**	29,00 29,30	1187 1182	202	IE3 IE2
	9,4 11 12	14306 12874 11237	**103,24** **92,80** **81,06**	82207 88673 95249	1,0 1,2 1,3	**KR873-3E180L/6E** **KR873-2E180L/6D**	29,00 29,00	809 789	190	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
15 20	13 14 16 18 21 24 26 30	10673 9522 8569 7480 6540 5778 5147 4616	**115,87** **103,24** **92,80** **81,06** **70,76** **62,42** **55,53** **49,75**	97450 101404 104431 107574 110229 112156 113745 114934	1,4 1,6 1,8 2,0 2,3 2,6 2,9 3,2	**KR873-3E160L/4D** **KR873-2E160L/4C**	29,00 29,30	766 763	190	IE3 IE2
	15 17 19 22 25 29 32 36 38 44 50 55 62	9113 8162 7054 6117 5358 4730 4201 3750 3613 3134 2731 2468 2193	**99,00** **88,57** **76,59** **66,32** **58,00** **51,13** **45,36** **40,44** **39,00** **33,78** **29,40** **26,52** **23,52**	47536 53663 59800 64248 67449 69758 69360 68138 67733 66065 64367 63065 61523	0,9 1,0 1,1 1,3 1,5 1,7 1,9 2,1 2,2 2,6 2,9 3,2 3,6	**KR773-3E160L/4D** **KR773-2E160L/4C**	29,00 29,30	501 498	178	IE3 IE2
	29 33 37 45 52 60 69 78 89 101 118 136 156 177	4707 4120 3627 3030 2609 2268 1986 1748 1545 1347 1161 1009 883 778	**51,08** **44,65** **39,26** **32,68** **28,10** **24,38** **21,32** **18,74** **16,54** **14,49** **12,46** **10,81** **9,45** **8,31**	23948 30057 34185 38205 40633 42359 43740 44807 45641 50991 50192 48599 47088 45648	0,9 1,0 1,2 1,4 1,6 1,9 2,2 2,5 2,8 2,2 2,4 2,7 2,9 3,2	**KR673-3E160L/4D** **KR673-2E160L/4C**	29,00 29,30	363 360	166	IE3 IE2
	57 65 73 78 93 109 127 131 155 182 213	2390 2114 1881 1745 1477 1260 1080 1043 883 753 646	**25,78** **22,77** **20,24** **18,80** **15,88** **13,53** **11,58** **11,22** **9,48** **8,07** **6,91**	28613 31047 32895 33626 32847 32012 31140 30448 29526 28605 27688	1,0 1,0 1,1 1,2 1,3 1,4 1,6 1,4 1,6 1,7 1,9	**KR573-3E160L/4D** **KR573-2E160L/4C**	29,00 29,30	281 278	154	IE3 IE2
	84 96 107 124 142 162 196 237	1624 1425 1271 1102 962 844 699 581	**17,49** **15,33** **13,71** **11,87** **10,34** **9,06** **7,48** **6,21**	15562 15570 13943 14018 14003 13922 13711 13422	0,9 1,0 0,8 0,9 1,0 1,1 1,2 1,4	**KR473-3E160L/4D** **KR473-2E160L/4C**	29,00 29,30	240 237	142	IE3 IE2

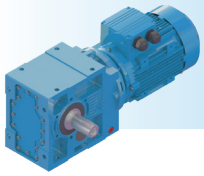
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

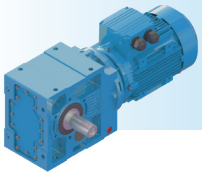
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
18,5 25	9,4	17756	**103,87**	78589	1,1	**KR973-3E200L/6C** **KR973-2E200L/6B**	36,40 36,50	1276 1256	202	IE3 IE2
	9,8 11	16794 14992	**151,03** **134,57**	80303 83537	1,2 1,3	**KR974-3E180M/4C** **KR974-2E180M/4B**	34,50 34,50	1242 1232	206	IE3 IE2
	11 13 14 16 18 21 23 27 31 34	14782 13317 11782 10321 9137 8156 7332 6252 5519 4902	**130,38** **117,32** **103,87** **90,85** **80,31** **71,60** **64,28** **54,80** **48,31** **42,86**	83894 86297 88638 90798 92332 93547 94602 96091 96916 97720	1,4 1,5 1,7 1,9 2,2 2,5 2,7 3,2 3,6 4,0	**KR973-3E180M/4C** **KR973-2E180M/4B**	34,50 34,50	1224 1214	202	IE3 IE2
	13 15	12640 10983	**113,42** **98,53**	89656 96189	1,2 1,4	**KR874-3E180M/4C** **KR874-2E180M/4B**	34,50 34,50	821 821	194	IE3 IE2
	12 14	13858 12115	**81,06** **70,76**	84247 91801	1,1 1,2	**KR873-3E200L/6C** **KR873-2E200L/6B**	36,40 36,50	807 807	190	IE3 IE2
	14 16 18 21 24 27 30 34 39	11704 10533 9195 8040 7102 6327 5674 4930 4341	**103,24** **92,80** **81,06** **70,76** **62,42** **55,53** **49,75** **43,22** **38,00**	93451 97821 102364 105817 108630 110730 112387 114806 112515	1,3 1,4 1,6 1,9 2,1 2,4 2,6 3,0 3,3	**KR873-3E180M/4C** **KR873-2E180M/4B**	34,50 34,50	804 804	190	IE3 IE2
	19 22 25 29 33 36 38 44 50 56 63 70 73	8671 7520 6586 5814 5164 4610 4441 3853 3358 3034 2695 2406 2318	**76,59** **66,32** **58,00** **51,13** **45,36** **40,44** **39,00** **33,78** **29,40** **26,52** **23,52** **20,97** **20,23**	50588 57472 62026 65570 65841 65000 64707 63444 62085 61007 59698 58398 57978	0,9 1,1 1,2 1,4 1,5 1,7 1,8 2,1 2,4 2,6 3,0 3,3 3,4	**KR773-3E180M/4C** **KR773-2E180M/4B**	34,50 34,50	537 537	178	IE3 IE2
	33 38 45 52 60 69 79 89 102 118 136 156	5065 4458 3724 3207 2788 2441 2149 1899 1656 1427 1240 1086	**44,65** **39,26** **32,68** **28,10** **24,38** **21,32** **18,74** **16,54** **14,49** **12,46** **10,81** **9,45**	19115 26817 33355 37015 39559 41471 42949 44104 50128 48913 47488 46117	0,8 1,0 1,2 1,3 1,5 1,8 2,0 2,3 1,8 2,0 2,2 2,4	**KR673-3E180M/4C** **KR673-2E180M/4B**	34,50 34,50	399 399	166	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
18,5 25	178	956	**8,31**	44795	2,6	**KR673-3E180M/4C** **KR673-2E180M/4B**	34,50 34,50	399 399	166	IE3 IE2
	65 73 78 93 109 127 131 156 183 213	2598 2313 2145 1816 1549 1328 1282 1085 926 794	**22,77** **20,24** **18,80** **15,88** **13,53** **11,58** **11,22** **9,48** **8,07** **6,91**	27790 30454 31689 31210 30618 29948 29173 28449 27687 26903	0,8 0,9 1,0 1,1 1,2 1,3 1,1 1,3 1,4 1,5	**KR573-3E180M/4C** **KR573-2E180M/4B**	34,50 34,50	321 321	154	IE3 IE2
	163 197 237	1038 859 714	**9,06** **7,48** **6,21**	12807 12790 12658	0,9 1,0 1,2	**KR473-3E180M/4C** **KR473-2E180M/4B**	34,50 34,50	279 279	142	IE3 IE2
22 30	9,8 11	19971 17828	**151,03** **134,57**	73906 78422	1,0 1,1	**KR974-3E180L/4D** **KR974-2E180L/4C**	42,50 42,50	1257 1237	206	IE3 IE2
	11 13 14 16 18 21 23 27 31 34 47	17580 15837 14012 12275 10866 9700 8719 7436 6564 5830 4314	**130,38** **117,32** **103,87** **90,85** **80,31** **71,60** **64,28** **54,80** **48,31** **42,86** **31,63**	78801 82203 85289 87970 89989 91565 92904 94720 95768 96672 100450	1,1 1,3 1,4 1,6 1,8 2,1 2,3 2,7 3,0 3,4 4,0	**KR973-3E180L/4D** **KR972-2E180L/4C**	42,50 42,50	1235 1225	202	IE3 IE2
	12 14	16483 14410	**81,06** **70,76**	70303 81609	0,9 1,0	**KR873-3E200L/6D** **KR873-2E200L/6C**	42,50 43,00	827 827	190	IE3 IE2
	14 16 18 21 24 27 30 34 39 43	13920 12527 10936 9561 8447 7524 6748 5864 5163 4664	**103,24** **92,80** **81,06** **70,76** **62,42** **55,53** **49,75** **43,22** **38,00** **34,28**	83967 90131 96365 101165 104716 107357 109595 112553 110238 107854	1,1 1,2 1,4 1,6 1,8 2,0 2,2 2,5 2,8 3,0	**KR873-3E180L/4D** **KR873-2E180L/4C**	42,50 42,50	844 844	190	IE3 IE2
	22 25 29 33 36 38 44 50 56 63 70	8943 7833 6915 6142 5482 5282 4582 3993 3609 3206 2862	**66,32** **58,00** **51,13** **45,36** **40,44** **39,00** **33,78** **29,40** **26,52** **23,52** **20,97**	48734 55713 60547 62321 61862 61681 60823 59804 58950 57873 56770	0,9 1,0 1,2 1,3 1,5 1,5 1,7 2,0 2,2 2,5 2,8	**KR773-3E180L/4D** **KR773-2E180L/4C**	42,50 42,50	578 578	178	IE3 IE2

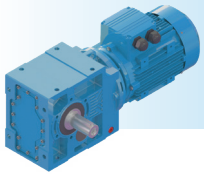
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

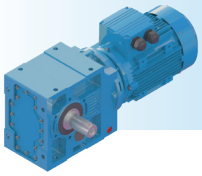
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
22 30	73 84 97	2757 2392 2085	**20,23** **17,52** **15,25**	56409 54934 53450	2,9 3,2 3,5	**KR773-3E180L/4D** **KR773-2E180L/4C**	42,50 42,50	578 578	178	IE3 IE2
	45 52 60 69 79 89 102 118 136 156 178	4429 3815 3316 2903 2556 2259 1970 1697 1475 1291 1137	**32,68** **28,10** **24,38** **21,32** **18,74** **16,54** **14,49** **12,46** **10,81** **9,45** **8,31**	27119 32647 36295 38906 40876 42403 48904 47633 46378 45147 43941	1,0 1,1 1,3 1,5 1,7 1,9 1,5 1,7 1,8 2,0 2,2	**KR673-3E180L/4D** **KR673-2E180L/4C**	42,50 42,50	439 439	166	IE3 IE2
	93 109 127 131 156 183 213	2160 1842 1580 1525 1291 1101 944	**15,88** **13,53** **11,58** **11,22** **9,48** **8,07** **6,91**	29574 29225 28755 27898 27371 26769 26117	0,9 1,0 1,1 1,0 1,1 1,2 1,3	**KR573-3E180L/4D** **KR573-2E180L/4C**	42,50 42,50	361 361	154	IE3 IE2
	197 237	1021 849	**7,48** **6,21**	11869 11893	0,8 1,0	**KR473-3E180L/4D** **KR473-2E180L/4C**	42,50 42,50	319 319	142	IE3 IE2
30 40	14	19734	**71,60**	74360	1,0	**KR973-3E225S/6C** **KR973-2E225S/6B**	57,60 57,60	1378 1353	202	IE3 IE2
	14 16 18 21 23 27 31 34 39 47 53	19108 16740 14819 13229 11891 10140 8952 7951 7098 5883 5194	**103,87** **90,85** **80,31** **71,60** **64,28** **54,80** **48,31** **42,86** **38,21** **31,63** **27,88**	75727 80436 83854 86448 88571 91289 92916 94262 95385 96858 97679	1,0 1,2 1,3 1,5 1,7 2,0 2,2 2,5 2,7 3,3 3,7	**KR973-3E200L/4D** **KR973-2E200L/4C**	54,50 55,50	1306 1281	202	IE3 IE2
	18 21 24 27 30 34 39 43 49 61	14913 13039 11519 10261 9203 7997 7041 6361 5550 4516	**81,06** **70,76** **62,42** **55,53** **49,75** **43,22** **38,00** **34,28** **29,88** **24,28**	79086 87943 94173 98787 102239 106655 105031 103156 100537 96417	1,0 1,2 1,3 1,5 1,6 1,8 2,0 2,2 2,4 3,1	**KR873-3E200L/4D** **KR873-2E200L/4C**	54,50 55,50	868 855	190	IE3 IE2
	33 36 38 44 50 56	8376 7477 7204 6249 5446 4922	**45,36** **40,44** **39,00** **33,78** **29,40** **26,52**	52467 54688 54764 54831 54590 54247	1,0 1,1 1,1 1,3 1,5 1,6	**KR773-3E200L/4D** **KR773-2E200L/4C**	54,50 55,50	601 588	178	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
30 40	63 70 73 84 97 114 129 145 150 173 199	4372 3903 3760 3262 2843 2398 2130 1902 1832 1590 1385	**23,52** **20,97** **20,23** **17,52** **15,25** **12,89** **11,44** **10,20** **9,83** **8,52** **7,41**	53701 53050 52822 51826 50746 47780 46879 45962 45662 44444 43223	1,8 2,0 2,1 2,3 2,6 1,9 2,1 2,2 2,3 2,5 2,8	**KR773-3E200L/4D** **KR773-2E200L/4C**	54,50 55,50	601 588	178	IE3 IE2
	60 69 79 89 102 118 136 156 178	4522 3959 3485 3081 2687 2314 2012 1761 1551	**24,38** **21,32** **18,74** **16,54** **14,49** **12,46** **10,81** **9,45** **8,31**	26181 31466 35118 37819 45501 44708 43839 42927 41990	1,0 1,1 1,2 1,4 1,1 1,2 1,3 1,5 1,6	**KR673-3E200L/4D** **KR673-2E200L/4C**	54,50 55,50	460 447	166	IE3 IE2
37 50	18 20	18616 16433	**54,80** **48,31**	76726 81083	1,1 1,2	**KR973-3E250M/6C** **KR973-2E250M/6B**	68,80 69,60	1498 1438	202	IE3 IE2
	21 23 27 31 34 39 47 53 60 67 79 89 101 113 126	16316 14666 12507 11041 9807 8755 7257 6406 5691 5080 4306 3802 3377 3015 2702	**71,60** **64,28** **54,80** **48,31** **42,86** **38,21** **31,63** **27,88** **24,73** **22,05** **18,73** **16,51** **14,65** **13,06** **11,69**	81198 84198 87908 90137 91937 93411 95336 96509 97284 97963 103765 104464 101735 98859 96118	1,2 1,4 1,6 1,8 2,0 2,2 2,7 3,0 3,4 3,8 2,9 3,2 3,5 3,8 4,0	**KR973-3E225S/4C** **KR973-2E225S/4B**	65,70 66,00	1368 1343	202	IE3 IE2
	27 30 34 39 43 49 61 69 77 88 106 120 133	12656 11351 9864 8685 7845 6846 5570 4904 4430 3866 3203 2820 2547	**55,53** **49,75** **43,22** **38,00** **34,28** **29,88** **24,28** **21,34** **19,26** **16,78** **13,93** **12,25** **11,05**	89463 94671 100882 100472 99043 96954 93506 91240 89380 86841 82152 79871 78039	1,2 1,3 1,5 1,6 1,8 1,9 2,5 2,8 3,0 3,3 2,7 3,0 3,2	**KR873-3E225S/4C** **KR873-2E225S/4B**	65,70 66,00	970 954	190	IE3 IE2
	44 50 56 63 70	7708 6717 6071 5393 4814	**33,78** **29,40** **26,52** **23,52** **20,97**	49588 50027 50131 50050 49795	1,0 1,2 1,3 1,5 1,7	**KR773-3E225S/4C** **KR773-2E225S/4B**	65,70 66,00	693 677	178	IE3 IE2

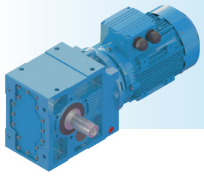
*: Geared motor prices are different for IE2 and IE3 motors.



KR / KN / KV - PERFORMANCE TABLES

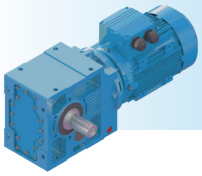
Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
37 50	73 84 97 114 129 145 150 173 199	4638 4024 3507 2958 2628 2346 2260 1961 1709	**20,23** **17,52** **15,25** **12,89** **11,44** **10,20** **9,83** **8,52** **7,41**	49683 49108 48380 45420 44785 44095 43862 42884 41866	1,7 1,9 2,1 1,5 1,7 1,8 1,9 2,1 2,3	**KR773-3E225S/4C** **KR773-2E225S/4B**	65,70 66,00	693 677	178	IE3 IE2
	79 89 156 178	4299 3800 2173 1913	**18,74** **16,54** **9,45** **8,31**	28379 32786 40986 40283	1,0 1,1 1,2 1,3	**KR673-3E225S/4C** **KR673-2E225S/4B**	65,70 66,00	552 536	166	IE3 IE2
45 60	20	19927	**48,31**	74032	1,0	**KR973-3G280S/6** **KR973-2G280S/6**	88,00 92,00	1600 1550	202	IE3 IE2
	21 23 27 31 34 39 47 53 60 67 79 89 101 113 126	19845 17839 15212 13429 11929 10648 8826 7792 6922 6179 5238 4624 4108 3667 3286	**71,60** **64,28** **54,80** **48,31** **42,86** **38,21** **31,63** **27,88** **24,73** **22,05** **18,73** **16,51** **14,65** **13,06** **11,69**	74107 78554 83548 86601 89011 90945 93467 94911 95939 96816 103184 102912 100091 97395 94808	1,0 1,1 1,3 1,5 1,6 1,8 2,2 2,5 2,8 3,1 2,4 2,7 2,9 3,2 3,4	**KR973-3E225M/4D** **KR973-2E225M/4C**	80,00 80,00	1400 1360	202	IE3 IE2
	27 30 34 39 43 49 61 69 77 88 106 120 133 153	15394 13806 11997 10563 9542 8327 6775 5965 5389 4702 3895 3430 3099 2704	**55,53** **49,75** **43,22** **38,00** **34,28** **29,88** **24,28** **21,34** **19,26** **16,78** **13,93** **12,25** **11,05** **9,63**	76594 84676 93288 95261 94342 92857 90179 88315 86741 84541 79985 77966 76320 74086	1,0 1,1 1,2 1,3 1,4 1,6 2,1 2,3 2,4 2,7 2,2 2,4 2,6 2,9	**KR873-3E225M/4D** **KR873-2E225M/4C**	80,00 80,00	1002 1002	190	IE3 IE2
	50 56 63 70 73 84 97 114 129 145 150 173	8170 7384 6559 5855 5642 4894 4265 3598 3196 2853 2749 2385	**29,40** **26,52** **23,52** **20,97** **20,23** **17,52** **15,25** **12,89** **11,44** **10,20** **9,83** **8,52**	44812 45428 45877 46075 46095 46000 45676 42722 42392 41961 41805 41102	1,0 1,1 1,2 1,4 1,4 1,5 1,7 1,3 1,4 1,5 1,5 1,7	**KR773-3E225M/4D** **KR773-2E225M/4C**	80,00 80,00	728 728	178	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.



Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
45 60	199	2079	**7,41**	40315	1,9	**KR773-3E225M/4D** **KR773-2E225M/4C**	80,00 80,00	728 728	178	IE3 IE2
	156 178	2643 2327	**9,45** **8,31**	38766 38332	1,0 1,1	**KR673-3E225M/4D** **KR673-2E225M/4C**	80,00 80,00	587 587	166	IE3 IE2
55 75	27 31 35 39 47 53 60 67 79 90 101 113 127	18530 16358 14530 12971 10752 9492 8431 7526 6381 5633 5004 4467 4003	**54,80** **48,31** **42,86** **38,21** **31,63** **27,88** **24,73** **22,05** **18,73** **16,51** **14,65** **13,06** **11,69**	77344 81668 84989 87602 90971 92810 94179 95219 102370 100587 98030 95560 93167	1,1 1,2 1,3 1,5 1,8 2,0 2,3 2,5 2,0 2,2 2,4 2,6 2,8	**KR973-3E250M/4D** **KR973-2E250M/4C**	95,30 95,50	1480 1420	202	IE3 IE2
	34 39 43 50 61 69 77 88 106 121 134 154	14614 12867 11624 10143 8252 7266 6564 5728 4745 4178 3775 3294	**43,22** **38,00** **34,28** **29,88** **24,28** **21,34** **19,26** **16,78** **13,93** **12,25** **11,05** **9,63**	81836 88743 88461 87734 86018 84657 83440 81666 77275 75584 74170 72213	1,0 1,1 1,2 1,3 1,7 1,9 2,0 2,2 1,8 2,0 2,1 2,4	**KR873-3E250M/4D** **KR873-2E250M/4C**	95,30 95,50	1093 1093	190	IE3 IE2
	63 71 73 84 97 115 129 145 151 174 200	7990 7133 6872 5962 5196 4383 3894 3476 3349 2906 2532	**23,52** **20,97** **20,23** **17,52** **15,25** **12,89** **11,44** **10,20** **9,83** **8,52** **7,41**	40661 41424 41611 42116 42296 39350 39400 39294 39232 38874 38376	1,0 1,1 1,1 1,3 1,4 1,0 1,1 1,2 1,3 1,4 1,5	**KR773-3E250M/4D** **KR773-2E250M/4C**	95,30 95,50	818 818	178	IE3 IE2
75 97	35 39 47 53 60 67 79 90 101 114 127	19749 17629 14613 12901 11460 10230 8673 7657 6801 6071 5441	**42,86** **38,21** **31,63** **27,88** **24,73** **22,05** **18,73** **16,51** **14,65** **13,06** **11,69**	75105 79655 85282 88072 90248 92036 97926 95915 93892 91875 89873	1,0 1,1 1,3 1,5 1,7 1,9 1,5 1,6 1,8 1,9 2,1	**KR973-3G280S/4** **KR973-2G280S/4**	133,00 133,00	1615 1585	202	IE3 IE2

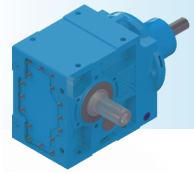
*: Geared motor prices are different for IE2 and IE3 motors.



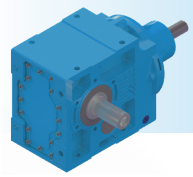
KR / KN / KV - PERFORMANCE TABLES

Power P_g [kW] P_g [HP]	IE3 Output Speeds n_2 [r.p.m]	IE3 Output Torque M_2 [Nm]	Ratio i	IE3 Radial Loads (Output) F_{qam} [N]	IE3 Service Factors f_s	Type	Rated Current [A]	Weight ~ [kg]	Dim. Page	* Motor Eff. Class
75 97	50 61 70 77 88 107 121 134 154	13786 11216 9876 8922 7785 6450 5679 5130 4477	**29,88** **24,28** **21,34** **19,26** **16,78** **13,93** **12,25** **11,05** **9,63**	77481 77690 77337 76837 75912 71851 70816 69869 68466	1,0 1,3 1,4 1,5 1,6 1,3 1,5 1,6 1,8	**KR873-3G280S/4** **KR873-2G280S/4**	133,00 133,00	1280 1280	190	IE3 IE2
90 117	47 53 60 67 79 90 101 114 127	17536 15481 13752 12276 10408 9188 8162 7286 6530	**31,63** **27,88** **24,73** **22,05** **18,73** **16,51** **14,65** **13,06** **11,69**	80119 83948 86873 89224 93920 92391 90773 89099 87392	1,1 1,2 1,4 1,6 1,2 1,3 1,5 1,6 1,7	**KR973-3G280M/4** **KR973-2G280M/4**	158,00 158,00	1675 1625	202	IE3 IE2
	61 70 77 88 107 121 134 154	13460 11852 10707 9343 7740 6815 6157 5373	**24,28** **21,34** **19,26** **16,78** **13,93** **12,25** **11,05** **9,63**	71440 71843 71881 71594 67780 67238 66642 65653	1,0 1,1 1,2 1,3 1,1 1,2 1,3 1,5	**KR873-3G280M/4** **KR873-2G280M/4**	158,00 158,00	1350 1350	190	IE3 IE2
110 148	53 60 67 79 90 102 114 127	18897 16786 14985 12704 11216 9963 8894 7970	**27,88** **24,73** **22,05** **18,73** **16,51** **14,65** **13,06** **11,69**	77626 81717 85041 88546 87668 86593 85380 84069	1,0 1,1 1,3 1,0 1,1 1,2 1,3 1,4	**KR973-3G315S/4** **KR973-2G315S/4**	194,00 195,00	1870 1800	202	IE3 IE2
132 177	60 67 102 114 127	20144 17982 11956 10673 9565	**24,73** **22,05** **14,65** **13,06** **11,69**	75130 79729 81968 81267 80396	1,0 1,1 1,0 1,1 1,2	**KR973-3G315M/4a** **KR973-2G315M/4a**	230,00 230,00	1890 1820	202	IE3 IE2
160 215	127	11587	**11,69**	75692	1,0	**KR973-3G315M/4b** **KR973-2G315M/4b**	280,00 275,00	1940 1900	202	IE3 IE2

*: Geared motor prices are different for IE2 and IE3 motors.

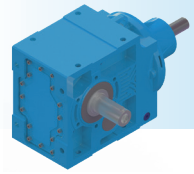


Nominal Torques	Ratio	Output Speeds	Type	P_e= Nominal Power [kW] (For Service Factor f_s=1,0)						Radial Loads (Output)	Radial Loads (Input)	Weight	Dim. Page
				Input speed[rpm]									
M_a [Nm] (n_1=1450rpm)	i	n_2 [rpm] (n_1=1450rpm)		n_1=2900	**n_1=1450**	n_1=950	n_1=725	n_1=475	n_1=360	F_{qam} [N] (n_1=1450rpm)	F_{qem} [N] (n_1=1450rpm)	[kg]	
65	7,46	194	**KT002**	2,3	**1,4**	1,1	0,86	0,56	0,43	2664	40	14	446
65	8,04	180		2,2	**1,3**	0,98	0,80	0,52	0,40	2748	91		
70	9,40	154		1,9	**1,2**	0,90	0,69	0,45	0,34	2879	48		
75	11,09	131		1,7	**1,1**	0,76	0,58	0,38	0,29	3031	-		
75	13,26	109		1,5	**0,91**	0,64	0,49	0,32	0,24	3265	96		
75	14,73	98		1,3	**0,82**	0,58	0,44	0,29	0,22	3408	195		
75	16,18	90		1,2	**0,75**	0,52	0,40	0,26	0,20	3540	211		
80	19,88	73		1,1	**0,65**	0,43	0,33	0,21	0,16	3794	161		
80	23,79	61	**KT003**	0,96	**0,55**	0,36	0,28	0,18	0,14	3153	764	15	446
80	25,64	57		0,89	**0,51**	0,34	0,26	0,17	0,13	3269	770		
80	29,95	48		0,82	**0,44**	0,29	0,22	0,15	0,11	3518	781		
80	35,34	41		0,70	**0,38**	0,25	0,19	0,12	0,09	3799	791		
80	45,41	32		0,58	**0,29**	0,19	0,15	0,10	0,07	4042	869		
80	48,93	30		0,54	**0,27**	0,18	0,14	0,09	0,07	4046	872		
80	57,16	25		0,47	**0,24**	0,15	0,12	0,08	0,06	4046	878		
80	67,44	22		0,40	**0,20**	0,13	0,10	0,07	0,05	4048	883		
80	80,66	18		0,34	**0,17**	0,11	0,09	0,06	0,04	4046	887		
80	89,62	16		0,31	**0,15**	0,10	0,08	0,05	0,04	4046	893		
80	98,44	15		0,28	**0,14**	0,09	0,07	0,05	0,04	4040	894		
80	120,91	12		0,23	**0,12**	0,08	0,06	0,04	0,03	4049	896		
90	6,28	231	**KT102**	3,5	**2,3**	1,7	1,8	1,2	0,89	2785	-	15	450
90	7,29	199		3,3	**2,0**	1,5	1,5	1,0	0,77	2971	-		
95	8,72	166		2,9	**1,7**	1,3	1,3	0,85	0,64	3160	-		
100	10,32	140		2,5	**1,5**	1,2	1,1	0,71	0,54	3347	-		
100	11,05	131		2,5	**1,4**	1,1	1,0	0,67	0,51	3446	-		
105	12,51	116		2,2	**1,3**	1,0	0,90	0,59	0,45	3585	-		
110	14,61	99		2,0	**1,2**	0,94	0,77	0,51	0,38	3780	-		
110	17,30	84		1,7	**1,0**	0,79	0,65	0,43	0,33	4062	-		
110	19,13	76		1,5	**0,93**	0,72	0,59	0,39	0,29	4236	-		
115	21,25	68		1,4	**0,87**	0,65	0,53	0,35	0,27	4377	-		
120	25,50	57		1,3	**0,76**	0,58	0,45	0,29	0,22	4672	-		
115	20,03	72	**KT103**	1,5	**0,93**	0,70	0,55	0,38	0,29	4176	704	16	450
120	23,22	62		1,3	**0,84**	0,62	0,50	0,33	0,25	4397	710		
125	27,81	52		1,2	**0,74**	0,54	0,41	0,27	0,21	4696	722		
130	32,90	44		1,0	**0,65**	0,46	0,35	0,23	0,18	4992	725		
135	35,22	41		1,0	**0,63**	0,43	0,33	0,22	0,16	5084	721		
135	38,22	38		0,94	**0,58**	0,40	0,30	0,20	0,15	5266	812		
140	44,32	33		0,85	**0,52**	0,34	0,26	0,17	0,13	5553	816		
140	53,07	27		0,74	**0,44**	0,29	0,22	0,14	0,11	5825	830		
140	62,79	23		0,66	**0,37**	0,24	0,19	0,12	0,09	5827	838		
140	67,22	22		0,64	**0,35**	0,23	0,17	0,11	0,09	5823	841		
140	76,13	19		0,59	**0,31**	0,20	0,15	0,10	0,08	5827	844		
140	88,87	16		0,53	**0,26**	0,17	0,13	0,09	0,07	5831	849		
140	105,26	14		0,45	**0,23**	0,15	0,11	0,07	0,06	5826	854		
140	116,34	12		0,41	**0,20**	0,13	0,10	0,07	0,05	5826	862		
140	129,27	11		0,37	**0,18**	0,12	0,09	0,06	0,05	5826	864		
205	6,38	227	**KT202**	8,1	**5,1**	3,8	3,1	2,3	1,7	2306	-	19	454
215	7,65	190		7,2	**4,5**	3,3	2,7	1,9	1,5	2473	-		
230	9,25	157		6,3	**4,0**	2,9	2,4	1,6	1,2	2627	-		
235	10,57	137		5,7	**3,5**	2,7	2,1	1,4	1,1	2792	128		
245	12,17	119		5,2	**3,2**	2,4	1,8	1,2	0,92	2937	130		
255	14,32	101		4,5	**2,8**	2,0	1,6	1,0	0,78	3131	140		
260	15,26	95		4,4	**2,7**	1,9	1,5	0,96	0,73	3203	121		
270	17,47	83		3,9	**2,5**	1,7	1,3	0,84	0,64	3367	86		
280	20,23	72		3,5	**2,2**	1,5	1,1	0,73	0,55	3566	51		
280	23,79	61		3,2	**1,9**	1,2	0,95	0,62	0,47	3893	189		

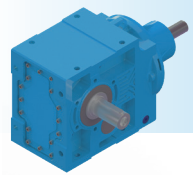


KT - PERFORMANCE TABLES

Nominal Torques	Ratio	Output Speeds	Type	P_e= Nominal Power [kW] (For Service Factor f_s=1,0)						Radial Loads (Output)	Radial Loads (Input)	Weight	Dim. Page
				Input speed[rpm]									
M_a [Nm] (n_1=1450rpm)	i	n_2 [rpm] (n_1=1450rpm)		n_1=2900	**n_1=1450**	n_1=950	n_1=725	n_1=475	n_1=360	F_{oam} [N] (n_1=1450rpm)	F_{oem} [N] (n_1=1450rpm)	[kg]	
265	26,31	55	**KT203**	2,6	**1,6**	1,1	0,87	0,57	0,43	3916	1713	20	454
280	31,55	46		2,3	**1,4**	0,95	0,72	0,48	0,36	4177	1721		
280	38,16	38		2,0	**1,2**	0,79	0,60	0,39	0,30	4644	1746		
280	43,67	33		1,8	**1,0**	0,69	0,52	0,34	0,26	4993	1841		
280	52,37	28		1,6	**0,87**	0,57	0,44	0,29	0,22	5483	1858		
280	63,33	23		1,4	**0,72**	0,48	0,36	0,24	0,18	6027	1873		
280	72,37	20		1,3	**0,64**	0,42	0,32	0,21	0,16	6428	1882		
280	83,32	17		1,1	**0,55**	0,36	0,28	0,18	0,14	6870	1890		
280	98,01	15		0,94	**0,47**	0,31	0,24	0,16	0,12	7403	1898		
280	104,49	14		0,88	**0,44**	0,29	0,22	0,15	0,11	7506	1901		
280	119,62	12		0,77	**0,39**	0,26	0,20	0,13	0,10	7497	1906		
280	138,53	10		0,67	**0,34**	0,22	0,17	0,11	0,08	7500	1911		
220	6,94	209	**KT273**	8,9	**5,1**	3,4	3,14	2,14	1,91	10742	-	25	458
230	8,28	175		7,8	**4,5**	2,9	2,73	1,92	1,70	11343	-		
240	9,92	146		6,8	**3,9**	2,6	2,36	1,65	1,45	12003	35		
250	12,00	121		5,9	**3,4**	2,2	2,09	1,46	1,27	12743	159		
350	13,34	109		7,3	**4,2**	2,8	2,54	1,75	1,35	12701	534		
370	15,92	91		6,3	**3,8**	2,5	2,23	1,50	1,13	12587	631		
390	19,08	76		5,6	**3,3**	2,2	1,90	1,25	0,95	12465	715		
410	23,08	63		4,9	**2,9**	1,9	1,57	1,03	0,78	12335	788		
430	25,55	57		4,6	**2,7**	1,8	1,42	0,93	0,71	12198	1277		
450	30,48	48		4,0	**2,4**	1,6	1,19	0,78	0,59	12000	1298		
450	36,55	40		3,5	**2,0**	1,3	0,99	0,65	0,49	12000	1339		
450	44,20	33		3,1	**1,6**	1,1	0,82	0,54	0,41	12000	1373		
450	50,51	29		2,8	**1,4**	0,9	0,72	0,47	0,36	12000	1394		
450	58,15	25		2,5	**1,2**	0,8	0,62	0,41	0,31	12000	1413		
450	68,40	21		2,1	**1,1**	0,7	0,53	0,35	0,26	12000	1431		
450	72,92	20		2,0	**1,0**	0,7	0,50	0,33	0,27	12000	1437		
450	83,48	17		1,7	**0,87**	0,6	0,44	0,29	0,24	12000	1450		
450	96,68	15		1,5	**0,75**	0,5	0,38	0,27	0,21	12000	1461		
450	113,65	13		1,3	**0,64**	0,4	0,32	0,23	0,18	12000	1472		
450	112,73	13	**KT275**	1,4	**0,68**	0,44	0,34	0,25	0,19	12000	613	28	462
450	131,68	11		1,2	**0,58**	0,38	0,29	0,21	0,16	12000	627		
450	200,35	7,2		0,77	**0,38**	0,25	0,21	0,14	0,11	12000	732		
450	215,91	6,7		0,71	**0,36**	0,26	0,20	0,13	0,10	12000	736		
450	252,20	5,7		0,61	**0,31**	0,22	0,17	0,11	0,08	12000	743		
450	300,85	4,8		0,51	**0,26**	0,19	0,14	0,09	0,07	12000	763		
450	360,73	4,0		0,48	**0,24**	0,17	0,13	0,09	0,07	12000	781		
450	436,24	3,3		0,39	**0,20**	0,14	0,11	0,07	0,05	12000	796		
450	498,55	2,9		0,35	**0,17**	0,13	0,10	0,06	0,05	12000	805		
450	573,99	2,5		0,30	**0,15**	0,11	0,08	0,05	0,04	12000	814		
450	675,13	2,1		0,26	**0,13**	0,09	0,07	0,05	0,04	12000	822		
450	719,79	2,0		0,27	**0,12**	0,09	0,07	0,04	0,03	12000	825		
450	735,42	2,0	**KT276**	0,27	**0,12**	0,09	0,07	0,04	0,03	12000	826	30	462
450	881,79	1,6		0,22	**0,10**	0,07	0,06	0,04	0,03	12000	833		
450	1066,35	1,4		0,18	**0,08**	0,06	0,05	0,03	0,02	12000	840		
450	1218,69	1,2		0,16	**0,07**	0,05	0,04	0,03	0,02	12000	843		
450	1403,10	1,0		0,14	**0,06**	0,05	0,03	0,02	0,02	12000	847		
450	1650,31	0,88		0,12	**0,05**	0,04	0,03	0,02	0,01	12000	850		
450	1759,48	0,82		0,11	**0,05**	0,04	0,03	0,02	0,01	12000	851		
325	4,92	285	**KT283**	16,81	**10,3**	7,54	6,63	4,64	3,89	12000	-	30	466
335	5,74	253		15,19	**9,43**	7,10	5,70	4,38	3,56	12076	-		
340	6,70	217		13,51	**8,20**	6,16	5,01	3,79	3,11	12728	-		
350	7,40	196		12,23	**7,64**	5,72	4,58	3,50	2,87	13118	-		
360	8,63	168		10,85	**6,73**	5,02	4,07	3,09	2,53	13789	-		
370	10,16	143		9,54	**5,88**	4,43	3,54	2,71	2,23	14537	-		
550	10,37	140		13,87	**8,57**	6,12	4,67	3,06	2,32	14048	-		
575	12,10	120		12,41	**7,67**	5,25	4,00	2,62	1,99	14723	-		
600	14,12	103		11,21	**6,86**	4,50	3,43	2,25	1,70	15432	-		

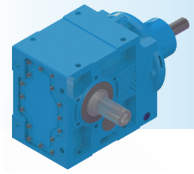


Nominal Torques	Ratio	Output Speeds	Type	P_e= Nominal Power [kW] (For Service Factor f_s=1,0)						Radial Loads (Output)	Radial Loads (Input)	Weight	Dim. Page
				Input speed[rpm]									
M_a [Nm] (n_1=1450rpm)	i	n_2 [rpm] (n_1=1450rpm)		n_1=2900	**n_1=1450**	n_1=950	n_1=725	n_1=475	n_1=360	F_{qam} [N] (n_1=1450rpm)	F_{qem} [N] (n_1=1450rpm)	[kg]	
600	15,60	93	**KT283**	10,46	**6,21**	4,07	3,11	2,04	1,54	15750	53	30	466
600	18,21	80		9,32	**5,32**	3,49	2,66	1,74	1,32	15750	333		
600	21,42	68		8,37	**4,53**	2,96	2,26	1,48	1,12	15750	583		
600	23,76	61		6,87	**4,08**	2,67	2,04	1,34	1,01	15750	1595		
600	27,74	52		6,17	**3,79**	2,29	1,75	1,14	0,87	15750	1641		
600	32,35	45		5,54	**3,00**	1,96	1,50	0,98	0,74	15750	1686		
600	35,75	41		5,15	**2,71**	1,78	1,36	0,89	0,67	15750	1708		
600	41,72	35		4,57	**2,32**	1,52	1,16	0,76	0,58	15750	1739		
600	49,08	30		3,95	**1,97**	1,29	0,99	0,65	0,49	15750	1766		
600	58,35	25		3,32	**1,66**	1,09	0,83	0,54	0,41	15750	1790		
600	66,00	22		2,94	**1,47**	0,96	0,73	0,48	0,36	15750	1805		
600	75,26	19		2,58	**1,29**	0,84	0,64	0,42	0,32	15750	1818		
600	93,50	16		2,07	**1,04**	0,68	0,52	0,34	0,26	15750	1838		
600	106,33	14		1,82	**0,91**	0,60	0,46	0,30	0,25	15750	1847		
600	122,38	12		1,58	**0,79**	0,52	0,40	0,26	0,22	15750	1856		
600	143,00	10		1,36	**0,68**	0,44	0,34	0,25	0,19	15750	1864		
600	122,22	12	**KT284**	1,64	**0,82**	0,54	0,41	0,27	0,23	15750	1373	40	470
600	135,06	11		1,48	**0,74**	0,49	0,37	0,27	0,20	15750	1414		
600	157,62	9,2		1,27	**0,64**	0,42	0,32	0,23	0,18	15750	1469		
600	185,40	7,8		1,08	**0,54**	0,35	0,27	0,20	0,15	15750	1519		
600	220,43	6,6		0,91	**0,46**	0,30	0,25	0,17	0,13	15750	1564		
600	249,33	5,8		0,81	**0,40**	0,26	0,22	0,15	0,11	15750	1591		
600	284,33	5,1		0,71	**0,35**	0,26	0,20	0,13	0,10	15750	1617		
600	353,22	4,1		0,57	**0,28**	0,21	0,16	0,10	0,08	15750	1653		
600	300,42	4,8	**KT285**	0,68	**0,34**	0,25	0,19	0,12	0,09	15750	1018	45	474
600	359,71	4,0		0,57	**0,29**	0,21	0,16	0,10	0,08	15750	1029		
600	425,60	3,4		0,54	**0,27**	0,20	0,15	0,10	0,07	15750	1035		
600	455,64	3,2		0,50	**0,25**	0,18	0,14	0,09	0,07	15750	1037		
600	516,00	2,8		0,44	**0,22**	0,16	0,12	0,08	0,06	15750	1040		
600	570,18	2,5		0,40	**0,20**	0,15	0,11	0,07	0,06	15750	1049		
600	665,46	2,2		0,35	**0,17**	0,13	0,10	0,06	0,05	15750	1063		
600	782,73	1,9		0,29	**0,15**	0,11	0,08	0,05	0,04	15750	1075		
600	930,59	1,6		0,27	**0,12**	0,09	0,07	0,05	0,03	15750	1086		
600	1052,64	1,4		0,24	**0,11**	0,08	0,06	0,04	0,03	15750	1092		
600	820,35	1,8	**KT286**	0,28	**0,14**	0,10	0,08	0,05	0,04	15750	1101	45	474
600	951,33	1,5		0,27	**0,12**	0,09	0,07	0,04	0,03	15750	1104		
600	1139,09	1,3		0,23	**0,10**	0,08	0,06	0,04	0,03	15750	1107		
600	1347,72	1,1		0,19	**0,09**	0,06	0,05	0,03	0,02	15750	1109		
600	1442,85	1,0		0,18	**0,08**	0,06	0,05	0,03	0,02	15750	1110		
600	1634,00	0,89		0,16	**0,07**	0,05	0,04	0,03	0,02	15750	1111		
600	1805,57	0,80		0,15	**0,07**	0,05	0,04	0,02	0,02	15750	1114		
600	2107,29	0,69		0,12	**0,06**	0,04	0,03	0,02	0,02	15750	1118		
600	2478,65	0,58		0,11	**0,05**	0,03	0,03	0,02	0,01	15750	1122		
600	2946,88	0,49		0,09	**0,04**	0,03	0,02	0,01	0,01	15750	1125		
600	3333,36	0,43		0,08	**0,04**	0,03	0,02	0,01	0,01	15750	1127		
580	5,68	255	**KT373**	27	**17**	12	10	7,6	5,8	10852	-	60	478
595	6,63	219		23	**15**	11	8,8	6,5	5,0	11453	-		
610	7,73	188		21	**13**	9,7	7,8	5,6	4,3	12082	-		
630	8,54	170		19	**12**	8,9	7,2	5,1	3,9	12440	-		
655	9,97	145		17	**11**	7,9	6,4	4,4	3,3	13063	-		
805	10,60	137		20	**12**	8,2	6,2	4,1	3,1	12341	-		
820	12,38	117		18	**11**	7,0	5,3	3,5	2,7	11800	-		
820	14,44	100		16	**9,2**	6,0	4,6	3,0	2,3	11800	-		
820	15,96	91		15	**8,3**	5,4	4,2	2,7	2,1	11800	-		
820	18,62	78		13	**7,1**	4,7	3,6	2,3	1,8	11800	-		
820	21,90	66		12	**6,0**	4,0	3,0	2,0	1,5	11800	-		
820	24,72	59		11	**5,4**	3,5	2,7	1,8	1,3	11800	1429		
820	28,85	50		9,2	**4,6**	3,0	2,3	1,5	1,1	11800	1490		
820	33,65	43		7,9	**3,9**	2,6	2,0	1,3	0,98	11800	1549		

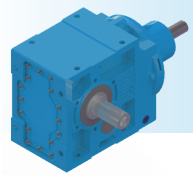


KT - PERFORMANCE TABLES

Nominal Torques	Ratio	Output Speeds	Type	P_e= Nominal Power [kW] (For Service Factor f_s=1,0)						Radial Loads (Output)	Radial Loads (Input)	Weight	Dim. Page
				Input speed[rpm]									
M_a [Nm] (n_1=1450rpm)	i	n_2 [rpm] (n_1=1450rpm)		n_1=2900	**n_1=1450**	n_1=950	n_1=725	n_1=475	n_1=360	F_{qam} [N] (n_1=1450rpm)	F_{qem} [N] (n_1=1450rpm)	[kg]	
820	37,19	39	**KT373**	7,1	**3,6**	2,3	1,8	1,2	0,88	11800	1579	60	478
820	43,40	33		6,1	**3,1**	2,0	1,5	1,0	0,76	11800	1619		
820	51,05	28		5,2	**2,6**	1,7	1,3	0,85	0,64	11800	1654		
820	60,69	24		4,4	**2,2**	1,4	1,1	0,71	0,54	11800	1686		
820	68,65	21		3,9	**1,9**	1,3	0,96	0,63	0,48	11800	1705		
820	78,29	19		3,4	**1,7**	1,1	0,85	0,55	0,42	11800	1723		
820	97,26	15		2,7	**1,4**	0,89	0,68	0,45	0,34	11800	1749		
820	110,61	13		2,4	**1,2**	0,78	0,60	0,39	0,30	11800	1761		
820	127,30	11		2,1	**1,0**	0,68	0,52	0,34	0,26	11800	1773		
820	148,75	9,7		1,8	**0,89**	0,58	0,45	0,29	0,25	11800	1783		
820	127,14	11	**KT374**	2,1	**1,1**	0,70	0,54	0,35	0,27	11800	1411	61	482
820	140,49	10		1,9	**0,97**	0,64	0,49	0,32	0,27	11800	1450		
820	163,96	8,8		1,7	**0,83**	0,55	0,42	0,27	0,23	11800	1503		
820	192,86	7,5		1,4	**0,71**	0,47	0,36	0,26	0,20	11800	1551		
820	229,29	6,3		1,2	**0,60**	0,39	0,30	0,22	0,16	11800	1594		
820	259,36	5,6		1,1	**0,53**	0,35	0,26	0,19	0,15	11800	1620		
820	295,76	4,9		0,93	**0,46**	0,30	0,26	0,17	0,13	11800	1645		
820	367,43	3,9		0,75	**0,37**	0,27	0,21	0,14	0,10	11800	1679		
820	374,18	3,9	**KT375**	0,75	**0,38**	0,27	0,21	0,14	0,10	11800	1047	62	486
820	442,71	3,3		0,64	**0,32**	0,23	0,18	0,12	0,09	11800	1052		
820	473,96	3,1		0,59	**0,30**	0,22	0,17	0,11	0,08	11800	1055		
820	536,75	2,7		0,53	**0,26**	0,19	0,15	0,10	0,07	11800	1057		
820	593,11	2,4		0,53	**0,26**	0,19	0,15	0,10	0,07	11800	1067		
820	692,22	2,1		0,45	**0,23**	0,17	0,13	0,08	0,06	11800	1079		
820	814,20	1,8		0,39	**0,19**	0,14	0,11	0,07	0,05	11800	1091		
820	968,01	1,5		0,32	**0,16**	0,12	0,09	0,06	0,04	11800	1102		
820	1094,97	1,3		0,29	**0,14**	0,10	0,08	0,05	0,04	11800	1108		
820	1184,90	1,2	**KT376**	0,27	**0,14**	0,10	0,08	0,05	0,04	11800	1122	64	486
820	1401,91	1,0		0,25	**0,11**	0,08	0,06	0,04	0,03	11800	1124		
820	1500,87	0,97		0,24	**0,11**	0,08	0,06	0,04	0,03	11800	1125		
820	1699,70	0,85		0,21	**0,09**	0,07	0,05	0,03	0,03	11800	1125		
820	1878,17	0,77		0,19	**0,09**	0,06	0,05	0,03	0,02	11800	1128		
820	2192,03	0,66		0,16	**0,07**	0,05	0,04	0,03	0,02	11800	1132		
820	2578,32	0,56		0,14	**0,06**	0,05	0,03	0,02	0,02	11800	1136		
820	3065,37	0,47		0,12	**0,05**	0,04	0,03	0,02	0,01	11800	1139		
820	3467,39	0,42		0,10	**0,05**	0,03	0,03	0,02	0,01	11800	1141		
830	6,21	233	**KT473**	35	**22**	16	12	9,9	8,1	12268	-	96	490
865	7,48	194		30	**19**	14	11	8,6	7,0	13041	-		
905	9,06	160		26	**16**	12	9,2	7,4	6,1	13870	-		
935	10,34	140		24	**15**	11	8,4	6,7	5,5	14467	-		
970	11,87	122		21	**13**	9,9	7,5	6,1	5,0	15099	-		
1005	13,71	106		19	**12**	8,9	6,8	5,5	4,5	15811	-		
1370	15,33	95		23	**14**	11	8,2	5,4	4,1	16173	-		
1425	17,49	83		21	**13**	9,4	7,2	4,7	3,6	16829	-		
1485	20,07	72		19	**12**	8,2	6,2	4,1	3,1	17538	-		
1550	23,19	63		18	**11**	7,1	5,4	3,5	2,7	17000	-		
1550	23,76	61		17	**11**	6,9	5,3	3,5	2,6	17000	-		
1550	25,15	58		17	**10**	6,5	5,0	3,3	2,5	17000	-		
1550	30,11	48		15	**8,3**	5,4	4,2	2,7	2,1	17000	-		
1550	39,11	37		12	**6,4**	4,2	3,2	2,1	1,6	17000	1424		
1550	44,64	32		11	**5,6**	3,7	2,8	1,8	1,4	17000	1563		
1550	51,22	28		9,6	**4,9**	3,2	2,4	1,6	1,2	17000	1612		
1550	59,19	24		8,5	**4,2**	2,8	2,1	1,4	1,1	17000	1657		
1550	60,63	24		8,3	**4,1**	2,7	2,1	1,4	1,0	17000	1668		
1550	64,17	23		7,8	**3,9**	2,6	2,0	1,3	0,97	17000	1683		
1550	76,83	19		6,5	**3,3**	2,1	1,6	1,1	0,81	17000	1726		
1550	87,49	17		5,7	**2,9**	1,9	1,4	0,94	0,71	17000	1753		

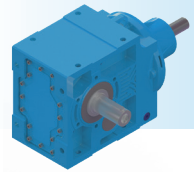


Nominal Torques	Ratio	Output Speeds	Type	P_e= Nominal Power [kW] (For Service Factor f_s=1,0)						Radial Loads (Output)	Radial Loads (Input)	Weight	Dim. Page
				Input speed[rpm]									
M_a [Nm] (n_1=1450rpm)	i	n_2 [rpm] (n_1=1450rpm)		n_1=2900	**n_1=1450**	n_1=950	n_1=725	n_1=475	n_1=360	F_{qam} [N] (n_1=1450rpm)	F_{qem} [N] (n_1=1450rpm)	[kg]	
1550	97,79	15	**KT473**	5,1	**2,6**	1,7	1,3	0,84	0,64	17000	1777	96	490
1550	110,65	13		4,5	**2,3**	1,5	1,1	0,74	0,56	17000	1796		
1550	135,98	11		3,7	**1,8**	1,2	0,92	0,60	0,46	17000	1823		
1550	153,47	9,4		3,3	**1,6**	1,1	0,82	0,53	0,41	17000	1835		
1550	160,79	9,0	**KT474**	3,2	**1,6**	1,0	0,80	0,52	0,40	17000	1870	98	494
1550	181,88	8,0		2,8	**1,4**	0,93	0,71	0,46	0,35	17000	1883		
1550	207,41	7,0		2,5	**1,2**	0,82	0,62	0,41	0,31	17000	1896		
1550	257,67	5,6		2,0	**1,0**	0,66	0,50	0,33	0,28	17000	1914		
1550	293,03	4,9		1,8	**0,88**	0,58	0,44	0,29	0,24	17000	1922		
1550	310,16	4,7		1,7	**0,84**	0,55	0,42	0,27	0,23	17000	1940		
1550	371,35	3,9		1,4	**0,70**	0,46	0,35	0,25	0,19	17000	1988		
1550	422,88	3,4		1,2	**0,61**	0,40	0,31	0,22	0,17	17000	2018		
1550	472,63	3,1		1,1	**0,55**	0,36	0,27	0,20	0,15	17000	2040		
1550	509,34	2,8	**KT475**	1,0	**0,52**	0,34	0,26	0,19	0,14	17000	1721	101	498
1550	610,72	2,4		0,87	**0,43**	0,28	0,24	0,16	0,12	17000	1729		
1550	655,16	2,2		0,81	**0,40**	0,27	0,22	0,15	0,11	17000	1731		
1550	738,55	2,0		0,72	**0,36**	0,26	0,20	0,13	0,10	17000	1735		
1550	844,06	1,7		0,63	**0,32**	0,23	0,18	0,11	0,09	17000	1740		
1550	901,03	1,6		0,59	**0,30**	0,22	0,16	0,11	0,08	17000	1741		
1550	971,77	1,5		0,55	**0,27**	0,20	0,15	0,10	0,08	17000	1743		
1550	1142,99	1,3		0,52	**0,26**	0,19	0,14	0,09	0,07	17000	1747		
1550	1218,61	1,2		0,49	**0,24**	0,18	0,14	0,09	0,07	17000	1748		
1550	1395,04	1,0		0,43	**0,21**	0,16	0,12	0,08	0,06	17000	1751		
1550	1476,60	0,98		0,40	**0,20**	0,15	0,11	0,07	0,06	17000	1755		
1550	1767,90	0,82		0,34	**0,17**	0,12	0,09	0,06	0,05	17000	1766		
1550	2183,54	0,66	**KT476**	0,28	**0,14**	0,10	0,08	0,05	0,04	17000	1792	104	498
1550	2495,47	0,58		0,27	**0,12**	0,09	0,07	0,04	0,03	17000	1794		
1550	2663,91	0,54		0,25	**0,11**	0,08	0,06	0,04	0,03	17000	1794		
1550	2873,07	0,50		0,23	**0,11**	0,08	0,06	0,04	0,03	17000	1795		
1550	3379,28	0,43		0,20	**0,09**	0,07	0,05	0,03	0,02	17000	1796		
1550	3602,83	0,40		0,19	**0,08**	0,06	0,05	0,03	0,02	17000	1797		
1550	4124,46	0,35		0,16	**0,07**	0,05	0,04	0,03	0,02	17000	1797		
1550	4365,60	0,33		0,15	**0,07**	0,05	0,04	0,03	0,02	17000	1799		
1550	5226,85	0,28		0,13	**0,06**	0,04	0,03	0,02	0,02	17000	1803		
1220	6,91	210	**KT573**	-	**29**	21	17	13	10,7	25040	-	138	502
1300	8,07	180		-	**26**	22	16	12	9,5	26129	-		
1380	9,48	153		38	**24**	18	14	11	8,9	27341	-		
1470	11,22	129		35	**21**	16	13	10	8,0	28667	-		
1700	11,58	125		-	**24**	18	14	11	9,0	28654	-		
1820	13,53	107		-	**22**	16	13	10	8,0	29850	-		
1930	15,88	91		32	**20**	15	12	9,0	6,8	31234	-		
2050	18,80	77		29	**18**	13	11	7,6	5,8	32541	-		
2100	20,24	72		28	**17**	13	10	7,1	5,4	31991	-		
2200	22,77	64		26	**16**	12	9,5	6,3	4,8	30822	-		
2300	25,78	56		24	**14**	11	8,5	5,5	4,2	29547	-		
2300	30,25	48		-	**12**	9,2	7,2	4,7	3,6	29547	2775		
2430	35,34	41		-	**11**	8,1	6,2	4,0	3,1	27711	2799		
2500	38,16	38		17	**11**	7,5	5,7	3,7	2,8	26625	2845		
2620	44,73	32		15	**9,5**	6,4	4,9	3,2	2,4	24571	2869		
2700	52,88	27		14	**8,2**	5,4	4,1	2,7	2,0	22500	2909		
2700	59,49	24		13	**7,3**	4,8	3,7	2,4	1,8	22500	2956		
2700	67,37	22		12	**6,5**	4,2	3,2	2,1	1,6	22500	3000		
2700	82,14	18		10	**5,3**	3,5	2,7	1,7	1,3	22500	3058		
2700	97,19	15		9,0	**4,5**	2,9	2,2	1,5	1,1	22500	3099		
2700	109,86	13		7,9	**4,0**	2,6	2,0	1,3	0,99	22500	3125		
2700	125,51	12		6,9	**3,5**	2,3	1,7	1,1	0,86	22500	3149		

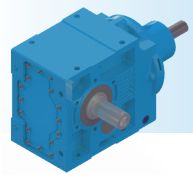


KT - PERFORMANCE TABLES

Nominal Torques	Ratio	Output Speeds	Type	P_e= Nominal Power [kW] (For Service Factor f_s=1,0)						Radial Loads (Output)	Radial Loads (Input)	Weight	Dim. Page
				Input speed[rpm]									
M_2 [Nm] (n_1=1450rpm)	i	n_2 [rpm] (n_1=1450rpm)		n_1=2900	**n_1=1450**	n_1=950	n_1=725	n_1=475	n_1=360	F_{qam} [N] (n_1=1450rpm)	F_{qem} [N] (n_1=1450rpm)	[kg]	
2700	117,96	12	**KT574**	7,6	**3,8**	2,5	1,9	1,2	0,94	22500	1466	140	506
2700	140,24	10		6,4	**3,2**	2,1	1,6	1,0	0,79	22500	1510		
2700	158,64	9,1		5,7	**2,8**	1,9	1,4	0,93	0,70	22500	1536		
2700	180,90	8,0		5,0	**2,5**	1,6	1,2	0,81	0,62	22500	1561		
2700	211,51	6,9		4,3	**2,1**	1,4	1,1	0,70	0,53	22500	1587		
2700	237,97	6,1		3,8	**1,9**	1,2	0,95	0,62	0,47	22500	1659		
2700	246,42	5,9		3,6	**1,8**	1,2	0,91	0,60	0,45	22500	1785		
2700	281,00	5,2		3,2	**1,6**	1,0	0,80	0,52	0,40	22500	1801		
2700	328,56	4,4		2,7	**1,4**	0,90	0,69	0,45	0,34	22500	1817		
2700	397,01	3,7		2,3	**1,1**	0,75	0,57	0,37	0,28	22500	1834		
2700	469,74	3,1		1,9	**0,96**	0,63	0,48	0,32	0,27	22500	1896		
2700	507,09	2,9	**KT575**	1,8	**0,91**	0,60	0,46	0,30	0,25	22500	1483	140	510
2700	570,53	2,5		1,6	**0,81**	0,53	0,41	0,27	0,22	22500	1520		
2700	787,70	1,8		1,2	**0,59**	0,39	0,29	0,21	0,16	22500	1603		
2700	932,00	1,6		1,0	**0,50**	0,33	0,28	0,18	0,14	22500	1637		
2700	1216,74	1,2		0,77	**0,38**	0,25	0,21	0,14	0,11	22500	1680		
2700	1368,95	1,1		0,68	**0,34**	0,25	0,19	0,12	0,09	22500	1696		
2700	1890,04	0,77		0,55	**0,27**	0,20	0,15	0,10	0,08	22500	1731		
2700	2236,28	0,65		0,46	**0,23**	0,17	0,13	0,08	0,06	22500	1745		
2700	2328,84	0,62	**KT576**	0,45	**0,23**	0,17	0,13	0,08	0,06	22500	1748	145	510
2700	2755,47	0,53		0,38	**0,19**	0,14	0,11	0,07	0,05	22500	1759		
2700	3597,31	0,40		0,29	**0,15**	0,11	0,08	0,05	0,04	22500	1774		
2700	4047,32	0,36		0,26	**0,13**	0,10	0,07	0,05	0,04	22500	1779		
2700	5587,93	0,26		0,21	**0,09**	0,07	0,05	0,03	0,03	22500	1791		
2700	6611,61	0,22		0,18	**0,08**	0,06	0,04	0,03	0,02	22500	1795		
2500	8,31	175	**KT673**	-	**49**	37	30	23	18	38163	-	235	514
2600	9,45	153		-	**44**	33	27	20	16	39661	-		
2700	10,81	134		-	**40**	30	24	19	14	41324	-		
2800	12,46	116		58	**36**	27	22	16	12	43197	-		
2900	14,49	100		52	**32**	24	20	14	11	45335	-		
4300	16,54	88		-	**42**	28	21	14	10	29600	-		
4300	18,74	77		-	**37**	24	19	12	9,2	29600	-		
4300	21,32	68		-	**33**	21	16	11	8,1	29600	-		
4300	24,38	59		-	**28**	19	14	9,3	7,1	29600	-		
4300	28,10	52		49	**25**	16	12	8,1	6,1	29600	-		
4300	32,68	44		43	**21**	14	11	7,0	5,3	29600	-		
4300	39,26	37		-	**18**	12	8,8	5,8	4,4	29600	3132		
4300	44,65	32		-	**16**	10	7,8	5,1	3,9	29600	3223		
4300	51,08	28		-	**14**	8,9	6,8	4,5	3,4	29600	3306		
4300	58,86	25		24	**12**	7,7	5,9	3,9	2,9	29600	3381		
4300	68,47	21		20	**10**	6,6	5,1	3,3	2,5	29600	3451		
4300	80,38	18		17	**8,6**	5,7	4,3	2,8	2,1	29600	3541		
4300	90,21	16		15	**7,7**	5,0	3,8	2,5	1,9	29600	3579		
4300	100,90	14		14	**6,9**	4,5	3,4	2,3	1,7	29600	3600		
4300	127,16	11		11	**5,3**	3,4	2,8	1,7	1,3	29600	3675		
4300	123,38	12	**KT674**	11	**5,7**	3,8	2,9	1,9	1,4	29600	687	238	518
4300	140,49	10		10	**5,1**	3,3	2,5	1,7	1,3	29600	808		
4300	157,02	9,2		9,1	**4,5**	3,0	2,3	1,5	1,1	29600	920		
4300	178,62	8,1		8,0	**4,0**	2,6	2,0	1,3	0,99	29600	1342		
4300	204,32	7,1		7,0	**3,5**	2,3	1,7	1,1	0,87	29600	1616		
4300	235,44	6,2		6,1	**3,0**	2,0	1,5	0,99	0,75	29600	1702		
4300	273,88	5,3		5,2	**2,6**	1,7	1,3	0,85	0,65	29600	1781		
4300	321,51	4,5		4,4	**2,2**	1,5	1,1	0,73	0,55	29600	1853		
4300	363,81	4,0		3,9	**2,0**	1,3	0,98	0,64	0,49	29600	1865		

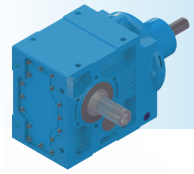


Nominal Torques	Ratio	Output Speeds	Type	P_e= Nominal Power [kW] (For Service Factor f_s=1,0)						Radial Loads (Output)	Radial Loads (Input)	Weight	Dim. Page
				Input speed[rpm]									
M_a [Nm] (n_1=1450rpm)	i	n_2 [rpm] (n_1=1450rpm)		n_1=2900	**n_1=1450**	n_1=950	n_1=725	n_1=475	n_1=360	F_{qam} [N] (n_1=1450rpm)	F_{qem} [N] (n_1=1450rpm)	[kg]	
4300	423,90	3,4	**KT675**	3,4	**1,7**	1,1	0,86	0,56	0,43	29600	1852	243	522
4300	489,82	3,0		3,0	**1,5**	0,98	0,75	0,49	0,37	29600	1863		
4300	531,08	2,7		2,8	**1,4**	0,90	0,69	0,45	0,34	29600	1869		
4300	635,86	2,3		2,3	**1,2**	0,76	0,58	0,38	0,29	29600	1880		
4300	724,08	2,0		2,0	**1,0**	0,66	0,51	0,33	0,25	29600	1886		
4300	809,27	1,8		1,8	**0,91**	0,59	0,45	0,30	0,25	29600	1892		
4300	915,75	1,6		1,6	**0,80**	0,53	0,40	0,26	0,22	29600	1897		
4300	1041,68	1,4		1,4	**0,71**	0,46	0,35	0,26	0,20	29600	1916		
4300	1191,60	1,2		1,2	**0,62**	0,41	0,31	0,23	0,17	29600	1933		
4300	1373,07	1,1		1,1	**0,54**	0,35	0,27	0,20	0,15	29600	1949		
4300	1597,25	0,91		0,92	**0,46**	0,30	0,26	0,17	0,13	29600	1963		
4300	1875,03	0,77		0,79	**0,39**	0,26	0,22	0,14	0,11	29600	1977		
4300	1884,33	0,77	**KT676**	0,80	**0,40**	0,26	0,22	0,15	0,11	29600	2009	250	522
4300	2082,19	0,70		0,72	**0,36**	0,26	0,20	0,13	0,10	29600	2011		
4300	2430,14	0,60		0,62	**0,31**	0,23	0,17	0,11	0,09	29600	2014		
4300	2858,39	0,51		0,53	**0,26**	0,19	0,15	0,10	0,07	29600	2016		
4300	3398,35	0,43		0,50	**0,25**	0,18	0,14	0,09	0,07	29600	2018		
4300	3844,04	0,38		0,44	**0,22**	0,16	0,12	0,08	0,06	29600	2020		
4300	4383,55	0,33		0,39	**0,19**	0,14	0,11	0,07	0,05	29600	2021		
4300	5445,72	0,27		0,31	**0,16**	0,11	0,09	0,06	0,04	29600	2023		
4300	6193,17	0,23		0,27	**0,14**	0,10	0,08	0,05	0,04	29600	2024		
4300	7044,81	0,21		0,27	**0,12**	0,09	0,07	0,04	0,03	29600	2027		
4300	8058,67	0,18		0,23	**0,11**	0,08	0,06	0,04	0,03	29600	2030		
4300	9285,97	0,16		0,20	**0,09**	0,07	0,05	0,03	0,03	29600	2033		
4300	10802,05	0,13		0,17	**0,08**	0,06	0,04	0,03	0,02	29600	2036		
4300	12680,66	0,11		0,15	**0,07**	0,05	0,04	0,02	0,02	29600	2038		
3900	7,41	196	**KT773**	-	**80**	64	51	39	31	33549	-	360	526
4050	8,52	170		-	**72**	57	46	35	27	35041	-		
4200	9,83	147		-	**65**	52	41	31	24	36696	-		
4250	10,20	142		-	**63**	50	40	30	23	37083	-		
4400	11,44	127		-	**58**	46	37	27	20	38376	-		
4500	12,89	112		-	**53**	42	34	24	18	40022	-		
7250	15,25	95		-	**72**	56	42	28	21	36482			
7550	17,52	83		-	**65**	48	37	24	18	38064	-		
7900	20,23	72		-	**59**	42	32	21	16	39680	-		
8000	20,97	69		-	**58**	40	31	20	15	40071	-		
8000	23,52	62		-	**52**	36	27	18	14	42417	-		
8000	26,52	55		-	**46**	32	24	16	12	44953	-		
8000	29,40	49		-	**41**	29	22	14	11	47214	374		
8000	33,78	43		-	**36**	25	19	13	9,5	50370	1262		
8000	39,00	37		-	**31**	22	17	11	8,2	53774	2055		
8000	40,44	36		-	**30**	21	16	10	7,9	54659	2095		
8000	45,36	32		-	**27**	19	14	9,3	7,1	55500	2636		
8000	51,13	28		-	**24**	17	13	8,3	6,3	55500	3136		
8000	58,00	25		-	**21**	15	11	7,3	5,5	55500	3600		
8000	66,32	22		39	**18**	13	9,7	6,4	4,8	55500	4030		
8000	76,59	19		34	**16**	11	8,4	5,5	4,2	55500	4219		
8000	88,57	16		29	**14**	9,6	7,3	4,8	3,6	55500	4332		
8000	99,00	15		26	**12**	8,6	6,5	4,3	3,2	55500	4386		
8000	111,63	13		23	**11**	7,6	5,8	3,8	2,9	55500	4437		
8000	127,11	11	**KT774**	21	**10**	6,8	5,2	3,4	2,6	55000	-	370	526
8000	142,56	10		18	**9,2**	6,0	4,6	3,0	2,3	55000	-		
8000	160,70	9,0		16	**8,2**	5,4	4,1	2,7	2,0	55000	-		
8000	182,29	8,0		14	**7,2**	4,7	3,6	2,4	1,8	55000	-		
8000	208,42	7,0		13	**6,3**	4,2	3,2	2,1	1,6	55000	530		
8000	240,71	6,0		11	**5,5**	3,6	2,7	1,8	1,4	55000	1265		
8000	278,35	5,2		9,5	**4,7**	3,1	2,4	1,6	1,2	55000	1628		
8000	311,14	4,7		8,5	**4,3**	2,8	2,1	1,4	1,1	55000	1663		
8000	354,32	4,1		7,5	**3,7**	2,4	1,9	1,2	0,93	55000	1694		
8000	396,00	3,7		6,7	**3,3**	2,2	1,7	1,1	0,83	55000	1647		

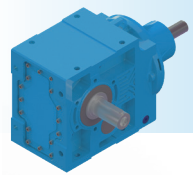


KT - PERFORMANCE TABLES

Nominal Torques	Ratio	Output Speeds	Type	P_e= Nominal Power [kW] (For Service Factor f_s=1,0)						Radial Loads (Output)	Radial Loads (Input)	Weight	Dim. Page
				Input speed[rpm]									
M_2 [Nm] (n_1=1450rpm)	i	n_2 [rpm] (n_1=1450rpm)		n_1=2900	**n_1=1450**	n_1=950	n_1=725	n_1=475	n_1=360	F_{qam} [N] (n_1=1450rpm)	F_{qem} [N] (n_1=1450rpm)	[kg]	
8000	436,74	3,3	**KT775**	6,2	**3,1**	2,0	1,5	1,0	0,77	55000	1746	381	534
8000	504,65	2,9		5,4	**2,7**	1,8	1,3	0,88	0,67	55000	1771		
8000	547,17	2,7		5,0	**2,5**	1,6	1,2	0,81	0,62	55000	1786		
8000	655,11	2,2		4,2	**2,1**	1,4	1,0	0,68	0,52	55000	1810		
8000	746,01	1,9		3,7	**1,8**	1,2	0,91	0,60	0,45	55000	1826		
8000	833,78	1,7		3,3	**1,6**	1,1	0,82	0,54	0,41	55000	1839		
8000	943,49	1,5		2,9	**1,4**	0,95	0,72	0,47	0,36	55000	1851		
8000	1058,16	1,4		2,6	**1,3**	0,85	0,65	0,42	0,32	55000	1892		
8000	1192,77	1,2		2,3	**1,1**	0,75	0,57	0,38	0,28	55000	1930		
8000	1353,02	1,1		2,0	**1,0**	0,66	0,51	0,33	0,25	55000	1966		
8000	1547,01	0,94		1,8	**0,88**	0,58	0,44	0,29	0,24	55000	2000		
8000	1786,65	0,81		1,5	**0,77**	0,50	0,38	0,25	0,21	55000	2031		
8000	2066,04	0,70		1,3	**0,66**	0,43	0,33	0,24	0,18	55000	2058		
8000	1941,39	0,75	**KT776**	1,4	**0,72**	0,47	0,36	0,26	0,20	55000	2124	386	534
8000	2145,24	0,68		1,3	**0,65**	0,43	0,33	0,24	0,18	55000	2129		
8000	2503,73	0,58		1,1	**0,56**	0,37	0,28	0,20	0,15	55000	2135		
8000	2944,95	0,49		0,95	**0,48**	0,31	0,26	0,17	0,13	55000	2141		
8000	3501,26	0,41		0,80	**0,40**	0,26	0,22	0,15	0,11	55000	2146		
8000	3960,44	0,37		0,71	**0,35**	0,26	0,20	0,13	0,10	55000	2150		
8000	4516,30	0,32		0,62	**0,31**	0,23	0,17	0,11	0,09	55000	2153		
8000	5610,63	0,26		0,50	**0,25**	0,18	0,14	0,09	0,07	55000	2157		
8000	6380,72	0,23		0,49	**0,25**	0,18	0,14	0,09	0,07	55000	2159		
8000	7156,22	0,20		0,44	**0,22**	0,16	0,12	0,08	0,06	55000	2167		
8000	8066,59	0,18		0,39	**0,19**	0,14	0,11	0,07	0,05	55000	2174		
8000	9150,37	0,16		0,34	**0,17**	0,13	0,10	0,06	0,05	55000	2181		
8000	10462,31	0,14		0,30	**0,15**	0,11	0,08	0,05	0,04	55000	2188		
8000	12082,94	0,12		0,26	**0,13**	0,09	0,07	0,05	0,04	55000	2194		
8000	13972,49	0,10		0,25	**0,11**	0,08	0,06	0,04	0,03	55000	2199		
8000	15618,73	0,09		0,22	**0,10**	0,07	0,06	0,04	0,03	55000	2202		
7850	9,63	151	**KT873**	-	**132**	98	77	51	38	59317	-	615	538
8100	11,05	131		-	**118**	88	67	44	33	62056	-		
8350	12,25	118		-	**110**	80	61	40	30	64010	-		
8650	13,93	104		-	**100**	70	53	35	26	66615	-		
12600	16,78	86		-	**121**	91	72	47	36	64685	-		
13100	19,26	75		-	**110**	82	63	41	31	67491	-		
13550	21,34	68		-	**103**	74	57	37	28	69502	-		
14100	24,28	60		-	**94**	65	50	33	25	72195	-		
13300	29,88	49		-	**72**	53	41	27	20	81282	-		
13800	34,28	42		-	**65**	46	35	23	18	84864	-		
14250	38,00	38		-	**61**	42	32	21	16	85187	-		
14750	43,22	34		-	**55**	37	28	18	14	80404	-		
15000	49,75	29		-	**49**	32	24	16	12	76000	-		
15000	55,53	26		-	**44**	29	22	14	11	76000	-		
15000	62,42	23		-	**39**	25	19	13	9,6	76000	-		
15000	70,76	20		63	**34**	22	17	11	8,5	76000	-		
15000	81,06	18		57	**30**	20	15	9,8	7,4	76000	-		
15000	92,80	16		52	**26**	17	13	8,6	6,5	76000	-		
15000	103,24	14		47	**23**	15	12	7,7	5,8	76000	-		
15000	115,87	13		42	**21**	14	10	6,8	5,2	76000	-		
15000	86,63	17	**KT874**	56	**28**	18	14	9,2	7,0	76000	-	630	542
15000	98,53	15		50	**25**	16	12	8,1	6,2	76000	-		
15000	113,42	13		43	**22**	14	11	7,1	5,4	76000	-		
15000	126,62	11		39	**19**	13	9,7	6,3	4,8	76000	-		
15000	142,32	10		34	**17**	11	8,6	5,6	4,3	76000	-		
15000	161,34	9,0		30	**15**	10,0	7,6	5,0	3,8	76000	175		
15000	184,83	7,8		27	**13**	8,7	6,7	4,4	3,3	76000	1361		
15000	207,95	7,0		24	**12**	7,8	5,9	3,9	2,9	76000	1664		
15000	235,47	6,2		21	**10**	6,9	5,2	3,4	2,6	76000	1948		
15000	287,10	5,1		17	**8,6**	5,6	4,3	2,8	2,1	76000	2311		
15000	339,70	4,3		15	**7,3**	4,8	3,6	2,4	1,8	76000	2584		
15000	383,99	3,8		13	**6,5**	4,2	3,2	2,1	1,6	76000	2648		
15000	438,70	3,3		11	**5,7**	3,7	2,8	1,9	1,4	76000	2688		



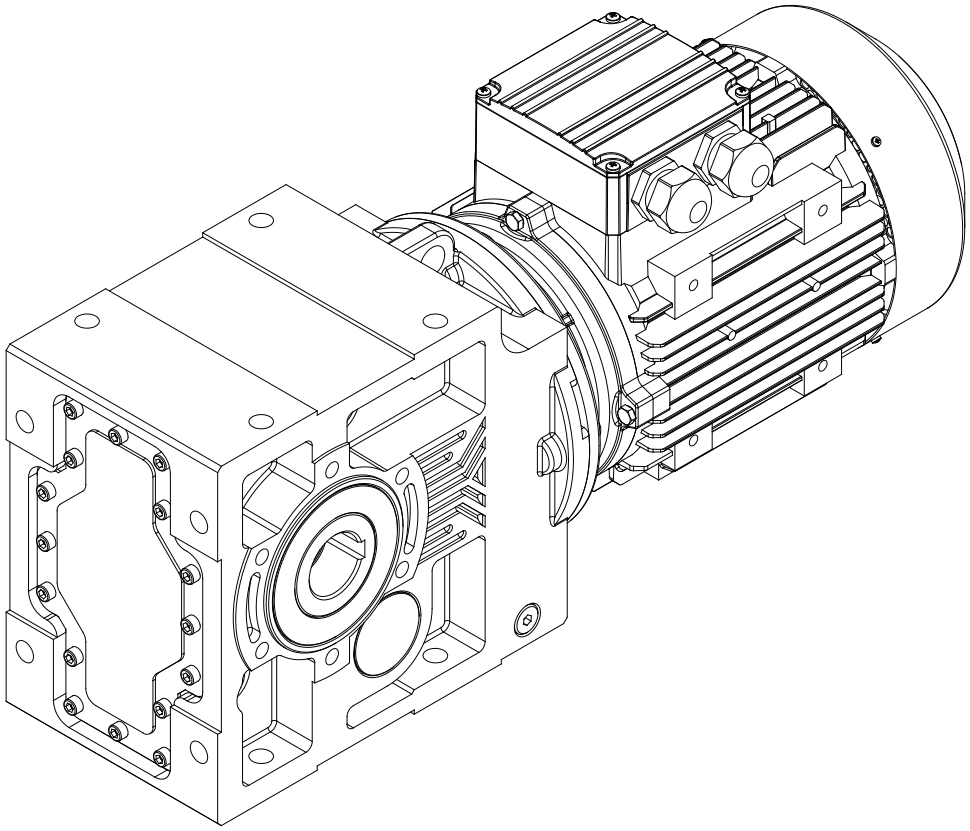
Nominal Torques	Ratio	Output Speeds	Type	P_e= Nominal Power [kW] (For Service Factor f_s=1,0)						Radial Loads (Output)	Radial Loads (Input)	Weight	Dim. Page
				Input speed[rpm]									
M_a [Nm] (n_1=1450rpm)	i	n_2 [rpm] (n_1=1450rpm)		n_1=2900	**n_1=1450**	n_1=950	n_1=725	n_1=475	n_1=360	F_{qam} [N] (n_1=1450rpm)	F_{qem} [N] (n_1=1450rpm)	[kg]	
15000	463,83	3,1	**KT875**	11	**5,5**	3,6	2,7	1,8	1,4	76000	695	640	546
15000	514,05	2,8		9,9	**4,9**	3,2	2,5	1,6	1,2	76000	1122		
15000	584,66	2,5		8,7	**4,3**	2,8	2,2	1,4	1,1	76000	1448		
15000	673,01	2,2		7,5	**3,8**	2,5	1,9	1,2	0,94	76000	1551		
15000	751,30	1,9		6,8	**3,4**	2,2	1,7	1,1	0,84	76000	1622		
15000	844,51	1,7		6,0	**3,0**	2,0	1,5	0,99	0,75	76000	1690		
15000	957,34	1,5		5,3	**2,7**	1,7	1,3	0,87	0,66	76000	1754		
15000	1096,71	1,3		4,6	**2,3**	1,5	1,2	0,76	0,58	76000	1814		
15000	1313,07	1,1		3,9	**1,9**	1,3	0,97	0,64	0,48	76000	1838		
15000	1495,27	0,97		3,4	**1,7**	1,1	0,86	0,56	0,42	76000	1852		
15000	1671,18	0,87		3,1	**1,5**	1,0	0,77	0,50	0,38	76000	1865		
15000	1891,08	0,77		2,7	**1,4**	0,89	0,68	0,44	0,34	76000	1875		
15000	2074,42	0,70	**KT876**	2,5	**1,3**	0,83	0,63	0,41	0,31	76000	2042	650	546
15000	2387,89	0,61		2,2	**1,1**	0,72	0,55	0,36	0,27	76000	2067		
15000	2665,68	0,54		2,0	**0,98**	0,64	0,49	0,32	0,27	76000	2085		
15000	2996,39	0,48		1,7	**0,87**	0,57	0,44	0,29	0,24	76000	2101		
15000	3396,71	0,43		1,5	**0,77**	0,50	0,39	0,25	0,21	76000	2116		
15000	3891,23	0,37		1,3	**0,67**	0,44	0,34	0,24	0,19	76000	2131		
15000	4299,81	0,34		1,2	**0,61**	0,40	0,30	0,22	0,17	76000	2136		
15000	5018,35	0,29		1,0	**0,52**	0,34	0,26	0,19	0,14	76000	2142		
15000	5902,70	0,25		0,89	**0,45**	0,29	0,25	0,16	0,12	76000	2147		
15000	7017,76	0,21		0,75	**0,38**	0,27	0,21	0,14	0,10	76000	2152		
15000	7938,12	0,18		0,67	**0,33**	0,24	0,18	0,12	0,09	76000	2155		
15000	9052,24	0,16		0,58	**0,29**	0,21	0,16	0,11	0,08	76000	2158		
15000	11245,67	0,13		0,52	**0,26**	0,19	0,15	0,10	0,07	76000	2162		
15000	12789,19	0,11		0,46	**0,23**	0,17	0,13	0,08	0,06	76000	2164		
11300	11,69	124	**KT973**	252	**153**	115	93	71	58	77710	20760	1045	550
11600	13,06	111		232	**140**	106	85	65	53	80410	20630		
11950	14,65	99		213	**129**	97	78	60	47	83470	20500		
12300	16,51	88		194	**118**	89	72	54	42	86610	20370		
12680	18,73	77		176	**107**	81	65	50	38	90120	20240		
19120	22,05	66		232	**137**	91	70	47	36	77500	20630		
19200	24,73	59		212	**123**	82	63	42	32	77500	20500		
19280	27,88	52		194	**109**	73	56	37	28	77500	20380		
19380	31,63	46		177	**97**	65	50	33	25	76500	20270		
19510	38,21	38		147	**82**	54	42	27	21	75500	20430		
19600	42,86	34		135	**73**	49	37	24	19	75000	20360		
19700	48,31	30		124	**65**	43	33	22	16	74500	20290		
19800	54,80	26		112	**58**	38	29	19	14	74000	20220		
19940	64,28	23		96	**50**	33	25	16	12	73500	20150		
20000	71,60	20		87	**45**	29	22	15	11	73500	20100		
20000	80,31	18		78	**40**	26	20	13	9,9	73500	20060		
20000	90,85	16		69	**35**	23	18	12	8,7	73500	20020		
20000	103,87	14		61	**31**	20	16	10	7,7	73500	19980		
20000	117,32	12		55	**28**	18	14	9,0	6,8	73500	19950		
20000	130,38	11		49	**25**	16	12	8,1	6,2	73500	19930		
20000	146,20	9,9		44	**22**	14	11	7,2	5,5	73500	19900		
20000	134,57	11	**KT974**	49	**24**	16	12	7,9	6,0	73500	-	1070	554
20000	151,03	9,6		43	**22**	14	11	7,1	5,4	73500	-		
20000	168,94	8,6		39	**19**	13	9,7	6,4	4,8	73500	-		
20000	181,51	8,0		36	**18**	12	9,0	5,9	4,5	73500	-		
20000	238,77	6,1		28	**14**	9,0	6,9	4,5	3,4	73500	5760		
20000	269,15	5,4		24	**12**	8,0	6,1	4,0	3,0	73500	6120		
20000	305,31	4,7		22	**11**	7,1	5,4	3,5	2,7	73500	6020		
20000	358,16	4,0		18	**9,2**	6,0	4,6	3,0	2,3	73500	5880		
20000	398,92	3,6		17	**8,3**	5,4	4,1	2,7	2,1	73500	5790		
20000	361,44	4,0	**KT975**	19	**9,3**	6,1	4,7	3,0	2,3	73500	2970	1090	558
20000	427,72	3,4		16	**7,9**	5,2	3,9	2,6	2,0	73500	2910		
20000	460,51	3,1		15	**7,3**	4,8	3,7	2,4	1,8	73500	2890		

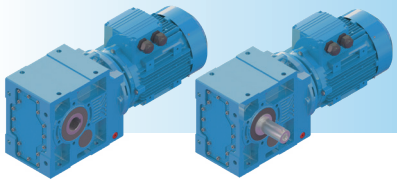


KT - PERFORMANCE TABLES

Nominal Torques	Ratio	Output Speeds	Type	P_e= Nominal Power [kW] (For Service Factor f_s=1,0)						Radial Loads (Output)	Radial Loads (Input)	Weight	Dim. Page
				Input speed[rpm]									
M_a [Nm] (n_1=1450rpm)	i	n_2 [rpm] (n_1=1450rpm)		n_1=2900	**n_1=1450**	n_1=950	n_1=725	n_1=475	n_1=360	F_{qam} [N] (n_1=1450rpm)	F_{qem} [N] (n_1=1450rpm)	[kg]	
20000	518,12	2,8	**KT975**	13	**6,5**	4,3	3,3	2,1	1,6	73500	3320	1090	558
20000	586,70	2,5		12	**5,8**	3,8	2,9	1,9	1,4	73500	3260		
20000	659,09	2,2		10	**5,1**	3,4	2,6	1,7	1,3	73500	3230		
20000	715,34	2,0		9,5	**4,7**	3,1	2,4	1,5	1,2	73500	3200		
20000	846,39	1,7		8,0	**4,0**	2,6	2,0	1,3	0,99	73500	3170		
20000	949,26	1,5		7,2	**3,6**	2,3	1,8	1,2	0,89	73500	3150		
20000	1070,02	1,4		6,3	**3,2**	2,1	1,6	1,0	0,79	73500	3130		
20000	1213,78	1,2		5,6	**2,8**	1,8	1,4	0,92	0,70	73500	3100		
20000	1423,89	1,0		4,8	**2,4**	1,6	1,2	0,78	0,59	73500	3060		
20000	1585,92	0,91		4,3	**2,1**	1,4	1,1	0,70	0,53	73500	2650		
20000	1985,89	0,73	**KT976**	3,5	**1,7**	1,1	0,87	0,57	0,43	73500	2800	1090	558
20000	2218,31	0,65		3,1	**1,6**	1,0	0,78	0,51	0,39	73500	2780		
20000	2348,01	0,62		3,0	**1,5**	0,97	0,74	0,48	0,37	73500	2780		
20000	2811,23	0,52		2,5	**1,2**	0,81	0,62	0,41	0,31	73500	2770		
20000	3306,00	0,44		2,1	**1,1**	0,69	0,53	0,35	0,26	73500	2720		
20000	3499,30	0,41		2,0	**1,0**	0,65	0,50	0,33	0,27	73500	2720		
20000	4189,63	0,35		1,7	**0,83**	0,55	0,42	0,27	0,23	73500	2710		
20000	5350,83	0,27		1,3	**0,65**	0,43	0,33	0,24	0,18	73500	2700		
20000	6741,12	0,22		1,0	**0,52**	0,34	0,26	0,19	0,14	73500	2680		
20000	8652,97	0,17		0,81	**0,41**	0,27	0,23	0,15	0,11	73500	2670		
20000	12474,60	0,12		0,56	**0,28**	0,21	0,16	0,10	0,08	73500	2660		
20000	15680,79	0,09		0,50	**0,25**	0,18	0,14	0,09	0,07	73500	2650		

DIMENSION PAGES

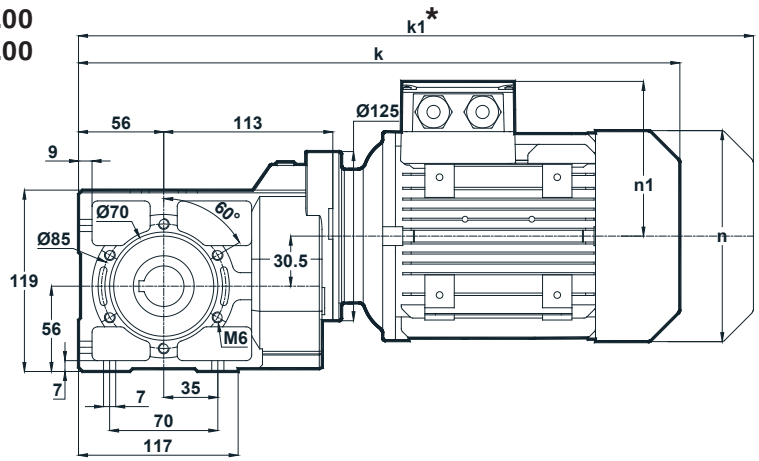


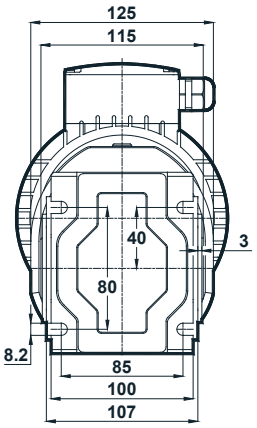


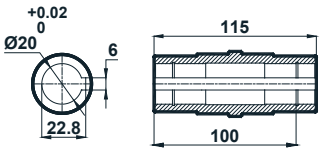
KR - DIMENSION PAGES

Tapped center hole to DIN 332, sheet 2

KR002.00
KR003.00

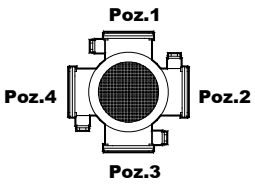






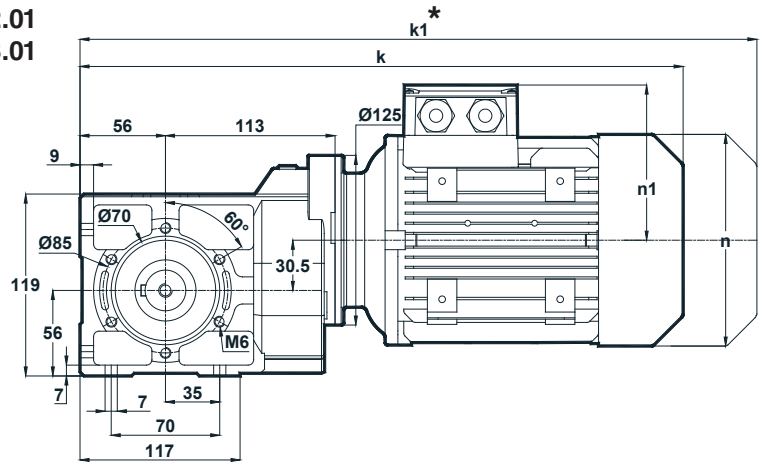
	63	71	80	90S	90L
k	366.5	395	429	468	468
k1	427.5	486	522	571.5	571.5
n	121	137	155	176	176
n1	97	112	123	132	132

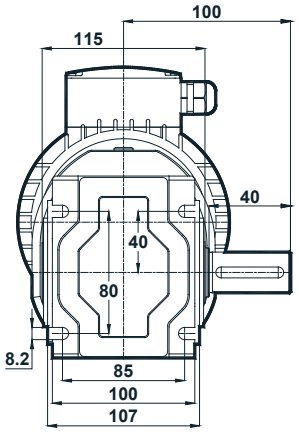
Terminal Box Positions

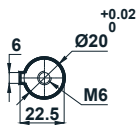


63-71-80-90
Type

KR002.01
KR003.01

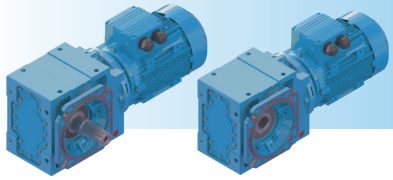






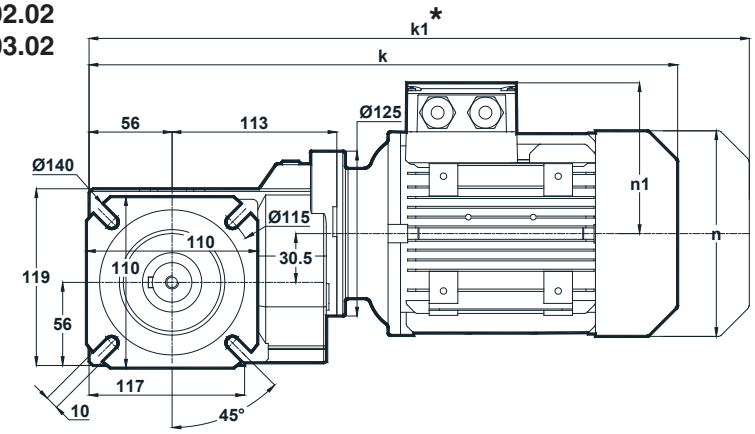
	63	71	80	90S	90L
k	366.5	395	429	468	468
k1	427.5	486	522	571.5	571.5
n	121	137	155	176	176
n1	97	112	123	132	132

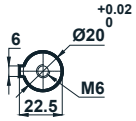
* Dimension " k1" is for motors with brake.

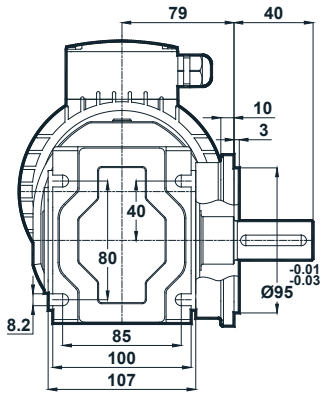


Tapped center hole to DIN 332, sheet 2

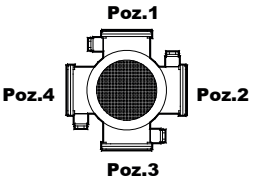
KR002.02
KR003.02







Terminal Box Positions

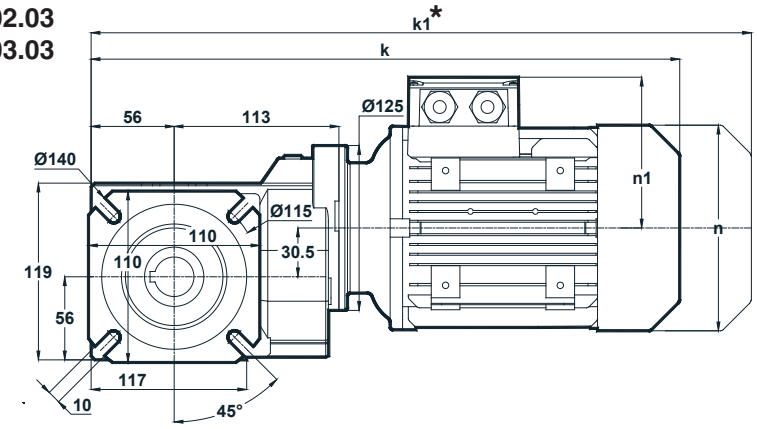


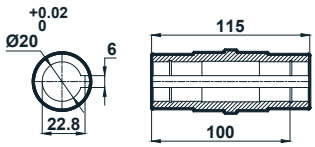
63-71-80-90
Type

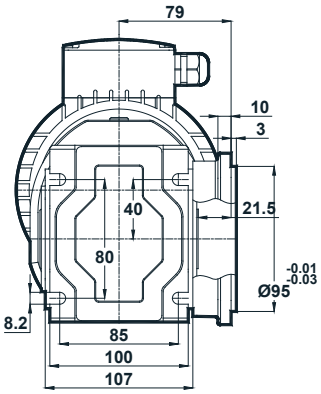
Please see on page 576 for optional flange dimensions

	63	71	80	90S	90L
k	366.5	395	429	468	468
k1	427.5	486	522	571.5	571.5
n	121	137	155	176	176
n1	97	112	123	132	132

KR002.03
KR003.03



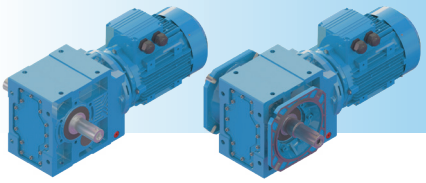




	63	71	80	90S	90L
k	366.5	395	429	468	468
k1	427.5	486	522	571.5	571.5
n	121	137	155	176	176
n1	97	112	123	132	132

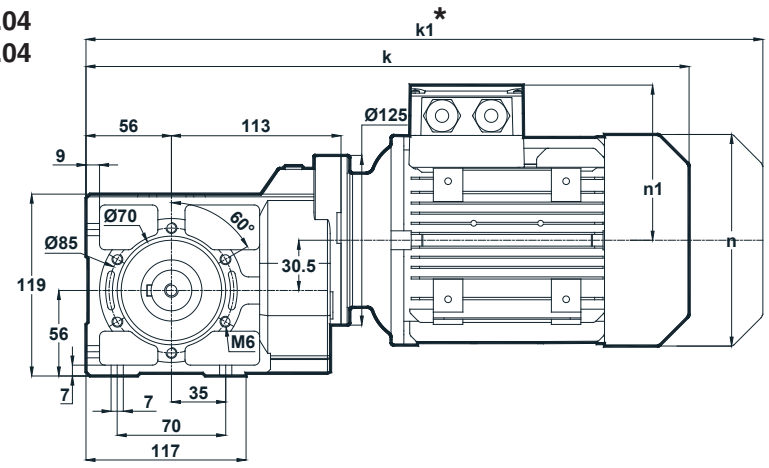
Please see on page 576 for optional flange dimensions

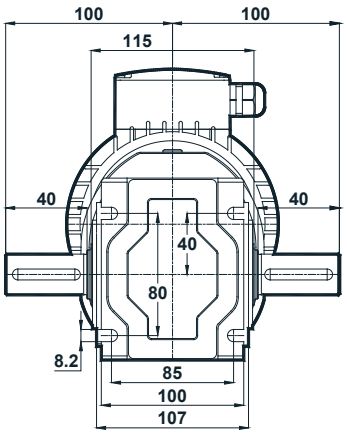
* Dimension " k1" is for motors with brake.

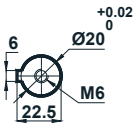


Tapped center hole to DIN 332, sheet 2

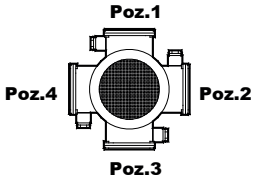
KR002.04
KR003.04







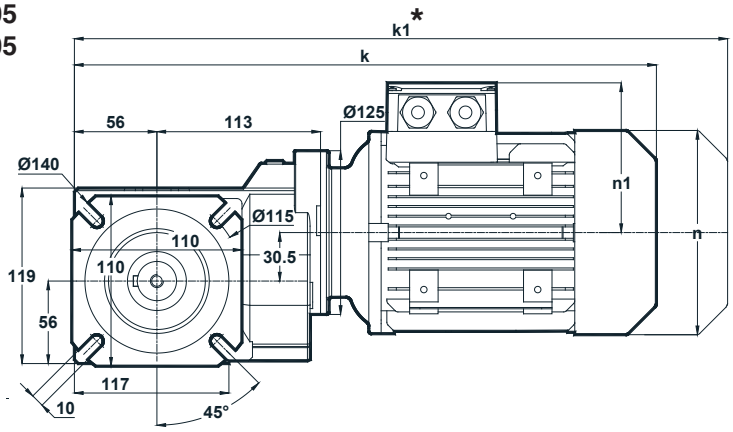
Terminal Box Positions

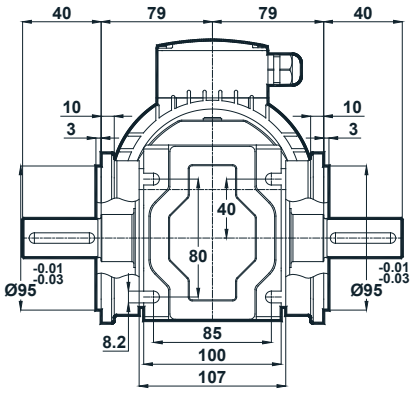


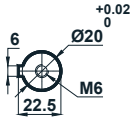
63-71-80-90
Type

	63	71	80	90S	90L
k	366.5	395	429	468	468
k1	427.5	486	522	571.5	571.5
n	121	137	155	176	176
n1	97	112	123	132	132

KR002.05
KR003.05



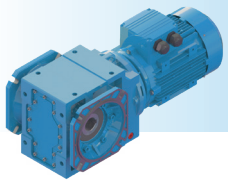




	63	71	80	90S	90L
k	366.5	395	429	468	468
k1	427.5	486	522	571.5	571.5
n	121	137	155	176	176
n1	97	112	123	132	132

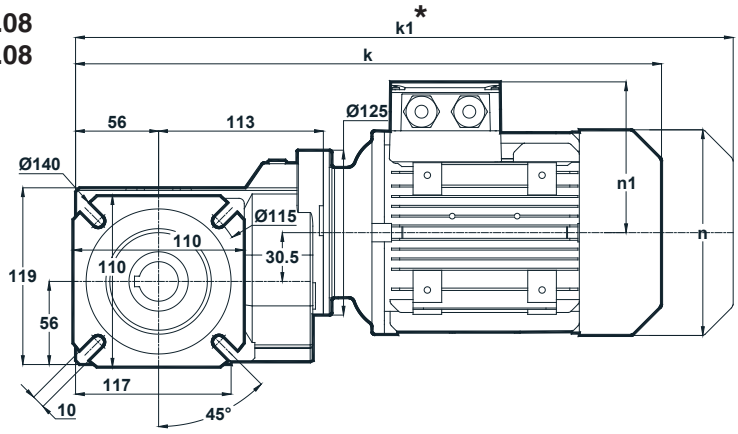
Please see on page 576 for optional flange dimensions

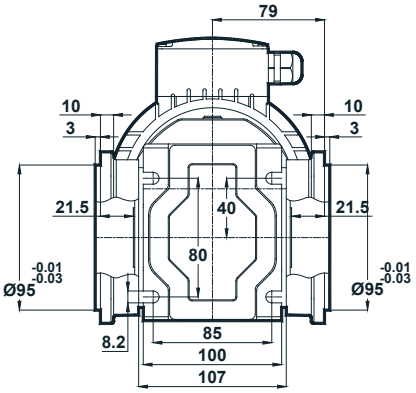
* Dimension " k1" is for motors with brake.

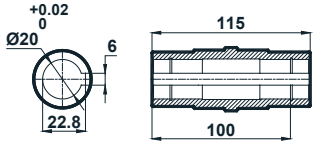


Tapped center hole to DIN 332, sheet 2

KR002.08
KR003.08

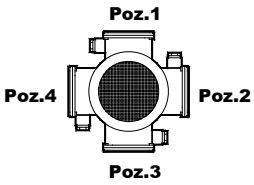






	63	71	80	90S	90L
k	366.5	395	429	468	468
k1	427.5	486	522	571.5	571.5
n	121	137	155	176	176
n1	97	112	123	132	132

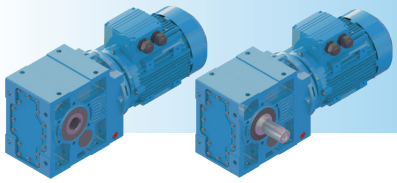
Terminal Box Positions



63-71-80-90
Type

Please see on page 576 for optional flange dimensions

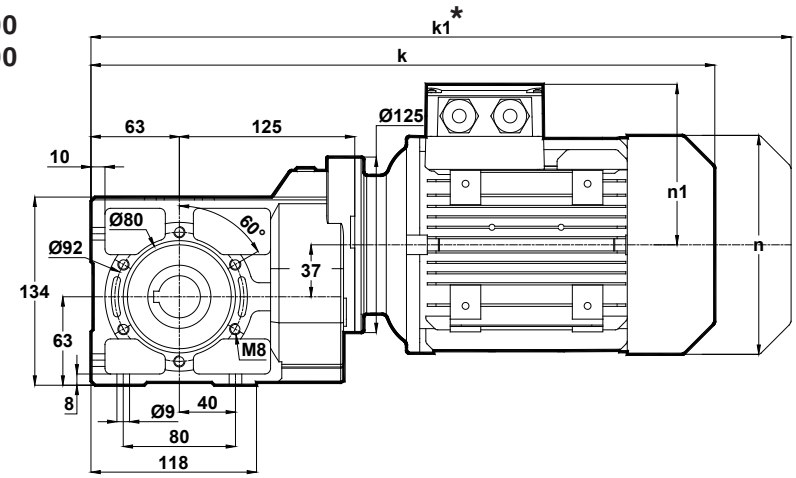
* Dimension " k1" is for motors with brake.

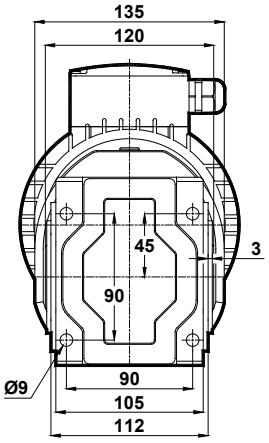


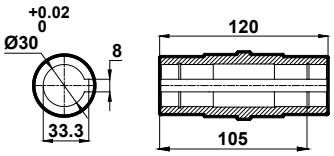
KR - DIMENSION PAGES

Tapped center hole to DIN 332, sheet 2

KR102.00
KR103.00

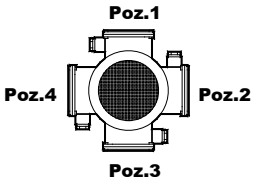






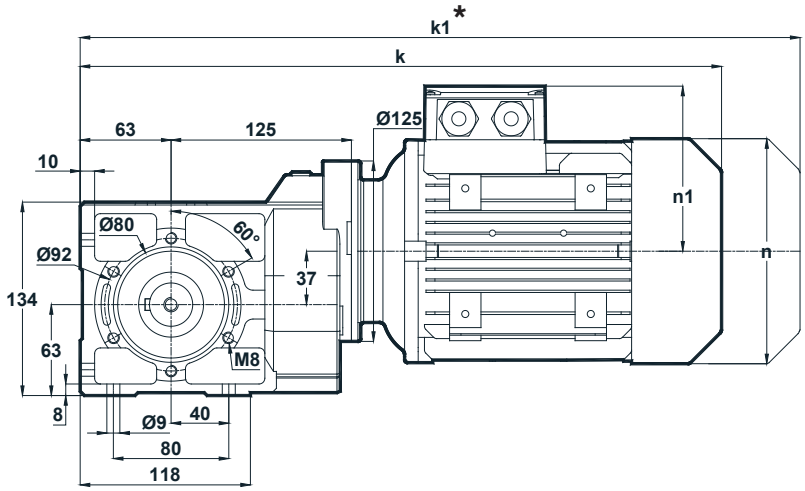
	63	71	80	90S	90L
k	385.5	414	448	487	487
k1	446.5	505	541	590.5	590.5
n	121	137	155	176	176
n1	97	112	123	132	132

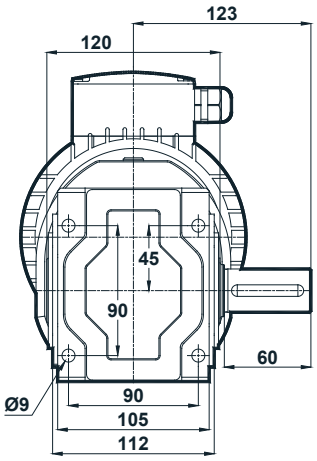
Terminal Box Positions

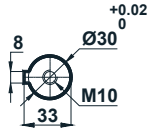


63-71-80-90
Type

KR102.01
KR103.01

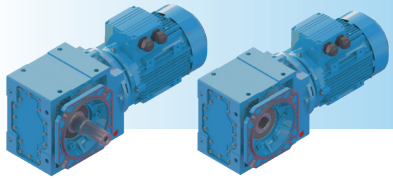






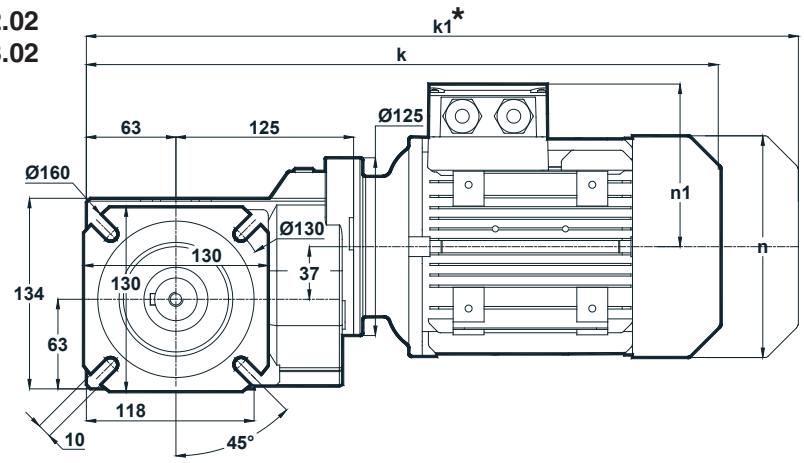
	63	71	80	90S	90L
k	385.5	414	448	487	487
k1	446.5	505	541	590.5	590.5
n	121	137	155	176	176
n1	97	112	123	132	132

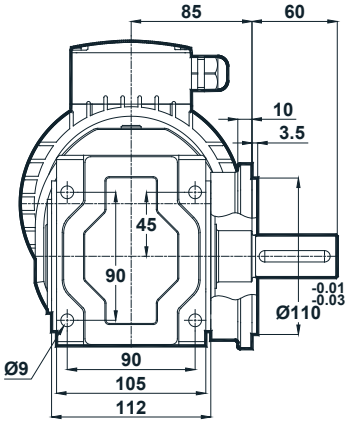
* Dimension " k1" is for motors with brake.

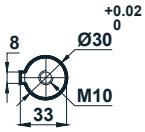


Tapped center hole to DIN 332, sheet 2

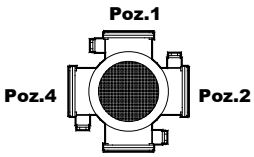
KR102.02
KR103.02







Terminal Box Positions

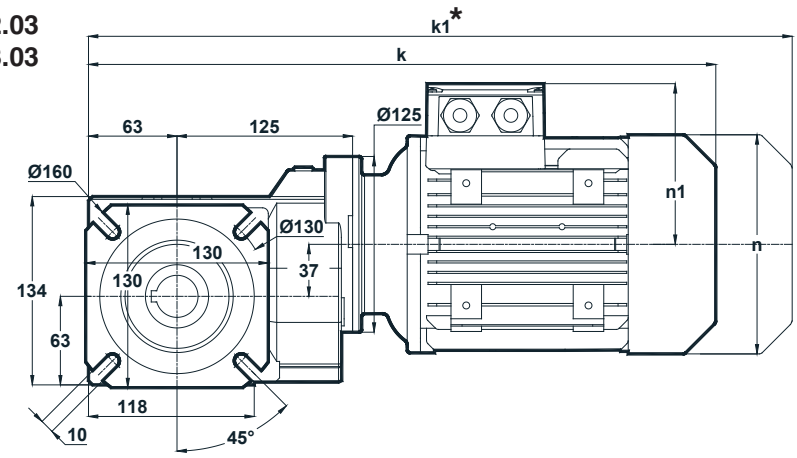


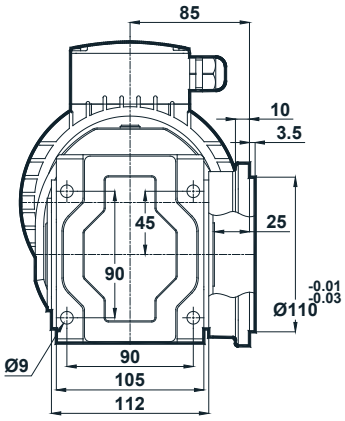
63-71-80-90
Type

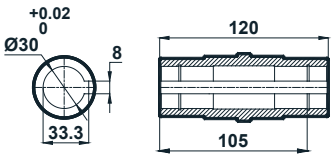
	63	71	80	90S	90L
k	385.5	414	448	487	487
k1	446.5	505	541	590.5	590.5
n	121	137	155	176	176
n1	97	112	123	132	132

Please see on page 576 for optional flange dimensions

KR102.03
KR103.03



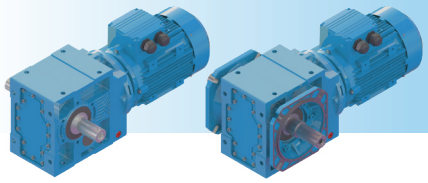




	63	71	80	90S	90L
k	385.5	414	448	487	487
k1	446.5	505	541	590.5	590.5
n	121	137	155	176	176
n1	97	112	123	132	132

Please see on page 576 for optional flange dimensions

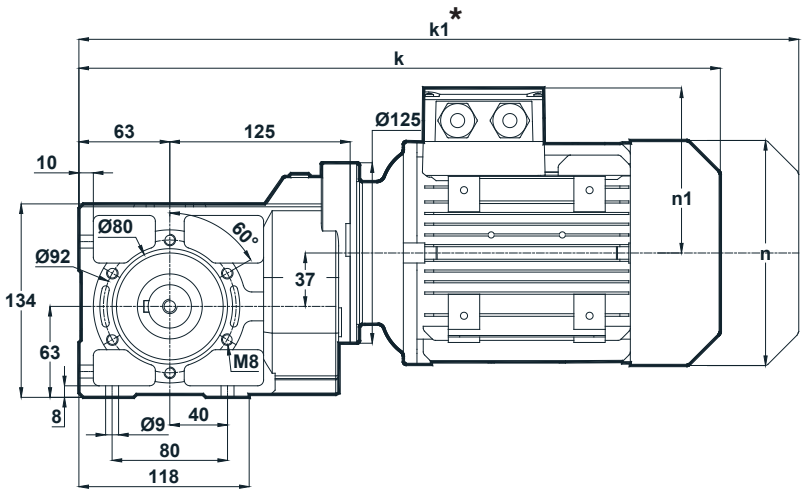
* Dimension " k1" is for motors with brake.

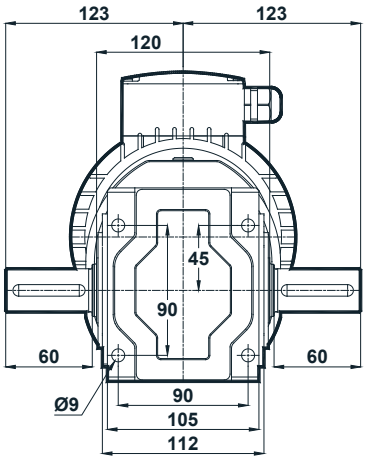


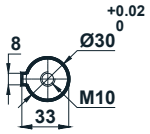
KR - DIMENSION PAGES

Tapped center hole to DIN 332, sheet 2

KR102.04
KR103.04

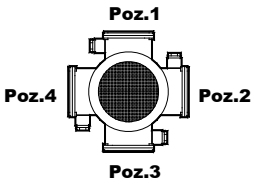






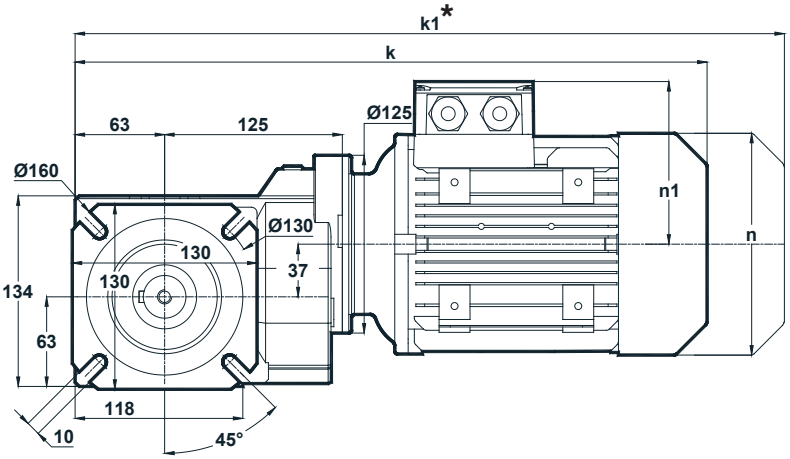
	63	71	80	90S	90L
k	385.5	414	448	487	487
k1	446.5	505	541	590.5	590.5
n	121	137	155	176	176
n1	97	112	123	132	132

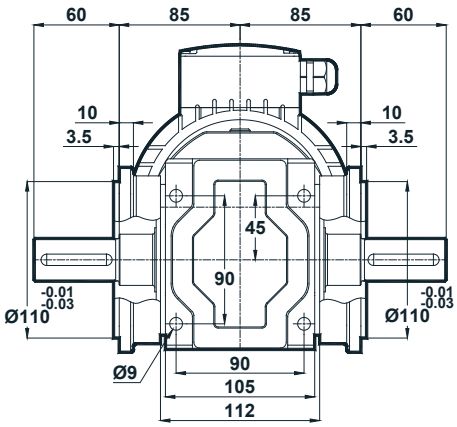
Terminal Box Positions

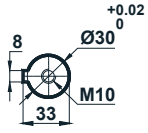


63-71-80-90
Type

KR102.05
KR103.05



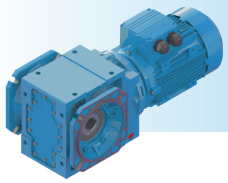




	63	71	80	90S	90L
k	385.5	414	448	487	487
k1	446.5	505	541	590.5	590.5
n	121	137	155	176	176
n1	97	112	123	132	132

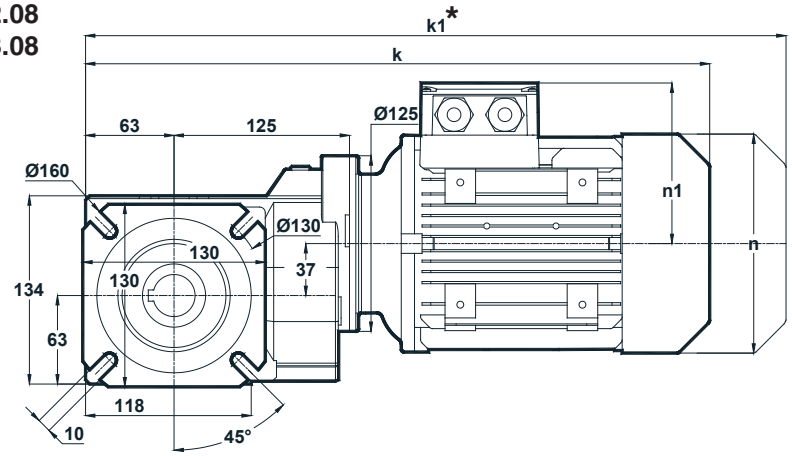
Please see on page 576 for optional flange dimensions

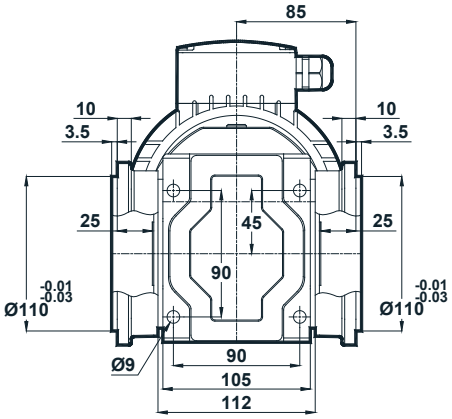
* Dimension " k1" is for motors with brake.

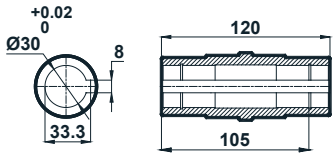


Tapped center hole to DIN 332, sheet 2

KR102.08
KR103.08

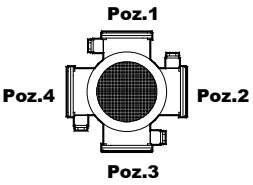






	63	71	80	90S	90L
k	385.5	414	448	487	487
k1	446.5	505	541	590.5	590.5
n	121	137	155	176	176
n1	97	112	123	132	132

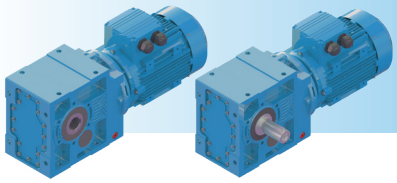
Terminal Box Positions



63-71-80-90
Type

Please see on page 576 for optional flange dimensions

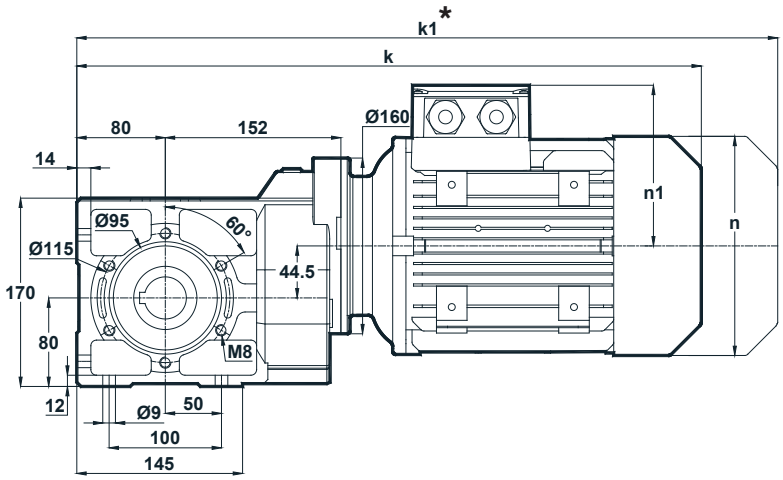
* Dimension " k1" is for motors with brake.

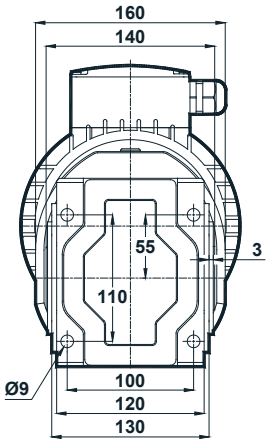


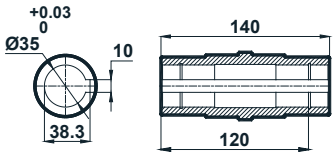
KR - DIMENSION PAGES

Tapped center hole to DIN 332, sheet 2

KR202.00
KR203.00

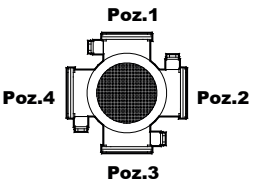






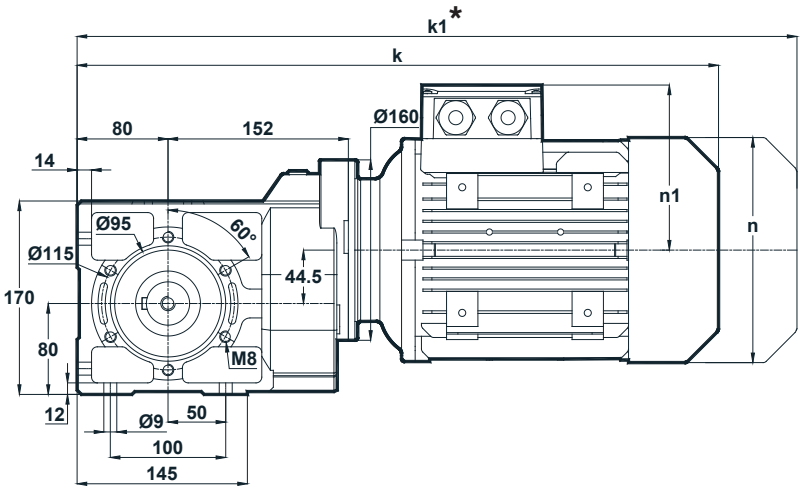
	63	71	80	90S	90L	100L	112M
k	426	453	487	526	526	574	598
k1	487	544	580	629.5	629.5	682.5	702.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161

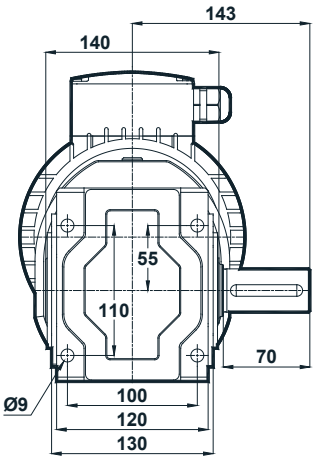
Terminal Box Positions

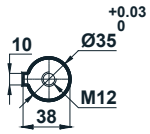


63-71-80-90-100-112
Type

KR202.01
KR203.01

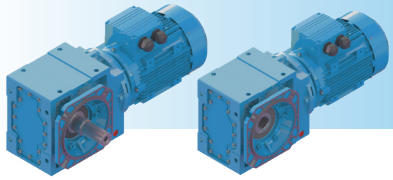






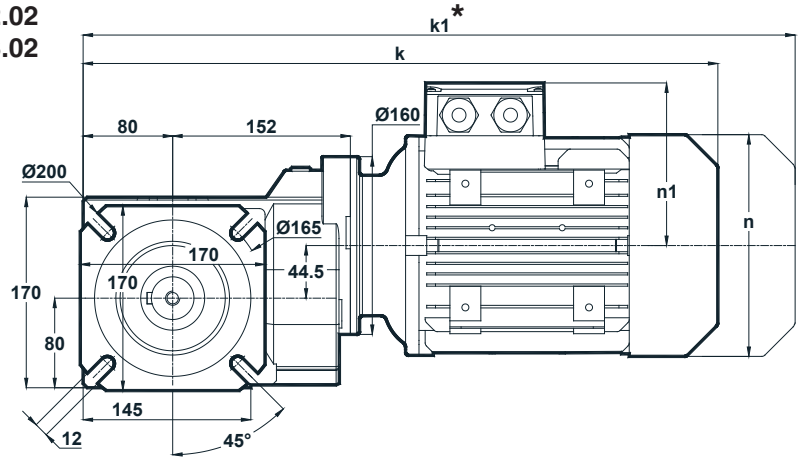
	63	71	80	90S	90L	100L	112M
k	426	453	487	526	526	574	598
k1	487	544	580	629.5	629.5	682.5	702.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161

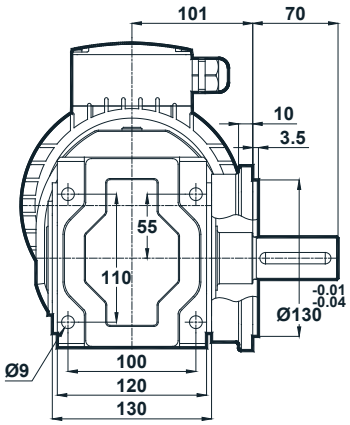
* Dimension " k1" is for motors with brake.

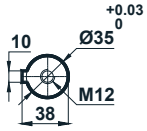


Tapped center hole to DIN 332, sheet 2

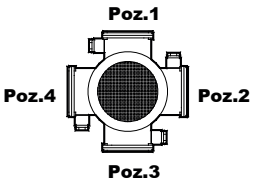
KR202.02
KR203.02







Terminal Box Positions

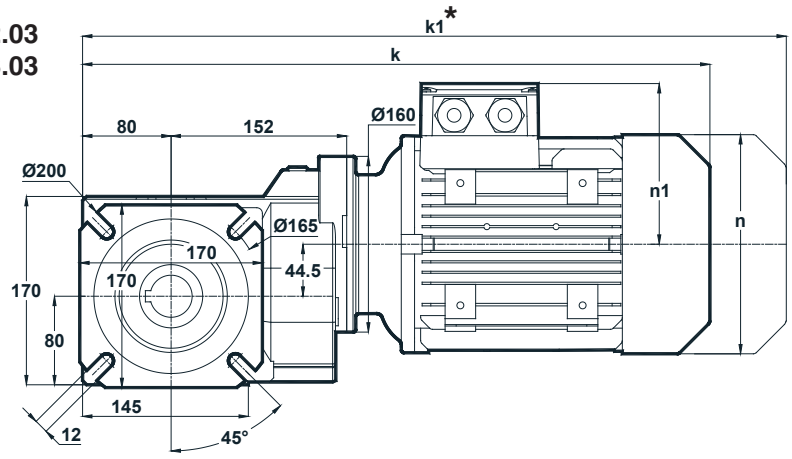


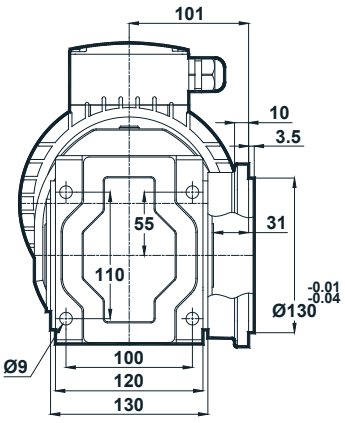
63-71-80-90-100-112
Type

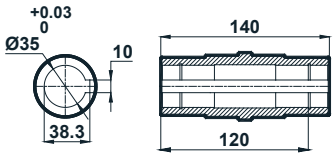
	63	71	80	90S	90L	100L	112M
k	426	453	487	526	526	574	598
k1	487	544	580	629.5	629.5	682.5	702.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161

Please see on page 576 for optional flange dimensions

KR202.03
KR203.03



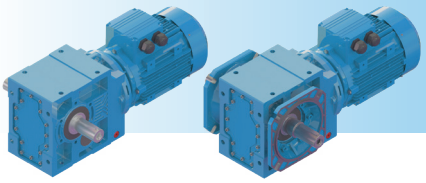




	63	71	80	90S	90L	100L	112M
k	426	453	487	526	526	574	598
k1	487	544	580	629.5	629.5	682.5	702.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161

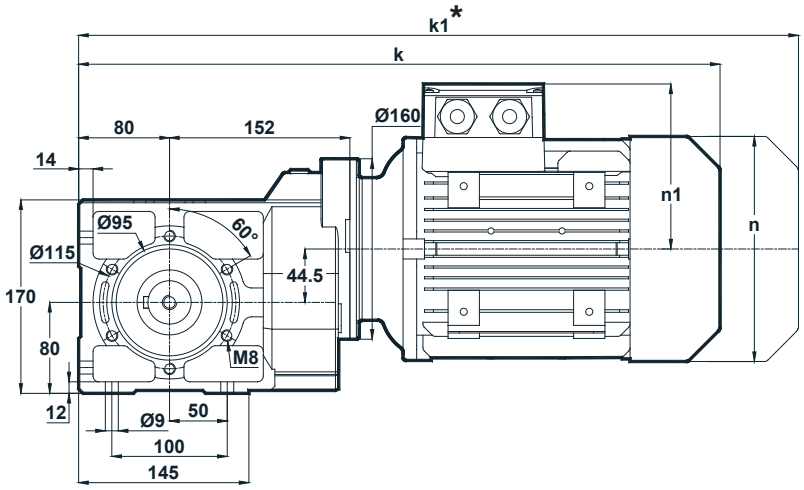
Please see on page 576 for optional flange dimensions

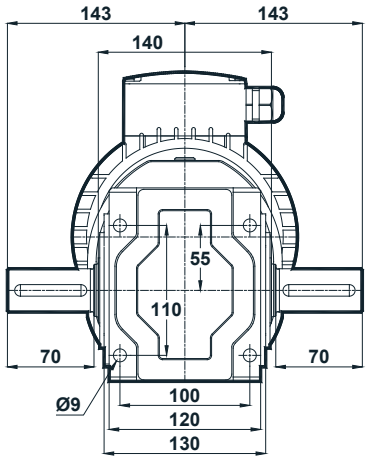
* Dimension " k1" is for motors with brake.

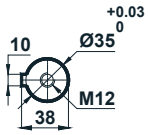


Tapped center hole to DIN 332, sheet 2

KR202.04
KR203.04

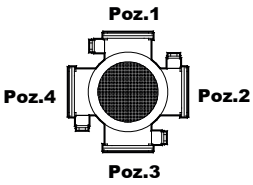






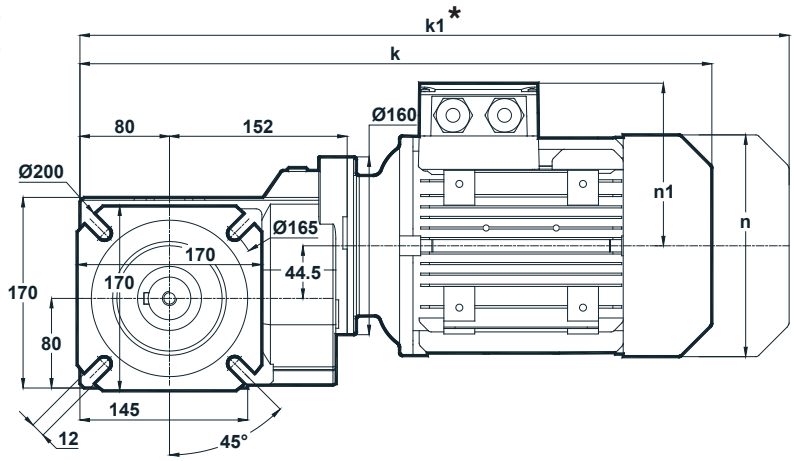
	63	71	80	90S	90L	100L	112M
k	426	453	487	526	526	574	598
k1	487	544	580	629.5	629.5	682.5	702.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161

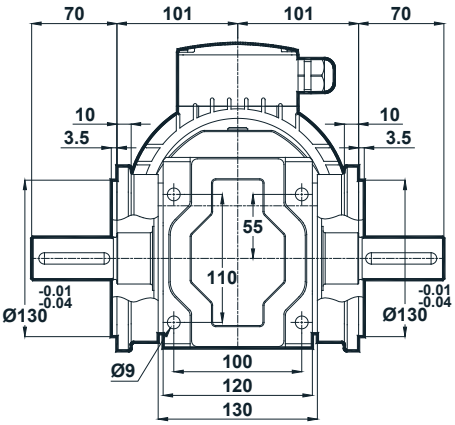
Terminal Box Positions

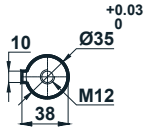


63-71-80-90-100-112
Type

KR202.05
KR203.05



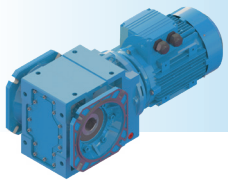




	63	71	80	90S	90L	100L	112M
k	426	453	487	526	526	574	598
k1	487	544	580	629.5	629.5	682.5	702.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161

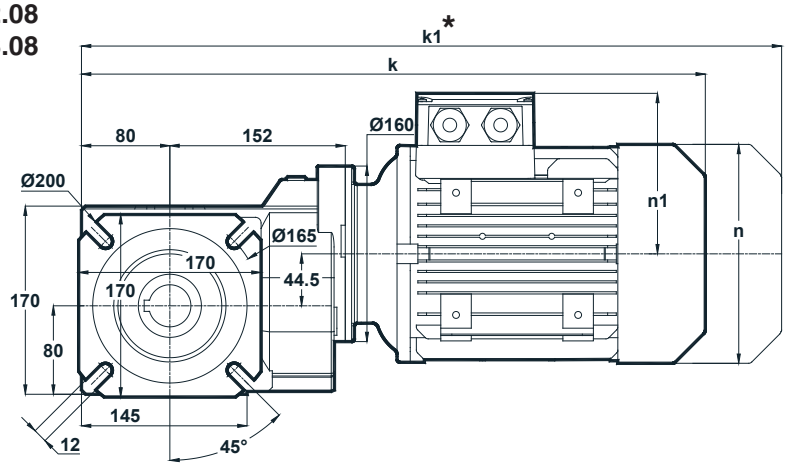
Please see on page 576 for optional flange dimensions

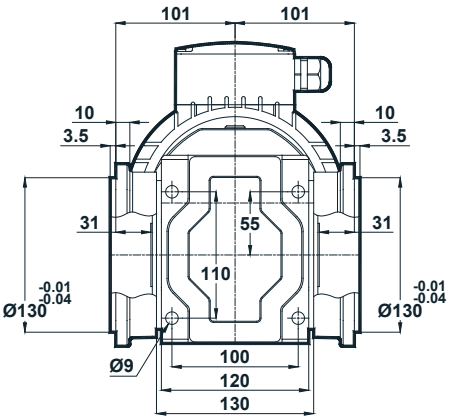
* Dimension " k1" is for motors with brake.

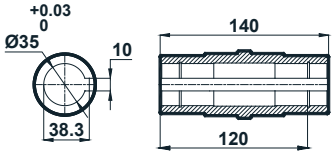


Tapped center hole to DIN 332, sheet 2

KR202.08
KR203.08

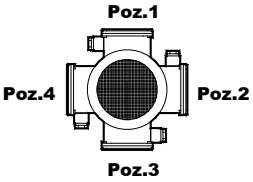






	63	71	80	90S	90L	100L	112M
k	426	453	487	526	526	574	598
k1	487	544	580	629.5	629.5	682.5	702.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161

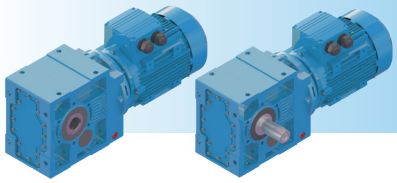
Terminal Box Positions



63-71-80-90-100-112
Type

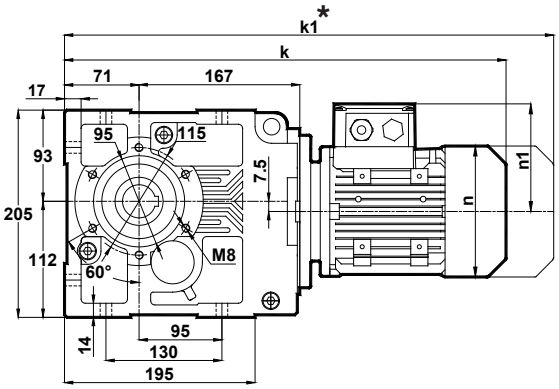
Please see on page 576 for optional flange dimensions

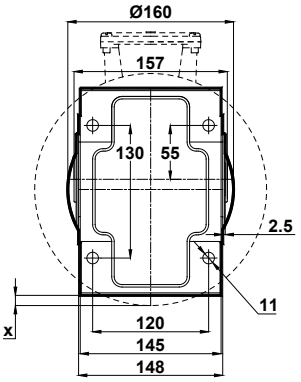
* Dimension " k1" is for motors with brake.



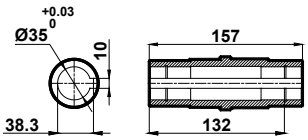
Tapped center hole to DIN 332, sheet 2

KR273.00

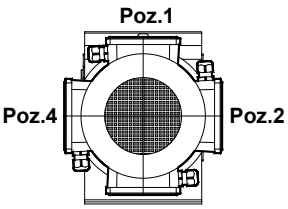




x: If Motor is lower than foot mounting plane



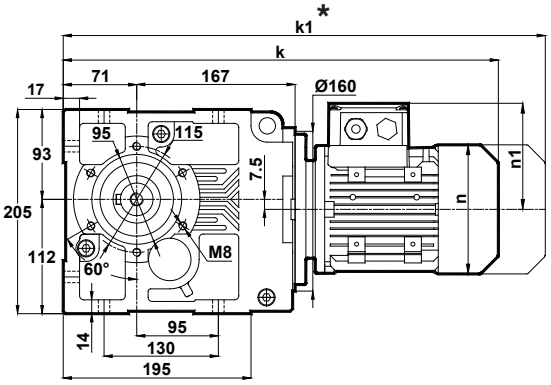
Terminal Box Positions

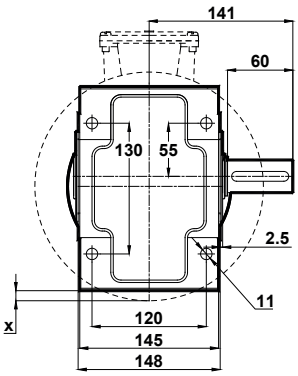


63-71- 80-90-100-112
Type

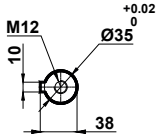
	63	71	80	90S	90L	100L	112M
k	432	459	493	532	532	580	604
k1	493	550	586	635.5	635.5	688.5	708.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161
x	-	-	-	-	-	-	3

KR273.01



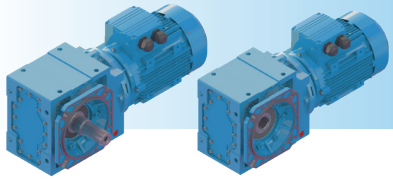


x: If Motor is lower than foot mounting plane



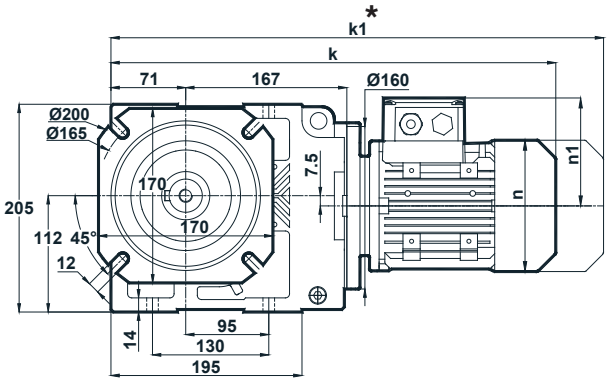
	63	71	80	90S	90L	100L	112M
k	432	459	493	532	532	580	604
k1	493	550	586	635.5	635.5	688.5	708.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161
x	-	-	-	-	-	-	3

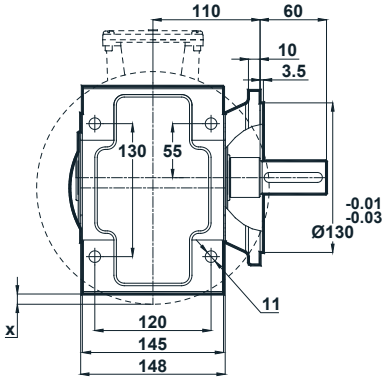
* Dimension " k1" is for motors with brake.



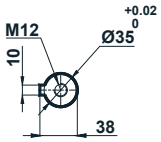
Tapped center hole to DIN 332, sheet 2

KR273.02

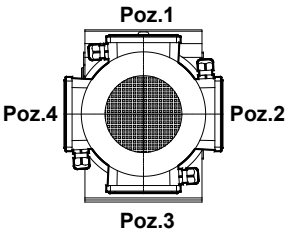




x: If Motor is lower than foot mounting plane



Terminal Box Positions

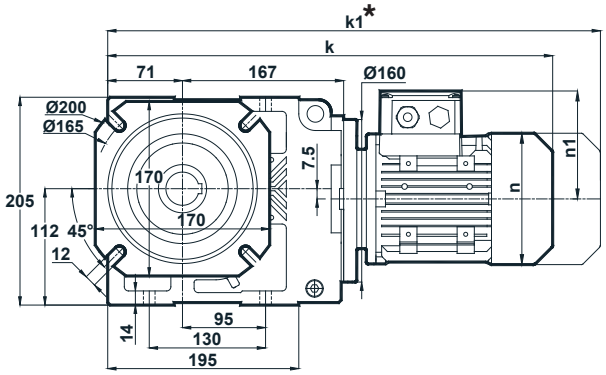


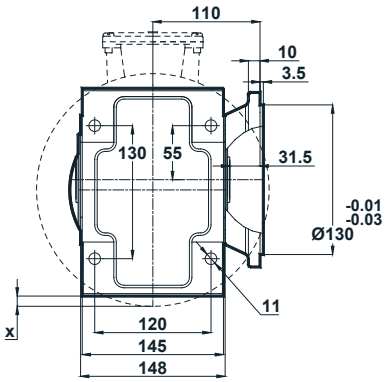
63-71-80-90-100-112
Type

Please see on page 576 for optional flange dimensions

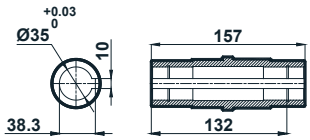
	63	71	80	90S	90L	100L	112M
k	432	459	493	532	532	580	604
k1	493	550	586	635.5	635.5	688.5	708.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161
x	-	-	-	-	-	-	3

KR273.03





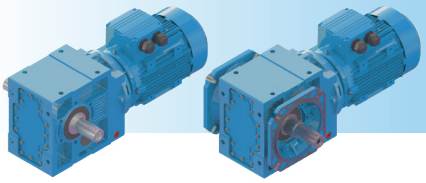
x: If Motor is lower than foot mounting plane



	63	71	80	90S	90L	100L	112M
k	432	459	493	532	532	580	604
k1	493	550	586	635.5	635.5	688.5	708.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161
x	-	-	-	-	-	-	3

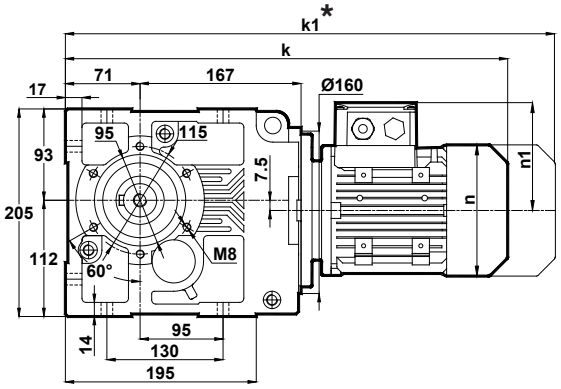
Please see on page 576 for optional flange dimensions

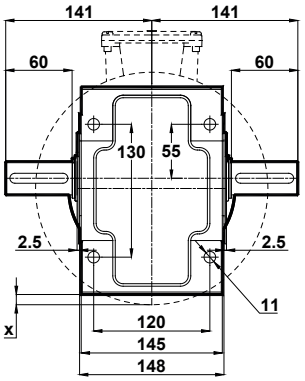
* Dimension " k1" is for motors with brake.



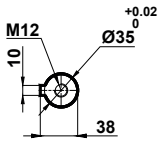
Tapped center hole to DIN 332, sheet 2

KR273.04

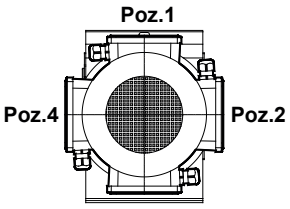




x: If Motor is lower than foot mounting plane



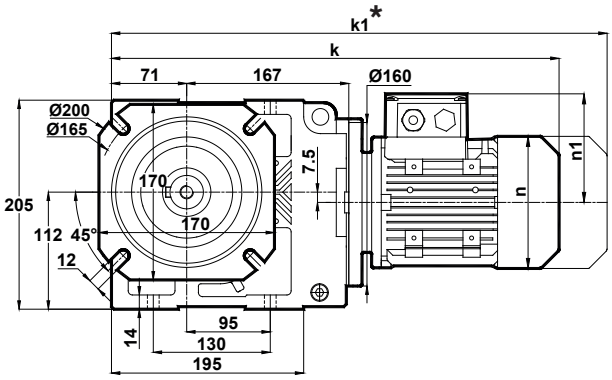
Terminal Box Positions

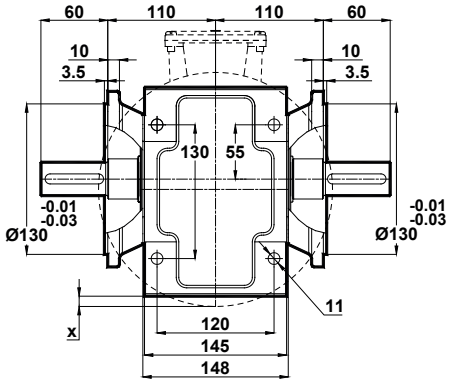


63-71- 80-90-100-112
Type

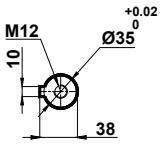
	63	71	80	90S	90L	100L	112M
k	432	459	493	532	532	580	604
k1	493	550	586	635.5	635.5	688.5	708.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161
x	-	-	-	-	-	-	3

KR273.05





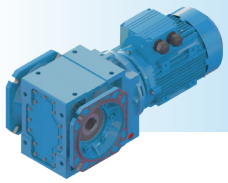
x: If Motor is lower than foot mounting plane



	63	71	80	90S	90L	100L	112M
k	432	459	493	532	532	580	604
k1	493	550	586	635.5	635.5	688.5	708.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161
x	-	-	-	-	-	-	3

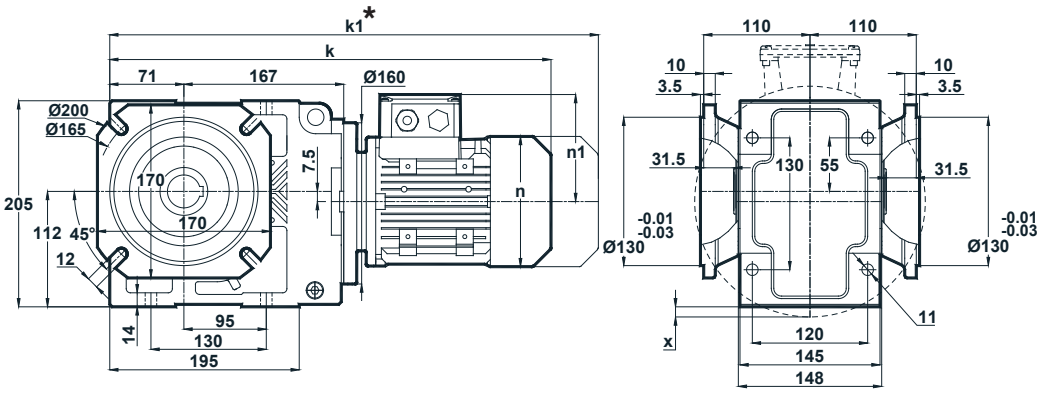
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

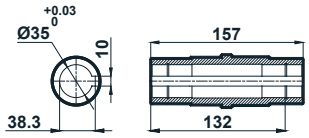


Tapped center hole to DIN 332, sheet 2

KR273.08

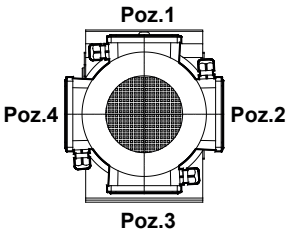


x: If Motor is lower than foot mounting plane



	63	71	80	90S	90L	100L	112M
k	432	459	493	532	532	580	604
k1	493	550	586	635.5	635.5	688.5	708.5
n	121	137	155	176	176	193	215
n1	97	112	123	132	132	149	161
x	-	-	-	-	-	-	3

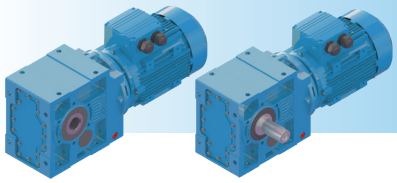
Terminal Box Positions



63-71- 80-90-100-112
Type

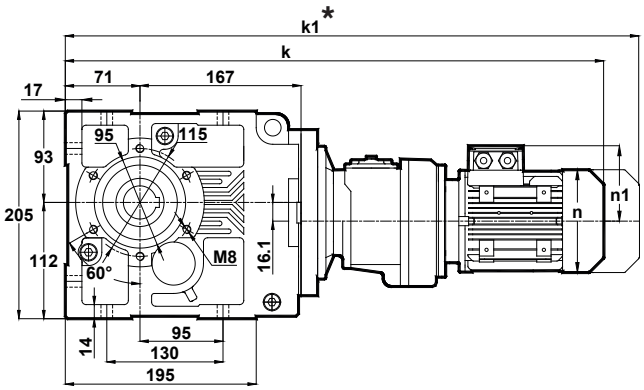
Please see on page 576 for optional flange dimensions

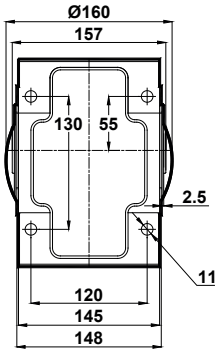
* Dimension " k1" is for motors with brake.

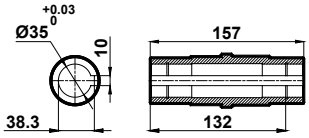


Tapped center hole to DIN 332, sheet 2

KR275.00
KR276.00

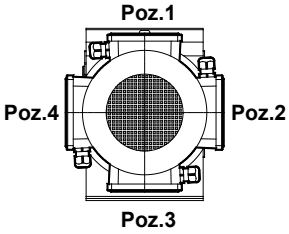






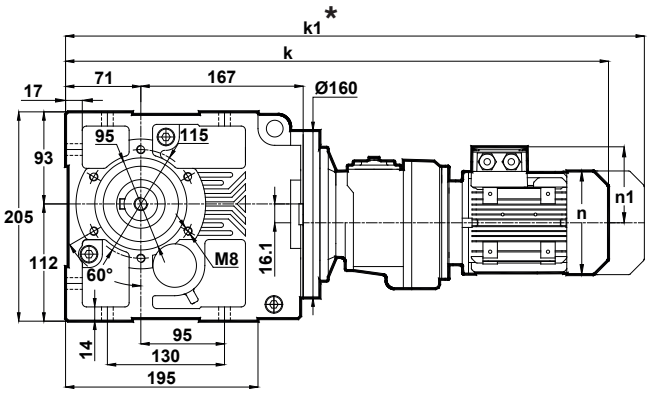
	63	71	80
k	581.5	610	644
k1	642.5	701	737
n	121	137	155
n1	97	112	123

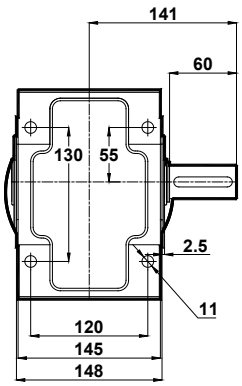
Terminal Box Positions

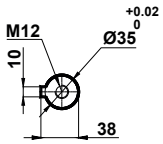


63-71-80
Type

KR275.01
KR276.01

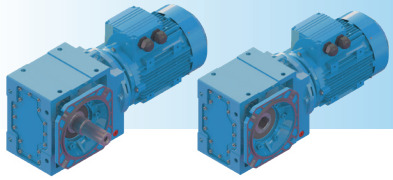






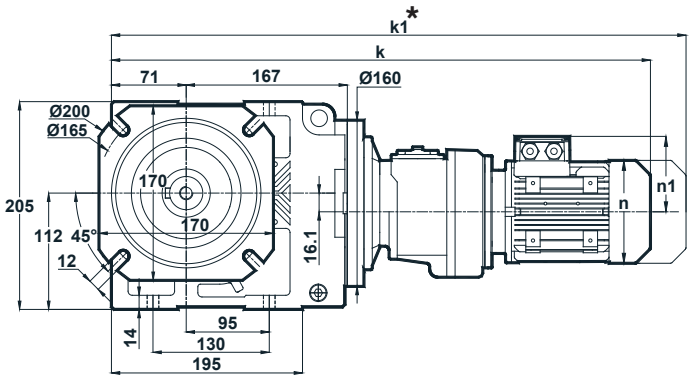
	63	71	80
k	581.5	610	644
k1	642.5	701	737
n	121	137	155
n1	97	112	123

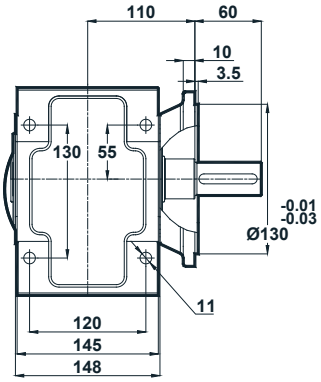
* Dimension " k1" is for motors with brake.

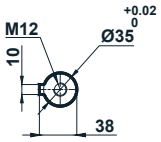


Tapped center hole to DIN 332, sheet 2

KR275.02
KR276.02

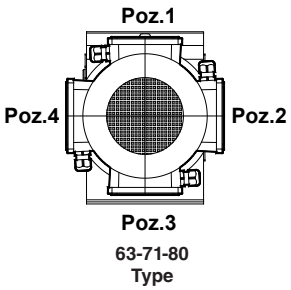






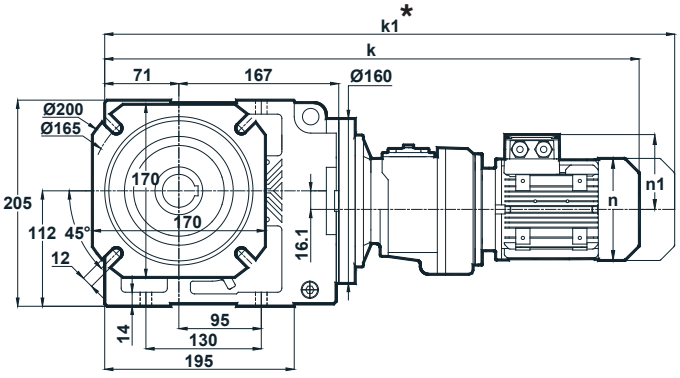
	63	71	80
k	581.5	610	644
k1	642.5	701	737
n	121	137	155
n1	97	112	123

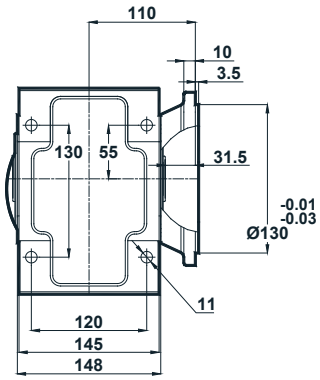
Terminal Box Positions

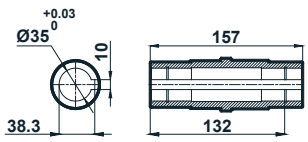


Please see on page 576 for optional flange dimensions

KR275.03
KR276.03



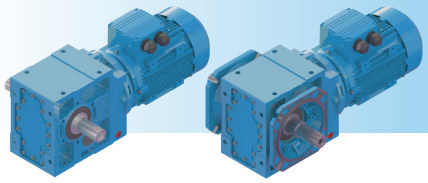




	63	71	80
k	581.5	610	644
k1	642.5	701	737
n	121	137	155
n1	97	112	123

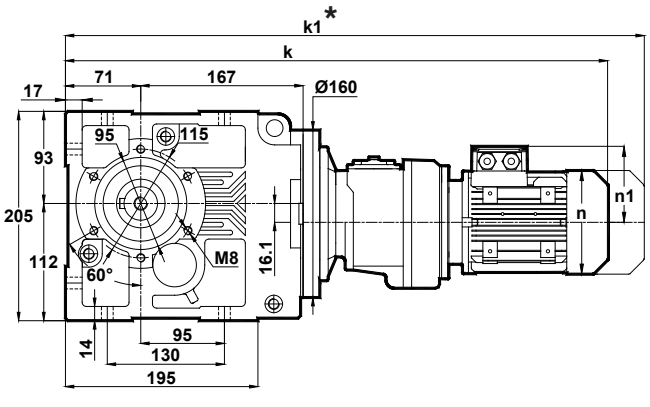
Please see on page 576 for optional flange dimensions

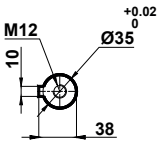
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

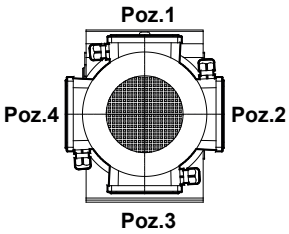
KR275.04
KR276.04





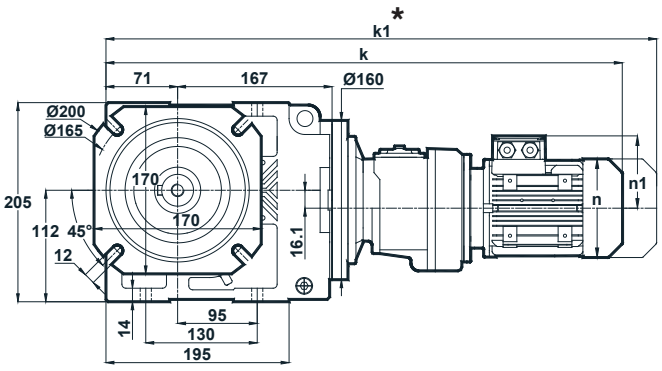
	63	71	80
k	581.5	610	644
k1	642.5	701	737
n	121	137	155
n1	97	112	123

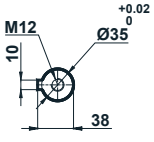
Terminal Box Positions



63-71-80
Type

KR275.05
KR276.05

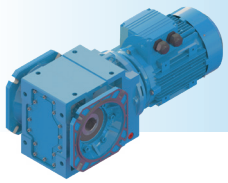




	63	71	80
k	581.5	610	644
k1	642.5	701	737
n	121	137	155
n1	97	112	123

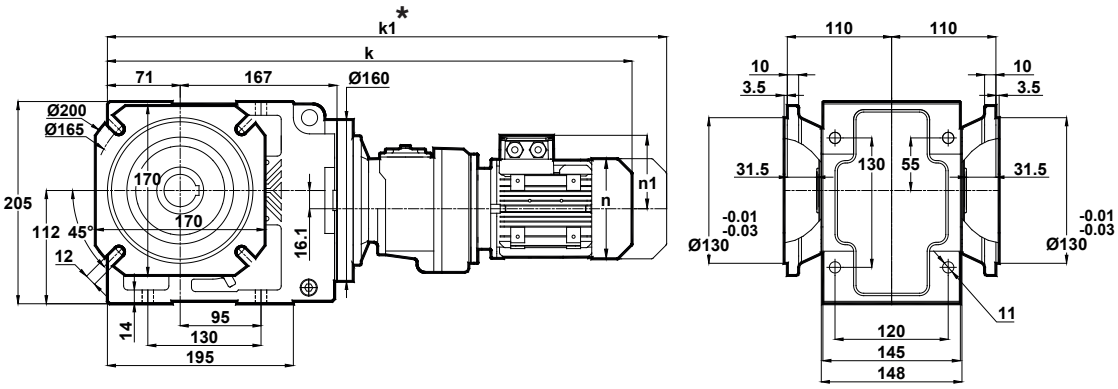
Please see on page 576 for optional flange dimensions

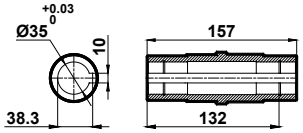
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

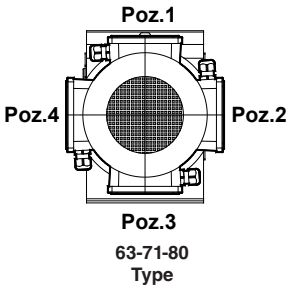
KR275.08
KR276.08





	63	71	80
k	581.5	610	644
k1	642.5	701	737
n	121	137	155
n1	97	112	123

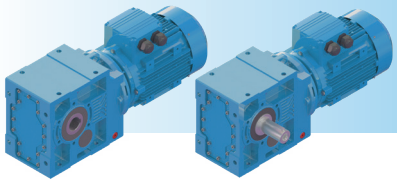
Terminal Box Positions



63-71-80 Type

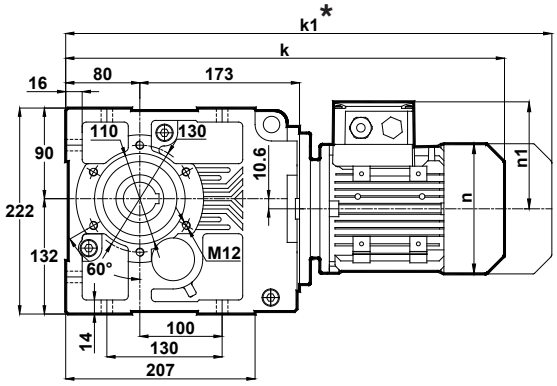
Please see on page 576 for optional flange dimensions

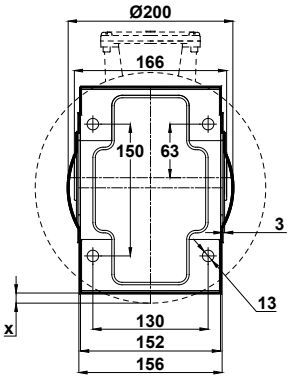
* Dimension " k1" is for motors with brake.

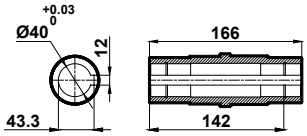


Tapped center hole to DIN 332, sheet 2

KR283.00

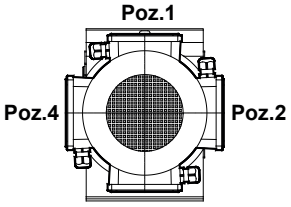






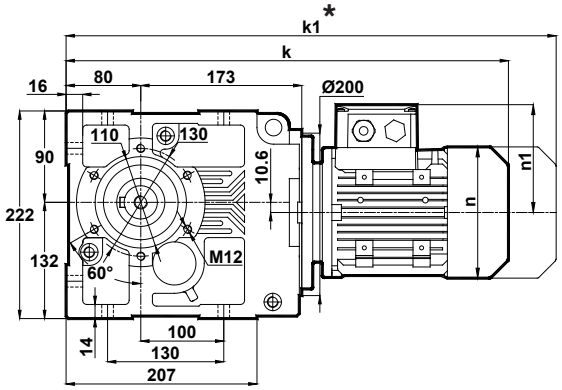
	71	80	90S	90L	100L	112M	132S	132M
k	465	499	538	538	586	610	696.5	696.5
k1	556	592	641.5	641.5	694.5	714.5	826.5	826.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	7.1	7.1

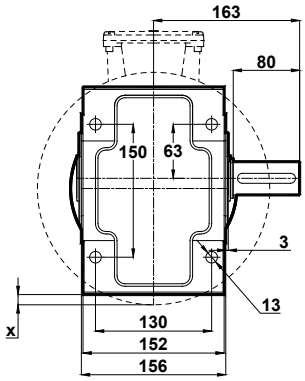
Terminal Box Positions

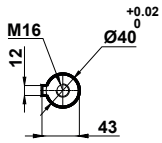


71-80-90-100-112-132
Type

KR283.01

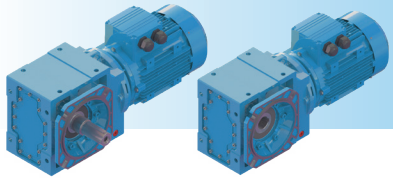






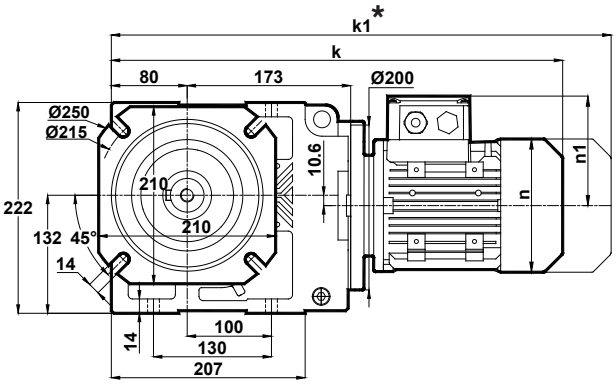
	71	80	90S	90L	100L	112M	132S	132M
k	465	499	538	538	586	610	696.5	696.5
k1	556	592	641.5	641.5	694.5	714.5	826.5	826.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	7.1	7.1

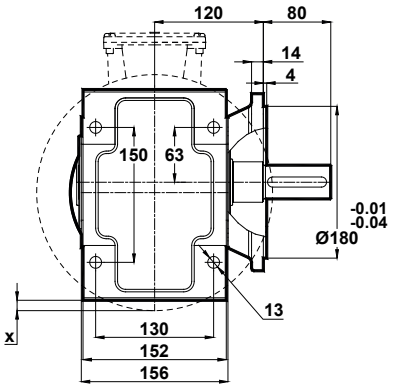
* Dimension " k1" is for motors with brake.

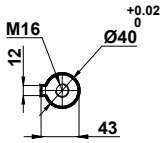


Tapped center hole to DIN 332, sheet 2

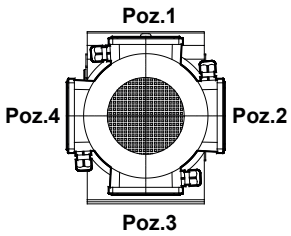
KR283.02







Terminal Box Positions

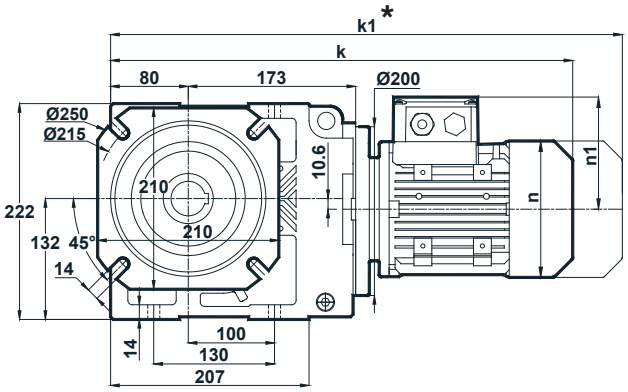


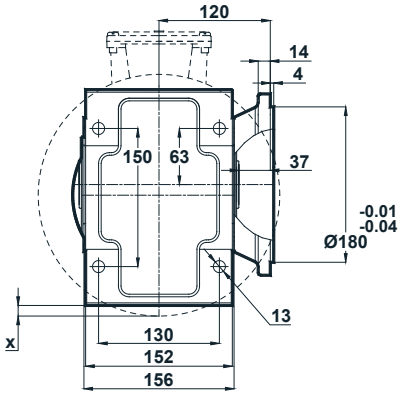
71-80-90-100-112-132
Type

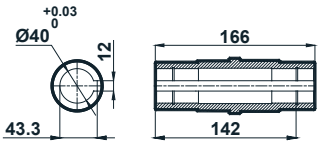
	71	80	90S	90L	100L	112M	132S	132M
k	465	499	538	538	586	610	696.5	696.5
k1	556	592	641.5	641.5	694.5	714.5	826.5	826.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	7.1	7.1

Please see on page 576 for optional flange dimensions

KR283.03



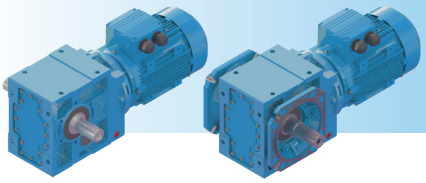




	71	80	90S	90L	100L	112M	132S	132M
k	465	499	538	538	586	610	696.5	696.5
k1	556	592	641.5	641.5	694.5	714.5	826.5	826.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	7.1	7.1

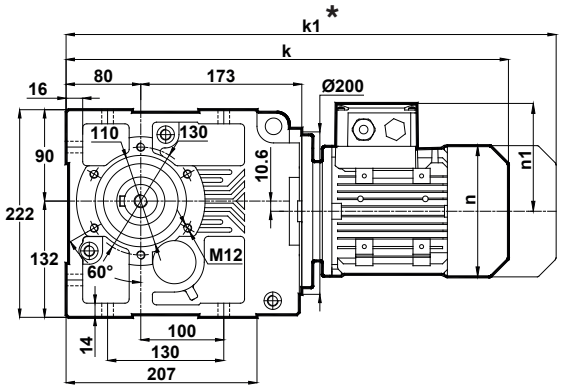
Please see on page 576 for optional flange dimensions

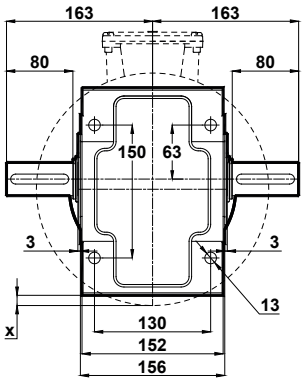
* Dimension " k1" is for motors with brake.

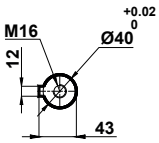


Tapped center hole to DIN 332, sheet 2

KR283.04

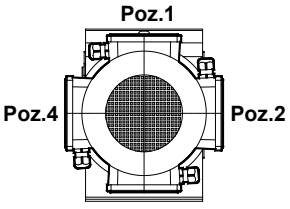






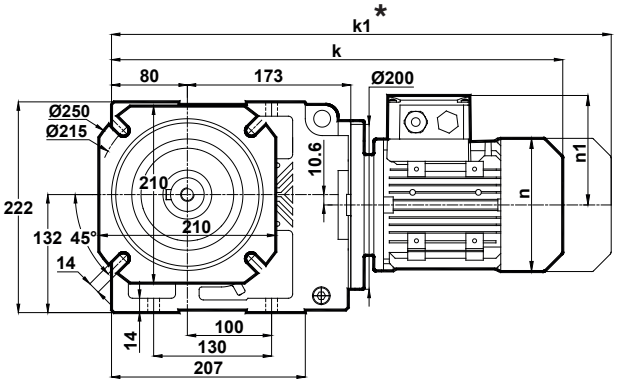
	71	80	90S	90L	100L	112M	132S	132M
k	465	499	538	538	586	610	696.5	696.5
k1	556	592	641.5	641.5	694.5	714.5	826.5	826.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	7.1	7.1

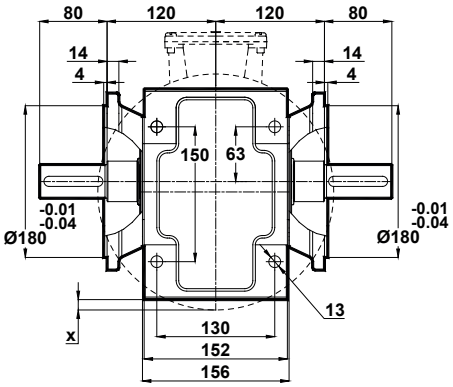
Terminal Box Positions

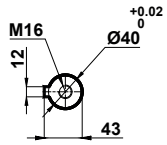


71-80-90-100-112-132
Type

KR283.05



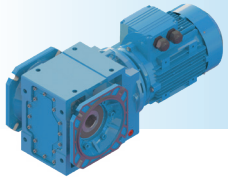




	71	80	90S	90L	100L	112M	132S	132M
k	465	499	538	538	586	610	696.5	696.5
k1	556	592	641.5	641.5	694.5	714.5	826.5	826.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	7.1	7.1

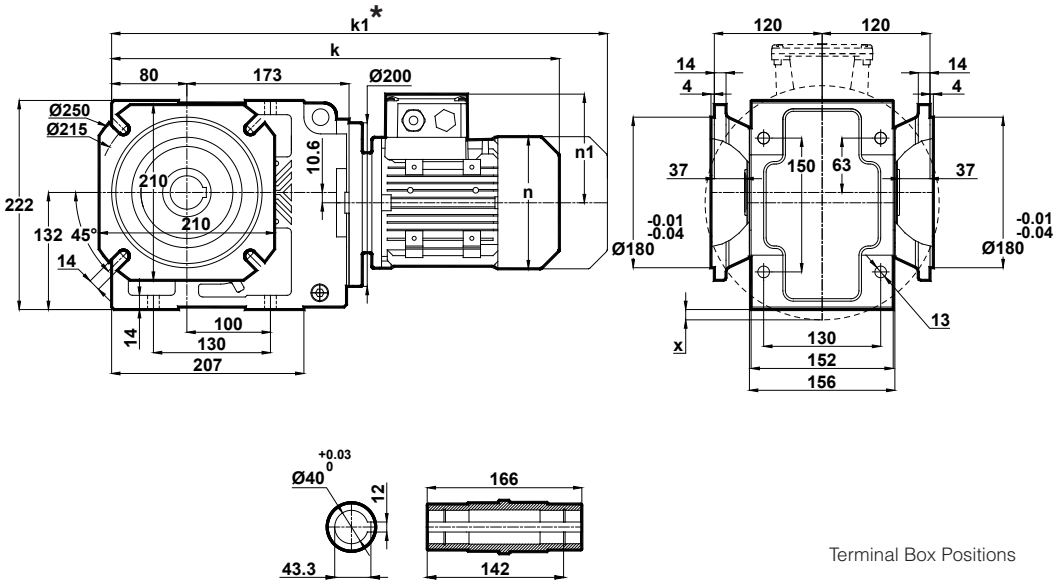
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



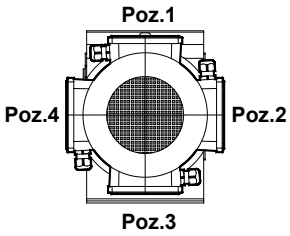
Tapped center hole to DIN 332, sheet 2

KR283.08



	71	80	90S	90L	100L	112M	132S	132M
k	465	499	538	538	586	610	696.5	696.5
k1	556	592	641.5	641.5	694.5	714.5	826.5	826.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	7.1	7.1

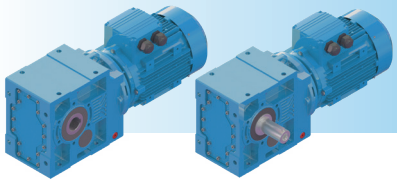
Terminal Box Positions



71-80-90-100-112-132 Type

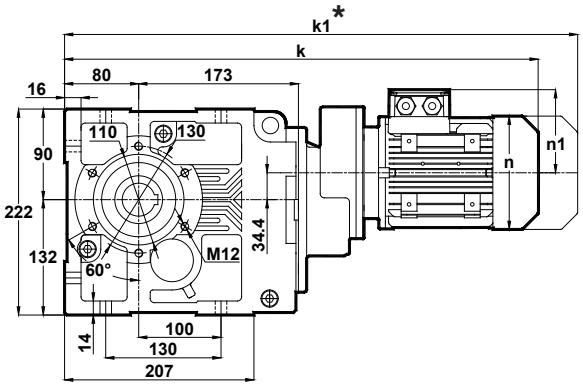
Please see on page 576 for optional flange dimensions

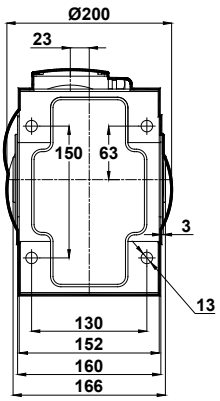
* Dimension " k1" is for motors with brake.

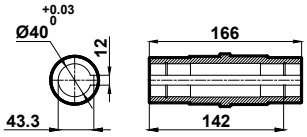


Tapped center hole to DIN 332, sheet 2

KR284.00

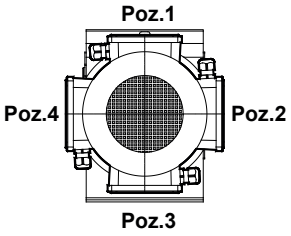






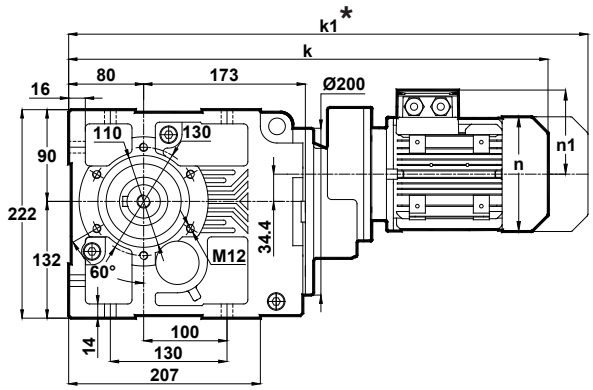
	63	71	80
k	517	544	578
k1	578	635	671
n	121	137	155
n1	97	112	123

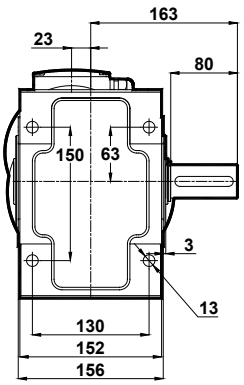
Terminal Box Positions

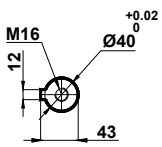


63-71-80
Type

KR284.01

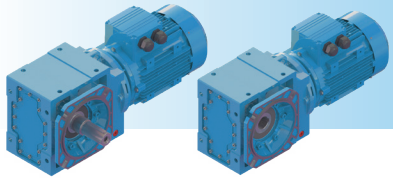






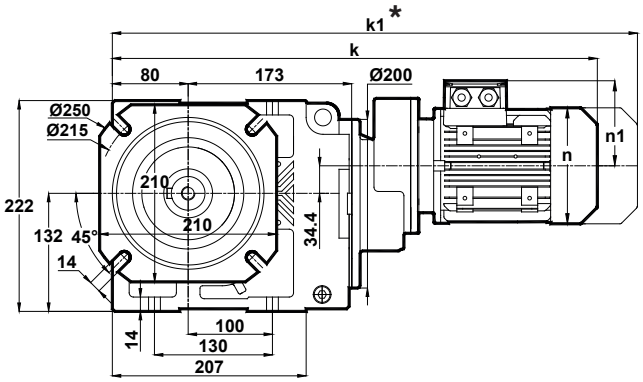
	63	71	80
k	517	544	578
k1	578	635	671
n	121	137	155
n1	97	112	123

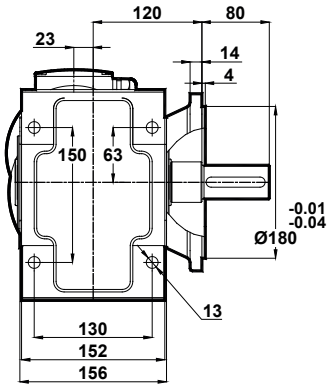
* Dimension " k1" is for motors with brake.

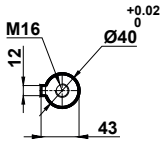


Tapped center hole to DIN 332, sheet 2

KR284.02

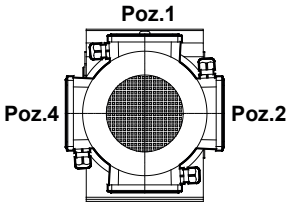






	63	71	80
k	517	544	578
k1	578	635	671
n	121	137	155
n1	97	112	123

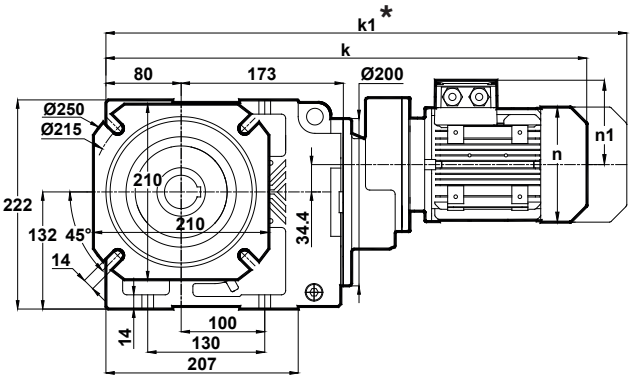
Terminal Box Positions

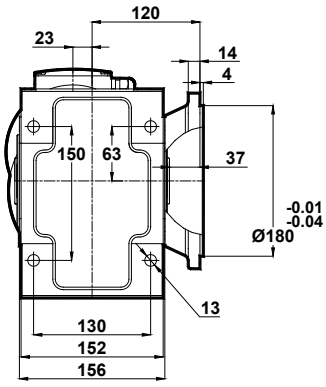


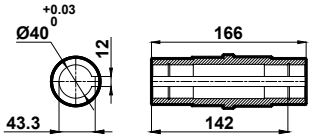
63-71-80
Type

Please see on page 576 for optional flange dimensions

KR284.03



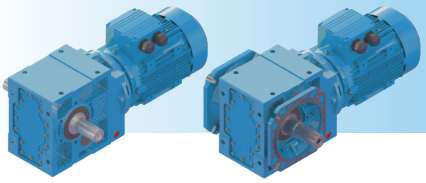




	63	71	80
k	517	544	578
k1	578	635	671
n	121	137	155
n1	97	112	123

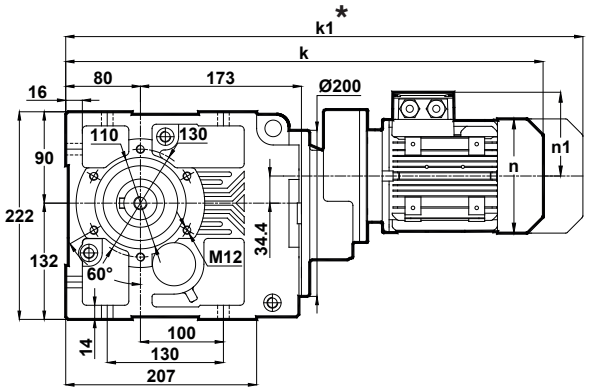
Please see on page 576 for optional flange dimensions

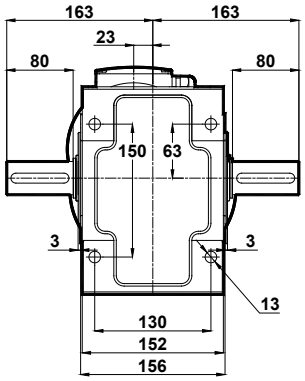
* Dimension " k1" is for motors with brake.

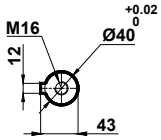


Tapped center hole to DIN 332, sheet 2

KR284.04

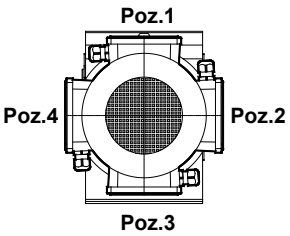






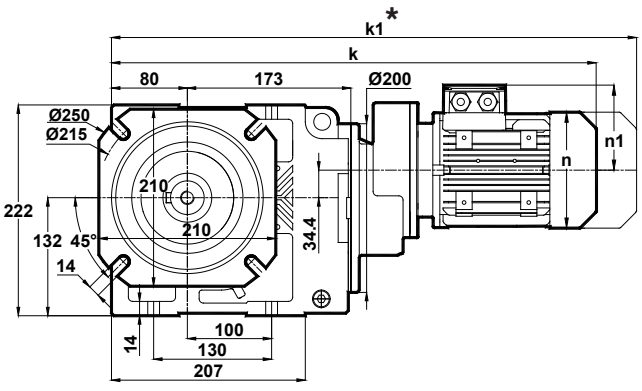
	63	71	80
k	517	544	578
k1	578	635	671
n	121	137	155
n1	97	112	123

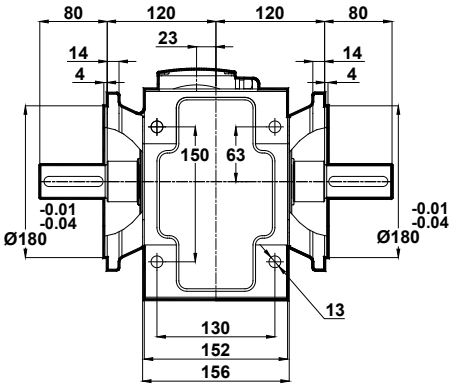
Terminal Box Positions

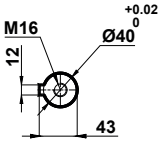


63-71-80
Type

KR284.05



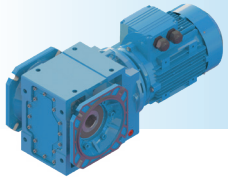




	63	71	80
k	517	544	578
k1	578	635	671
n	121	137	155
n1	97	112	123

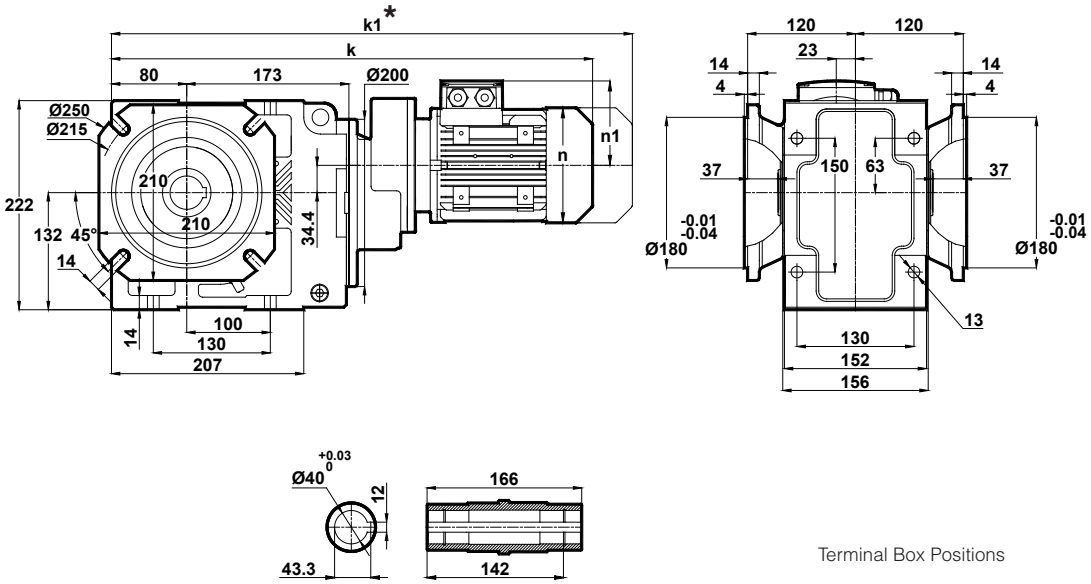
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



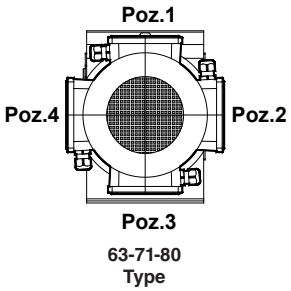
Tapped center hole to DIN 332, sheet 2

KR284.08



	63	71	80
k	517	544	578
k1	578	635	671
n	121	137	155
n1	97	112	123

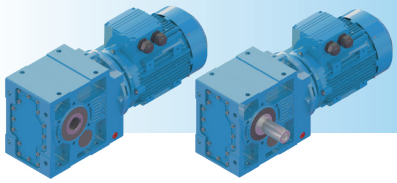
Terminal Box Positions



63-71-80 Type

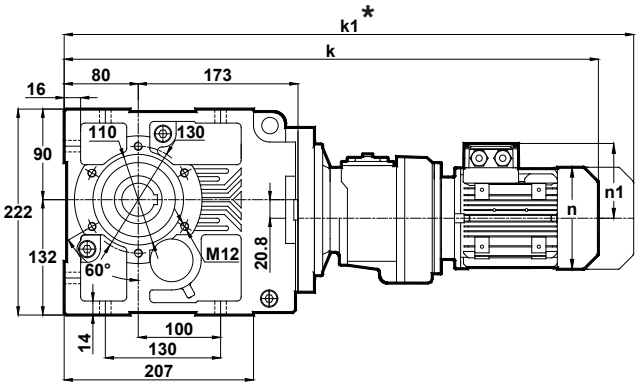
Please see on page 576 for optional flange dimensions

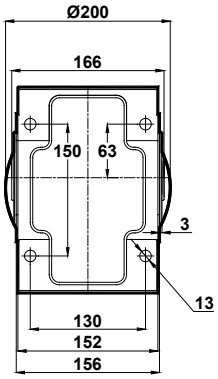
* Dimension " k1" is for motors with brake.

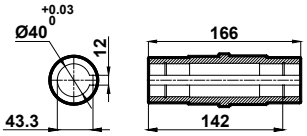


Tapped center hole to DIN 332, sheet 2

KR285.00
KR286.00

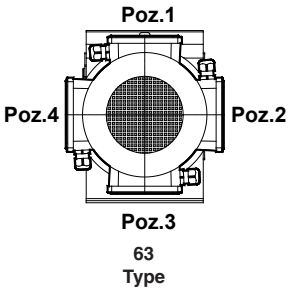




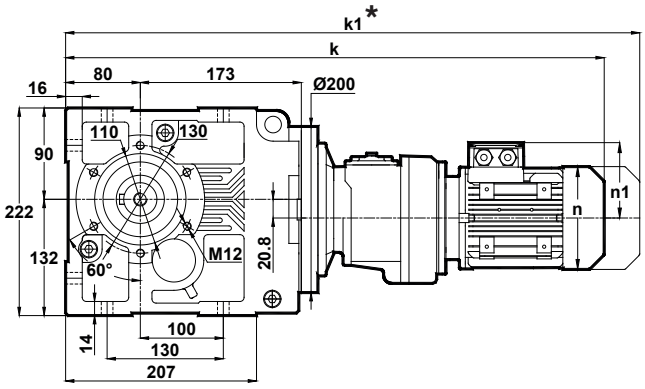


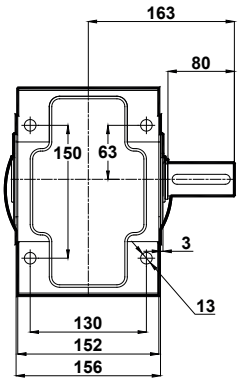
	63
k	621.5
k1	682.5
n	121
n1	97

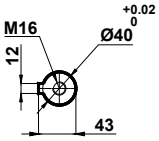
Terminal Box Positions



KR285.01
KR286.01

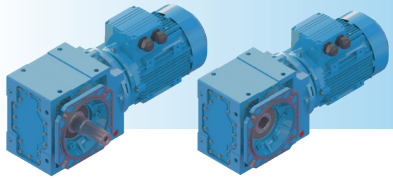






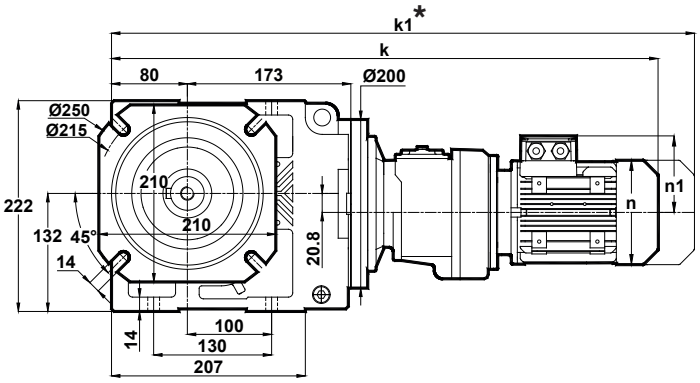
	63
k	621.5
k1	682.5
n	121
n1	97

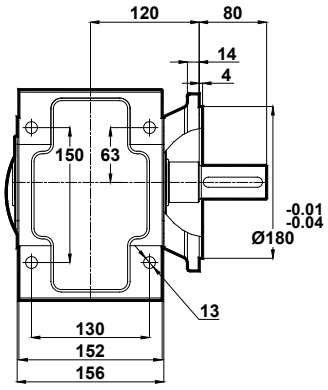
* Dimension " k1" is for motors with brake.

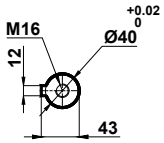


Tapped center hole to DIN 332, sheet 2

KR285.02
KR286.02

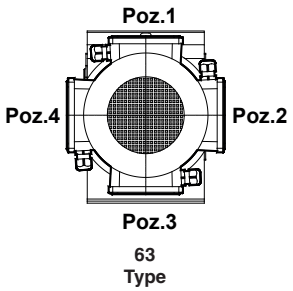






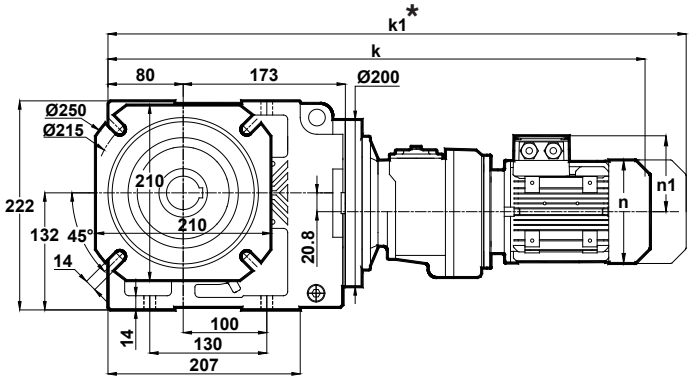
	63
k	621.5
k1	682.5
n	121
n1	97

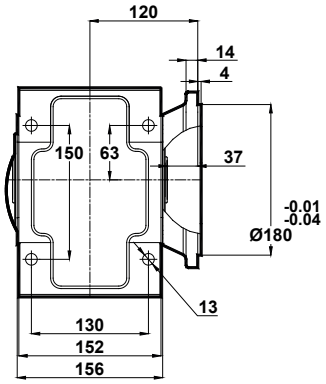
Terminal Box Positions

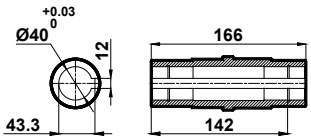


Please see on page 576 for optional flange dimensions

KR285.03
KR286.03



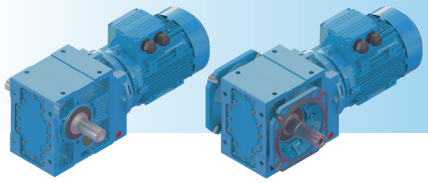




	63
k	621.5
k1	682.5
n	121
n1	97

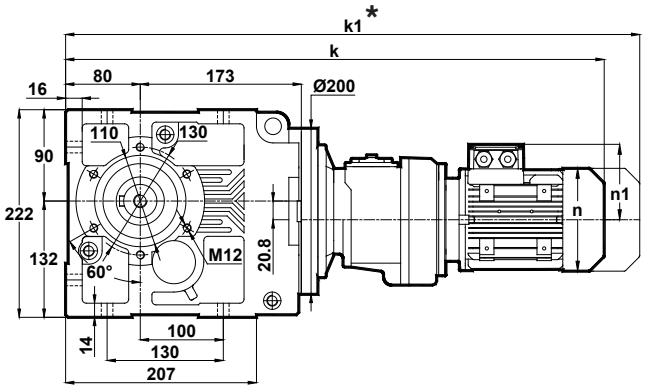
Please see on page 576 for optional flange dimensions

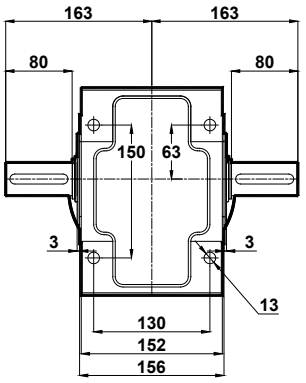
* Dimension " k1" is for motors with brake.

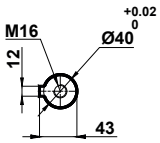


Tapped center hole to DIN 332, sheet 2

KR285.04
KR286.04

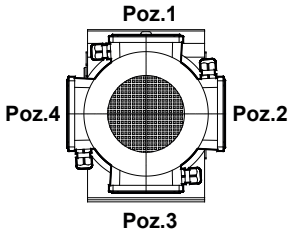






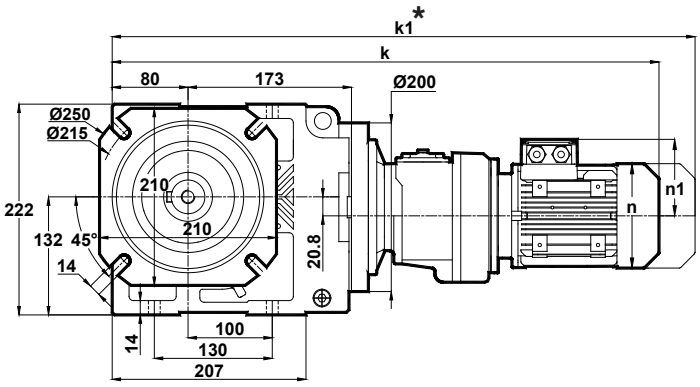
	63
k	621.5
k1	682.5
n	121
n1	97

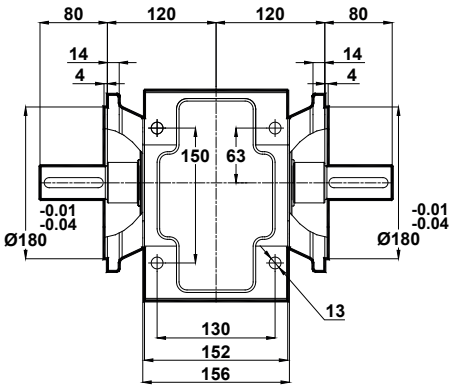
Terminal Box Positions

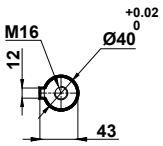


63
Type

KR285.05
KR286.05



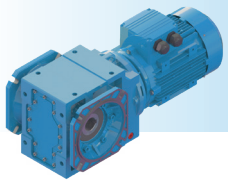




	63
k	621.5
k1	682.5
n	121
n1	97

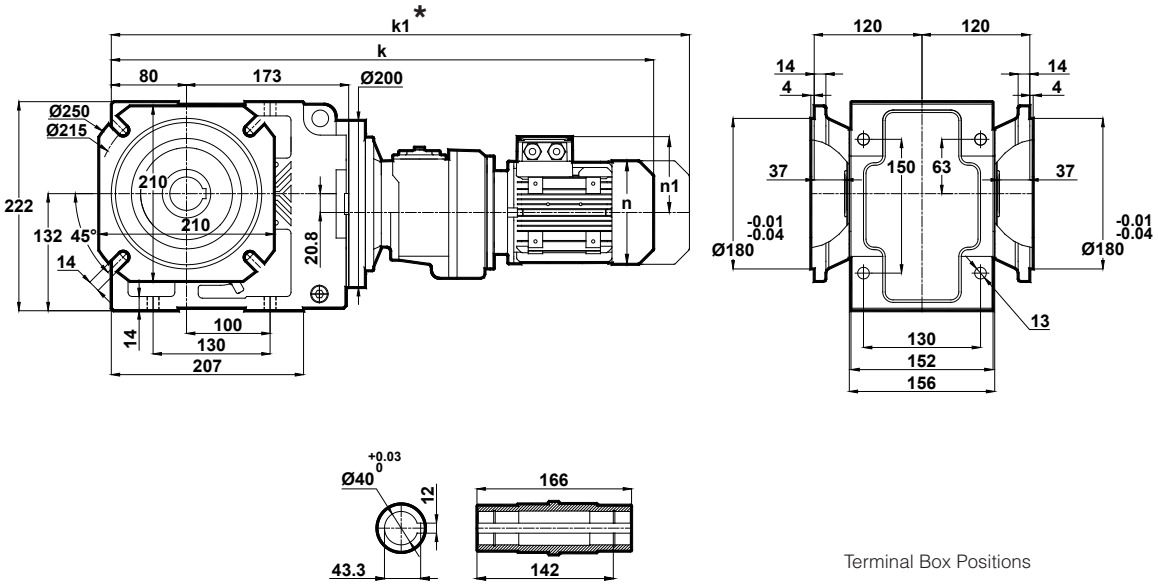
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



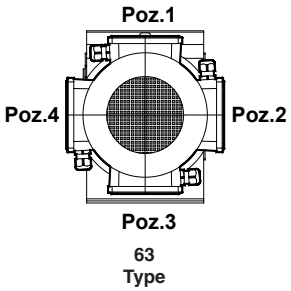
Tapped center hole to DIN 332, sheet 2

KR285.08
KR286.08



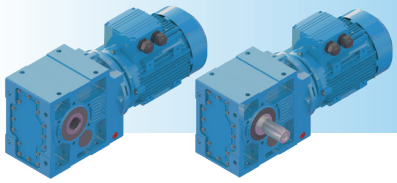
	63
k	621.5
k1	682.5
n	121
n1	97

Terminal Box Positions



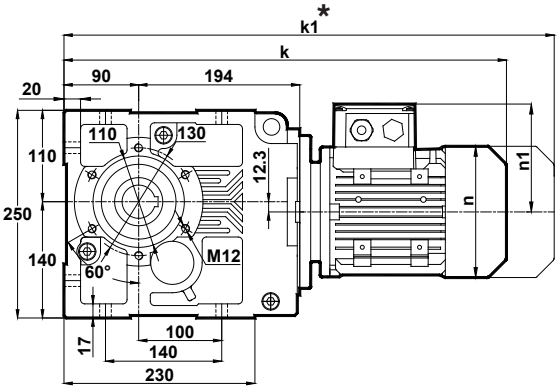
Please see on page 576 for optional flange dimensions

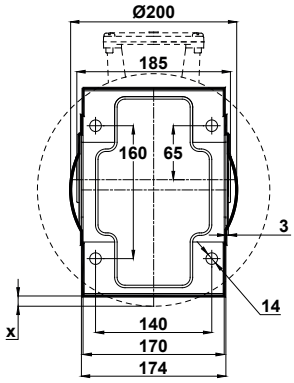
* Dimension " k1" is for motors with brake.



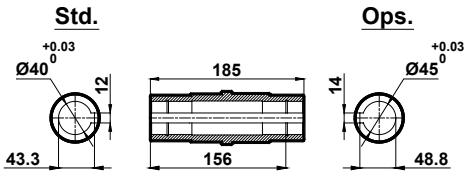
Tapped center hole to DIN 332, sheet 2

KR373.00

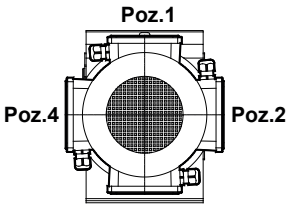




x: If Motor is lower than foot mounting plane



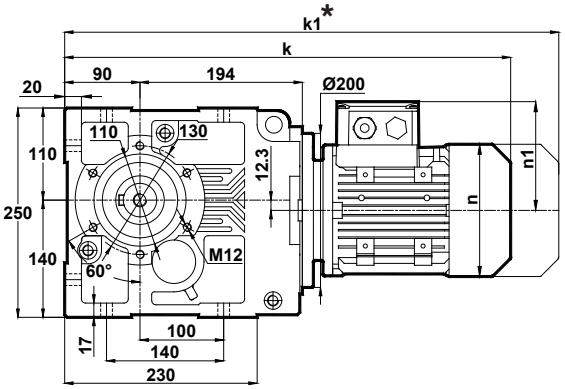
Terminal Box Positions

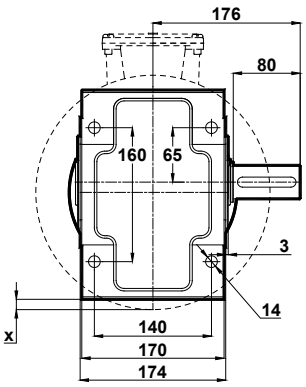


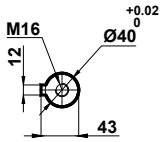
71-80-90-100-112-132
Type

	71	80	90S	90L	100L	112M	132S	132M
k	496	530	569	569	617	641	727.5	727.5
k1	587	623	672.5	672.5	725.5	745.5	857.5	857.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	0.8	0.8

KR373.01



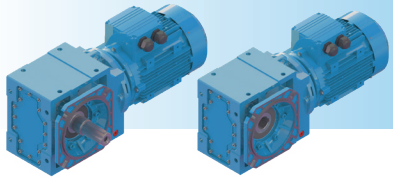




x: If Motor is lower than foot mounting plane

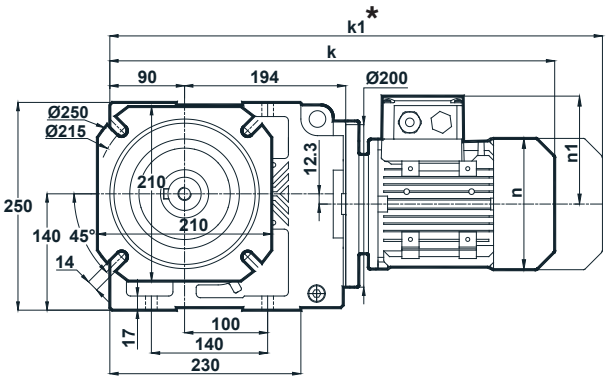
	71	80	90S	90L	100L	112M	132S	132M
k	496	530	569	569	617	641	727.5	727.5
k1	587	623	672.5	672.5	725.5	745.5	857.5	857.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	0.8	0.8

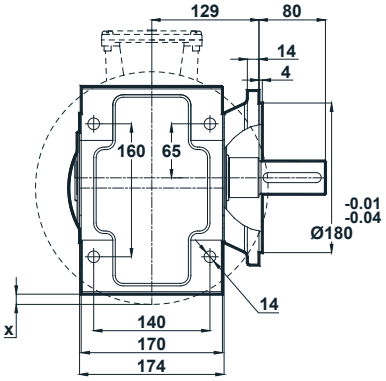
* Dimension " k1" is for motors with brake.



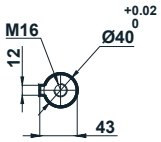
Tapped center hole to DIN 332, sheet 2

KR373.02

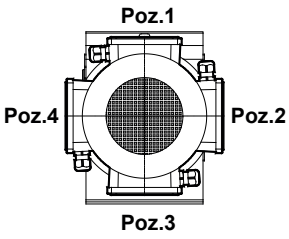




x: If Motor is lower than foot mounting plane



Terminal Box Positions

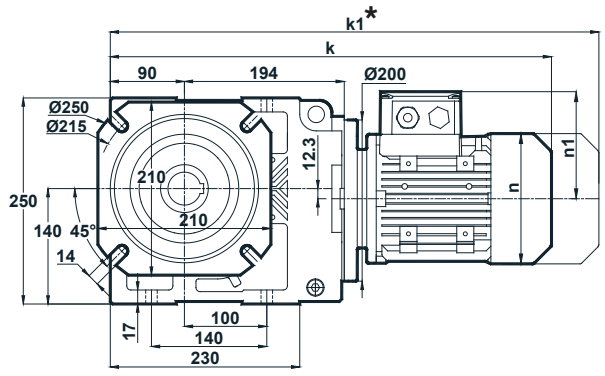


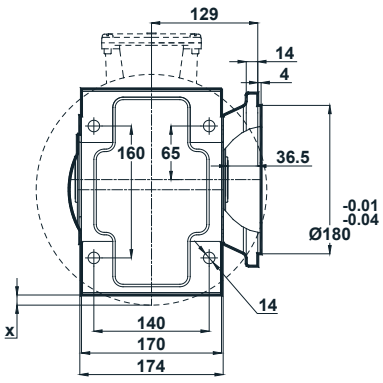
71-80-90-100-112-132
Type

Please see on page 576 for optional flange dimensions

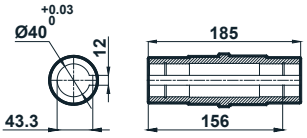
	71	80	90S	90L	100L	112M	132S	132M
k	496	530	569	569	617	641	727.5	727.5
k1	587	623	672.5	672.5	725.5	745.5	857.5	857.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	0.8	0.8

KR373.03

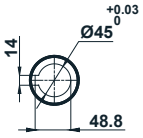




Std.



Ops.

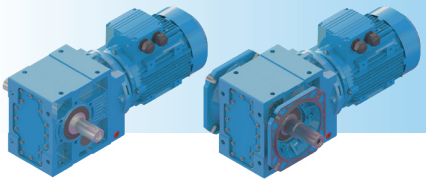


x: If Motor is lower than foot mounting plane

	71	80	90S	90L	100L	112M	132S	132M
k	496	530	569	569	617	641	727.5	727.5
k1	587	623	672.5	672.5	725.5	745.5	857.5	857.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	0.8	0.8

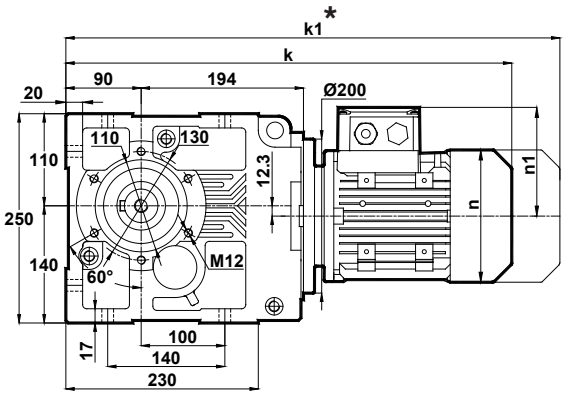
Please see on page 576 for optional flange dimensions

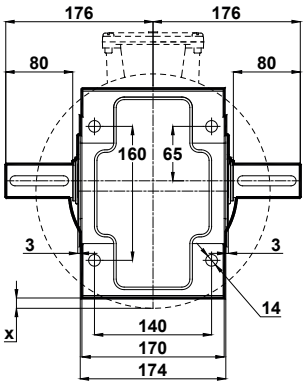
* Dimension " k1" is for motors with brake.



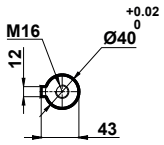
Tapped center hole to DIN 332, sheet 2

KR373.04

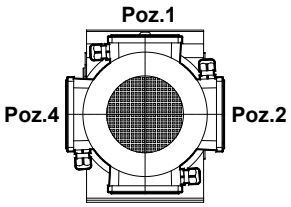




x: If Motor is lower than foot mounting plane



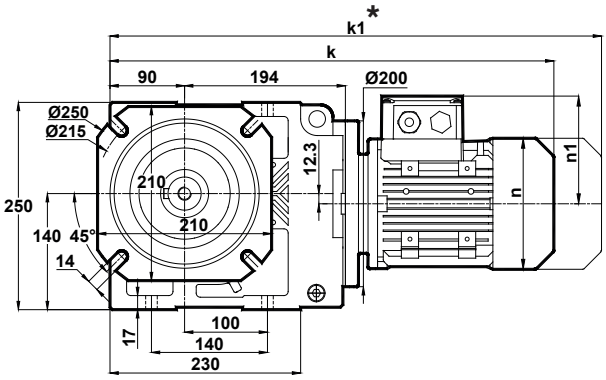
Terminal Box Positions

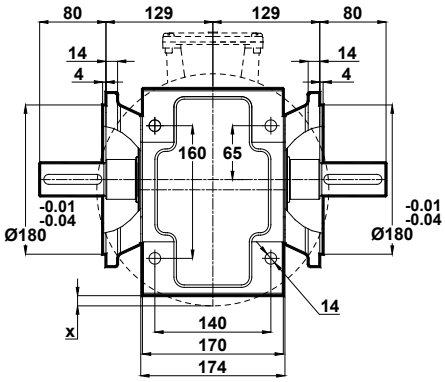


71-80-90-100-112-132 Type

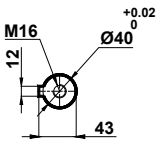
	71	80	90S	90L	100L	112M	132S	132M
k	496	530	569	569	617	641	727.5	727.5
k1	587	623	672.5	672.5	725.5	745.5	857.5	857.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	0.8	0.8

KR373.05





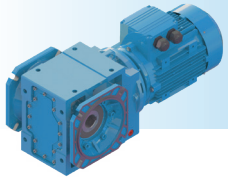
x: If Motor is lower than foot mounting plane



	71	80	90S	90L	100L	112M	132S	132M
k	496	530	569	569	617	641	727.5	727.5
k1	587	623	672.5	672.5	725.5	745.5	857.5	857.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	0.8	0.8

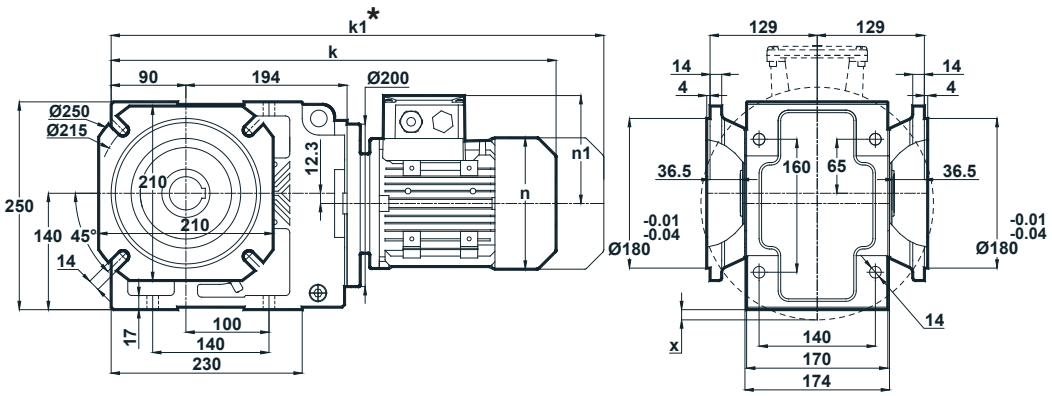
Please see on page 576 for optional flange dimensions

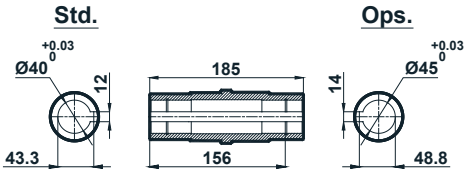
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

KR373.08

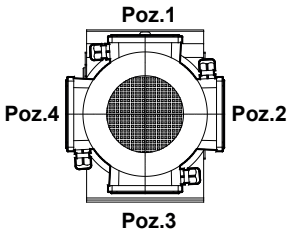




x: If Motor is lower than foot mounting plane

	71	80	90S	90L	100L	112M	132S	132M
k	496	530	569	569	617	641	727.5	727.5
k1	587	623	672.5	672.5	725.5	745.5	857.5	857.5
n	137	155	176	176	193	215	257	257
n1	112	123	132	132	149	161	181	181
x	-	-	-	-	-	-	0.8	0.8

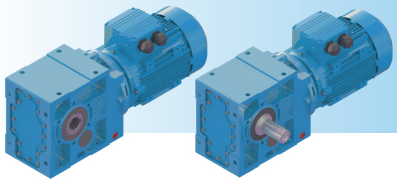
Terminal Box Positions



71-80-90-100-112-132
Type

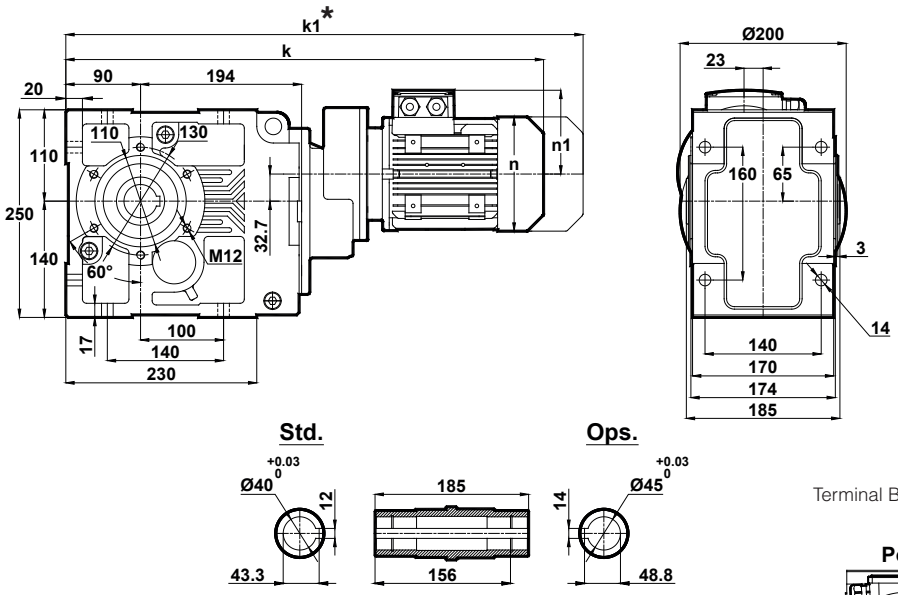
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

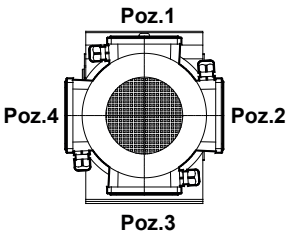


Tapped center hole to DIN 332, sheet 2

KR374.00



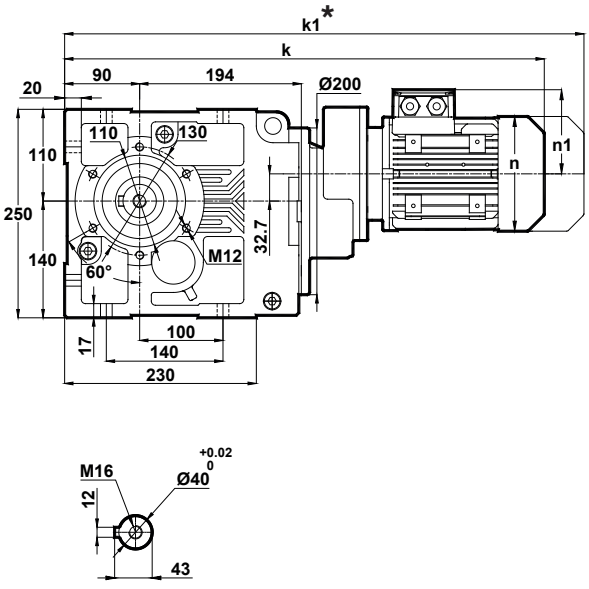
Terminal Box Positions



63-71-80
Type

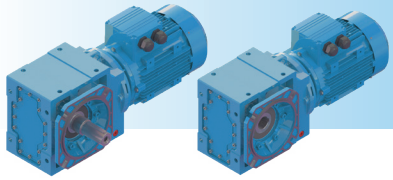
	63	71	80
k	548	575	609
k1	609	666	702
n	121	137	155
n1	97	112	123

KR374.01



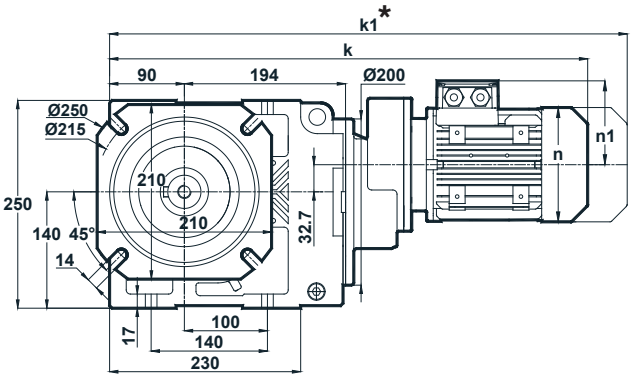
	63	71	80
k	548	575	609
k1	609	666	702
n	121	137	155
n1	97	112	123

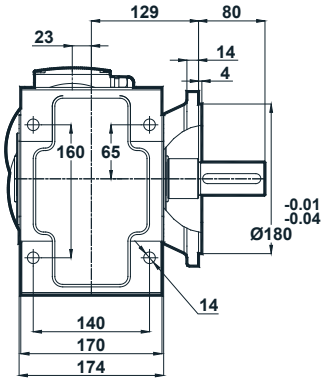
* Dimension " k1" is for motors with brake.

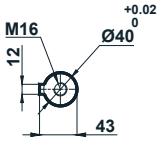


Tapped center hole to DIN 332, sheet 2

KR374.02

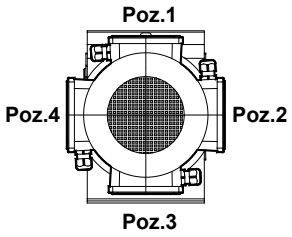






	63	71	80
k	548	575	609
k1	609	666	702
n	121	137	155
n1	97	112	123

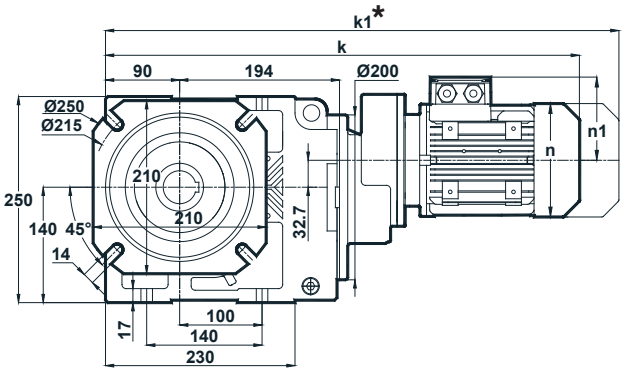
Terminal Box Positions

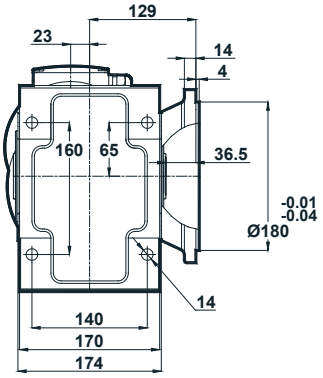


63-71-80
Type

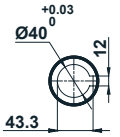
Please see on page 576 for optional flange dimensions

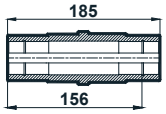
KR374.03



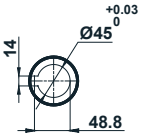


Std.





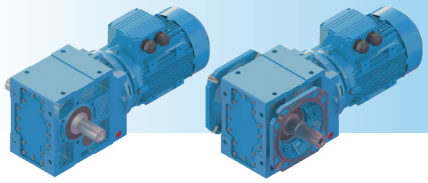
Ops.



	63	71	80
k	548	575	609
k1	609	666	702
n	121	137	155
n1	97	112	123

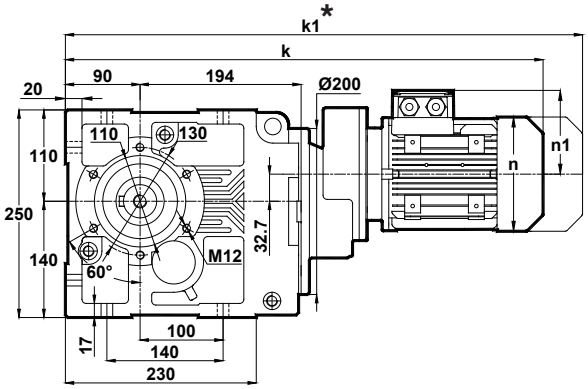
Please see on page 576 for optional flange dimensions

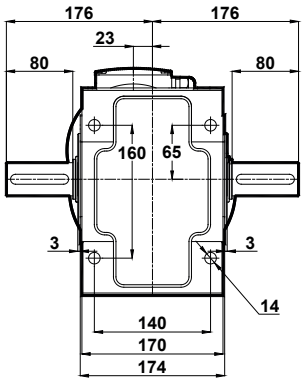
* Dimension " k1" is for motors with brake.

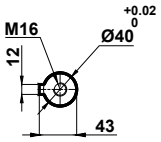


Tapped center hole to DIN 332, sheet 2

KR374.04

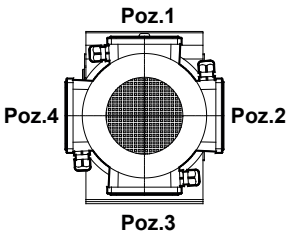






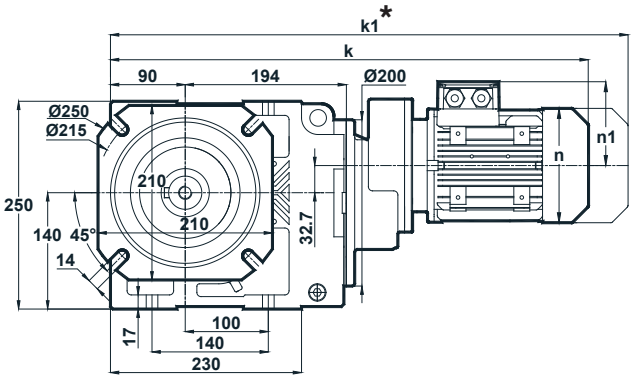
	63	71	80
k	548	575	609
k1	609	666	702
n	121	137	155
n1	97	112	123

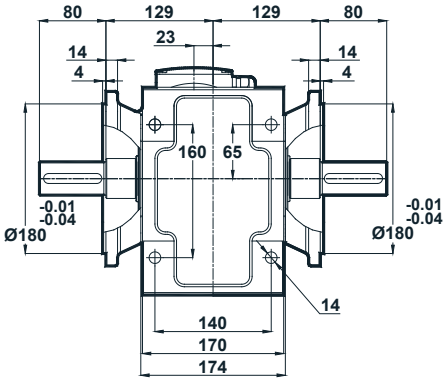
Terminal Box Positions

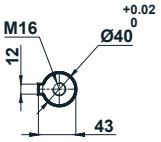


63-71-80
Type

KR374.05



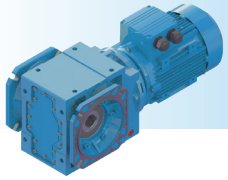




	63	71	80
k	548	575	609
k1	609	666	702
n	121	137	155
n1	97	112	123

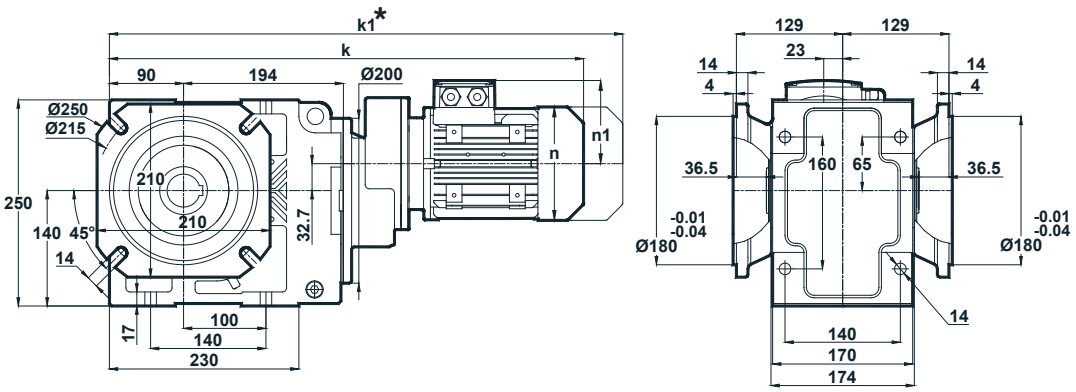
Please see on page 576 for optional flange dimensions

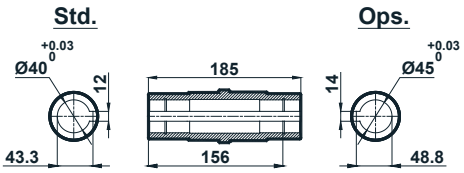
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

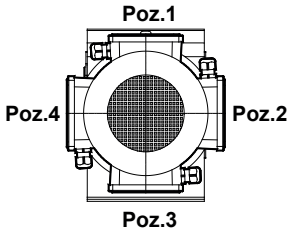
KR374.08





	63	71	80
k	548	575	609
k1	609	666	702
n	121	137	155
n1	97	112	123

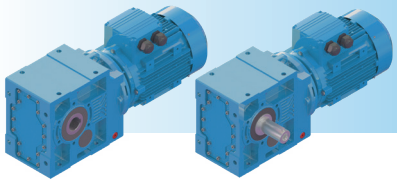
Terminal Box Positions



63-71-80
Type

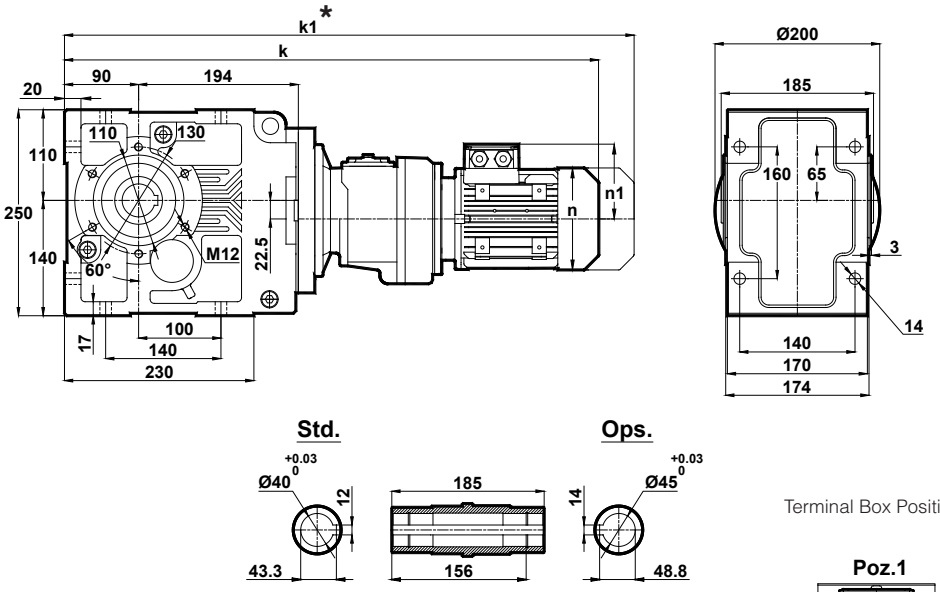
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



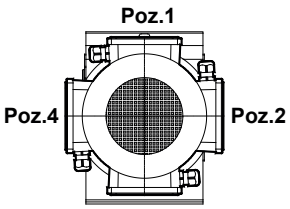
Tapped center hole to DIN 332, sheet 2

KR375.00
KR376.00



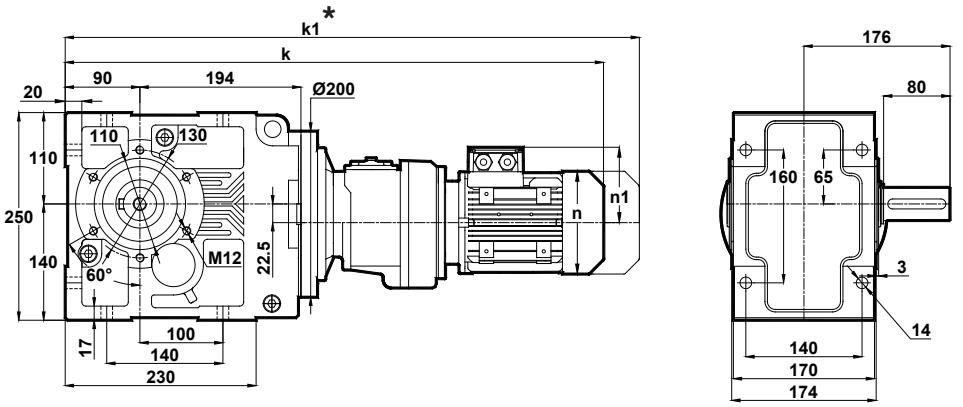
	63	71
k	652.5	678.5
k1	713.5	769.5
n	121	137
n1	97	112

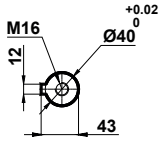
Terminal Box Positions



63-71
Type

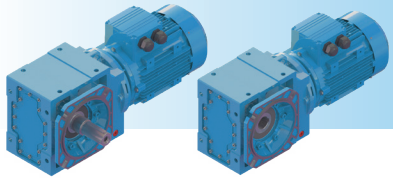
KR375.01
KR376.01





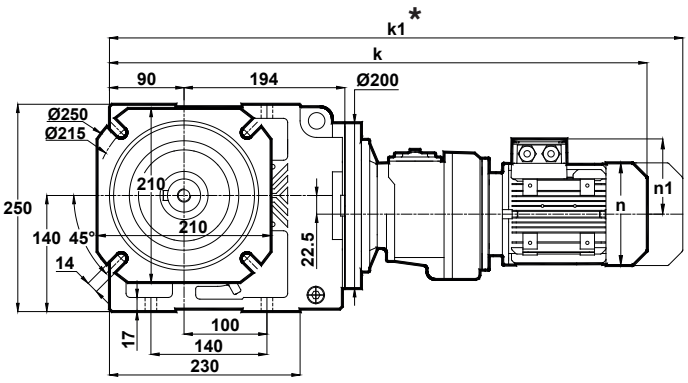
	63	71
k	652.5	678.5
k1	713.5	769.5
n	121	137
n1	97	112

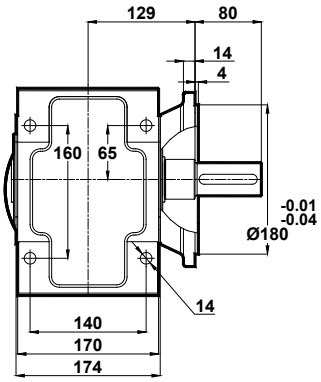
* Dimension " k1" is for motors with brake.

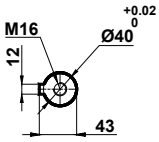


Tapped center hole to DIN 332, sheet 2

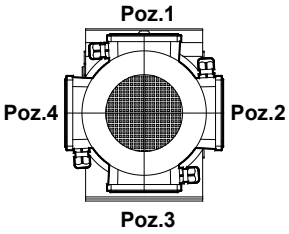
KR375.02
KR376.02







Terminal Box Positions

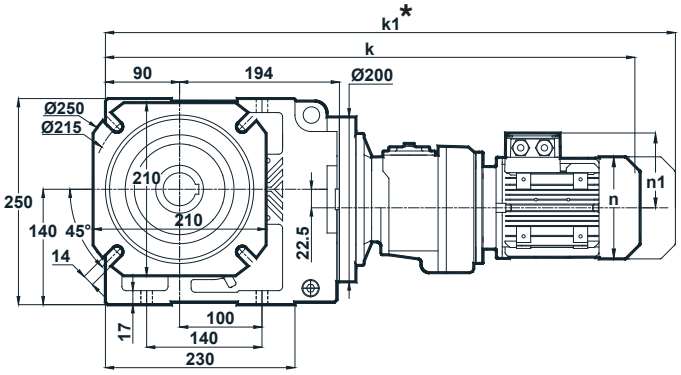


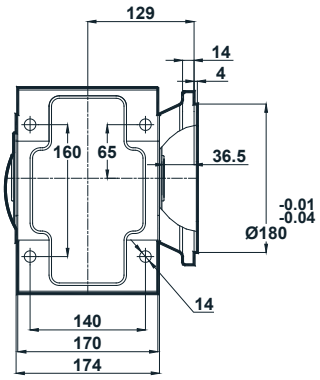
63-71
Type

Please see on page 576 for optional flange dimensions

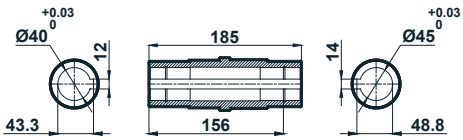
	63	71
k	652.5	678.5
k1	713.5	769.5
n	121	137
n1	97	112

KR375.03
KR376.03





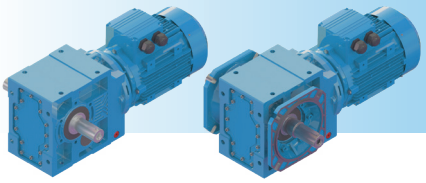
Std. **Ops.**



	63	71
k	652.5	678.5
k1	713.5	769.5
n	121	137
n1	97	112

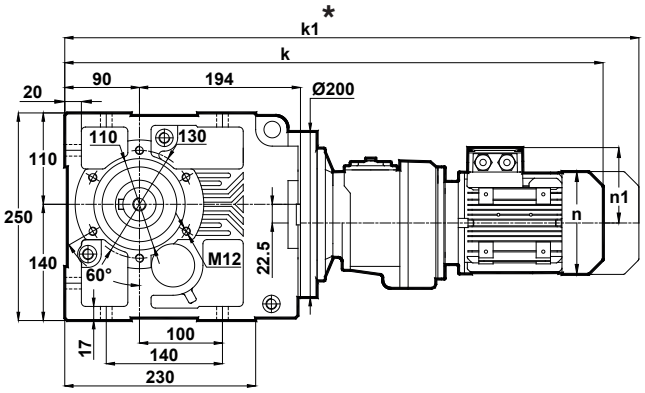
Please see on page 576 for optional flange dimensions

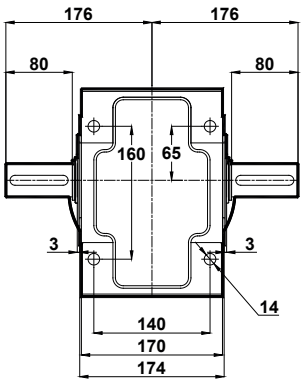
* Dimension " k1" is for motors with brake.

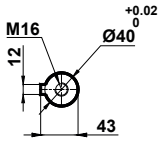


Tapped center hole to DIN 332, sheet 2

KR375.04
KR376.04

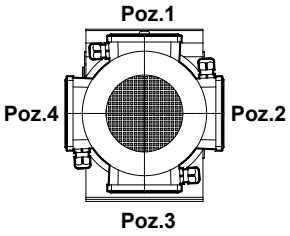






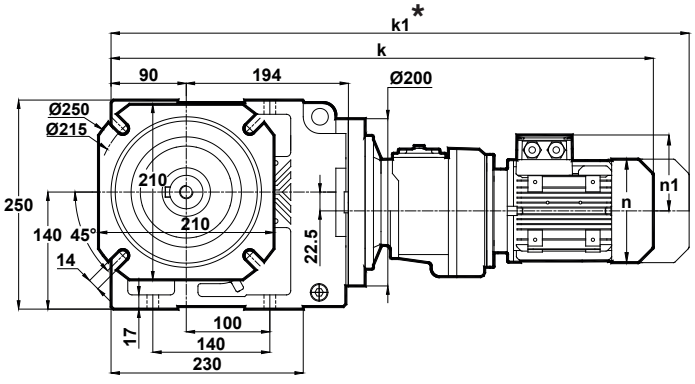
	63	71
k	652.5	678.5
k1	713.5	769.5
n	121	137
n1	97	112

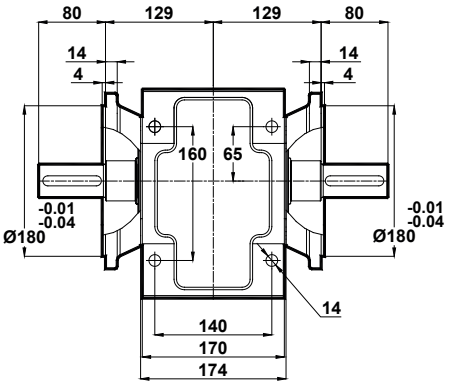
Terminal Box Positions

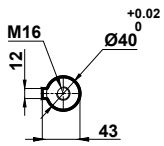


63-71
Type

KR375.05
KR376.05



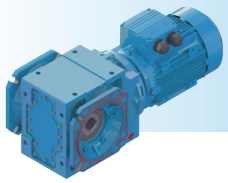




	63	71
k	652.5	678.5
k1	713.5	769.5
n	121	137
n1	97	112

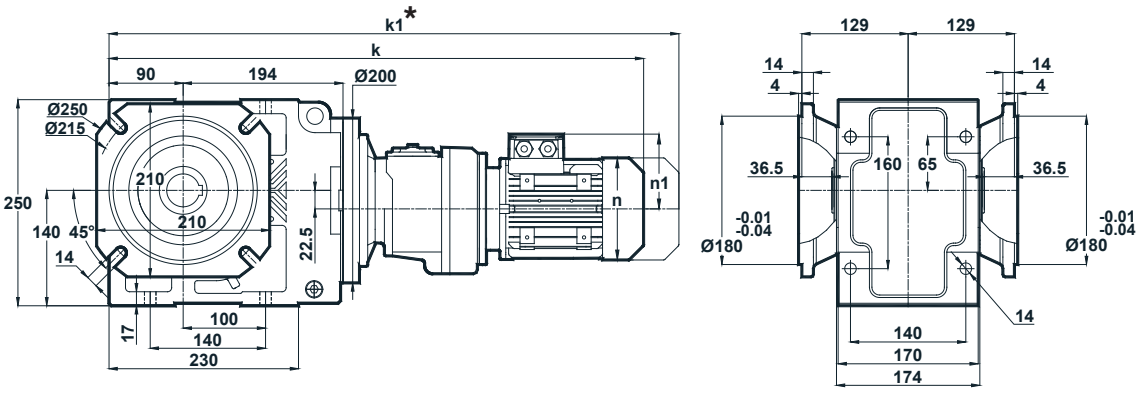
Please see on page 576 for optional flange dimensions

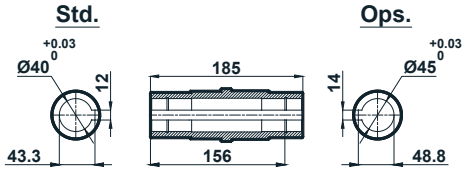
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

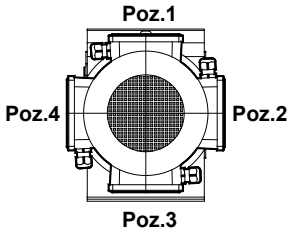
KR375.08
KR376.08





	63	71
k	652.5	678.5
k1	713.5	769.5
n	121	137
n1	97	112

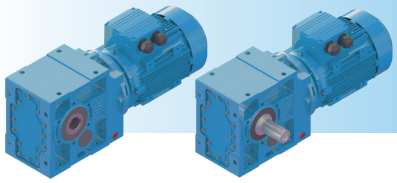
Terminal Box Positions



63-71
Type

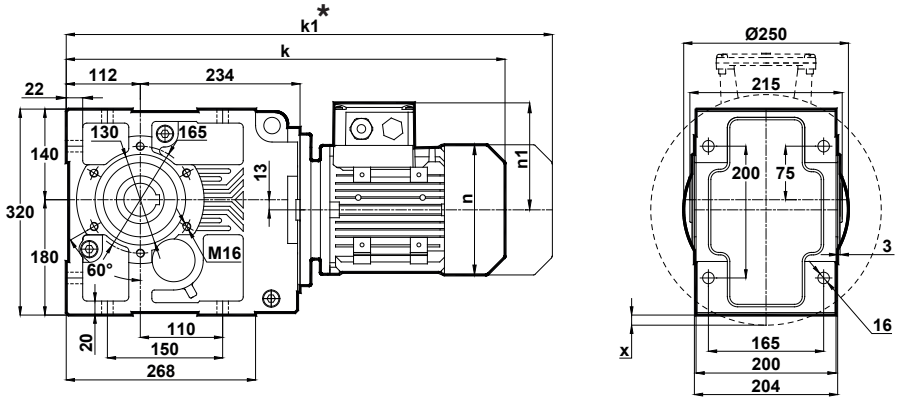
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

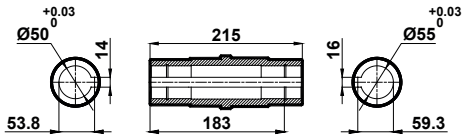


Tapped center hole to DIN 332, sheet 2

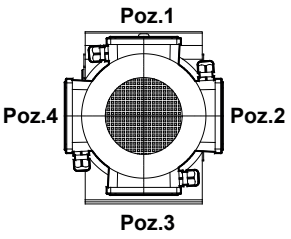
KR473.00



x: If Motor is lower than foot mounting plane



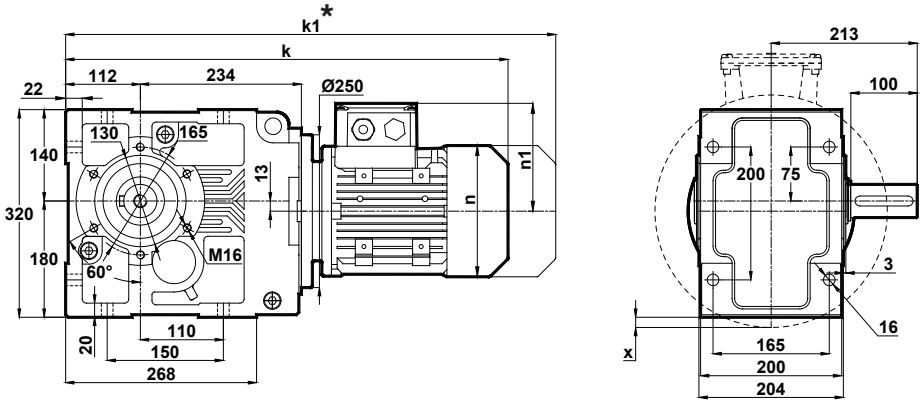
Terminal Box Positions



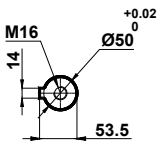
80-90-100-112-132-160-180 Type

	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L
k	586.5	625.5	625.5	670.5	694.5	779.5	779.5	875.5	875.5	947.5	947.5
k1	679.5	729	729	779	799	909.5	909.5	1023.5	1023.5	1106	1106
n	155	176	176	193	215	257	257	316	316	348	348
n1	123	132	132	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-	-	6.5	6.5

KR473.01

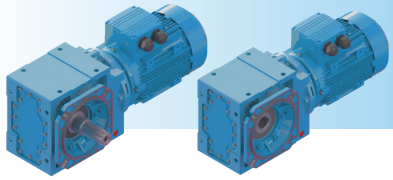


x: If Motor is lower than foot mounting plane



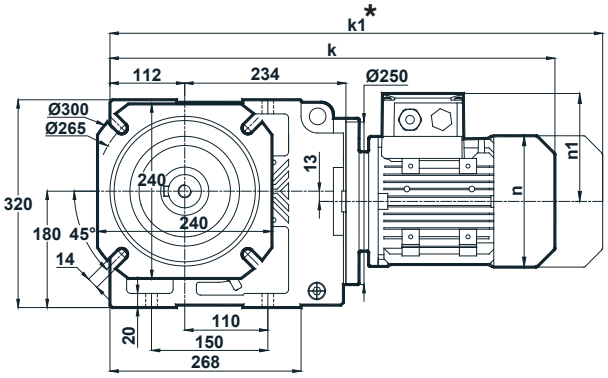
	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L
k	586.5	625.5	625.5	670.5	694.5	779.5	779.5	875.5	875.5	947.5	947.5
k1	679.5	729	729	779	799	909.5	909.5	1023.5	1023.5	1106	1106
n	155	176	176	193	215	257	257	316	316	348	348
n1	123	132	132	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-	-	6.5	6.5

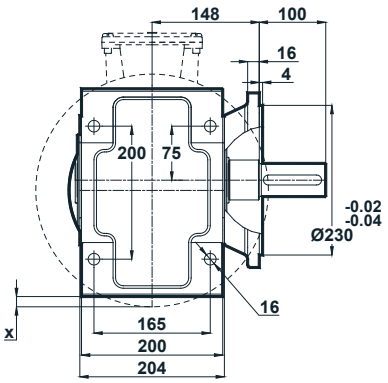
* Dimension " k1" is for motors with brake.



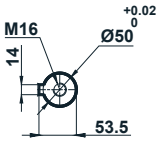
Tapped center hole to DIN 332, sheet 2

KR473.02

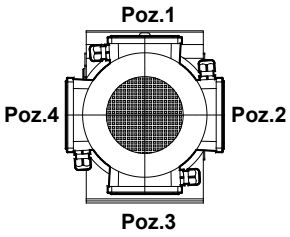




x: If Motor is lower than foot mounting plane



Terminal Box Positions

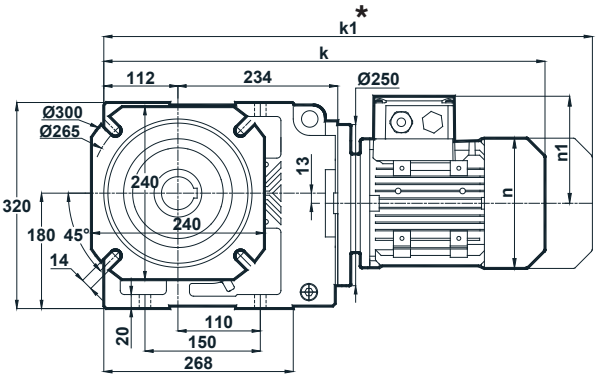


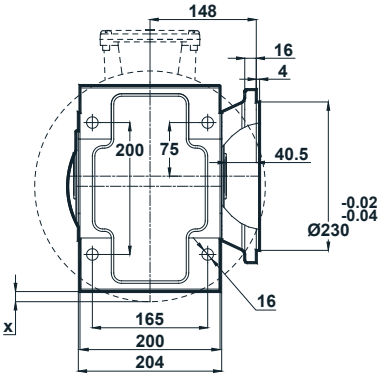
80-90-100-112-132-160-180
Type

	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L
k	586.5	625.5	625.5	670.5	694.5	779.5	779.5	875.5	875.5	947.5	947.5
k1	679.5	729	729	779	799	909.5	909.5	1023.5	1023.5	1106	1106
n	155	176	176	193	215	257	257	316	316	348	348
n1	123	132	132	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-	-	6.5	6.5

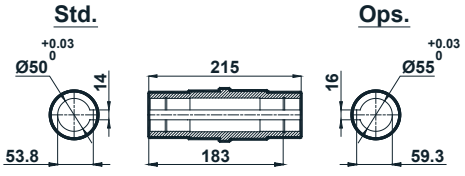
Please see on page 576 for optional flange dimensions

KR473.03





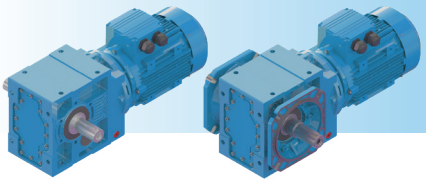
x: If Motor is lower than foot mounting plane



	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L
k	586.5	625.5	625.5	670.5	694.5	779.5	779.5	875.5	875.5	947.5	947.5
k1	679.5	729	729	779	799	909.5	909.5	1023.5	1023.5	1106	1106
n	155	176	176	193	215	257	257	316	316	348	348
n1	123	132	132	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-	-	6.5	6.5

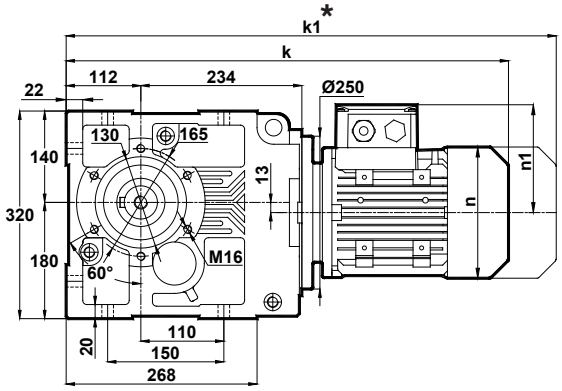
Please see on page 576 for optional flange dimensions

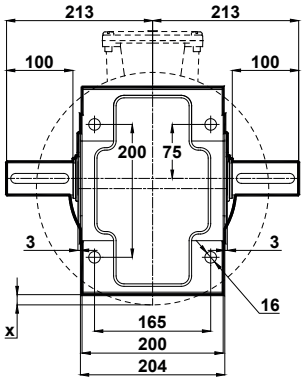
* Dimension " k1" is for motors with brake.



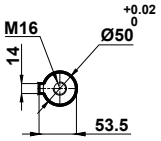
Tapped center hole to DIN 332, sheet 2

KR473.04

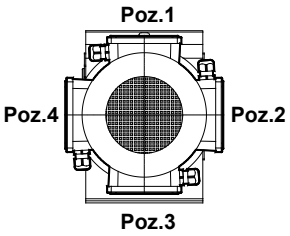




x: If Motor is lower than foot mounting plane



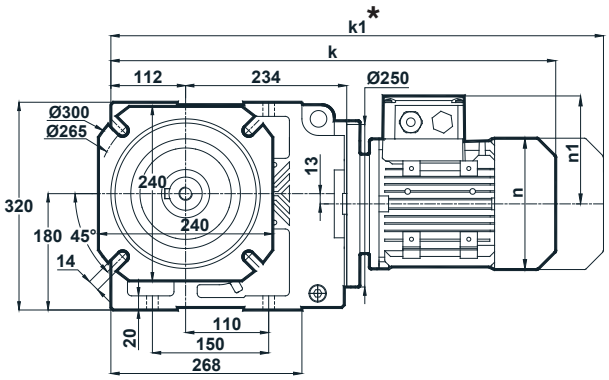
Terminal Box Positions

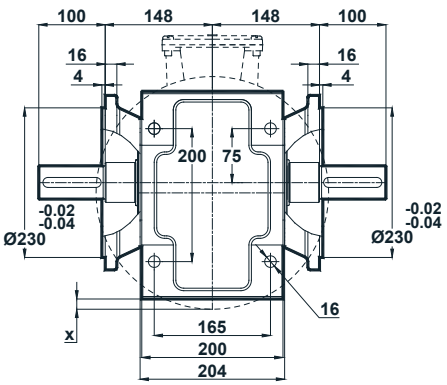


80-90-100-112-132-160-180
Type

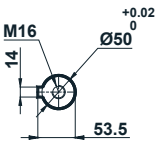
	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L
k	586.5	625.5	625.5	670.5	694.5	779.5	779.5	875.5	875.5	947.5	947.5
k1	679.5	729	729	779	799	909.5	909.5	1023.5	1023.5	1106	1106
n	155	176	176	193	215	257	257	316	316	348	348
n1	123	132	132	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-	-	6.5	6.5

KR473.05





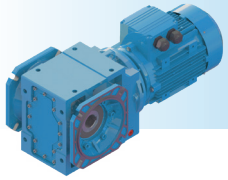
x: If Motor is lower than foot mounting plane



Please see on page 576 for optional flange dimensions

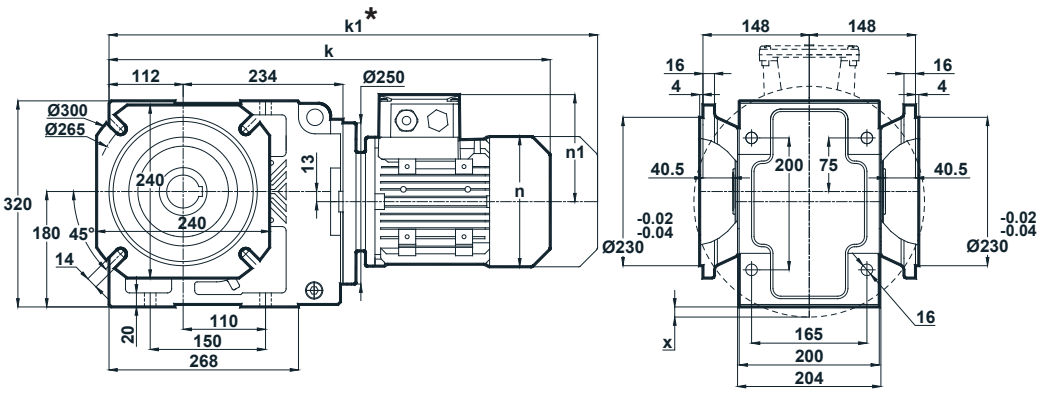
	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L
k	586.5	625.5	625.5	670.5	694.5	779.5	779.5	875.5	875.5	947.5	947.5
k1	679.5	729	729	779	799	909.5	909.5	1023.5	1023.5	1106	1106
n	155	176	176	193	215	257	257	316	316	348	348
n1	123	132	132	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-	-	6.5	6.5

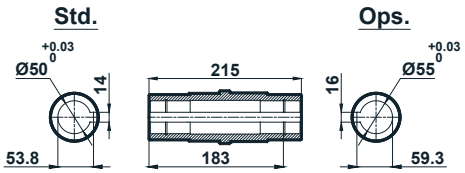
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

KR473.08

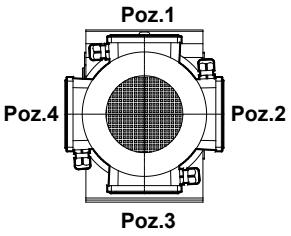




x: If Motor is lower than foot mounting plane

	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L
k	586.5	625.5	625.5	670.5	694.5	779.5	779.5	875.5	875.5	947.5	947.5
k1	679.5	729	729	779	799	909.5	909.5	1023.5	1023.5	1106	1106
n	155	176	176	193	215	257	257	316	316	348	348
n1	123	132	132	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-	-	6.5	6.5

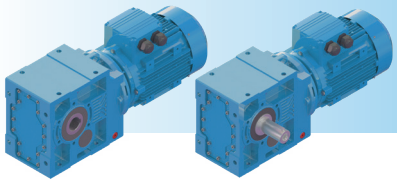
Terminal Box Positions



80-90-100-112-132-160-180
Type

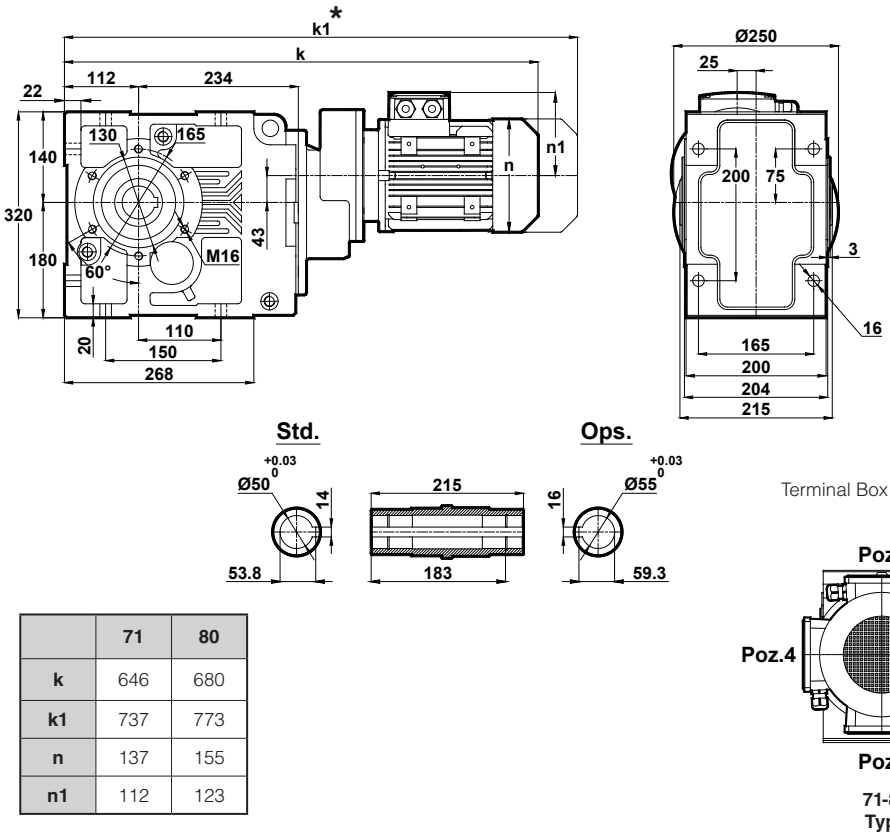
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

KR474.00

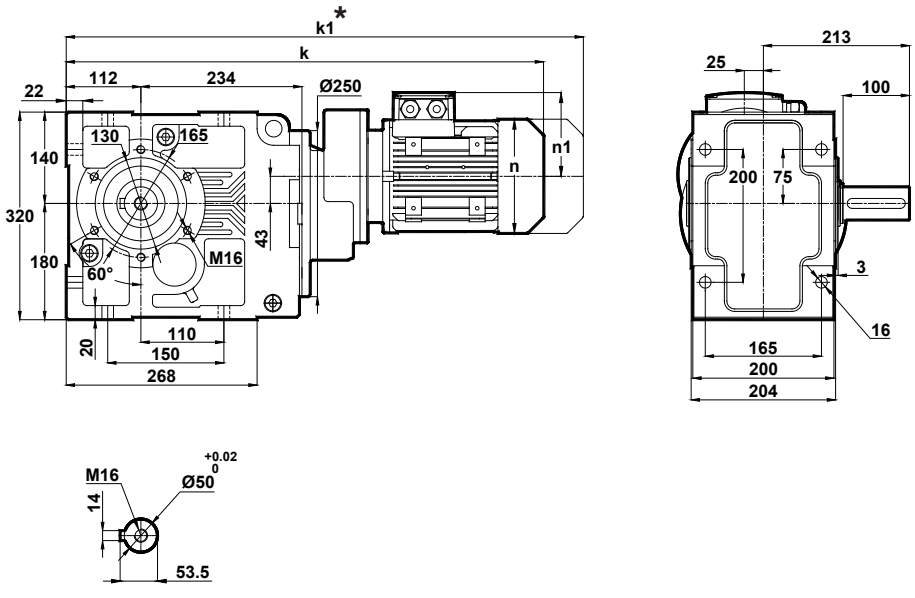


Terminal Box Positions

71-80
Type

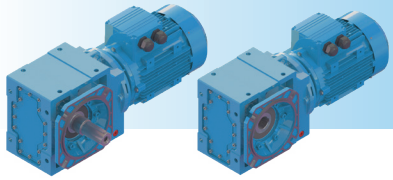
	71	80
k	646	680
k1	737	773
n	137	155
n1	112	123

KR474.01



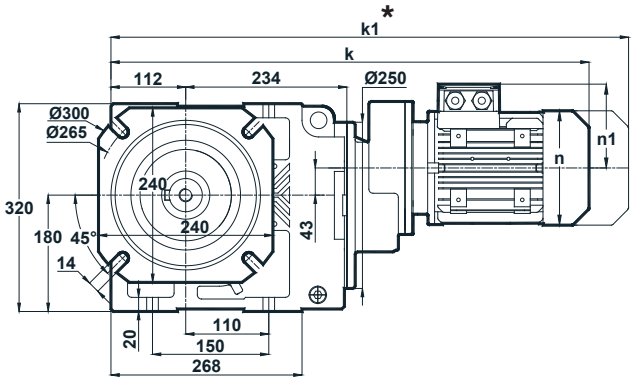
	71	80
k	646	680
k1	737	773
n	137	155
n1	112	123

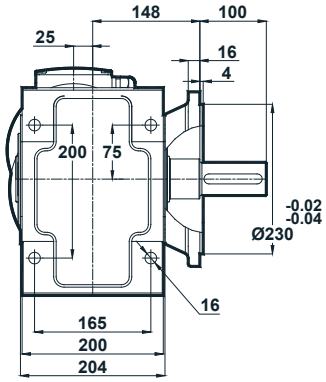
* Dimension " k1" is for motors with brake.

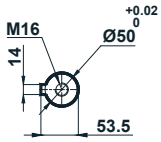


Tapped center hole to DIN 332, sheet 2

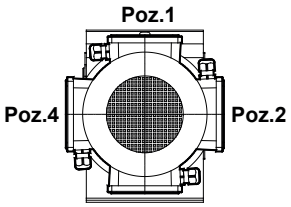
KR474.02







Terminal Box Positions

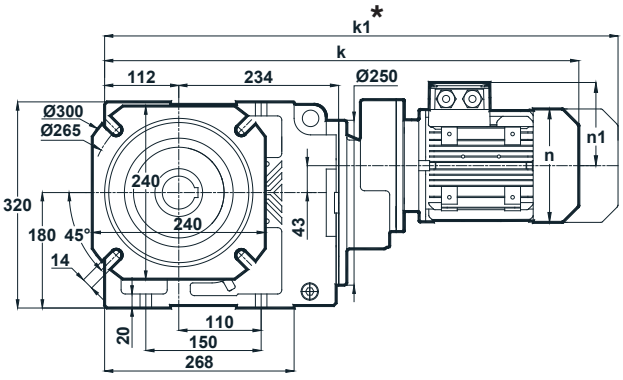


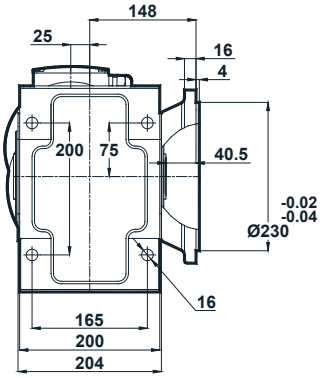
71-80
Type

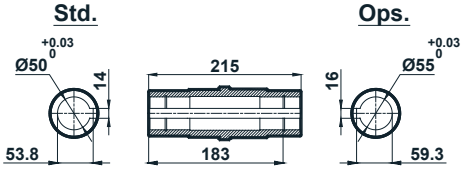
	71	80
k	646	680
k1	737	773
n	137	155
n1	112	123

Please see on page 576 for optional flange dimensions

KR474.03



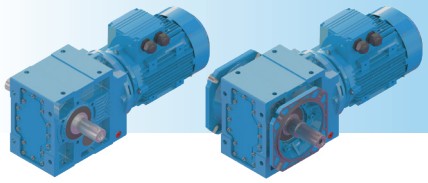




	71	80
k	646	680
k1	737	773
n	137	155
n1	112	123

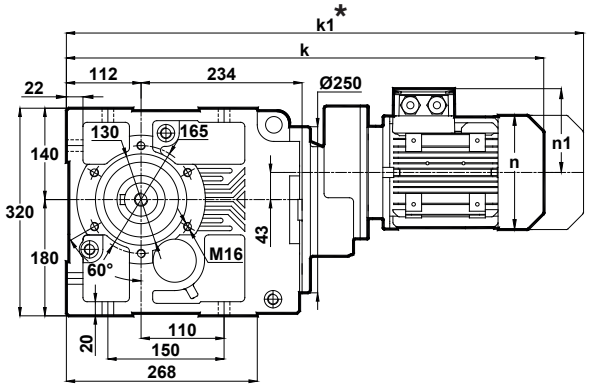
Please see on page 576 for optional flange dimensions

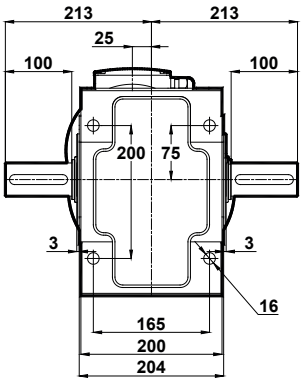
* Dimension " k1" is for motors with brake.

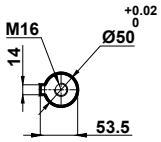


Tapped center hole to DIN 332, sheet 2

KR474.04

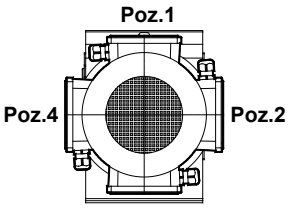






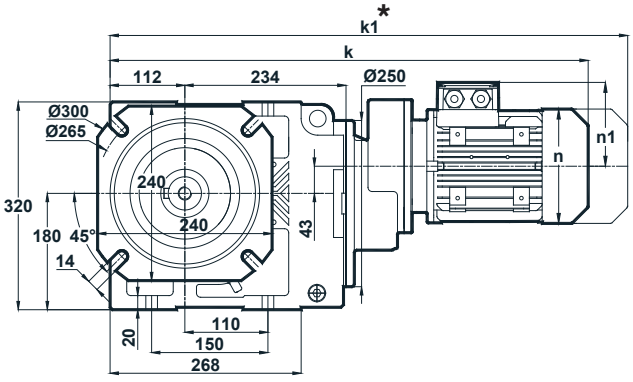
	71	80
k	646	680
k1	737	773
n	137	155
n1	112	123

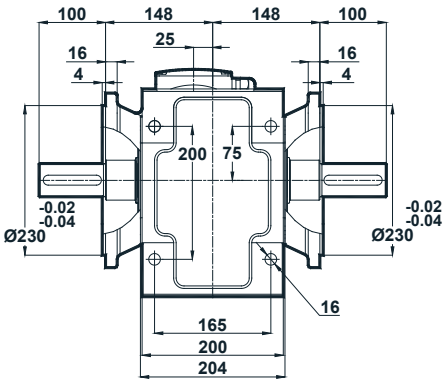
Terminal Box Positions

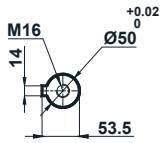


71-80
Type

KR474.05



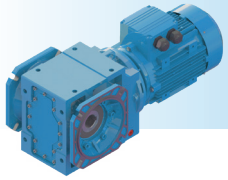




Please see on page 576 for optional flange dimensions

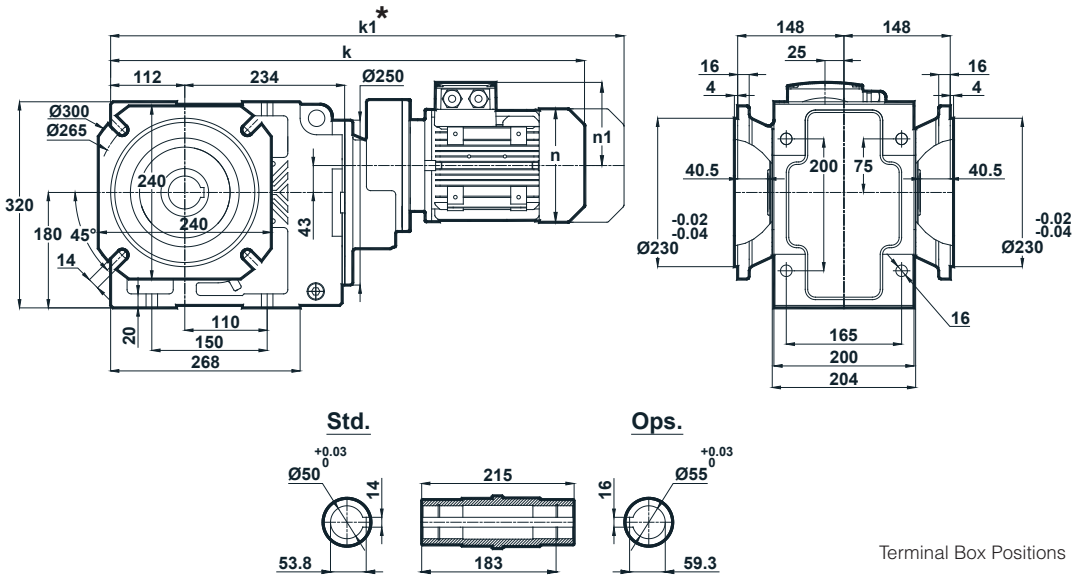
	71	80
k	646	680
k1	737	773
n	137	155
n1	112	123

* Dimension " k1" is for motors with brake.



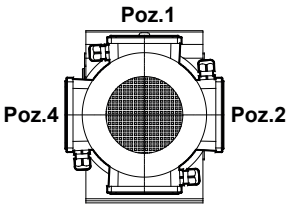
Tapped center hole to DIN 332, sheet 2

KR474.08



	71	80
k	646	680
k1	737	773
n	137	155
n1	112	123

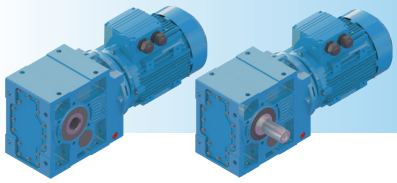
Terminal Box Positions



71-80
Type

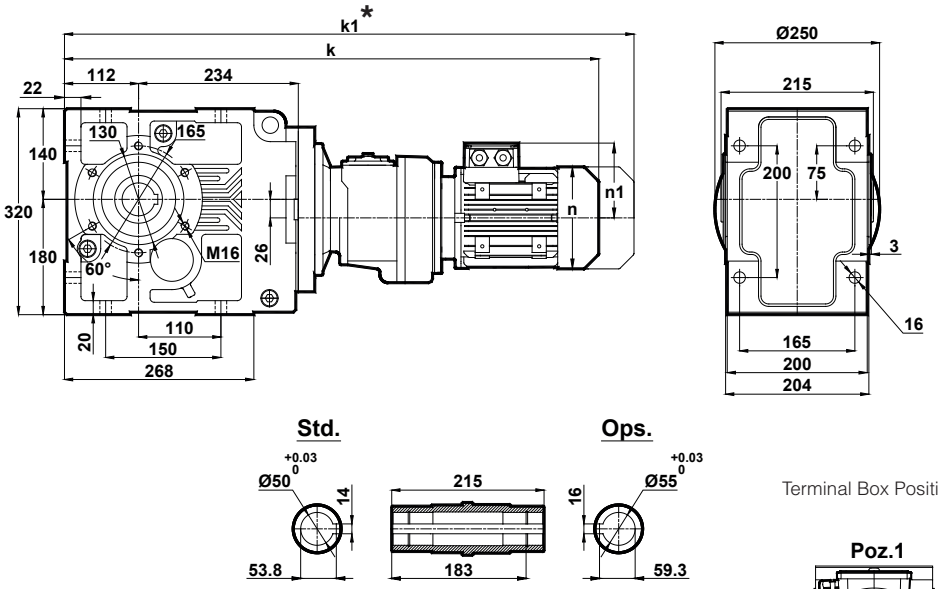
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

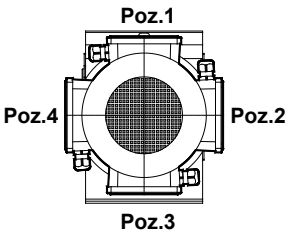


Tapped center hole to DIN 332, sheet 2

KR475.00
KR476.00



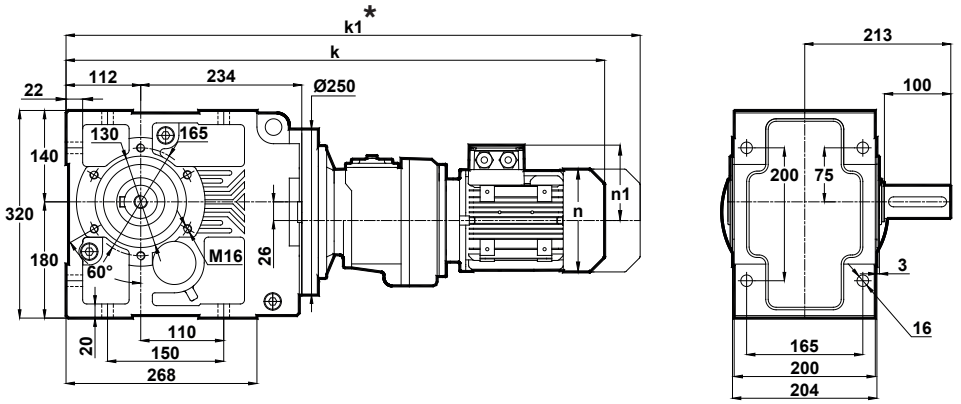
Terminal Box Positions

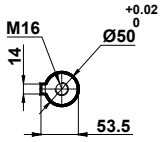


63-71
Type

	63	71
k	749	776
k1	810	867
n	121	137
n1	97	112

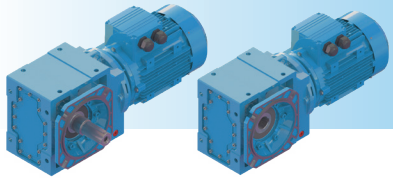
KR475.01
KR476.01





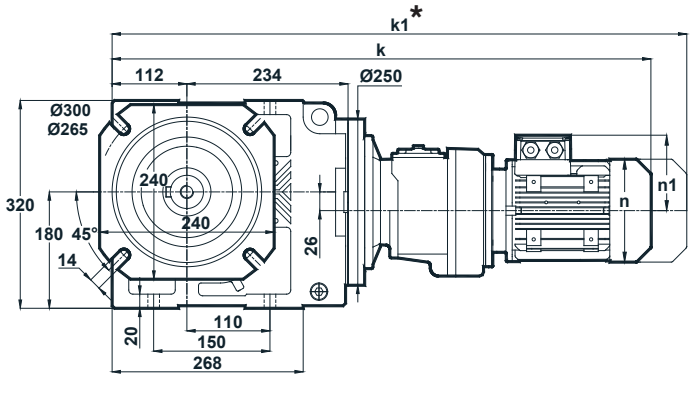
	63	71
k	749	776
k1	810	867
n	121	137
n1	97	112

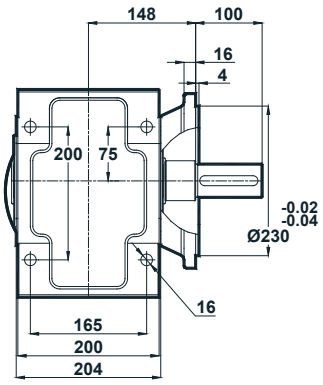
* Dimension " k1" is for motors with brake.

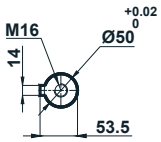


Tapped center hole to DIN 332, sheet 2

KR475.02
KR476.02

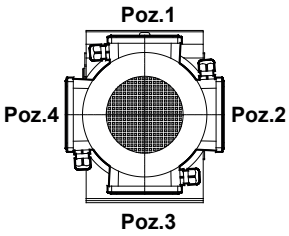






	63	71
k	749	776
k1	810	867
n	121	137
n1	97	112

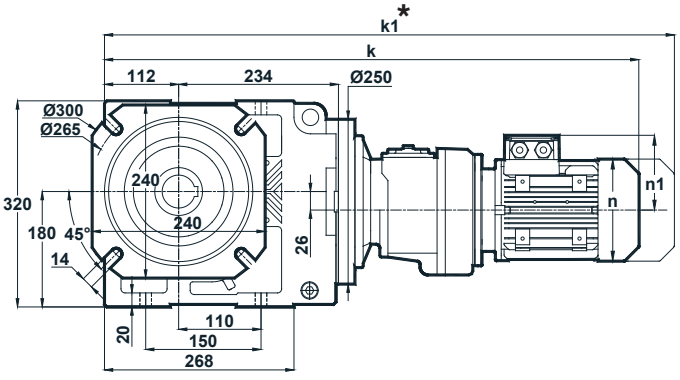
Terminal Box Positions

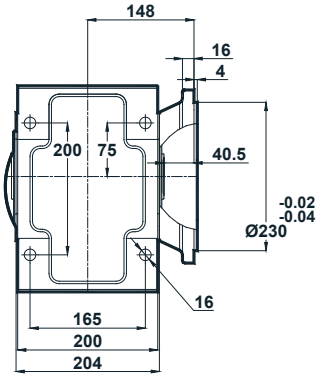


63-71
Type

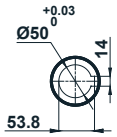
Please see on page 576 for optional flange dimensions

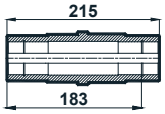
KR475.03
KR476.03



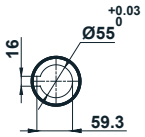


Std.





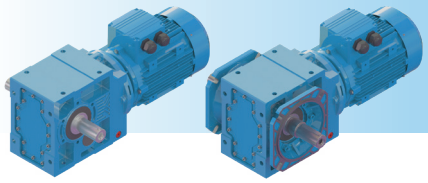
Ops.



	63	71
k	749	776
k1	810	867
n	121	137
n1	97	112

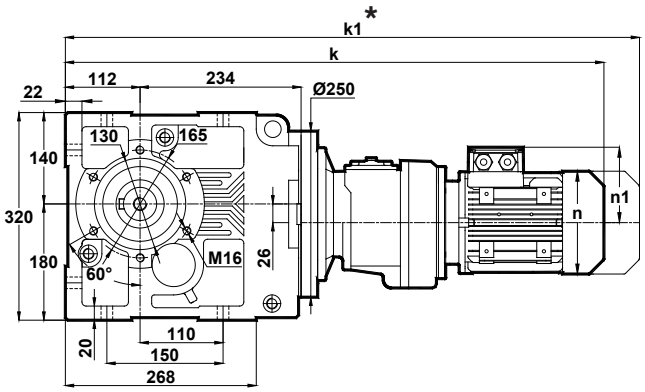
Please see on page 576 for optional flange dimensions

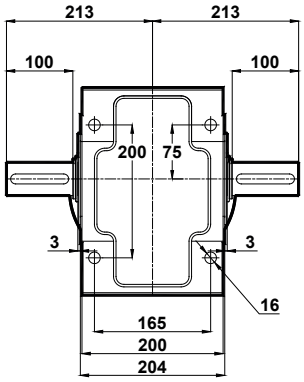
* Dimension " k1" is for motors with brake.

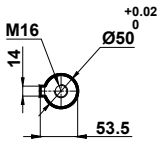


Tapped center hole to DIN 332, sheet 2

KR475.04
KR476.04

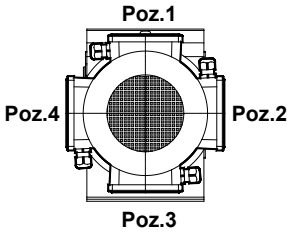






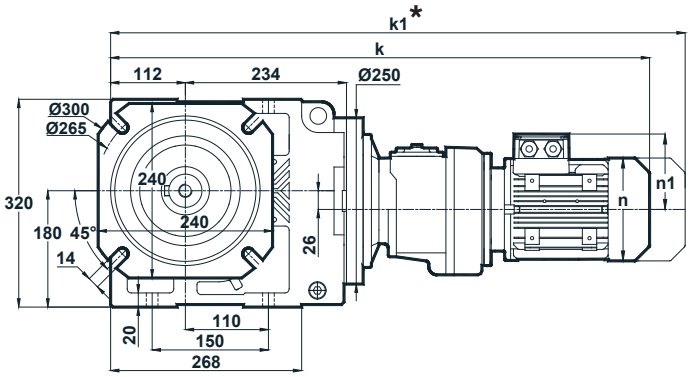
	63	71
k	749	776
k1	810	867
n	121	137
n1	97	112

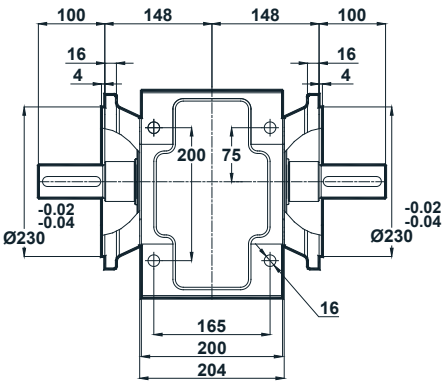
Terminal Box Positions

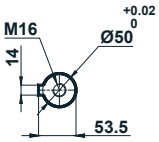


63-71
Type

KR475.05
KR476.05



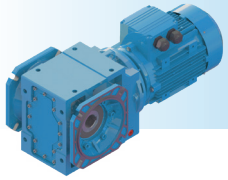




Please see on page 576 for optional flange dimensions

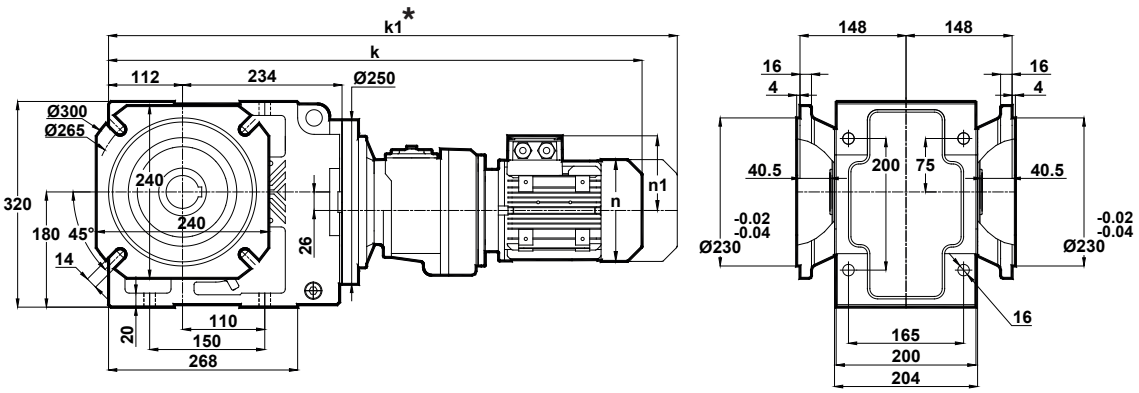
	63	71
k	749	776
k1	810	867
n	121	137
n1	97	112

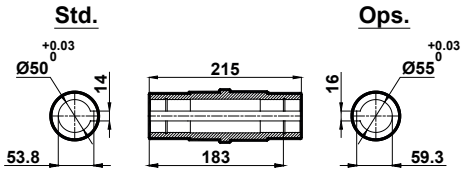
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

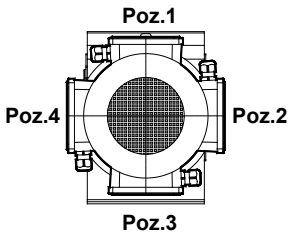
KR475.08
KR476.08





	63	71
k	749	776
k1	810	867
n	121	137
n1	97	112

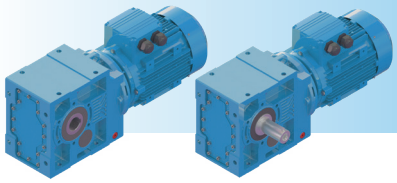
Terminal Box Positions



63-71
Type

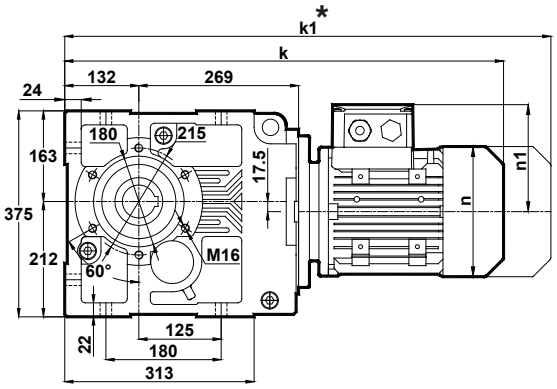
Please see on page 576 for optional flange dimensions

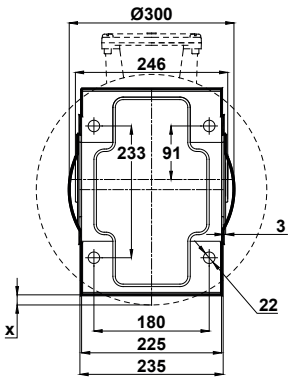
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

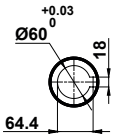
KR573.00

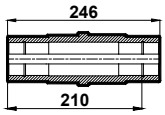




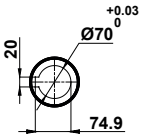
x: If Motor is lower than foot mounting plane

Std.

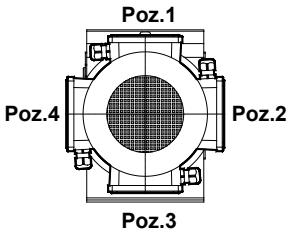




Ops.



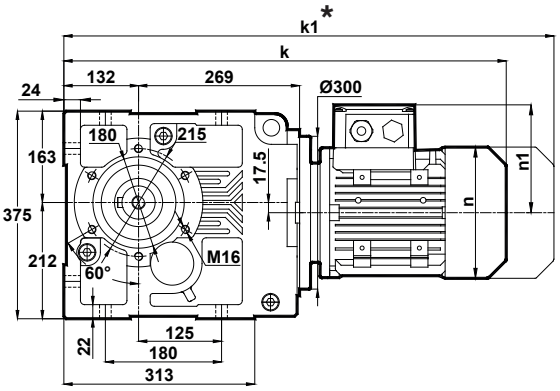
Terminal Box Positions

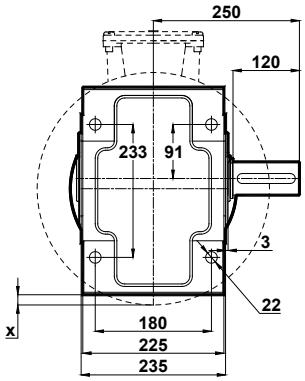


100-112-132-160-180 Type

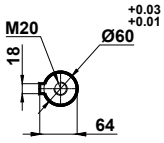
	100L	112M	132S	132M	160M	160L	180M	180L
k	719	743	829.5	829.5	925.5	925.5	997.5	997.5
k1	827.5	847.5	959.5	959.5	1073.5	1073.5	1156	1156
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-

KR573.01



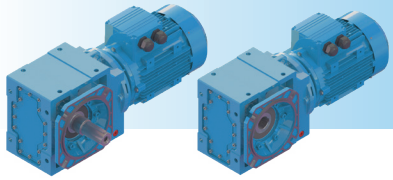


x: If Motor is lower than foot mounting plane



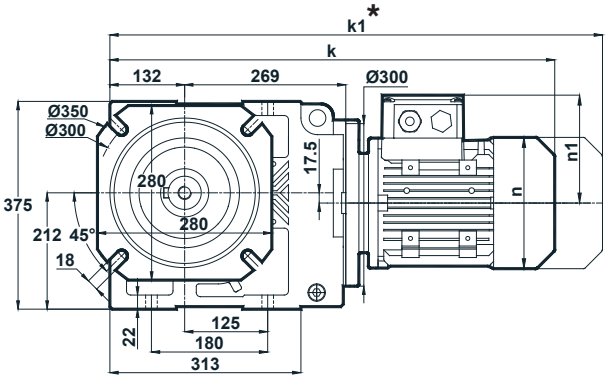
	100L	112M	132S	132M	160M	160L	180M	180L
k	719	743	829.5	829.5	925.5	925.5	997.5	997.5
k1	827.5	847.5	959.5	959.5	1073.5	1073.5	1156	1156
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-

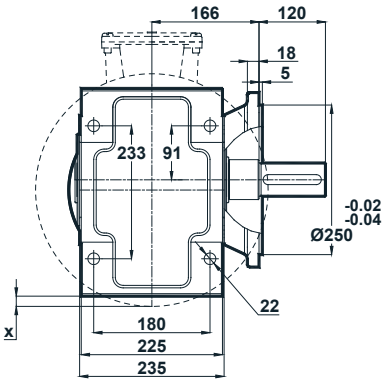
* Dimension " k1" is for motors with brake.



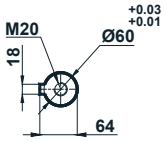
Tapped center hole to DIN 332, sheet 2

KR573.02

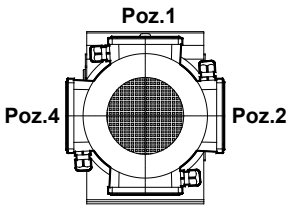




x: If Motor is lower than foot mounting plane



Terminal Box Positions

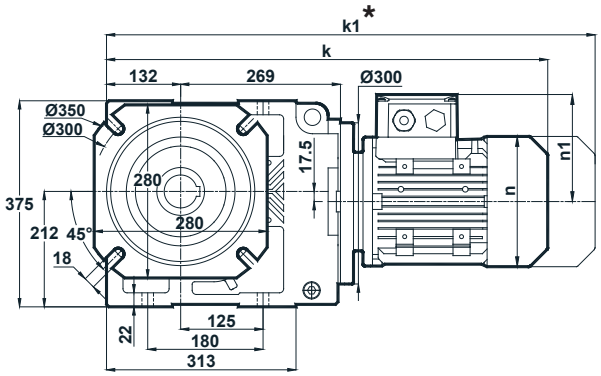


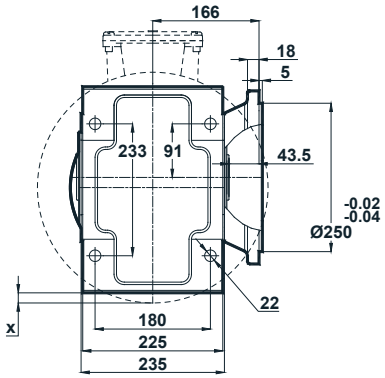
100-112-132-160-180
Type

	100L	112M	132S	132M	160M	160L	180M	180L
k	719	743	829.5	829.5	925.5	925.5	997.5	997.5
k1	827.5	847.5	959.5	959.5	1073.5	1073.5	1156	1156
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-

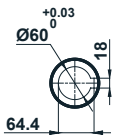
Please see on page 576 for optional flange dimensions

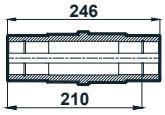
KR573.03



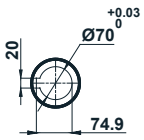


Std.





Ops.

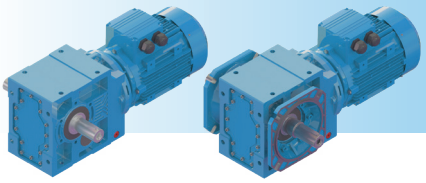


x: If Motor is lower than foot mounting plane

	100L	112M	132S	132M	160M	160L	180M	180L
k	719	743	829.5	829.5	925.5	925.5	997.5	997.5
k1	827.5	847.5	959.5	959.5	1073.5	1073.5	1156	1156
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-

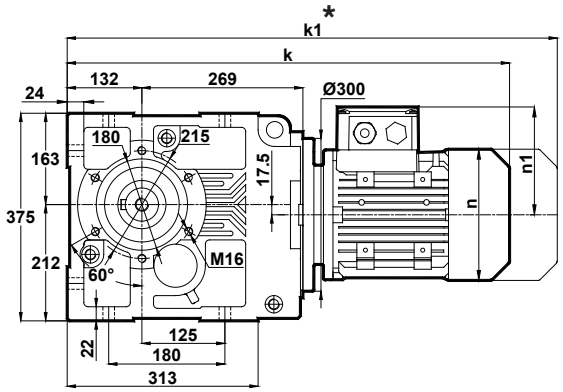
Please see on page 576 for optional flange dimensions

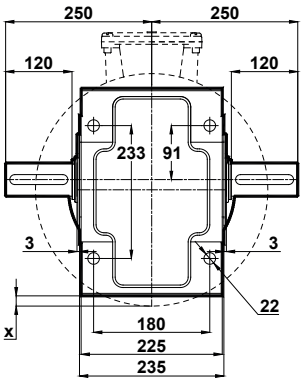
* Dimension " k1" is for motors with brake.



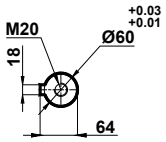
Tapped center hole to DIN 332, sheet 2

KR573.04

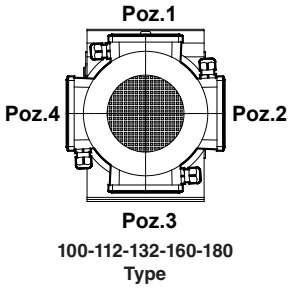




x: If Motor is lower than foot mounting plane



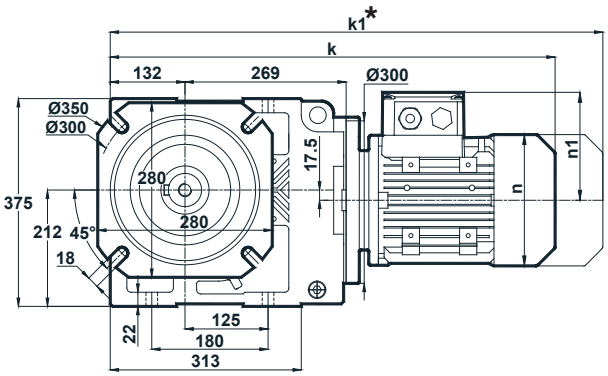
Terminal Box Positions

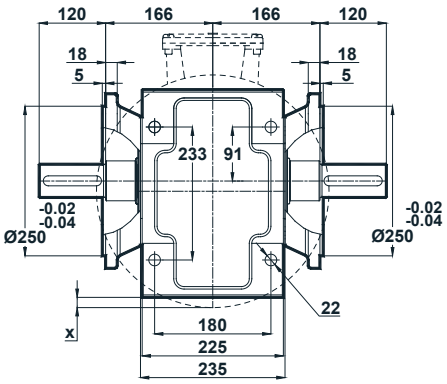


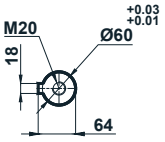
100-112-132-160-180
Type

	100L	112M	132S	132M	160M	160L	180M	180L
k	719	743	829.5	829.5	925.5	925.5	997.5	997.5
k1	827.5	847.5	959.5	959.5	1073.5	1073.5	1156	1156
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-

KR573.05





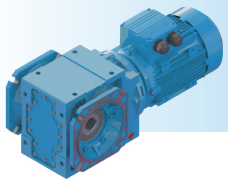


x: If Motor is lower than foot mounting plane

	100L	112M	132S	132M	160M	160L	180M	180L
k	719	743	829.5	829.5	925.5	925.5	997.5	997.5
k1	827.5	847.5	959.5	959.5	1073.5	1073.5	1156	1156
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-

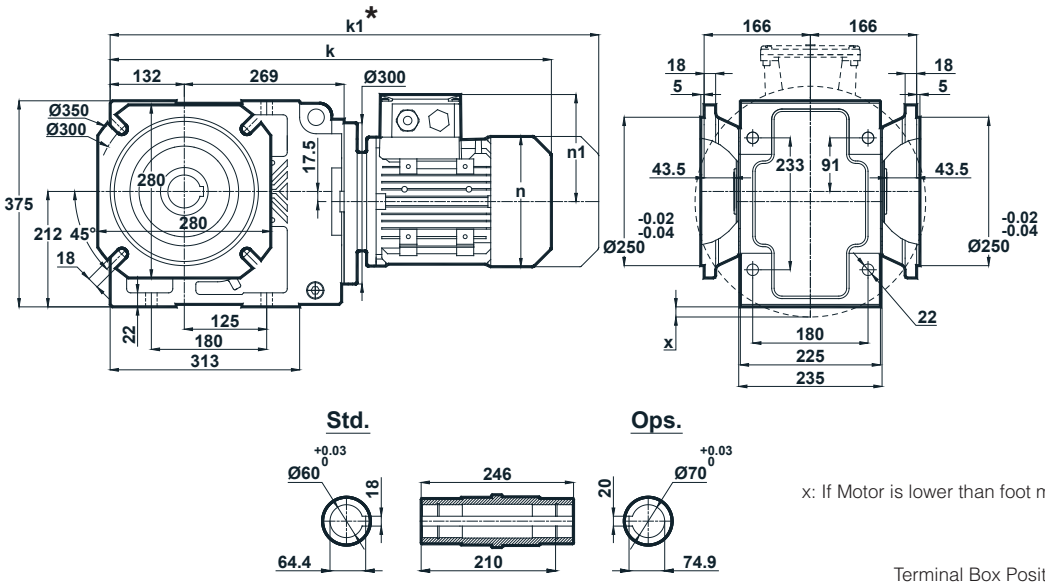
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



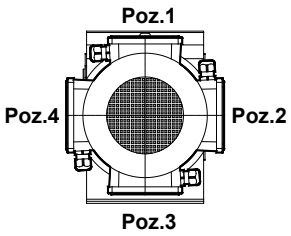
Tapped center hole to DIN 332, sheet 2

KR573.08



x: If Motor is lower than foot mounting plane

Terminal Box Positions

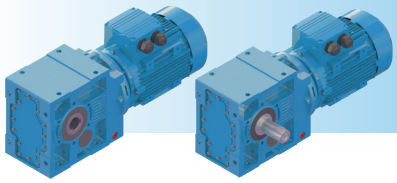


100-112-132-160-180
Type

	100L	112M	132S	132M	160M	160L	180M	180L
k	719	743	829.5	829.5	925.5	925.5	997.5	997.5
k1	827.5	847.5	959.5	959.5	1073.5	1073.5	1156	1156
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250
x	-	-	-	-	-	-	-	-

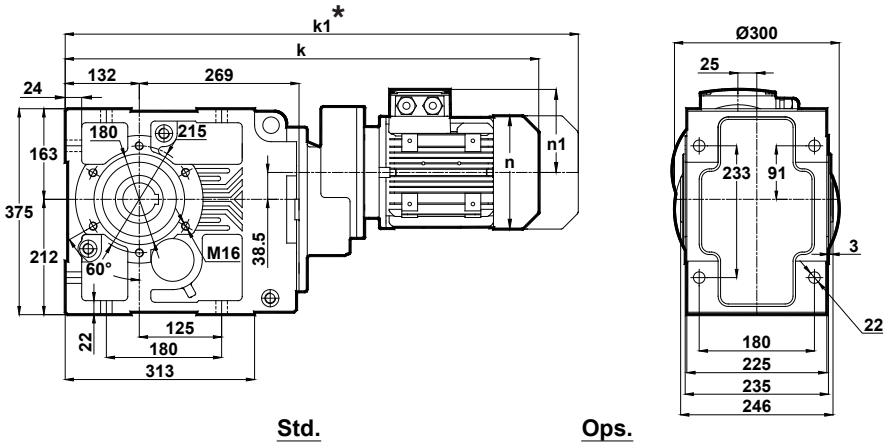
Please see on page 576 for optional flange dimensions

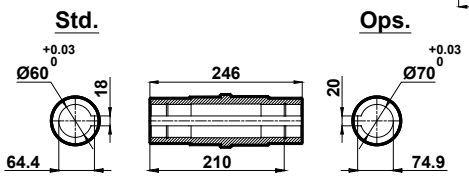
* Dimension " k1" is for motors with brake.



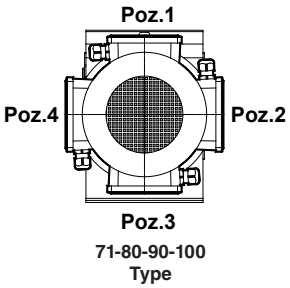
Tapped center hole to DIN 332, sheet 2

KR574.00



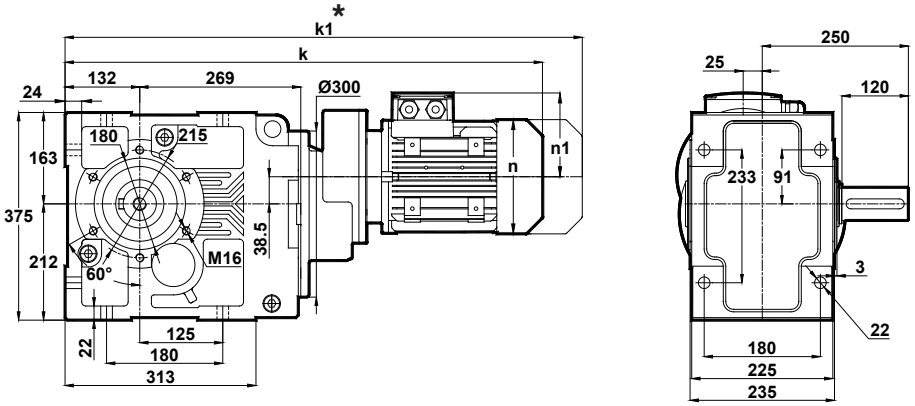


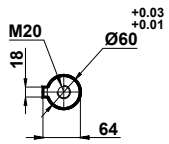
Terminal Box Positions



	71	80	90S	90L	100L
k	699	733	772	772	820
k1	790	826	875.5	875.5	928.5
n	137	155	176	176	193
n1	112	123	132	132	149

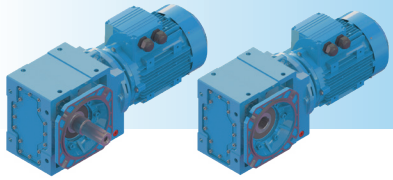
KR574.01





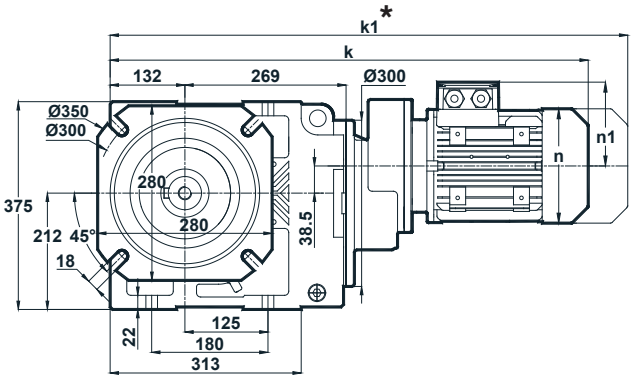
	71	80	90S	90L	100L
k	699	733	772	772	820
k1	790	826	875.5	875.5	928.5
n	137	155	176	176	193
n1	112	123	132	132	149

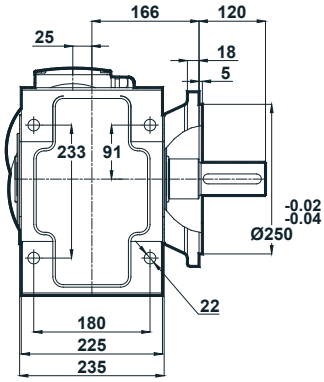
* Dimension " k1" is for motors with brake.

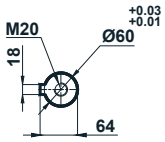


Tapped center hole to DIN 332, sheet 2

KR574.02

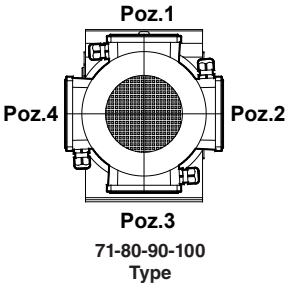






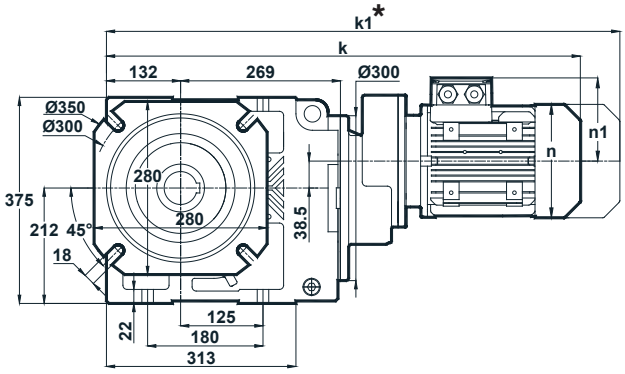
	71	80	90S	90L	100L
k	699	733	772	772	820
k1	790	826	875.5	875.5	928.5
n	137	155	176	176	193
n1	112	123	132	132	149

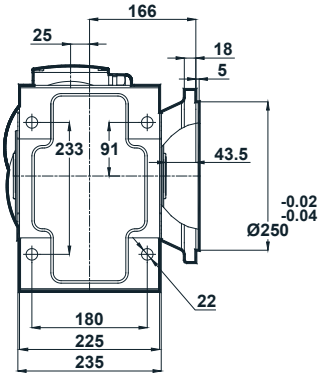
Terminal Box Positions

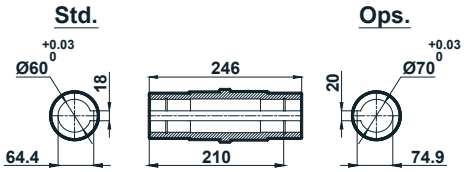


Please see on page 576 for optional flange dimensions

KR574.03



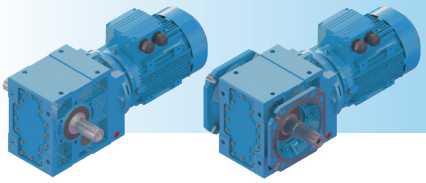




	71	80	90S	90L	100L
k	699	733	772	772	820
k1	790	826	875.5	875.5	928.5
n	137	155	176	176	193
n1	112	123	132	132	149

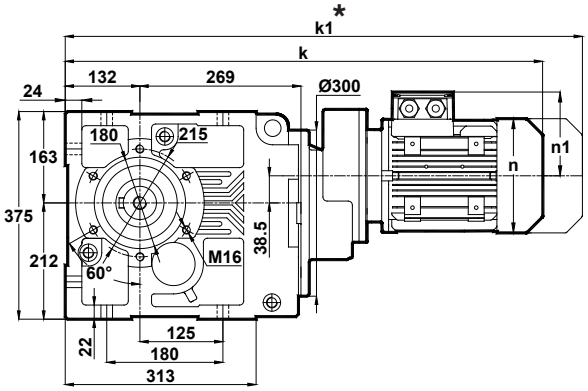
Please see on page 576 for optional flange dimensions

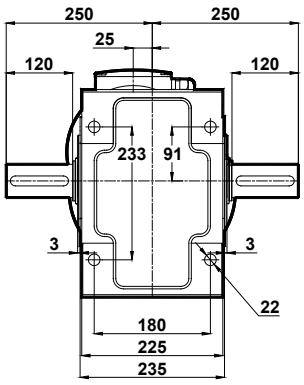
* Dimension " k1" is for motors with brake.

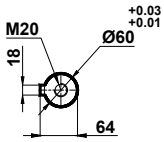


Tapped center hole to DIN 332, sheet 2

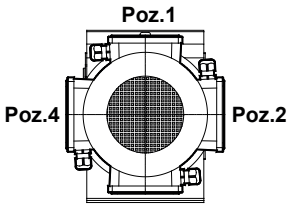
KR574.04







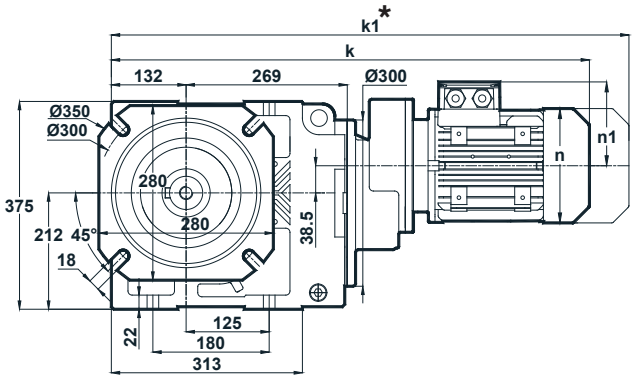
Terminal Box Positions

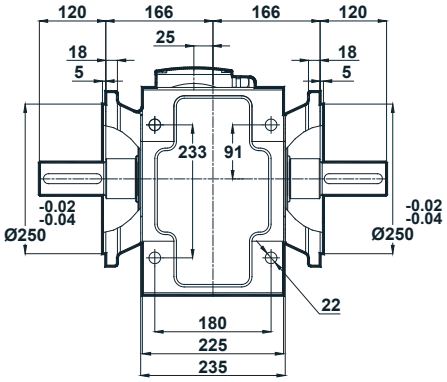


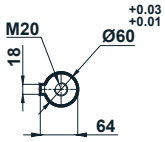
71-80-90-100
Type

	71	80	90S	90L	100L
k	699	733	772	772	820
k1	790	826	875.5	875.5	928.5
n	137	155	176	176	193
n1	112	123	132	132	149

KR574.05



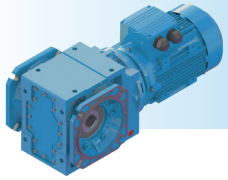




Please see on page 576 for optional flange dimensions

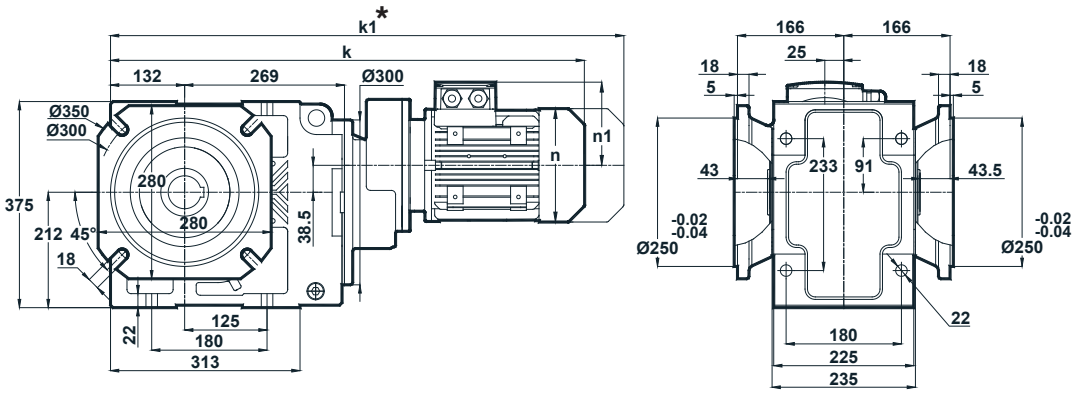
	71	80	90S	90L	100L
k	699	733	772	772	820
k1	790	826	875.5	875.5	928.5
n	137	155	176	176	193
n1	112	123	132	132	149

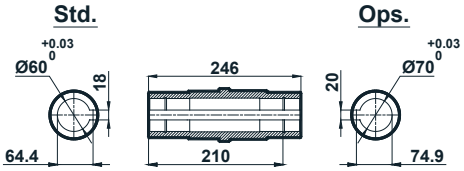
* Dimension " k1" is for motors with brake.



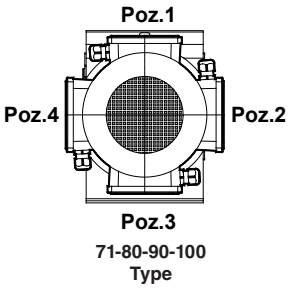
Tapped center hole to DIN 332, sheet 2

KR574.08





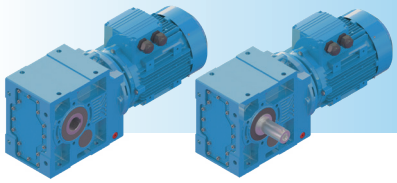
Terminal Box Positions



	71	80	90S	90L	100L
k	699	733	772	772	820
k1	790	826	875.5	875.5	928.5
n	137	155	176	176	193
n1	112	123	132	132	149

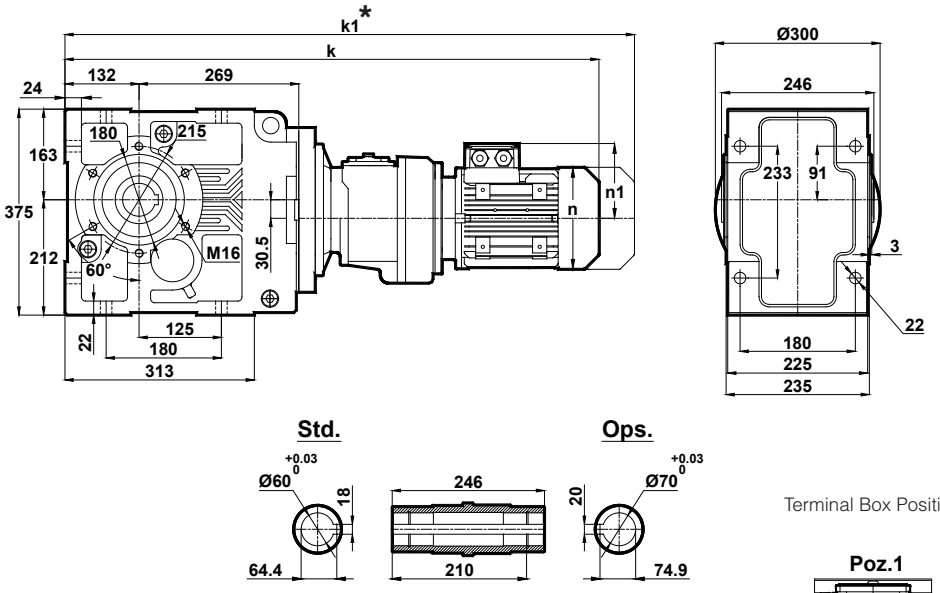
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

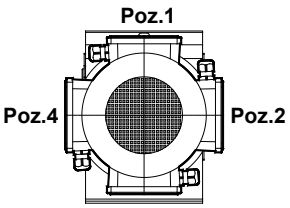


Tapped center hole to DIN 332, sheet 2

KR575.00
KR576.00



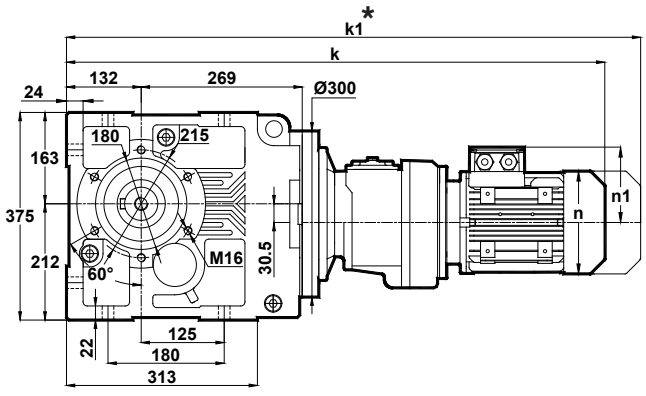
Terminal Box Positions

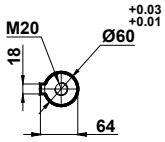


63-71-80
Type

	63	71	80
k	804	831	865
k1	865	922	958
n	121	137	155
n1	97	112	123

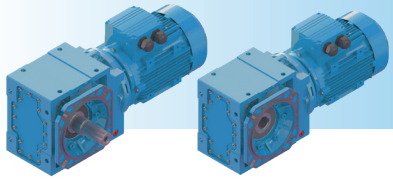
KR575.01
KR576.01





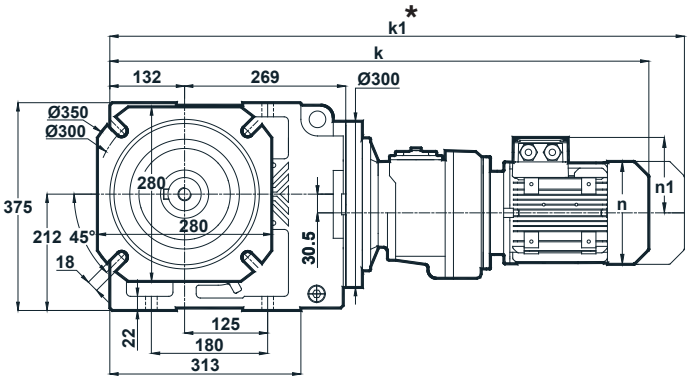
	63	71	80
k	804	831	865
k1	865	922	958
n	121	137	155
n1	97	112	123

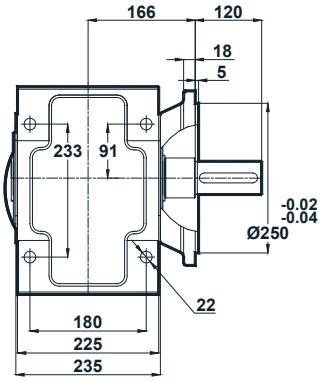
* Dimension " k1" is for motors with brake.

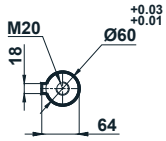


Tapped center hole to DIN 332, sheet 2

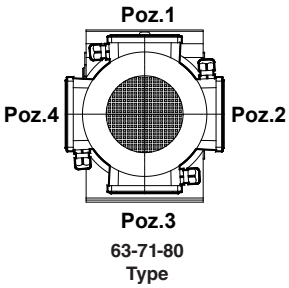
KR575.02
KR576.02







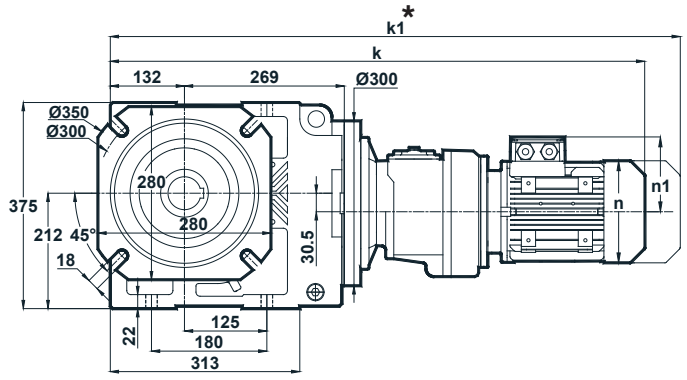
Terminal Box Positions

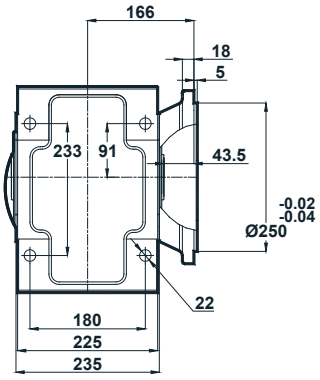


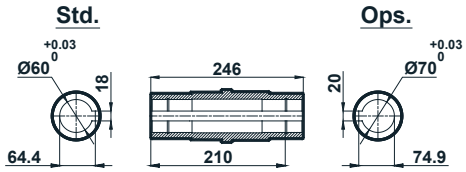
	63	71	80
k	804	831	865
k1	865	922	958
n	121	137	155
n1	97	112	123

Please see on page 576 for optional flange dimensions

KR575.03
KR576.03



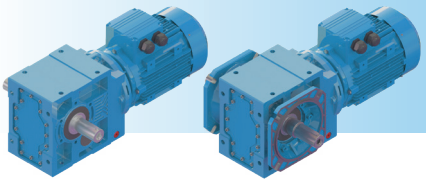




	63	71	80
k	804	831	865
k1	865	922	958
n	121	137	155
n1	97	112	123

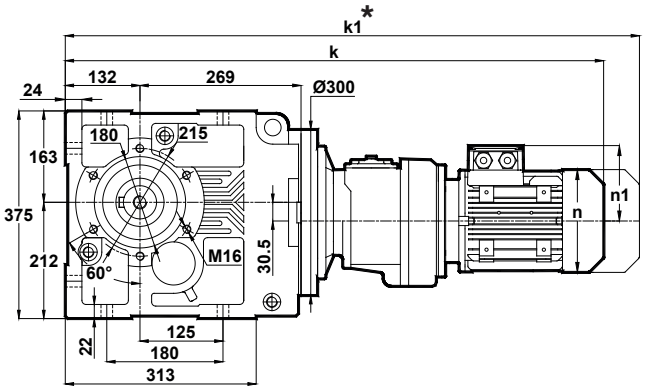
Please see on page 576 for optional flange dimensions

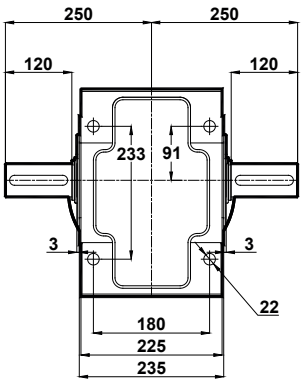
* Dimension " k1" is for motors with brake.

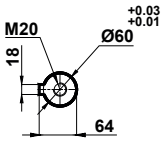


Tapped center hole to DIN 332, sheet 2

KR575.04
KR576.04

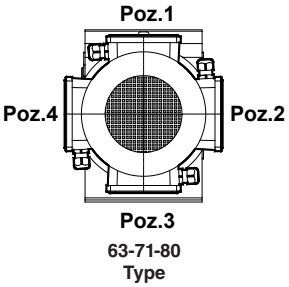




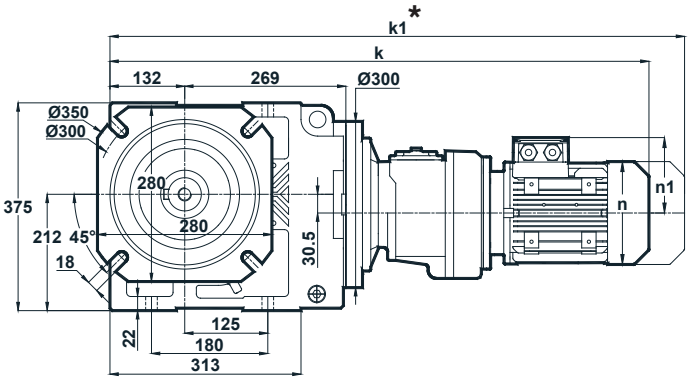


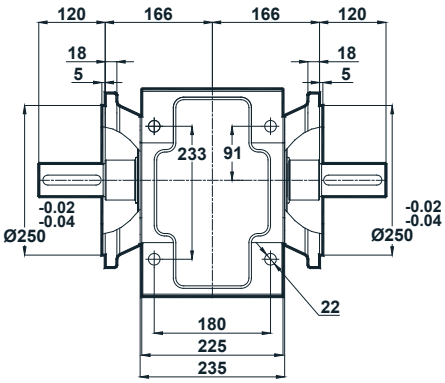
	63	71	80
k	804	831	865
k1	865	922	958
n	121	137	155
n1	97	112	123

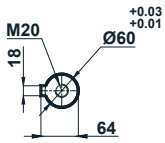
Terminal Box Positions



KR575.05
KR576.05



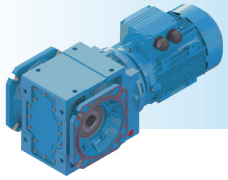




	63	71	80
k	804	831	865
k1	865	922	958
n	121	137	155
n1	97	112	123

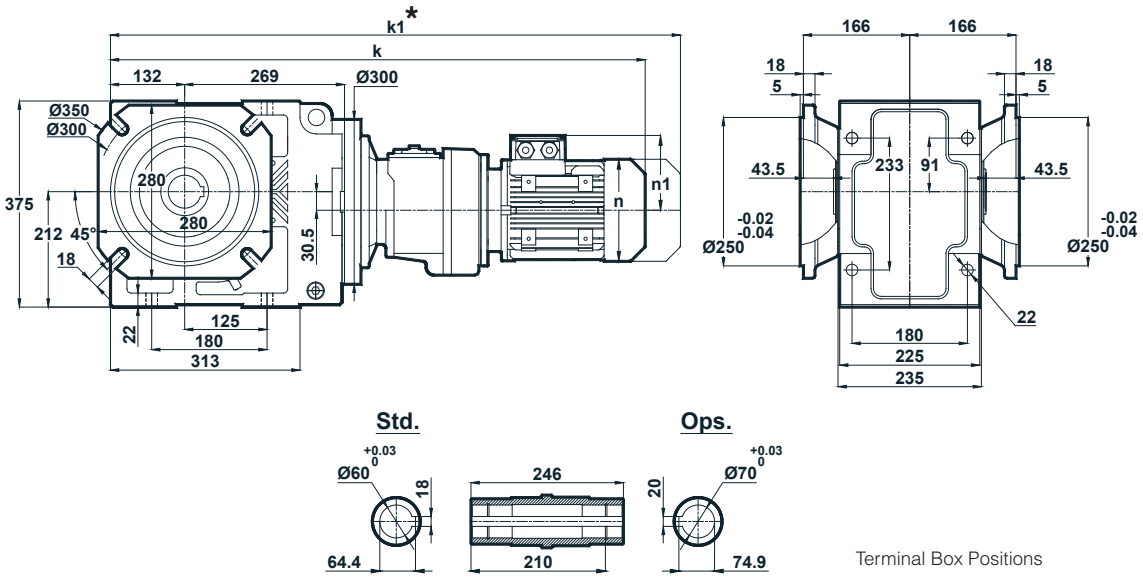
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



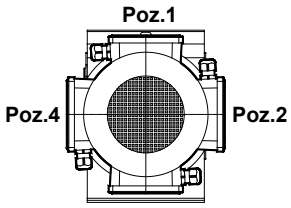
Tapped center hole to DIN 332, sheet 2

KR575.08
KR576.08



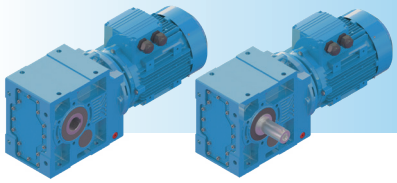
	63	71	80
k	804	831	865
k1	865	922	958
n	121	137	155
n1	97	112	123

Terminal Box Positions



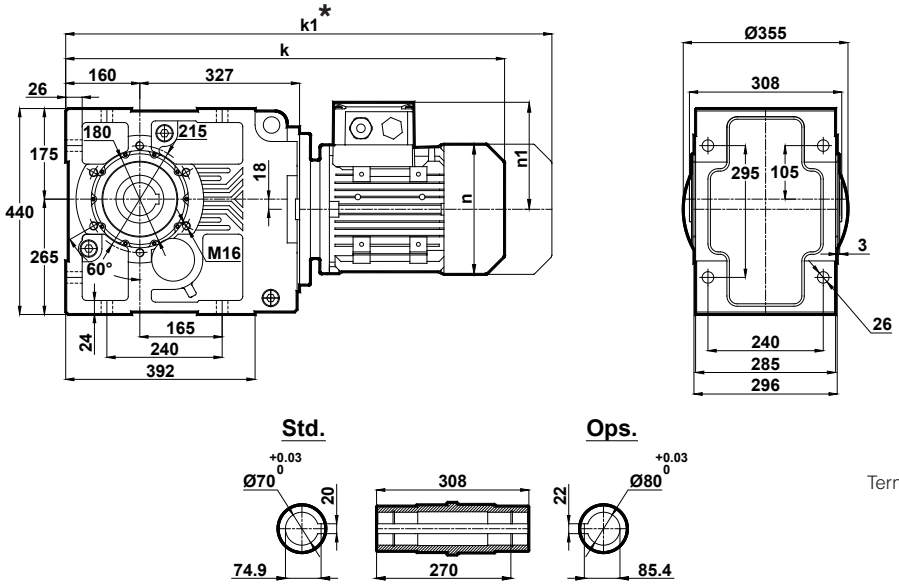
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

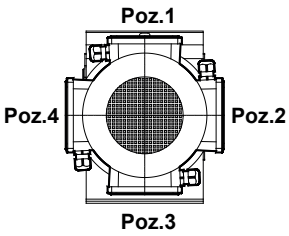


Tapped center hole to DIN 332, sheet 2

KR673.00



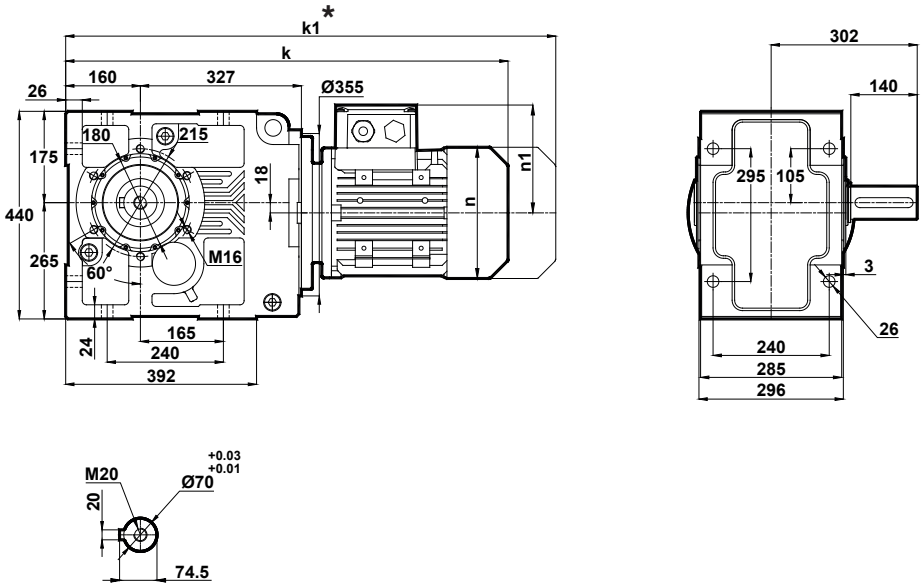
Terminal Box Positions



100-112-132-160-180-200-225
Type

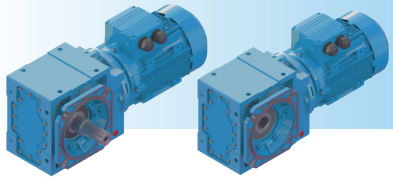
	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
k	797	821	907.5	907.5	1003.5	1003.5	1075.5	1075.5	1121.5	1148	1173
k1	905.5	925.5	1037.5	1037.5	1151.5	1151.5	1234	1234	1308	1313	1338
n	193	215	257	257	316	316	348	348	396	438	438
n1	149	161	181	181	224	224	250	250	287	316	316

KR673.01



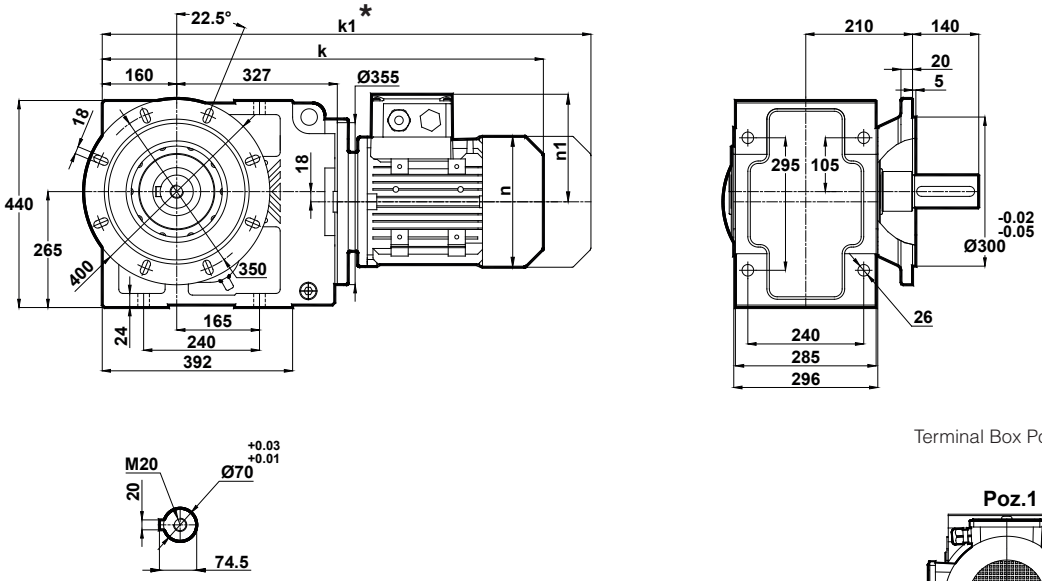
	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
k	797	821	907.5	907.5	1003.5	1003.5	1075.5	1075.5	1121.5	1148	1173
k1	905.5	925.5	1037.5	1037.5	1151.5	1151.5	1234	1234	1308	1313	1338
n	193	215	257	257	316	316	348	348	396	438	438
n1	149	161	181	181	224	224	250	250	287	316	316

* Dimension " k1" is for motors with brake.



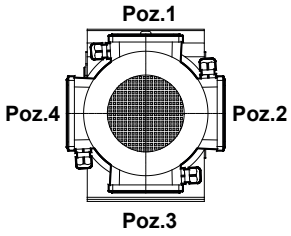
Tapped center hole to DIN 332, sheet 2

KR673.02



	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
k	797	821	907.5	907.5	1003.5	1003.5	1075.5	1075.5	1121.5	1148	1173
k1	905.5	925.5	1037.5	1037.5	1151.5	1151.5	1234	1234	1308	1313	1338
n	193	215	257	257	316	316	348	348	396	438	438
n1	149	161	181	181	224	224	250	250	287	316	316

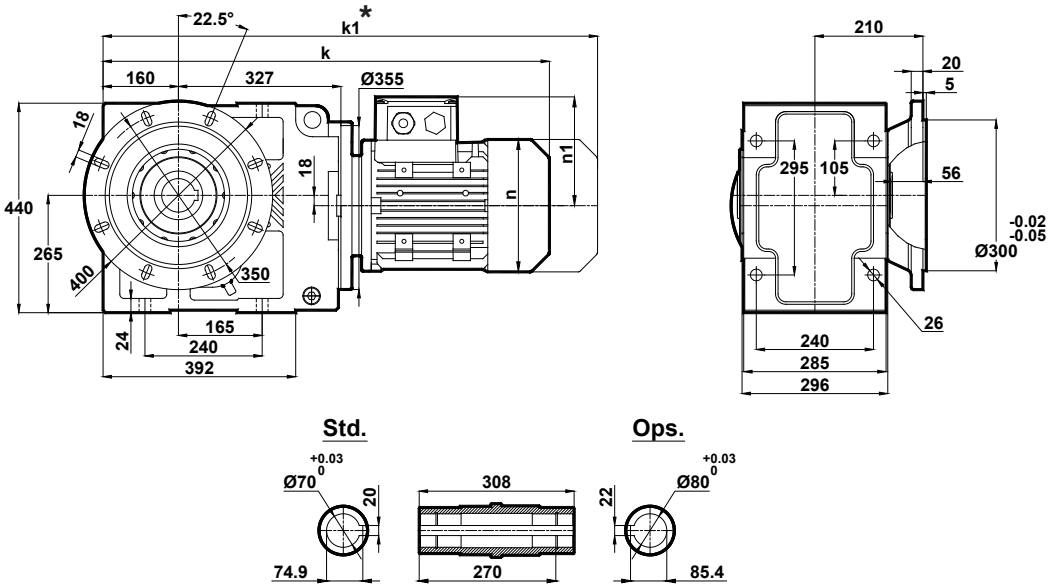
Terminal Box Positions



100-112-132-160-180-200-225
Type

Please see on page 576 for optional flange dimensions

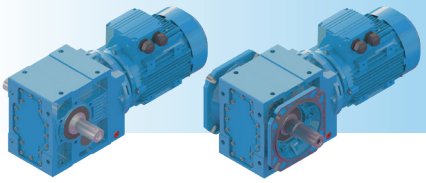
KR673.03



	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
k	797	821	907.5	907.5	1003.5	1003.5	1075.5	1075.5	1121.5	1148	1173
k1	905.5	925.5	1037.5	1037.5	1151.5	1151.5	1234	1234	1308	1313	1338
n	193	215	257	257	316	316	348	348	396	438	438
n1	149	161	181	181	224	224	250	250	287	316	316

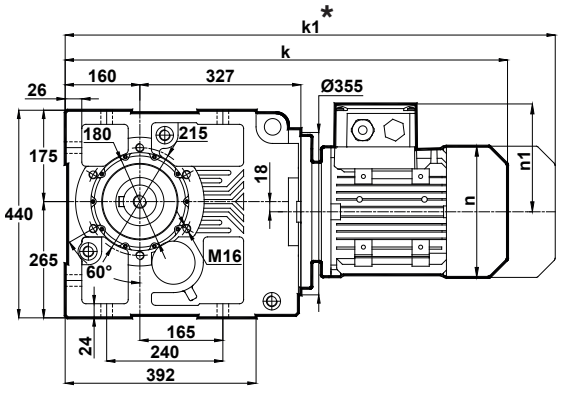
Please see on page 576 for optional flange dimensions

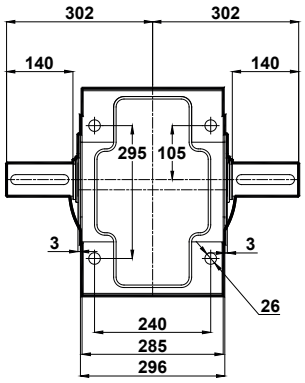
* Dimension " k1" is for motors with brake.

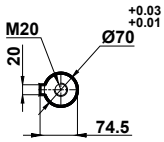


Tapped center hole to DIN 332, sheet 2

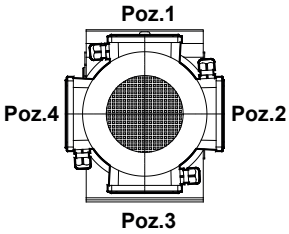
KR673.04







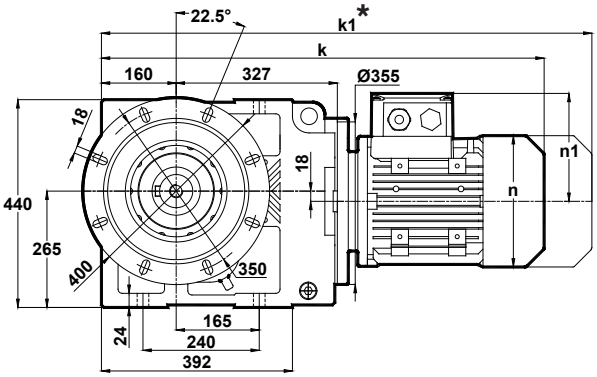
Terminal Box Positions

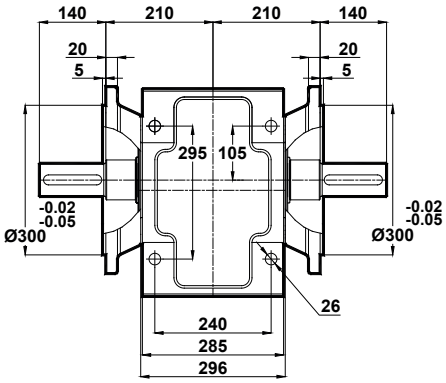


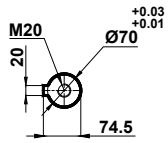
100-112-132-160-180-200-225
Type

	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
k	797	821	907.5	907.5	1003.5	1003.5	1075.5	1075.5	1121.5	1148	1173
k1	905.5	925.5	1037.5	1037.5	1151.5	1151.5	1234	1234	1308	1313	1338
n	193	215	257	257	316	316	348	348	396	438	438
n1	149	161	181	181	224	224	250	250	287	316	316

KR673.05



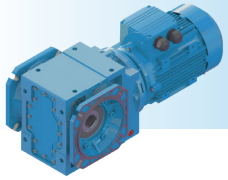




Please see on page 576 for optional flange dimensions

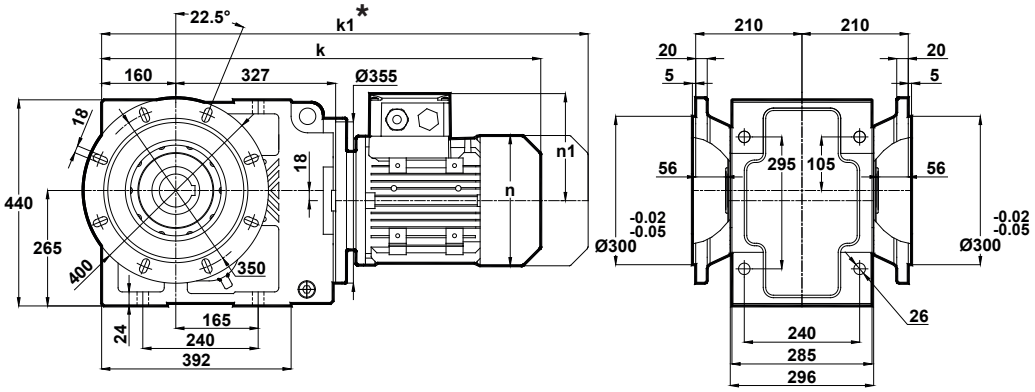
	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
k	797	821	907.5	907.5	1003.5	1003.5	1075.5	1075.5	1121.5	1148	1173
k1	905.5	925.5	1037.5	1037.5	1151.5	1151.5	1234	1234	1308	1313	1338
n	193	215	257	257	316	316	348	348	396	438	438
n1	149	161	181	181	224	224	250	250	287	316	316

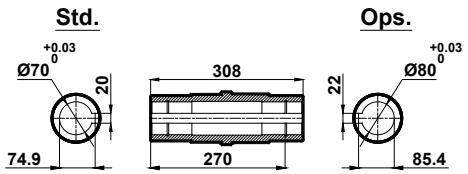
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

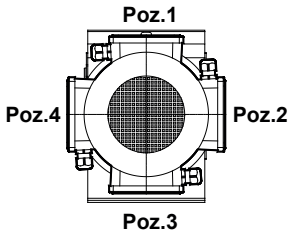
KR673.08





	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
k	797	821	907.5	907.5	1003.5	1003.5	1075.5	1075.5	1121.5	1148	1173
k1	905.5	925.5	1037.5	1037.5	1151.5	1151.5	1234	1234	1308	1313	1338
n	193	215	257	257	316	316	348	348	396	438	438
n1	149	161	181	181	224	224	250	250	287	316	316

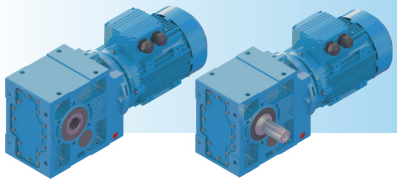
Terminal Box Positions



100-112-132-160-180-200-225
Type

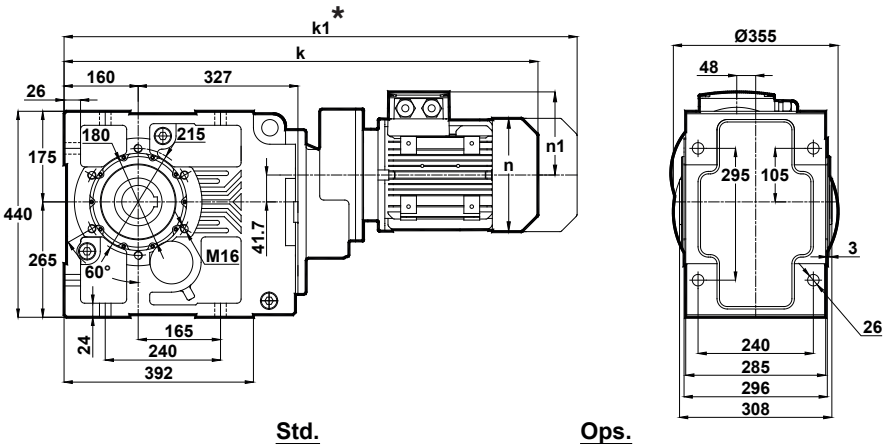
Please see on page 576 for optional flange dimensions

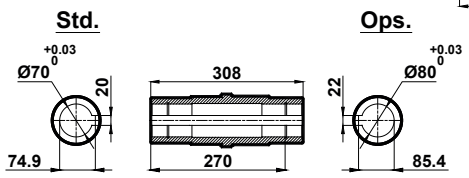
* Dimension " k1" is for motors with brake.



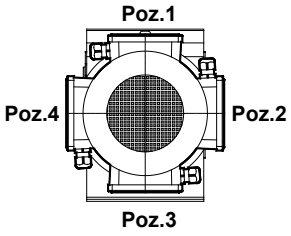
Tapped center hole to DIN 332, sheet 2

KR674.00





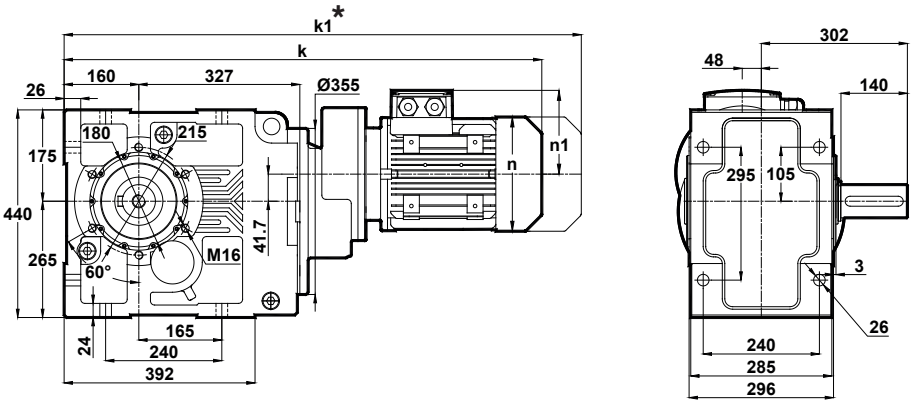
Terminal Box Positions

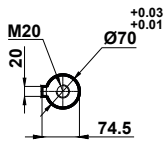


80-90-100 Type

	80	90S	90L	100L
k	829.5	868.5	868.5	913.5
k1	922.5	972	972	1022
n	155	176	176	193
n1	123	132	132	149

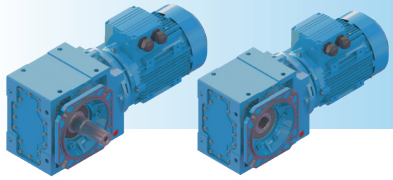
KR674.01





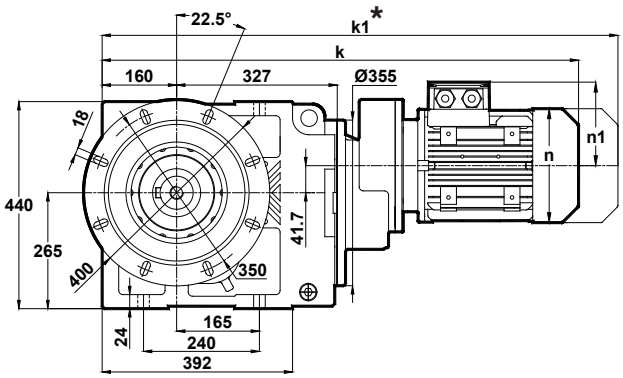
	80	90S	90L	100L
k	829.5	868.5	868.5	913.5
k1	922.5	972	972	1022
n	155	176	176	193
n1	123	132	132	149

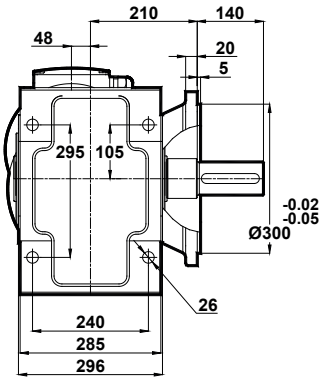
* Dimension " k1" is for motors with brake.

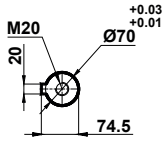


Tapped center hole to DIN 332, sheet 2

KR674.02

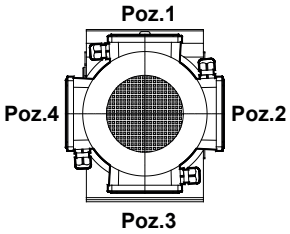






	80	90S	90L	100L
k	829.5	868.5	868.5	913.5
k1	922.5	972	972	1022
n	155	176	176	193
n1	123	132	132	149

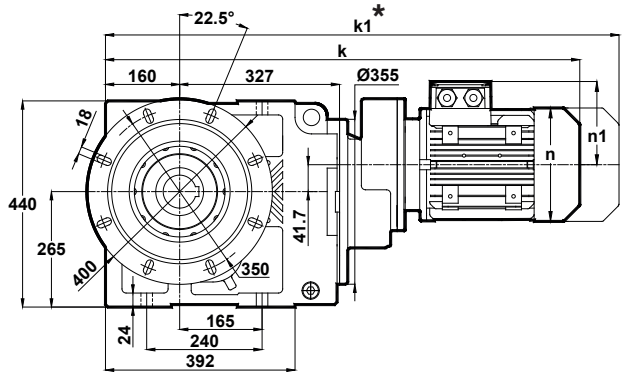
Terminal Box Positions

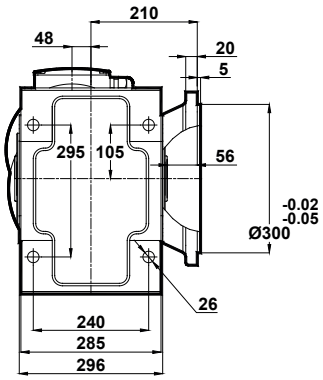


80-90-100
Type

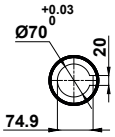
Please see on page 576 for optional flange dimensions

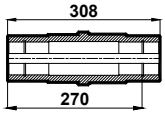
KR674.03



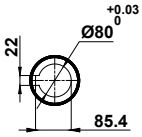


Std.





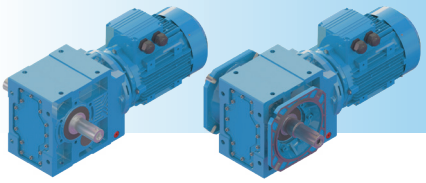
Ops.



	80	90S	90L	100L
k	829.5	868.5	868.5	913.5
k1	922.5	972	972	1022
n	155	176	176	193
n1	123	132	132	149

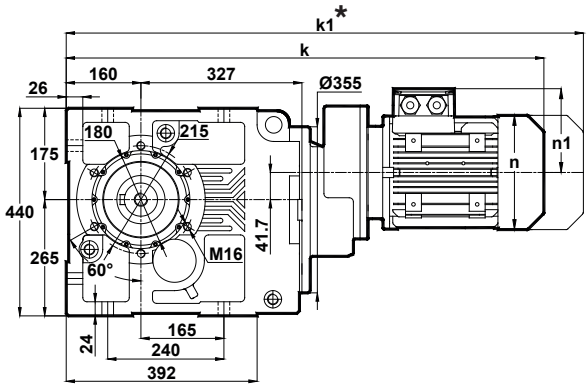
Please see on page 576 for optional flange dimensions

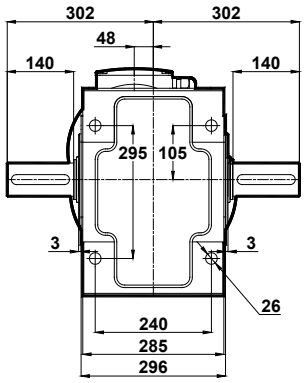
* Dimension " k1" is for motors with brake.

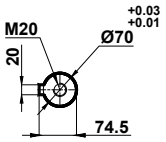


Tapped center hole to DIN 332, sheet 2

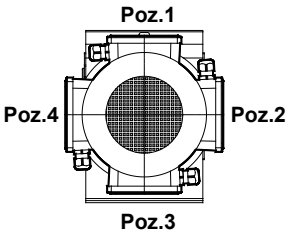
KR674.04







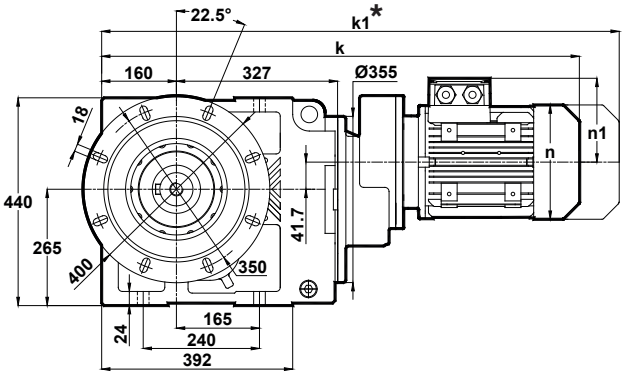
Terminal Box Positions

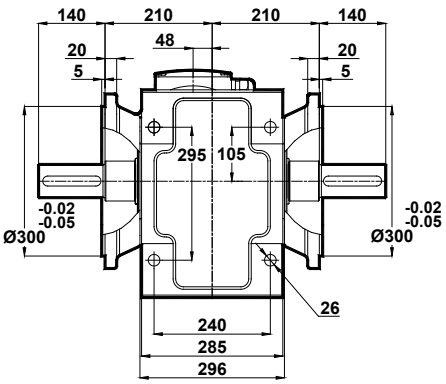


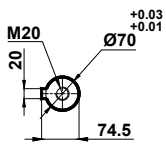
80-90-100
Type

	80	90S	90L	100L
k	829.5	868.5	868.5	913.5
k1	922.5	972	972	1022
n	155	176	176	193
n1	123	132	132	149

KR674.05



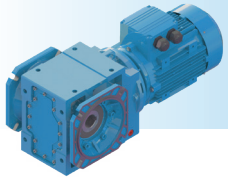




Please see on page 576 for optional flange dimensions

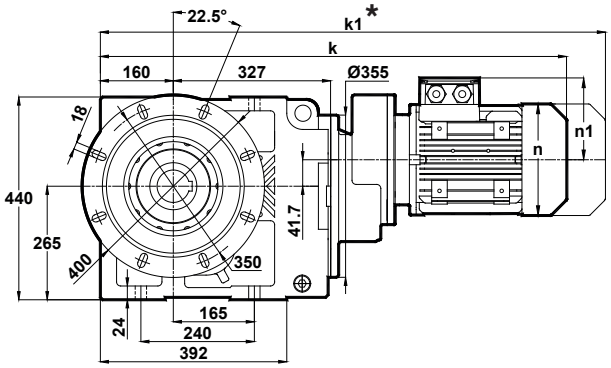
	80	90S	90L	100L
k	829.5	868.5	868.5	913.5
k1	922.5	972	972	1022
n	155	176	176	193
n1	123	132	132	149

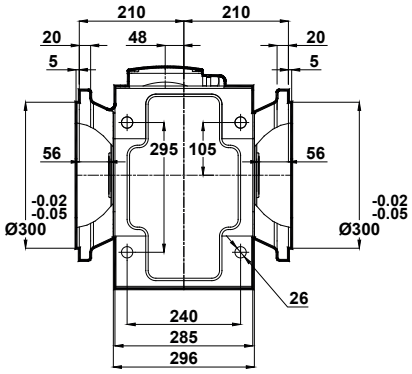
* Dimension " k1" is for motors with brake.

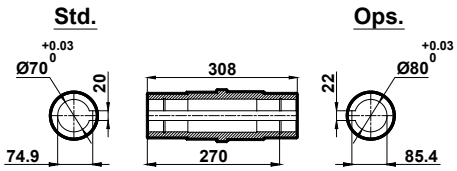


Tapped center hole to DIN 332, sheet 2

KR674.08

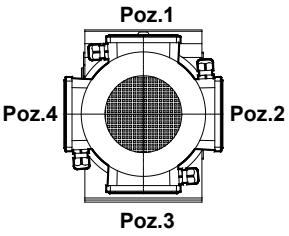






	80	90S	90L	100L
k	829.5	868.5	868.5	913.5
k1	922.5	972	972	1022
n	155	176	176	193
n1	123	132	132	149

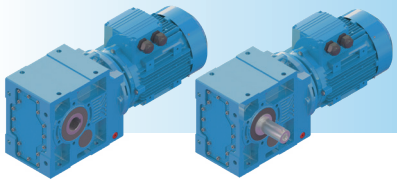
Terminal Box Positions



80-90-100
Type

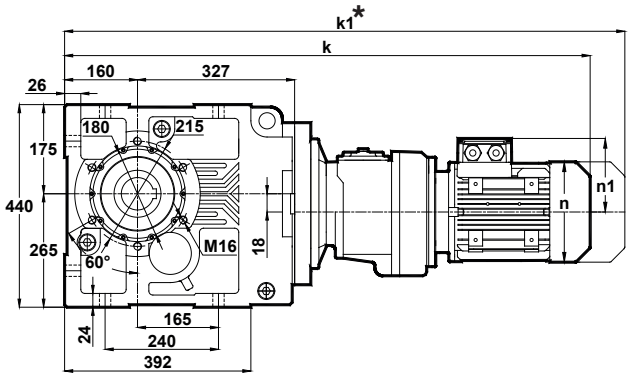
Please see on page 576 for optional flange dimensions

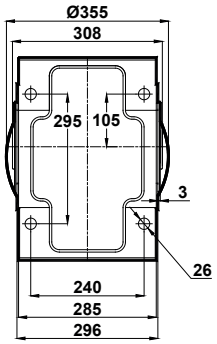
* Dimension " k1" is for motors with brake.



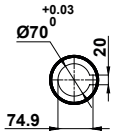
Tapped center hole to DIN 332, sheet 2

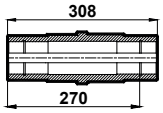
KR675.00
KR676.00



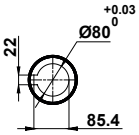


Std.

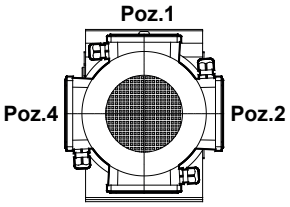




Ops.



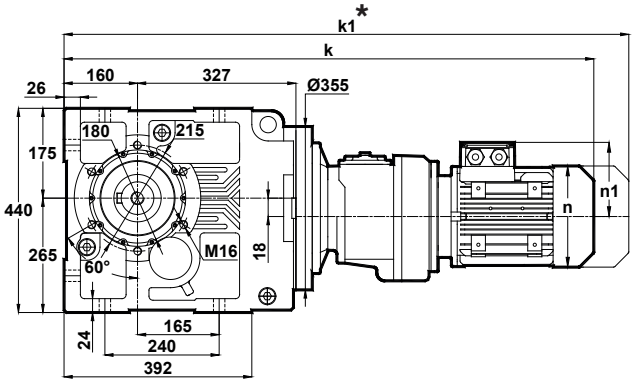
Terminal Box Positions

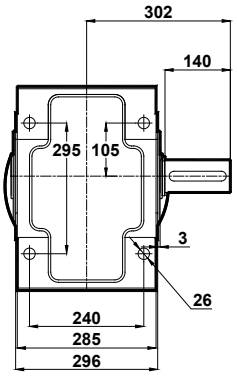


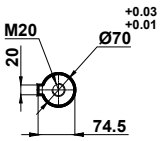
71-80-90
Type

	71	80	90S
k	941.5	975.5	1014.5
k1	1032.5	1068.5	1118
n	137	155	176
n1	112	123	132

KR675.01
KR676.01

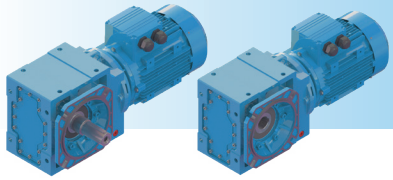






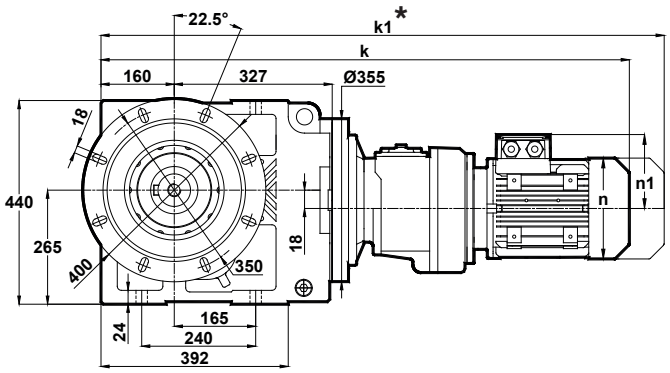
	71	80	90S
k	941.5	975.5	1014.5
k1	1032.5	1068.5	1118
n	137	155	176
n1	112	123	132

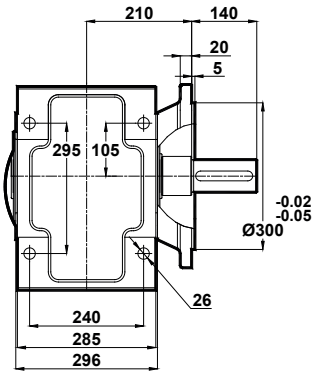
* Dimension " k1" is for motors with brake.

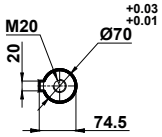


Tapped center hole to DIN 332, sheet 2

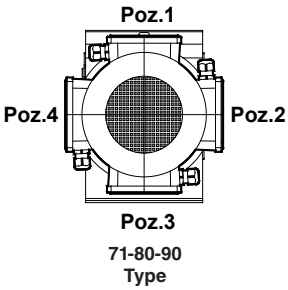
KR675.02
KR676.02







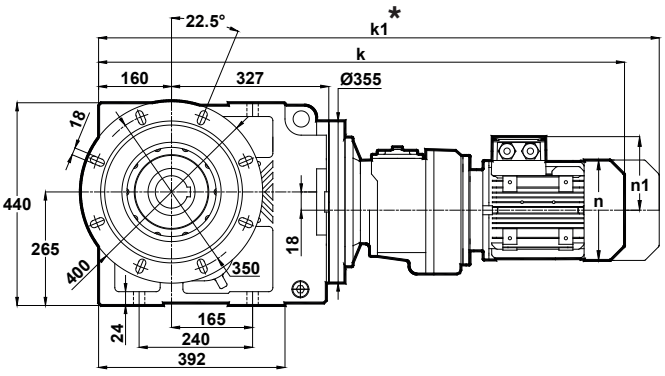
Terminal Box Positions

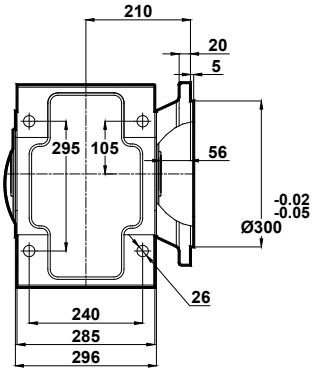


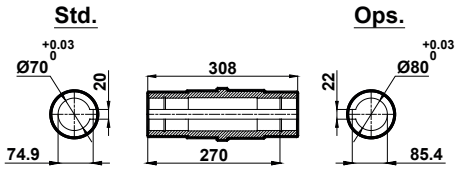
	71	80	90S
k	941.5	975.5	1014.5
k1	1032.5	1068.5	1118
n	137	155	176
n1	112	123	132

Please see on page 576 for optional flange dimensions

KR675.03
KR676.03



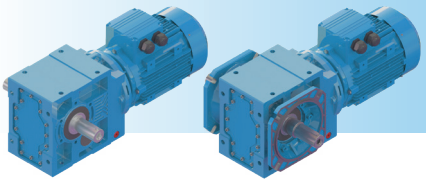




	71	80	90S
k	941.5	975.5	1014.5
k1	1032.5	1068.5	1118
n	137	155	176
n1	112	123	132

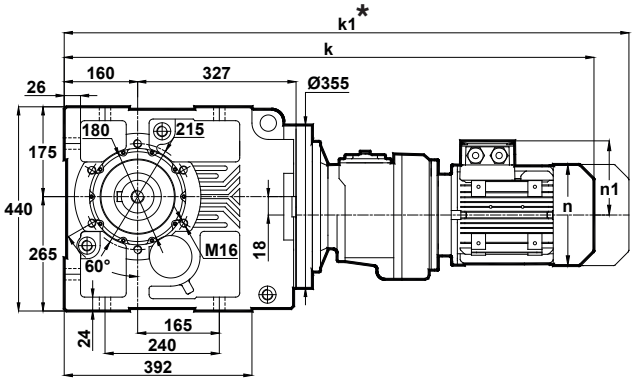
Please see on page 576 for optional flange dimensions

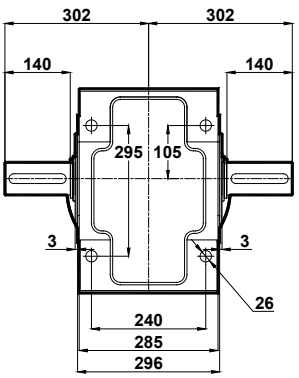
* Dimension " k1" is for motors with brake.

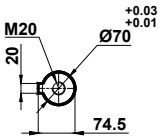


Tapped center hole to DIN 332, sheet 2

KR675.04
KR676.04

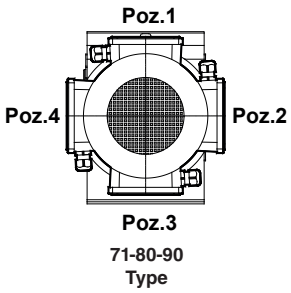






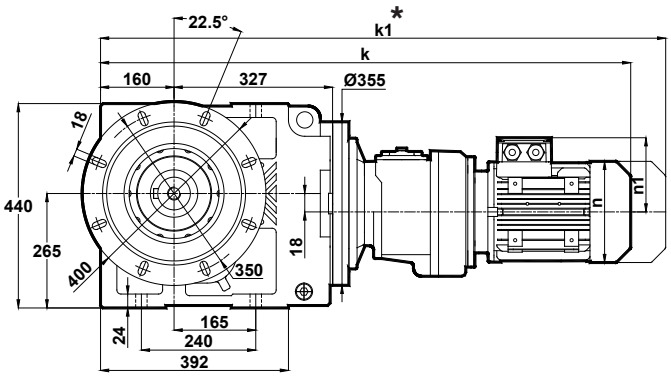
	71	80	90S
k	941.5	975.5	1014.5
k1	1032.5	1068.5	1118
n	137	155	176
n1	112	123	132

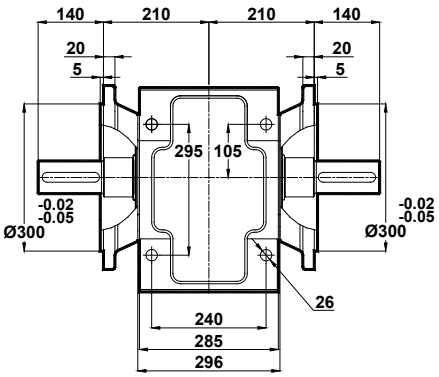
Terminal Box Positions

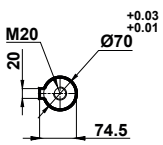


71-80-90
Type

KR675.05
KR676.05



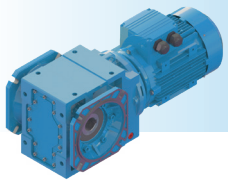




Please see on page 576 for optional flange dimensions

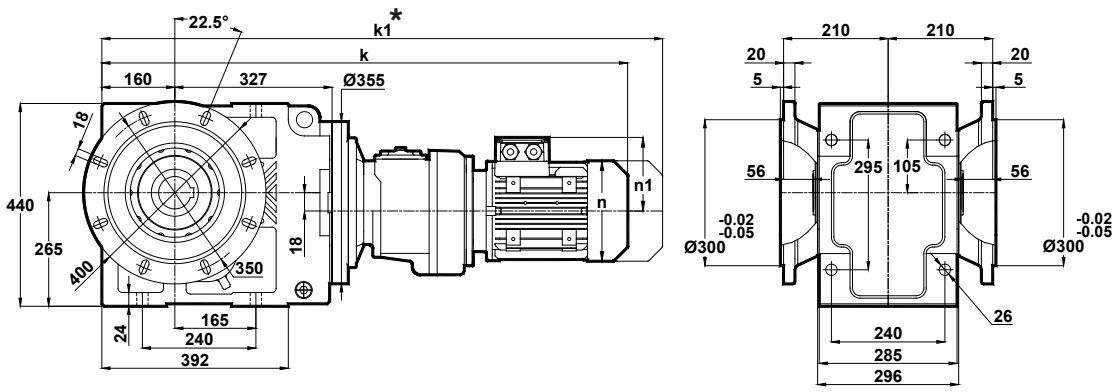
	71	80	90S
k	941.5	975.5	1014.5
k1	1032.5	1068.5	1118
n	137	155	176
n1	112	123	132

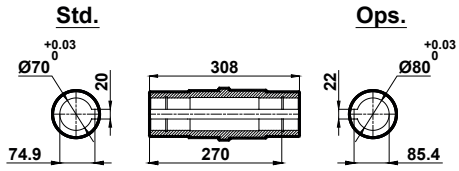
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

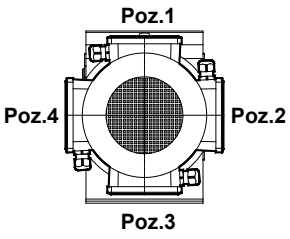
KR675.08
KR676.08





	71	80	90S
k	941.5	975.5	1014.5
k1	1032.5	1068.5	1118
n	137	155	176
n1	112	123	132

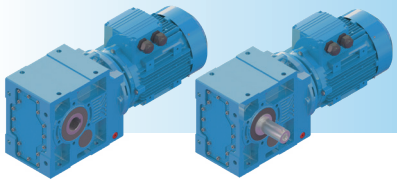
Terminal Box Positions



71-80-90
Type

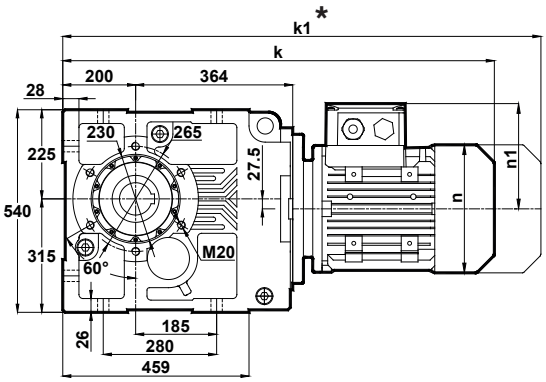
Please see on page 576 for optional flange dimensions

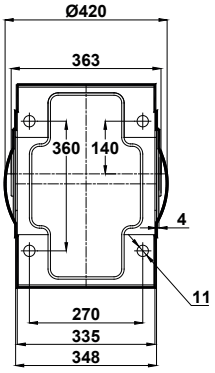
* Dimension " k1" is for motors with brake.

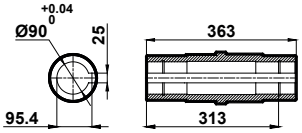


Tapped center hole to DIN 332, sheet 2

KR773.00

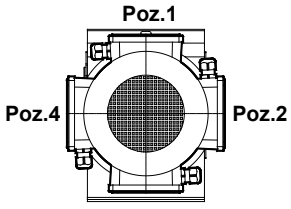






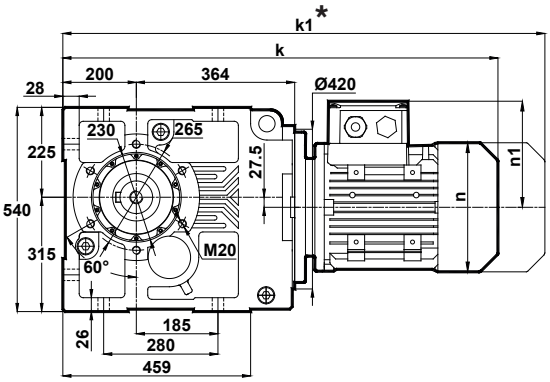
	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M
k	980.5	980.5	1076.5	1076.5	1148.5	1148.5	1194.5	1221.5	1246.5	1338.5
k1	1110.5	1110.5	1224.5	1224.5	1307	1307	1381	1386.5	1411.5	1509
n	257	257	316	316	348	348	396	438	438	481
n1	181	181	224	224	250	250	287	316	316	335

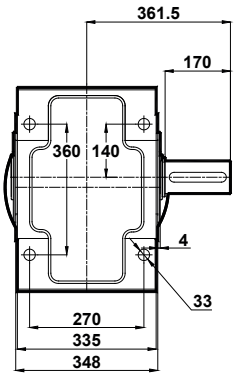
Terminal Box Positions

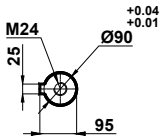


132-160-180-200-225-250
Type

KR773.01

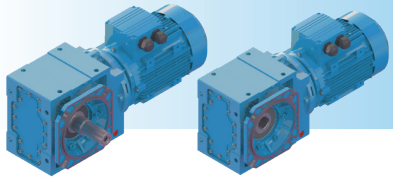






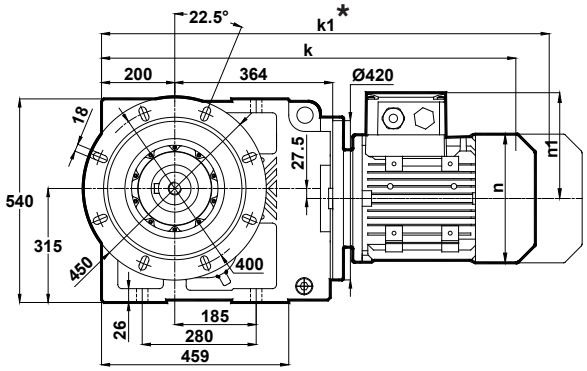
	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M
k	980.5	980.5	1076.5	1076.5	1148.5	1148.5	1194.5	1221.5	1246.5	1338.5
k1	1110.5	1110.5	1224.5	1224.5	1307	1307	1381	1386.5	1411.5	1509
n	257	257	316	316	348	348	396	438	438	481
n1	181	181	224	224	250	250	287	316	316	335

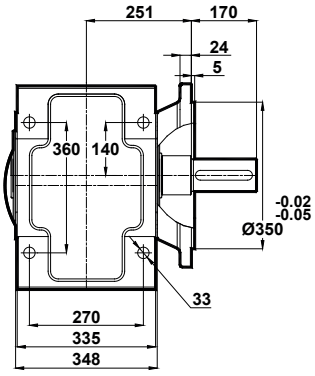
* Dimension " k1" is for motors with brake.

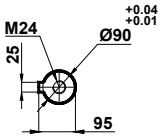


Tapped center hole to DIN 332, sheet 2

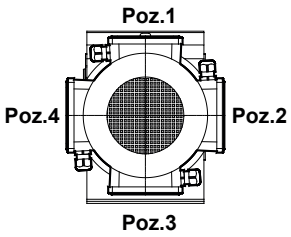
KR773.02







Terminal Box Positions

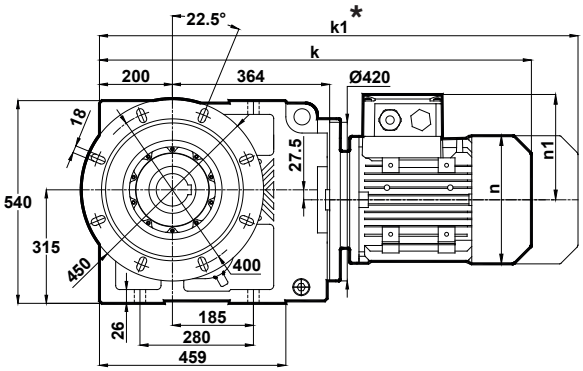


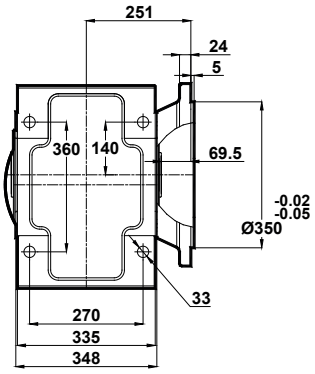
132-160-180-200-225-250
Type

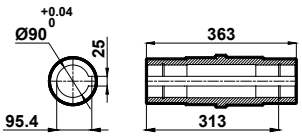
	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M
k	980.5	980.5	1076.5	1076.5	1148.5	1148.5	1194.5	1221.5	1246.5	1338.5
k1	1110.5	1110.5	1224.5	1224.5	1307	1307	1381	1386.5	1411.5	1509
n	257	257	316	316	348	348	396	438	438	481
n1	181	181	224	224	250	250	287	316	316	335

Please see on page 576 for optional flange dimensions

KR773.03



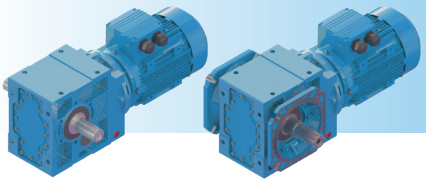




	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M
k	980.5	980.5	1076.5	1076.5	1148.5	1148.5	1194.5	1221.5	1246.5	1338.5
k1	1110.5	1110.5	1224.5	1224.5	1307	1307	1381	1386.5	1411.5	1509
n	257	257	316	316	348	348	396	438	438	481
n1	181	181	224	224	250	250	287	316	316	335

Please see on page 576 for optional flange dimensions

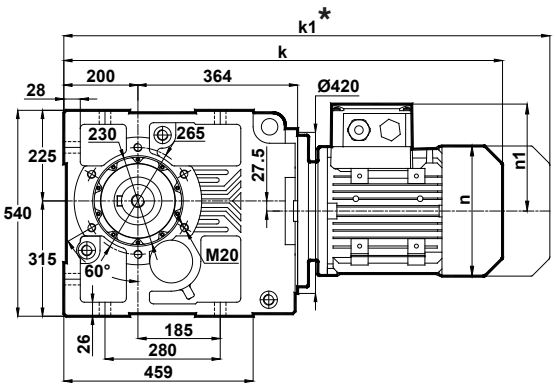
* Dimension " k1" is for motors with brake.

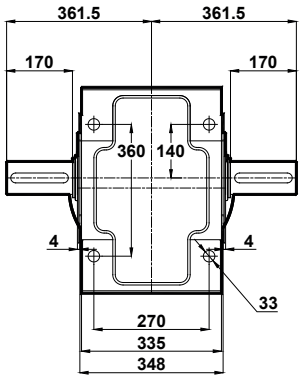


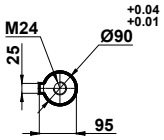
KR - DIMENSION PAGES

Tapped center hole to DIN 332, sheet 2

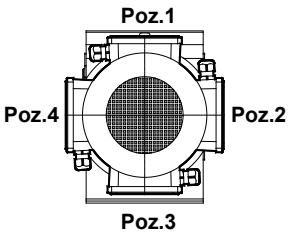
KR773.04







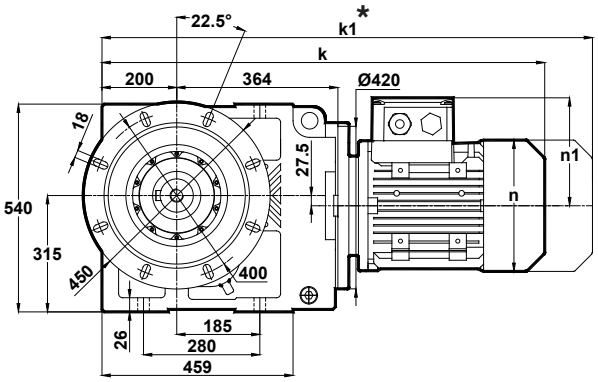
Terminal Box Positions

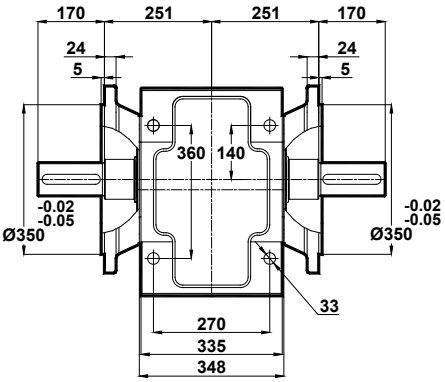


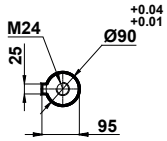
132-160-180-200-225-250
Type

	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M
k	980.5	980.5	1076.5	1076.5	1148.5	1148.5	1194.5	1221.5	1246.5	1338.5
k1	1110.5	1110.5	1224.5	1224.5	1307	1307	1381	1386.5	1411.5	1509
n	257	257	316	316	348	348	396	438	438	481
n1	181	181	224	224	250	250	287	316	316	335

KR773.05



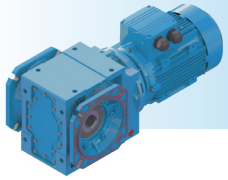




Please see on page 576 for optional flange dimensions

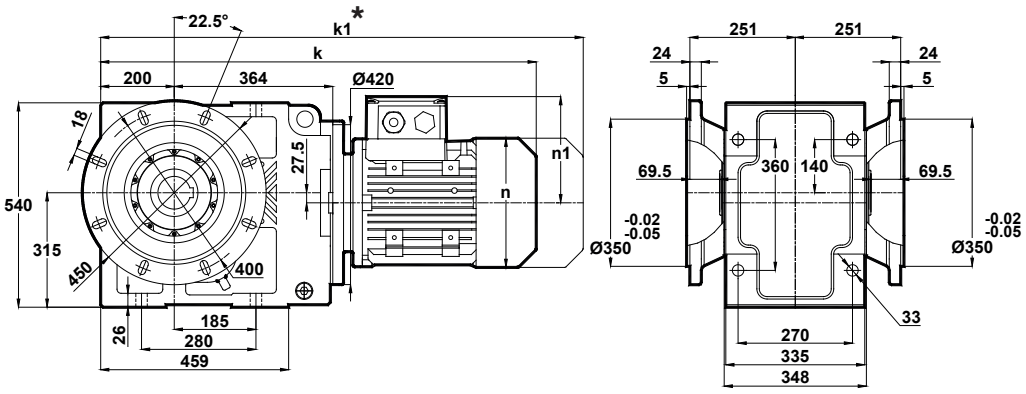
	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M
k	980.5	980.5	1076.5	1076.5	1148.5	1148.5	1194.5	1221.5	1246.5	1338.5
k1	1110.5	1110.5	1224.5	1224.5	1307	1307	1381	1386.5	1411.5	1509
n	257	257	316	316	348	348	396	438	438	481
n1	181	181	224	224	250	250	287	316	316	335

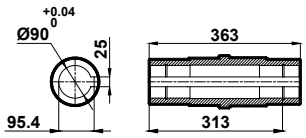
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

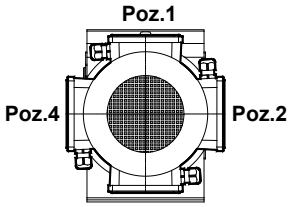
KR773.08





	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M
k	980.5	980.5	1076.5	1076.5	1148.5	1148.5	1194.5	1221.5	1246.5	1338.5
k1	1110.5	1110.5	1224.5	1224.5	1307	1307	1381	1386.5	1411.5	1509
n	257	257	316	316	348	348	396	438	438	481
n1	181	181	224	224	250	250	287	316	316	335

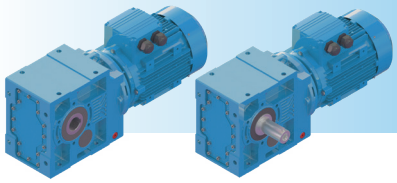
Terminal Box Positions



132-160-180-200-225-250
Type

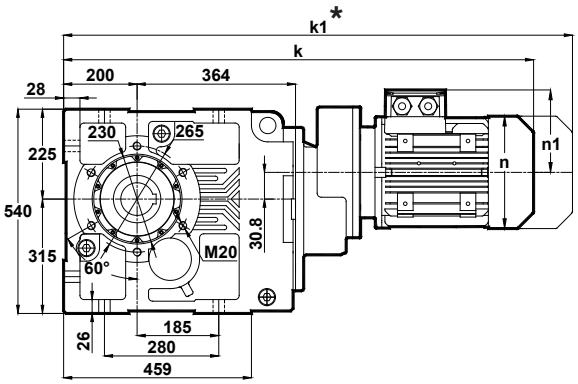
Please see on page 576 for optional flange dimensions

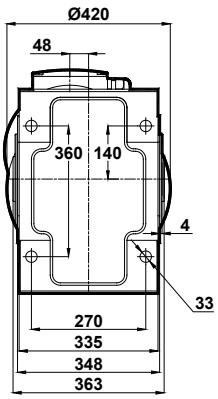
* Dimension " k1" is for motors with brake.

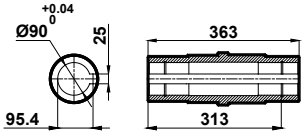


Tapped center hole to DIN 332, sheet 2

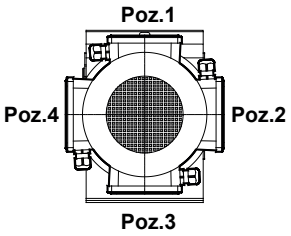
KR774.00







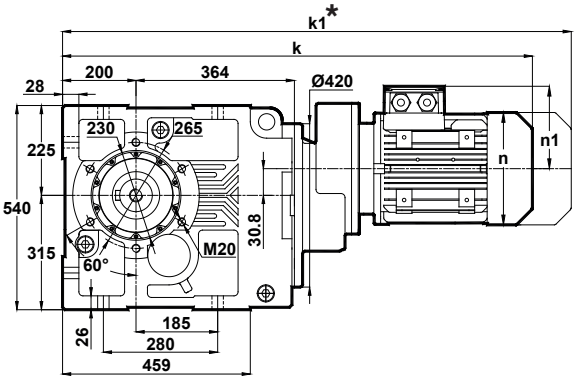
Terminal Box Positions

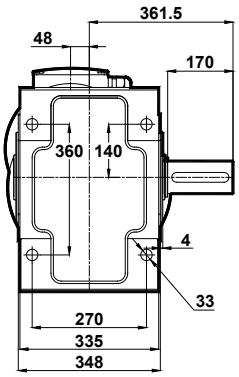


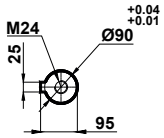
90-100-112-132 Type

	90S	90L	100L	112M	132S	132M
k	945.5	945.5	990.5	1014.5	1099.5	1099.5
k1	1049	1049	1099	1119	1229.5	1229.5
n	176	176	193	215	257	257
n1	132	132	149	161	181	181

KR774.01

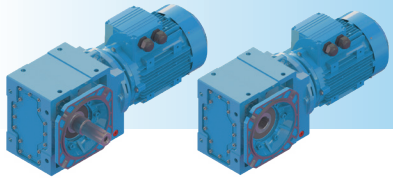






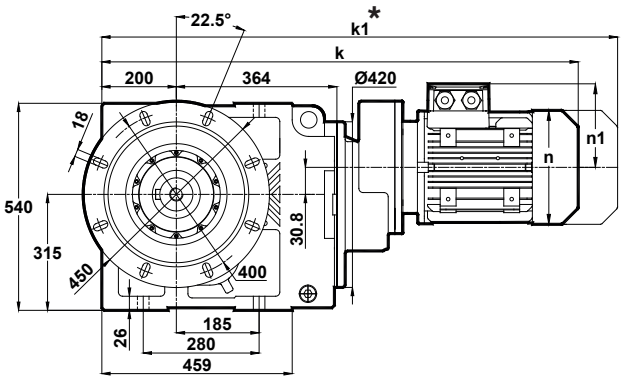
	90S	90L	100L	112M	132S	132M
k	945.5	945.5	990.5	1014.5	1099.5	1099.5
k1	1049	1049	1099	1119	1229.5	1229.5
n	176	176	193	215	257	257
n1	132	132	149	161	181	181

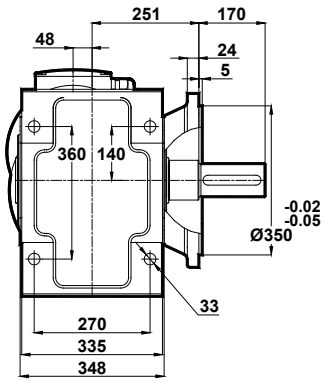
* Dimension " k1" is for motors with brake.

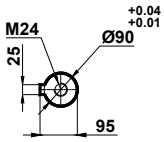


Tapped center hole to DIN 332, sheet 2

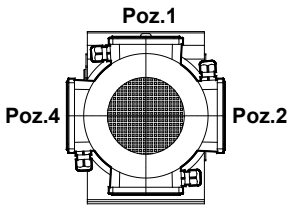
KR774.02







Terminal Box Positions

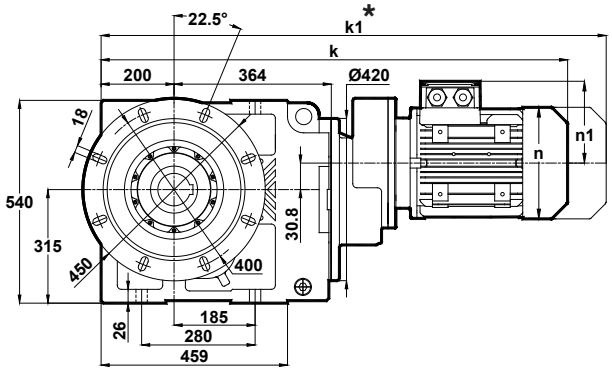


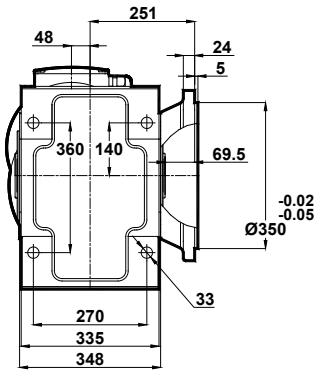
90-100-112-132
Type

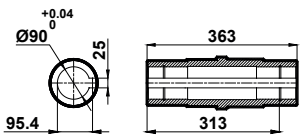
	90S	90L	100L	112M	132S	132M
k	945.5	945.5	990.5	1014.5	1099.5	1099.5
k1	1049	1049	1099	1119	1229.5	1229.5
n	176	176	193	215	257	257
n1	132	132	149	161	181	181

Please see on page 576 for optional flange dimensions

KR774.03



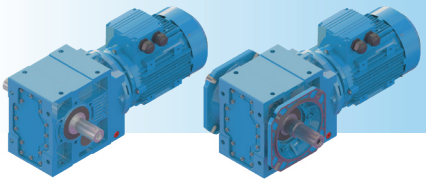




	90S	90L	100L	112M	132S	132M
k	945.5	945.5	990.5	1014.5	1099.5	1099.5
k1	1049	1049	1099	1119	1229.5	1229.5
n	176	176	193	215	257	257
n1	132	132	149	161	181	181

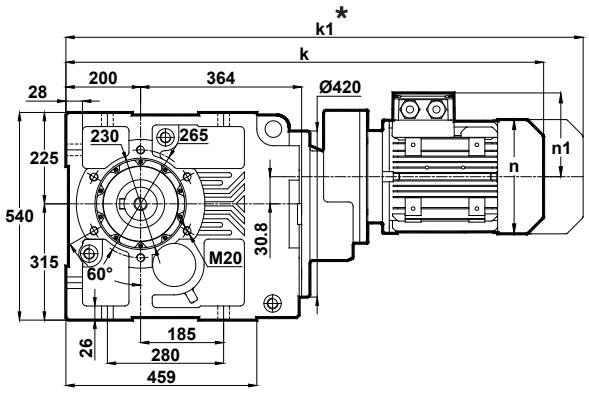
Please see on page 576 for optional flange dimensions

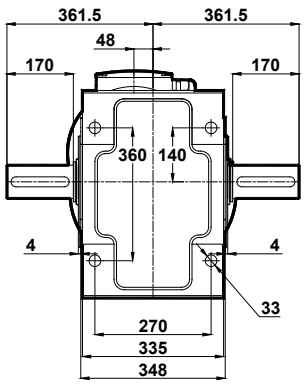
* Dimension " k1" is for motors with brake.

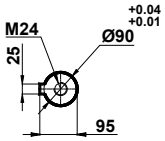


Tapped center hole to DIN 332, sheet 2

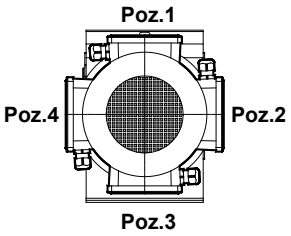
KR774.04







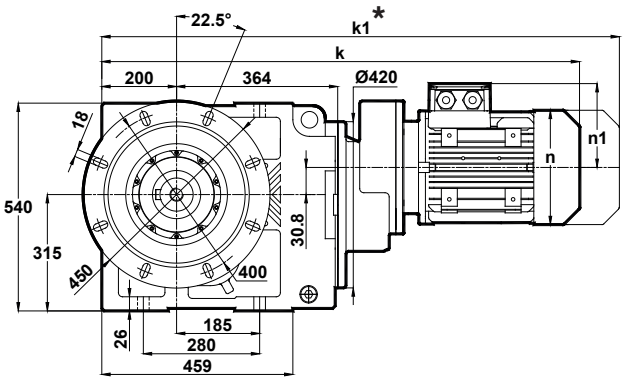
Terminal Box Positions

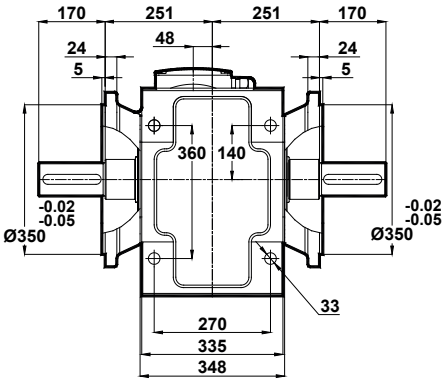


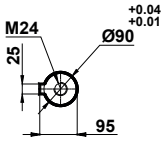
90-100-112-132 Type

	90S	90L	100L	112M	132S	132M
k	945.5	945.5	990.5	1014.5	1099.5	1099.5
k1	1049	1049	1099	1119	1229.5	1229.5
n	176	176	193	215	257	257
n1	132	132	149	161	181	181

KR774.05



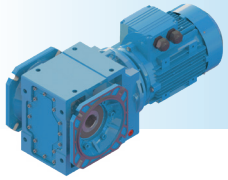




Please see on page 576 for optional flange dimensions

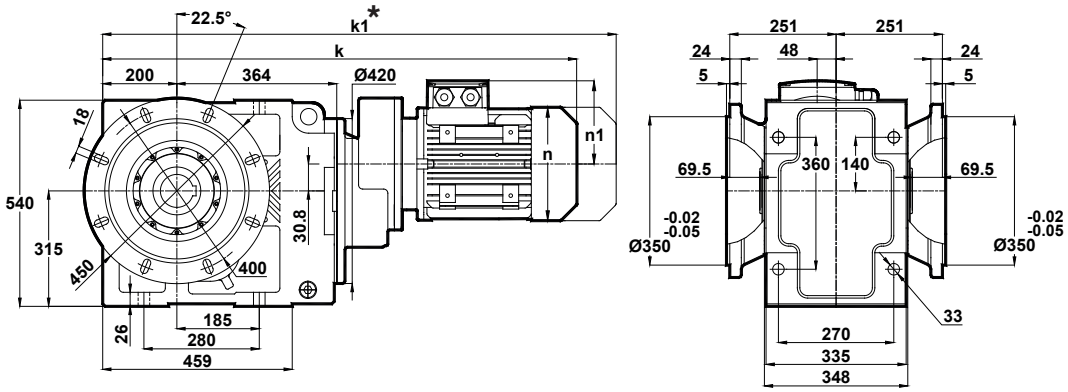
	90S	90L	100L	112M	132S	132M
k	945.5	945.5	990.5	1014.5	1099.5	1099.5
k1	1049	1049	1099	1119	1229.5	1229.5
n	176	176	193	215	257	257
n1	132	132	149	161	181	181

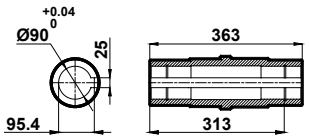
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

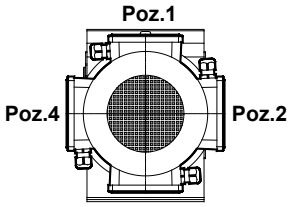
KR774.08





	90S	90L	100L	112M	132S	132M
k	945.5	945.5	990.5	1014.5	1099.5	1099.5
k1	1049	1049	1099	1119	1229.5	1229.5
n	176	176	193	215	257	257
n1	132	132	149	161	181	181

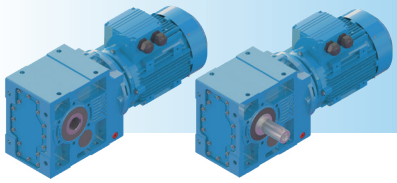
Terminal Box Positions



90-100-112-132
Type

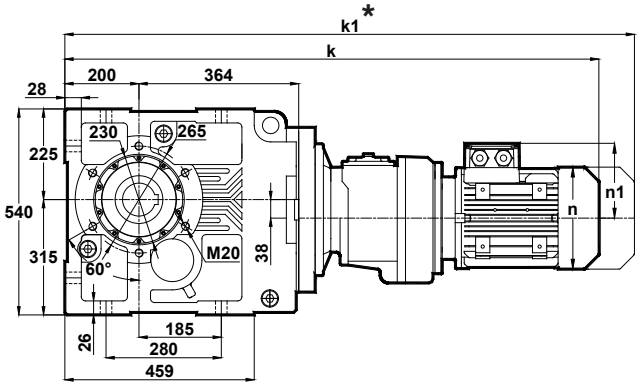
Please see on page 576 for optional flange dimensions

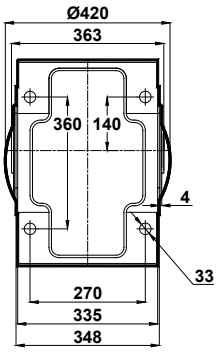
* Dimension " k1" is for motors with brake.

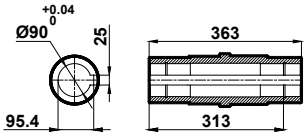


Tapped center hole to DIN 332, sheet 2

KR775.00
KR776.00

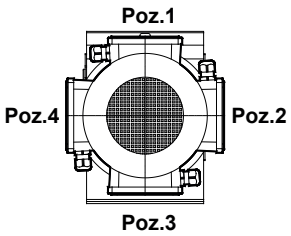






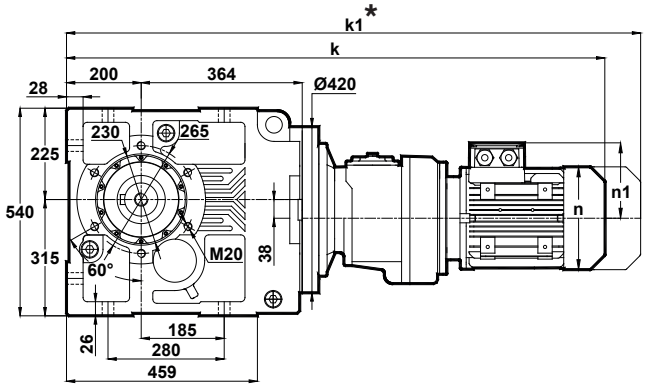
	71	80	90S	90L	100L
k	1018.5	1052.5	1091.5	1091.5	1139.5
k1	1109.5	1145.5	1195	1195	1248
n	137	155	176	176	193
n1	112	123	132	132	149

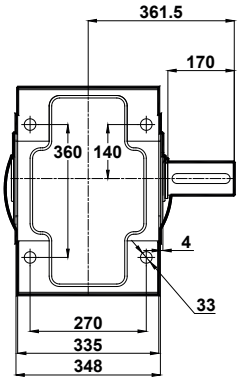
Terminal Box Positions

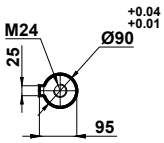


71-80-90-100
Type

KR775.01
KR776.01

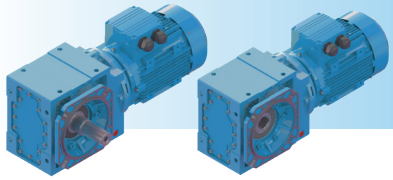






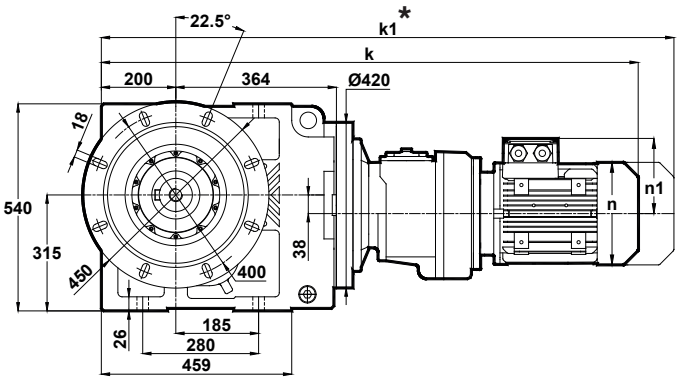
	71	80	90S	90L	100L
k	1018.5	1052.5	1091.5	1091.5	1139.5
k1	1109.5	1145.5	1195	1195	1248
n	137	155	176	176	193
n1	112	123	132	132	149

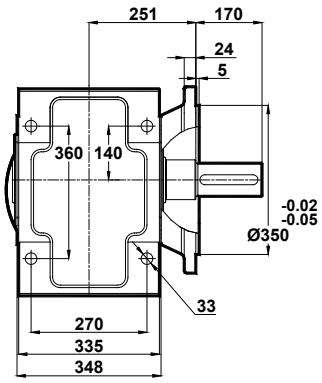
* Dimension " k1" is for motors with brake.

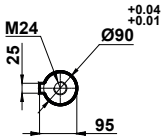


Tapped center hole to DIN 332, sheet 2

KR775.02
KR776.02

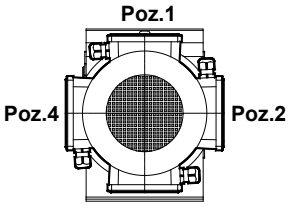






	71	80	90S	90L	100L
k	1018.5	1052.5	1091.5	1091.5	1139.5
k1	1109.5	1145.5	1195	1195	1248
n	137	155	176	176	193
n1	112	123	132	132	149

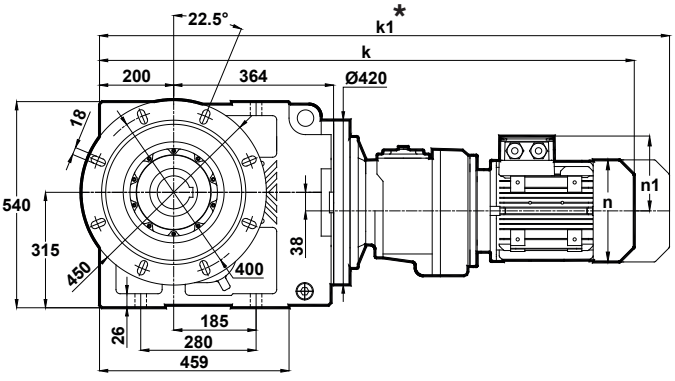
Terminal Box Positions

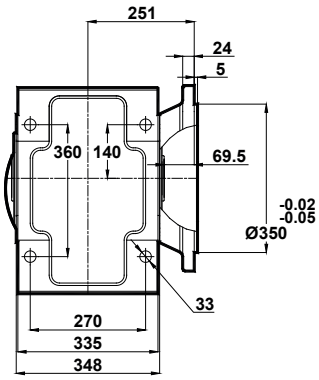


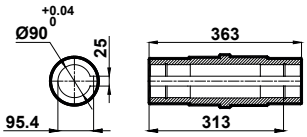
71-80-90-100
Type

Please see on page 576 for optional flange dimensions

KR775.03
KR776.03



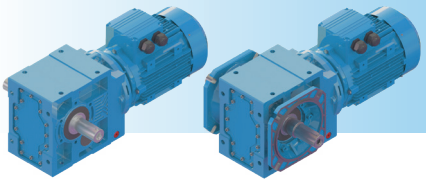




	71	80	90S	90L	100L
k	1018.5	1052.5	1091.5	1091.5	1139.5
k1	1109.5	1145.5	1195	1195	1248
n	137	155	176	176	193
n1	112	123	132	132	149

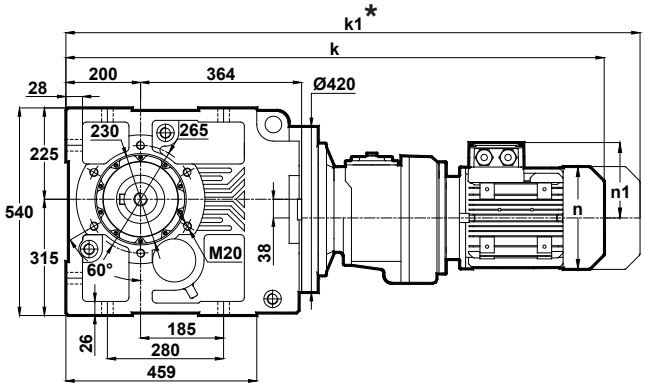
Please see on page 576 for optional flange dimensions

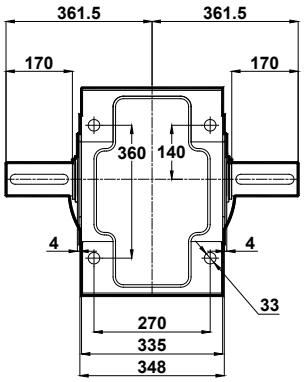
* Dimension " k1" is for motors with brake.

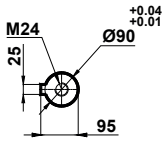


Tapped center hole to DIN 332, sheet 2

KR775.04
KR776.04

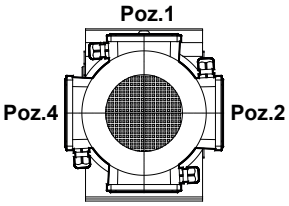






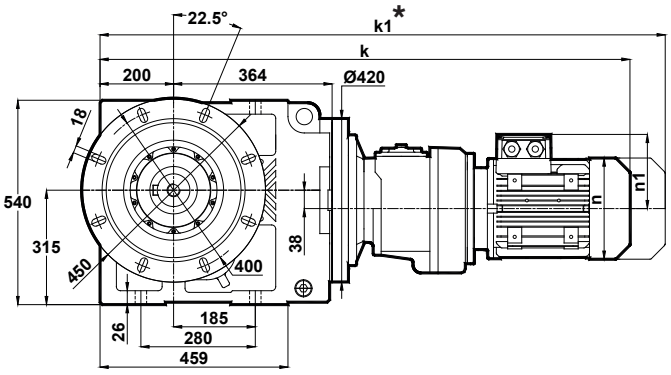
	71	80	90S	90L	100L
k	1018.5	1052.5	1091.5	1091.5	1139.5
k1	1109.5	1145.5	1195	1195	1248
n	137	155	176	176	193
n1	112	123	132	132	149

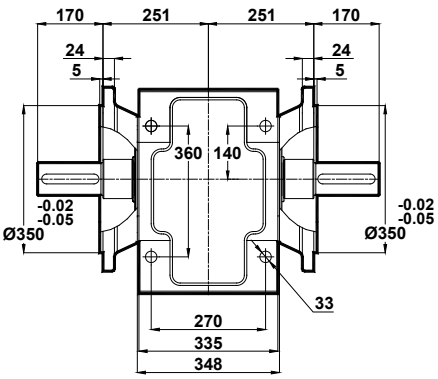
Terminal Box Positions

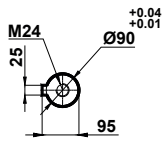


71-80-90-100
Type

KR775.05
KR776.05



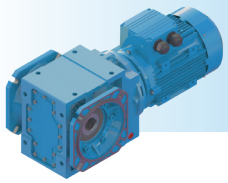




Please see on page 576 for optional flange dimensions

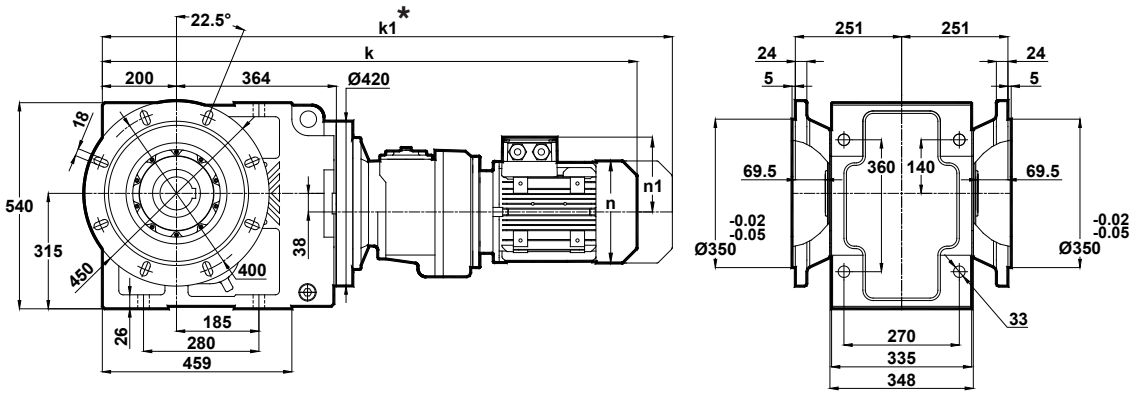
	71	80	90S	90L	100L
k	1018.5	1052.5	1091.5	1091.5	1139.5
k1	1109.5	1145.5	1195	1195	1248
n	137	155	176	176	193
n1	112	123	132	132	149

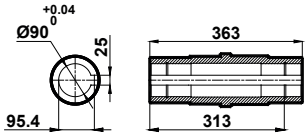
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

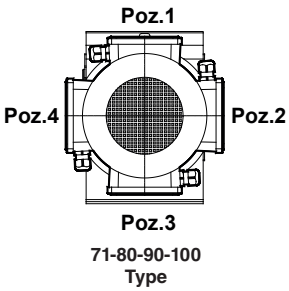
KR775.08
KR776.08





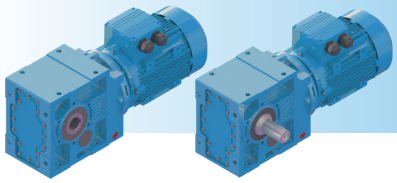
	71	80	90S	90L	100L
k	1018.5	1052.5	1091.5	1091.5	1139.5
k1	1109.5	1145.5	1195	1195	1248
n	137	155	176	176	193
n1	112	123	132	132	149

Terminal Box Positions



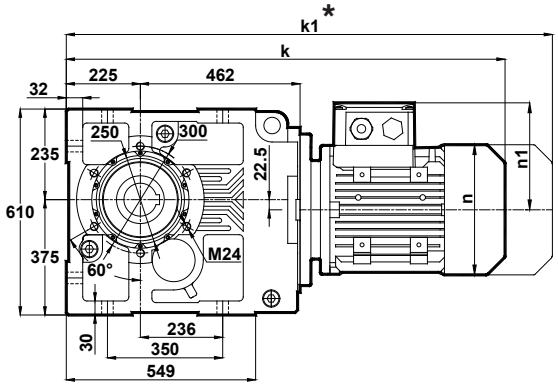
Please see on page 576 for optional flange dimensions

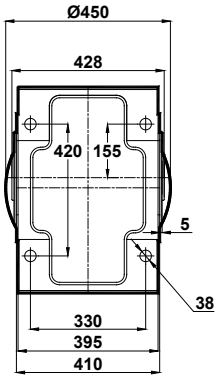
* Dimension " k1" is for motors with brake.

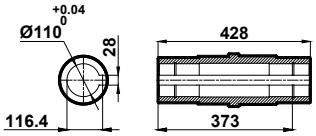


Tapped center hole to DIN 332, sheet 2

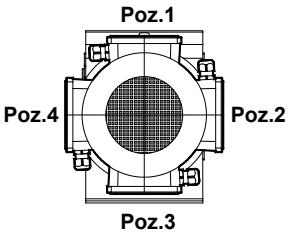
KR873.00







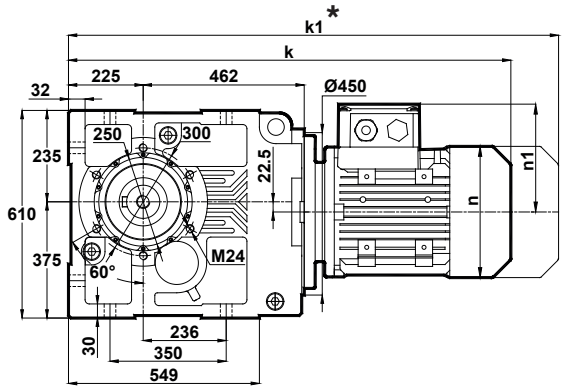
Terminal Box Positions

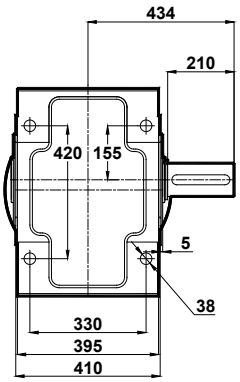


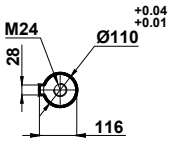
132-160-180-200-225-250-280
Type

	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M
k	1187.5	1187.5	1259.5	1259.5	1305.5	1335	1360	1450.5	1512.5	1512.5
k1	1335.5	1335.5	1418	1418	1492	1500	1525	1621	1685.5	1691.5
n	316	316	348	348	396	438	438	481	547	547
n1	224	224	250	250	287	316	316	335	402	402

KR873.01

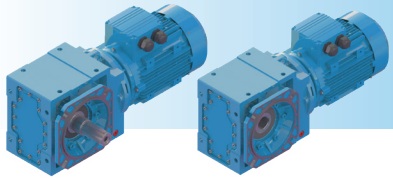






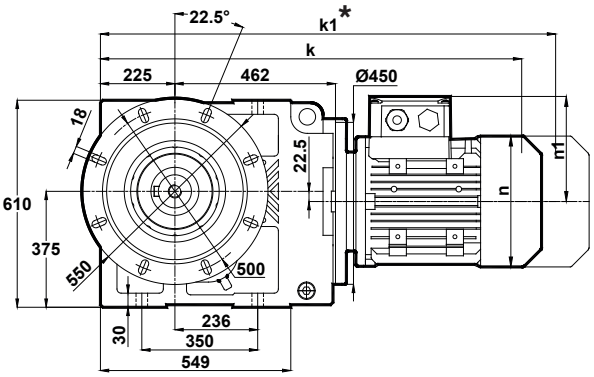
	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M
k	1187.5	1187.5	1259.5	1259.5	1305.5	1335	1360	1450.5	1512.5	1512.5
k1	1335.5	1335.5	1418	1418	1492	1500	1525	1621	1685.5	1691.5
n	316	316	348	348	396	438	438	481	547	547
n1	224	224	250	250	287	316	316	335	402	402

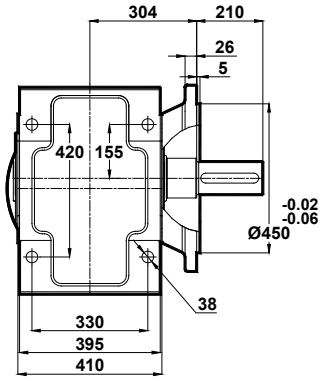
* Dimension " k1" is for motors with brake.

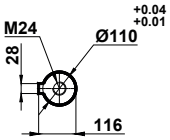


Tapped center hole to DIN 332, sheet 2

KR873.02

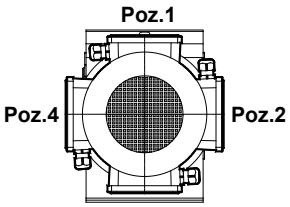






	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M
k	1187.5	1187.5	1259.5	1259.5	1305.5	1335	1360	1450.5	1512.5	1512.5
k1	1335.5	1335.5	1418	1418	1492	1500	1525	1621	1685.5	1691.5
n	316	316	348	348	396	438	438	481	547	547
n1	224	224	250	250	287	316	316	335	402	402

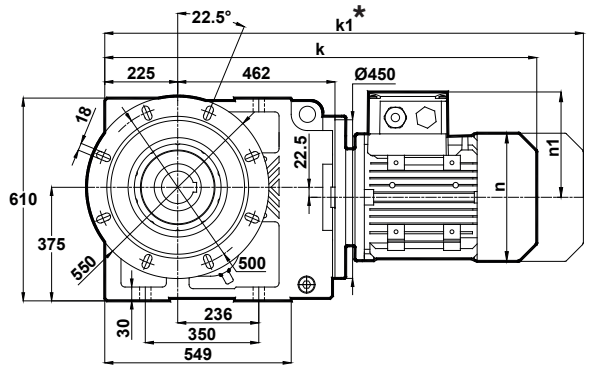
Terminal Box Positions

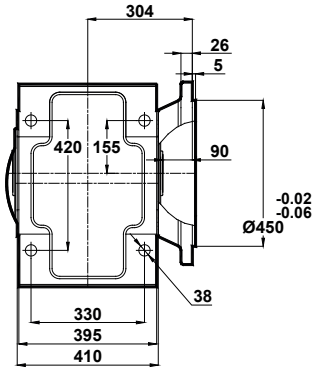


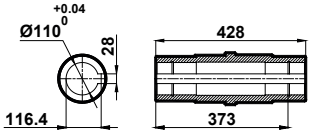
132-160-180-200-225-250-280
Type

Please see on page 576 for optional flange dimensions

KR873.03



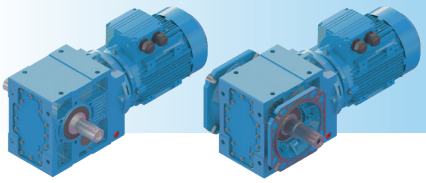




	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M
k	1187.5	1187.5	1259.5	1259.5	1305.5	1335	1360	1450.5	1512.5	1512.5
k1	1335.5	1335.5	1418	1418	1492	1500	1525	1621	1685.5	1691.5
n	316	316	348	348	396	438	438	481	547	547
n1	224	224	250	250	287	316	316	335	402	402

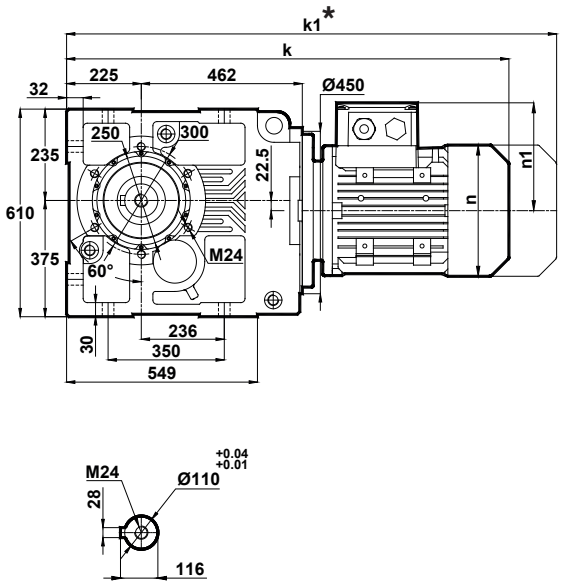
Please see on page 576 for optional flange dimensions

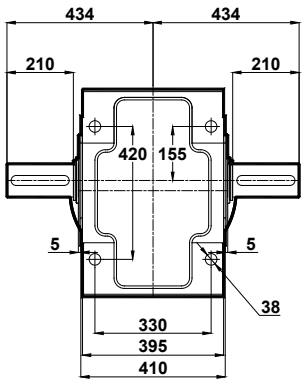
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

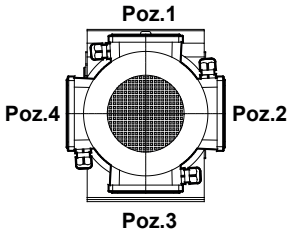
KR873.04





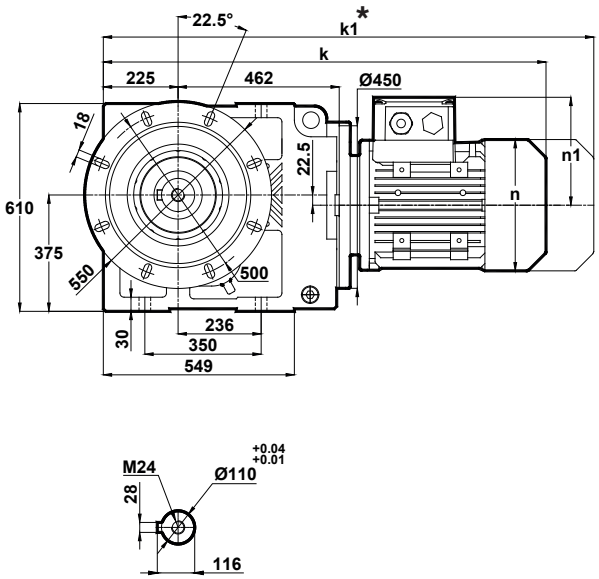
	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M
k	1187.5	1187.5	1259.5	1259.5	1305.5	1335	1360	1450.5	1512.5	1512.5
k1	1335.5	1335.5	1418	1418	1492	1500	1525	1621	1685.5	1691.5
n	316	316	348	348	396	438	438	481	547	547
n1	224	224	250	250	287	316	316	335	402	402

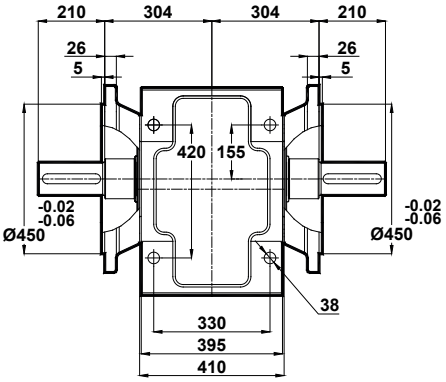
Terminal Box Positions



132-160-180-200-225-250-280
Type

KR873.05

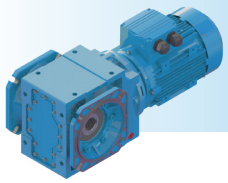




Please see on page 576 for optional flange dimensions

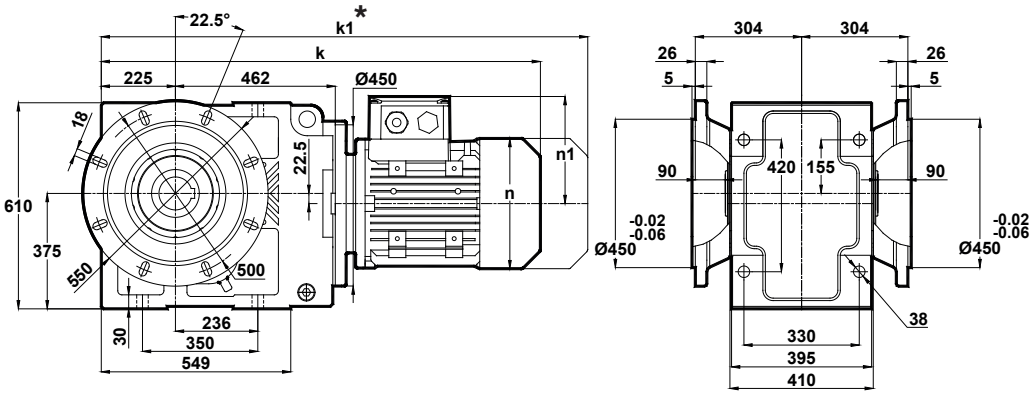
	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M
k	1187.5	1187.5	1259.5	1259.5	1305.5	1335	1360	1450.5	1512.5	1512.5
k1	1335.5	1335.5	1418	1418	1492	1500	1525	1621	1685.5	1691.5
n	316	316	348	348	396	438	438	481	547	547
n1	224	224	250	250	287	316	316	335	402	402

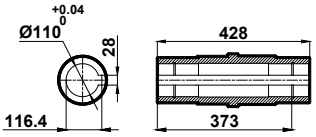
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

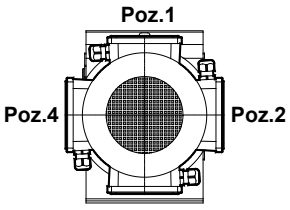
KR873.08





	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M
k	1187.5	1187.5	1259.5	1259.5	1305.5	1335	1360	1450.5	1512.5	1512.5
k1	1335.5	1335.5	1418	1418	1492	1500	1525	1621	1685.5	1691.5
n	316	316	348	348	396	438	438	481	547	547
n1	224	224	250	250	287	316	316	335	402	402

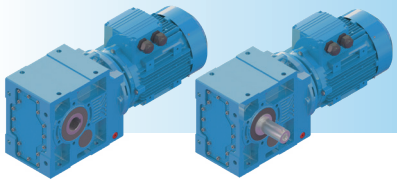
Terminal Box Positions



132-160-180-200-225-250-280
Type

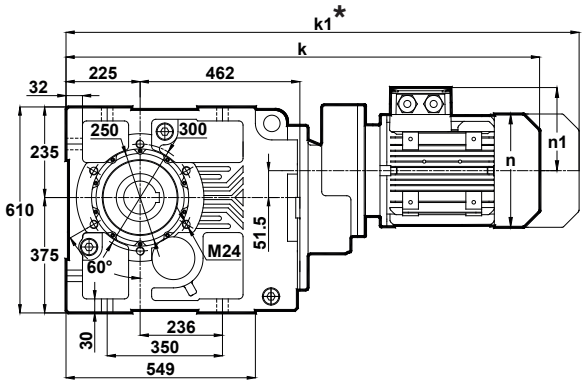
Please see on page 576 for optional flange dimensions

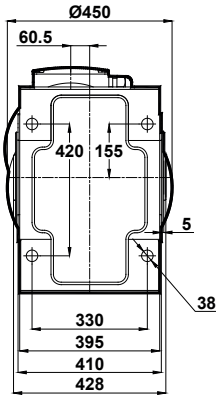
* Dimension " k1" is for motors with brake.

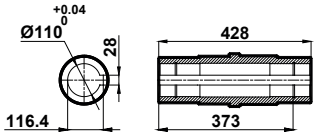


Tapped center hole to DIN 332, sheet 2

KR874.00

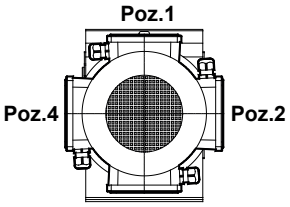






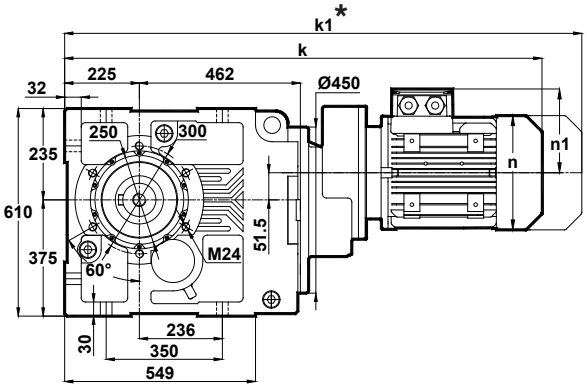
	100L	112M	132S	132M	160M	160L	180M
k	1123	1147	1233.5	1233.5	1329.5	1329.5	1401.5
k1	1231.5	1251.5	1363.5	1363.5	1477.5	1477.5	1560
n	193	215	257	257	316	316	348
n1	149	161	181	181	224	224	250

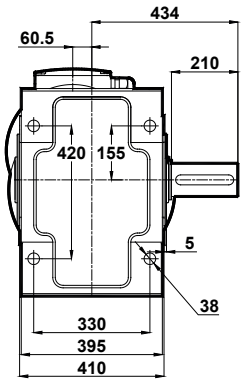
Terminal Box Positions

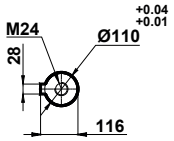


100-112-132-160-180
Type

KR874.01

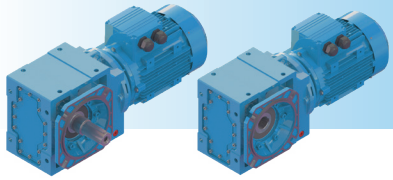






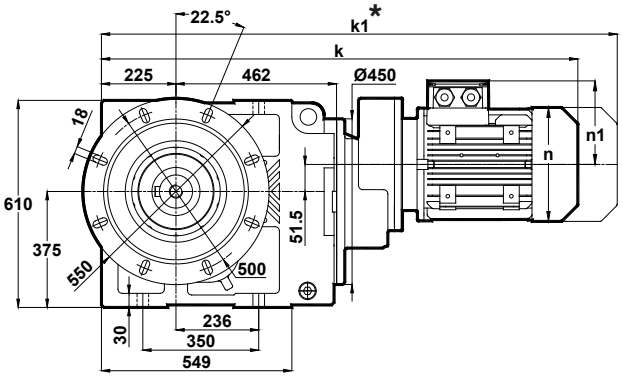
	100L	112M	132S	132M	160M	160L	180M
k	1123	1147	1233.5	1233.5	1329.5	1329.5	1401.5
k1	1231.5	1251.5	1363.5	1363.5	1477.5	1477.5	1560
n	193	215	257	257	316	316	348
n1	149	161	181	181	224	224	250

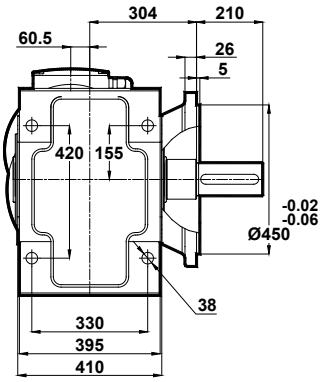
* Dimension " k1" is for motors with brake.

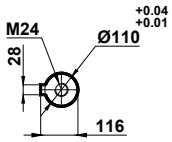


Tapped center hole to DIN 332, sheet 2

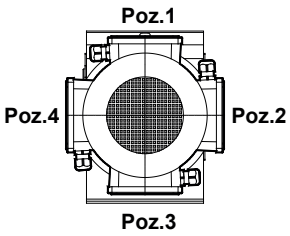
KR874.02







Terminal Box Positions

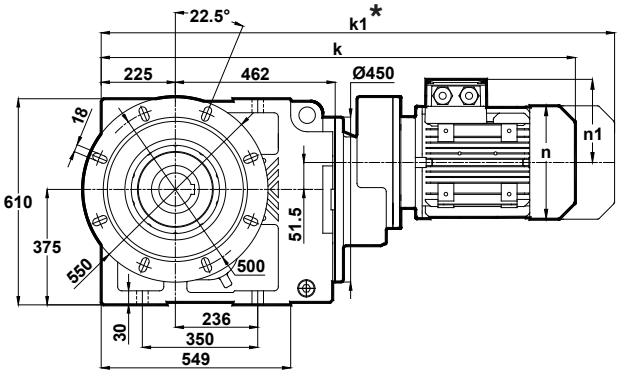


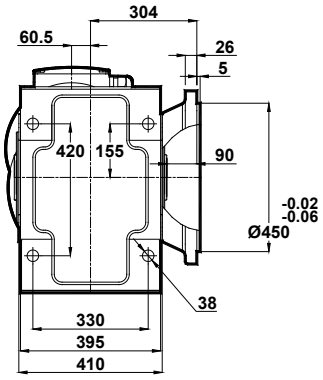
100-112-132-160-180
Type

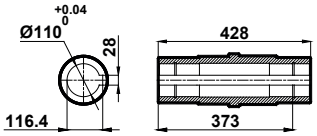
	100L	112M	132S	132M	160M	160L	180M
k	1123	1147	1233.5	1233.5	1329.5	1329.5	1401.5
k1	1231.5	1251.5	1363.5	1363.5	1477.5	1477.5	1560
n	193	215	257	257	316	316	348
n1	149	161	181	181	224	224	250

Please see on page 576 for optional flange dimensions

KR874.03



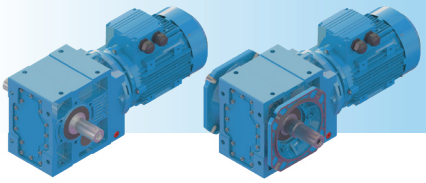




	100L	112M	132S	132M	160M	160L	180M
k	1123	1147	1233.5	1233.5	1329.5	1329.5	1401.5
k1	1231.5	1251.5	1363.5	1363.5	1477.5	1477.5	1560
n	193	215	257	257	316	316	348
n1	149	161	181	181	224	224	250

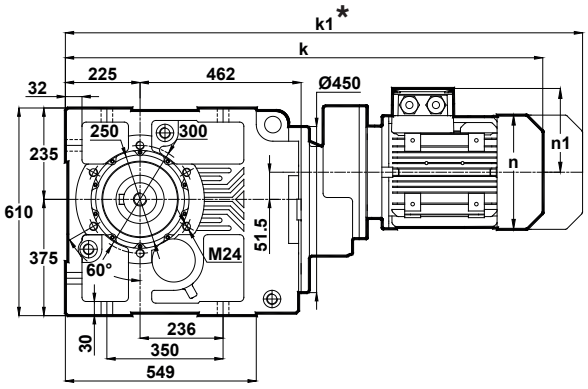
Please see on page 576 for optional flange dimensions

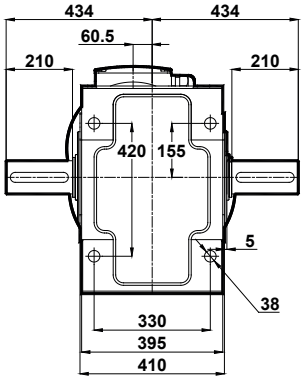
* Dimension " k1" is for motors with brake.

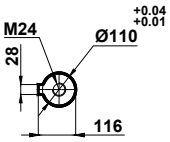


Tapped center hole to DIN 332, sheet 2

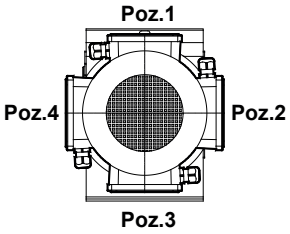
KR874.04







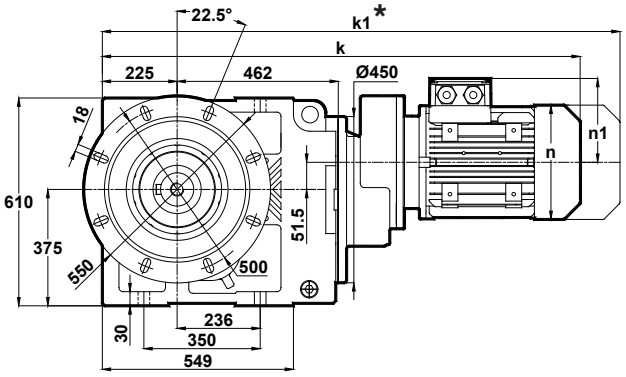
Terminal Box Positions

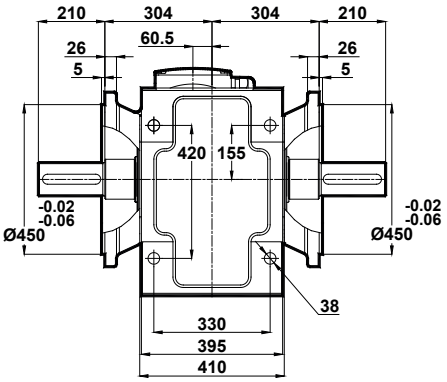


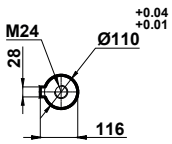
100-112-132-160-180
Type

	100L	112M	132S	132M	160M	160L	180M
k	1123	1147	1233.5	1233.5	1329.5	1329.5	1401.5
k1	1231.5	1251.5	1363.5	1363.5	1477.5	1477.5	1560
n	193	215	257	257	316	316	348
n1	149	161	181	181	224	224	250

KR874.05



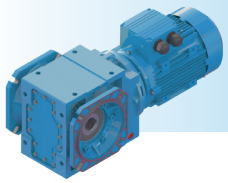




Please see on page 576 for optional flange dimensions

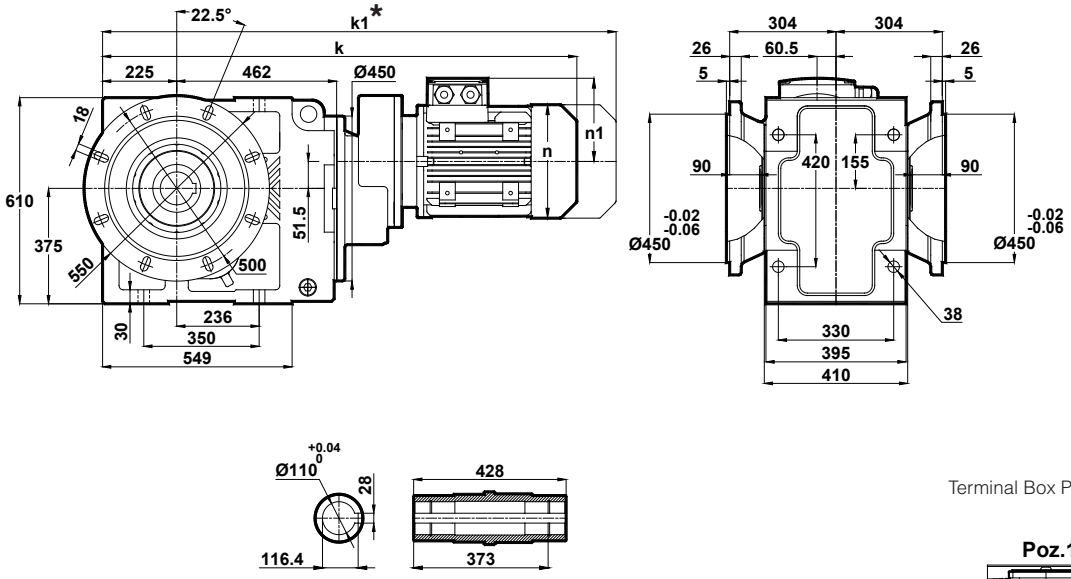
	100L	112M	132S	132M	160M	160L	180M
k	1123	1147	1233.5	1233.5	1329.5	1329.5	1401.5
k1	1231.5	1251.5	1363.5	1363.5	1477.5	1477.5	1560
n	193	215	257	257	316	316	348
n1	149	161	181	181	224	224	250

* Dimension " k1" is for motors with brake.



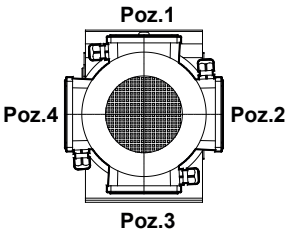
Tapped center hole to DIN 332, sheet 2

KR874.08



	100L	112M	132S	132M	160M	160L	180M
k	1123	1147	1233.5	1233.5	1329.5	1329.5	1401.5
k1	1231.5	1251.5	1363.5	1363.5	1477.5	1477.5	1560
n	193	215	257	257	316	316	348
n1	149	161	181	181	224	224	250

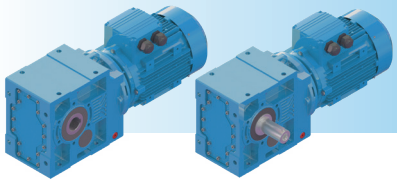
Terminal Box Positions



100-112-132-160-180
Type

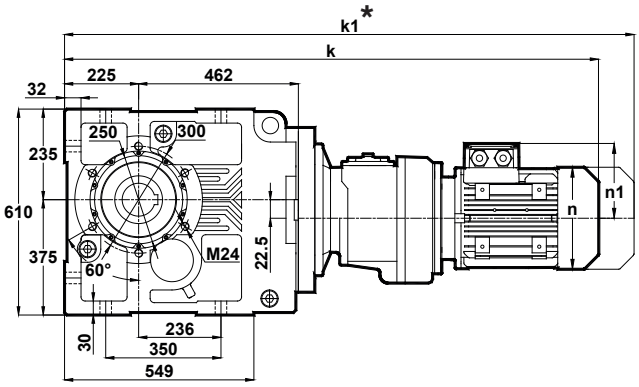
Please see on page 576 for optional flange dimensions

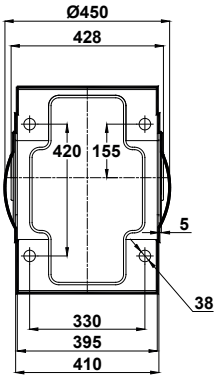
* Dimension " k1" is for motors with brake.

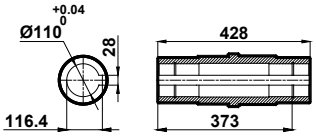


Tapped center hole to DIN 332, sheet 2

KR875.00
KR876.00

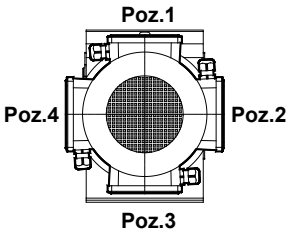






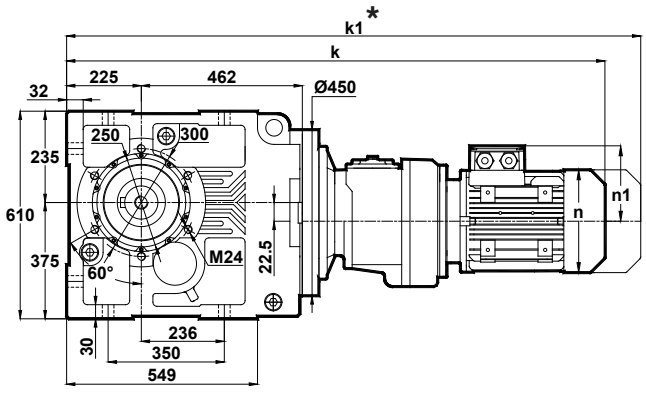
	71	80	90S	90L	100L	112M
k	1141.5	1175.5	1214.5	1214.5	1262.5	1286.5
k1	1232.5	1268.5	1318	1318	1371	1391
n	137	155	176	176	193	215
n1	112	123	132	132	149	161

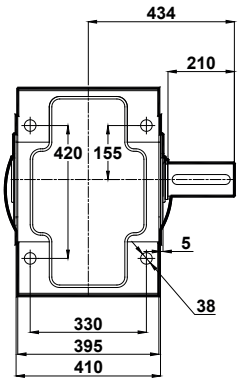
Terminal Box Positions

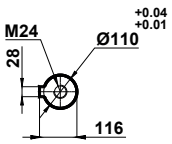


71-80-90-100-112-132
Type

KR875.01
KR876.01

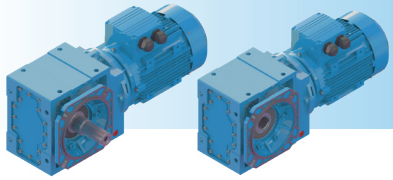






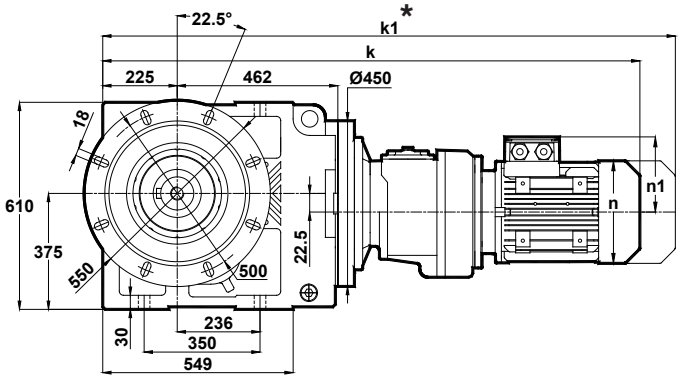
	71	80	90S	90L	100L	112M
k	1141.5	1175.5	1214.5	1214.5	1262.5	1286.5
k1	1232.5	1268.5	1318	1318	1371	1391
n	137	155	176	176	193	215
n1	112	123	132	132	149	161

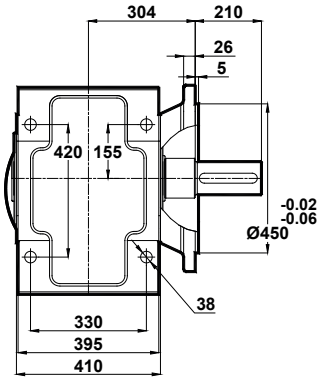
* Dimension " k1" is for motors with brake.

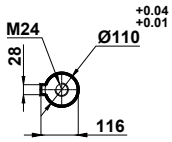


Tapped center hole to DIN 332, sheet 2

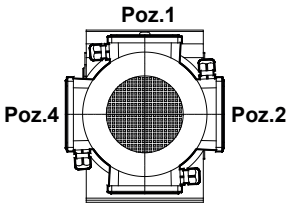
KR875.02
KR876.02







Terminal Box Positions

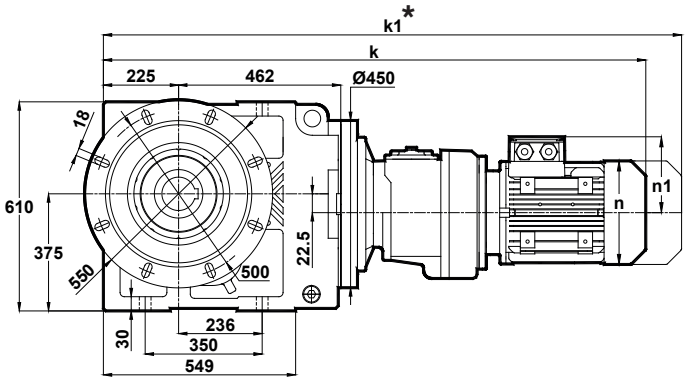


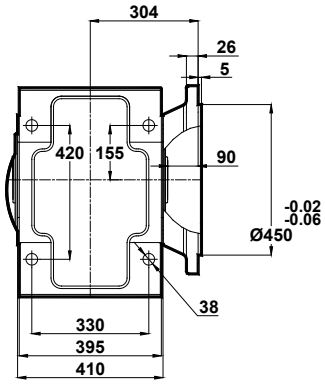
71-80-90-100-112-132
Type

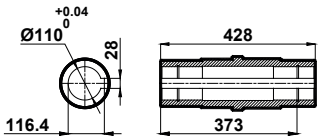
	71	80	90S	90L	100L	112M
k	1141.5	1175.5	1214.5	1214.5	1262.5	1286.5
k1	1232.5	1268.5	1318	1318	1371	1391
n	137	155	176	176	193	215
n1	112	123	132	132	149	161

Please see on page 576 for optional flange dimensions

KR875.03
KR876.03



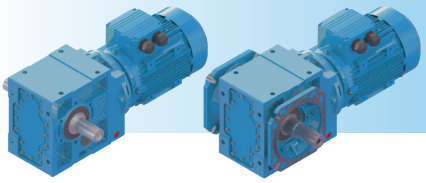




	71	80	90S	90L	100L	112M
k	1141.5	1175.5	1214.5	1214.5	1262.5	1286.5
k1	1232.5	1268.5	1318	1318	1371	1391
n	137	155	176	176	193	215
n1	112	123	132	132	149	161

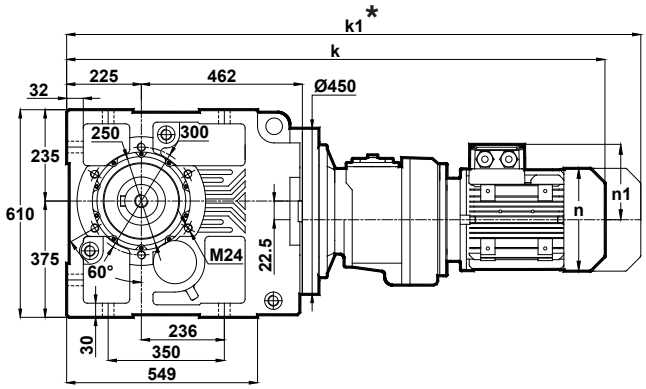
Please see on page 576 for optional flange dimensions

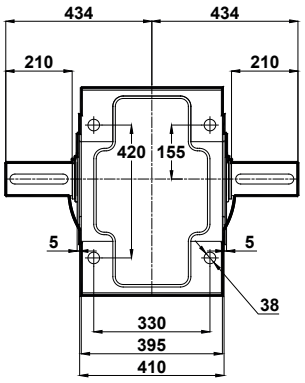
* Dimension " k1" is for motors with brake.

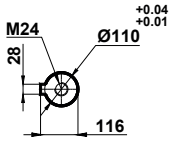


Tapped center hole to DIN 332, sheet 2

KR875.04
KR876.04

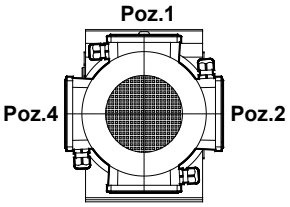






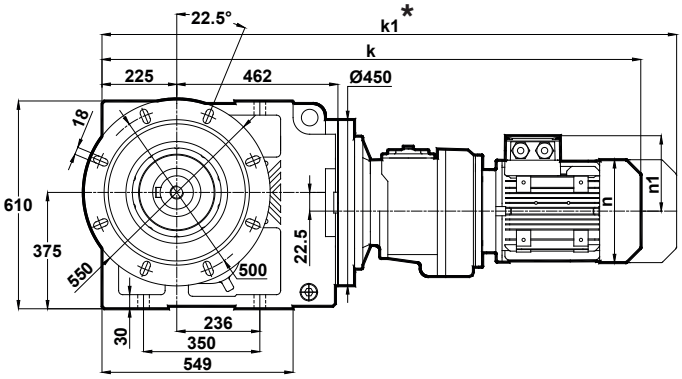
	71	80	90S	90L	100L	112M
k	1141.5	1175.5	1214.5	1214.5	1262.5	1286.5
k1	1232.5	1268.5	1318	1318	1371	1391
n	137	155	176	176	193	215
n1	112	123	132	132	149	161

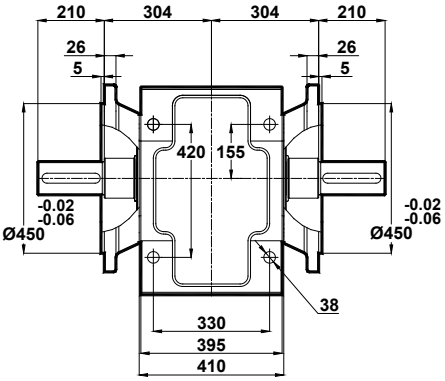
Terminal Box Positions

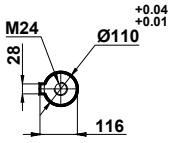


71-80-90-100-112-132
Type

KR875.05
KR876.05



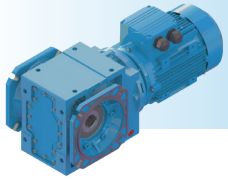




Please see on page 576 for optional flange dimensions

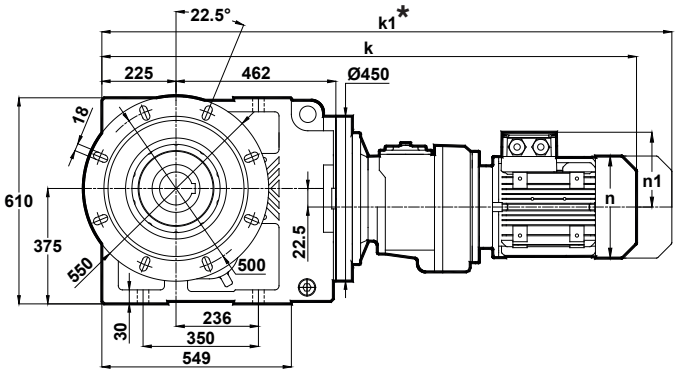
	71	80	90S	90L	100L	112M
k	1141.5	1175.5	1214.5	1214.5	1262.5	1286.5
k1	1232.5	1268.5	1318	1318	1371	1391
n	137	155	176	176	193	215
n1	112	123	132	132	149	161

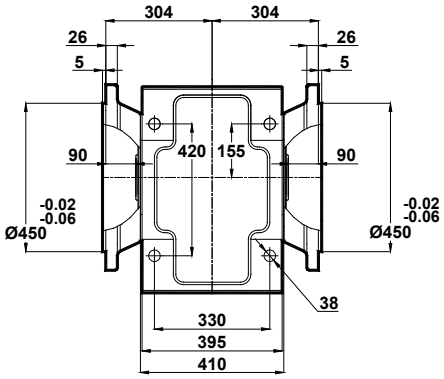
* Dimension " k1" is for motors with brake.

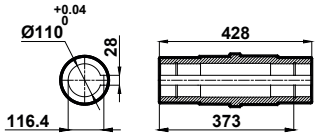


Tapped center hole to DIN 332, sheet 2

KR875.08
KR876.08

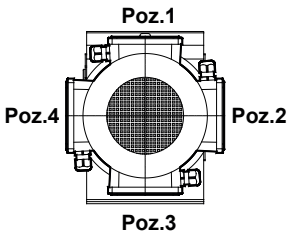






	71	80	90S	90L	100L	112M
k	1141.5	1175.5	1214.5	1214.5	1262.5	1286.5
k1	1232.5	1268.5	1318	1318	1371	1391
n	137	155	176	176	193	215
n1	112	123	132	132	149	161

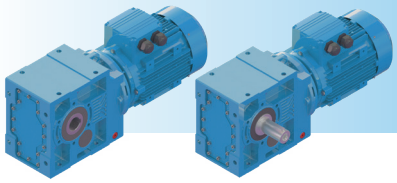
Terminal Box Positions



71-80-90-100-112-132
Type

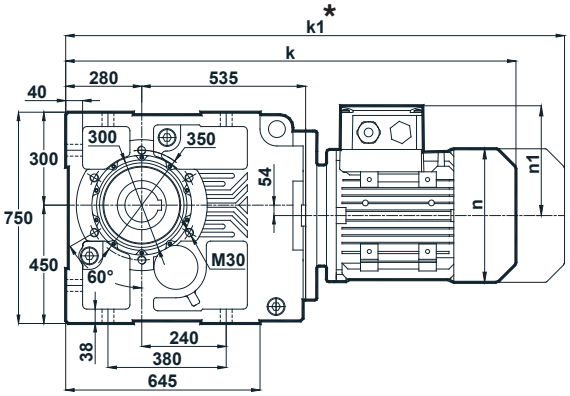
Please see on page 576 for optional flange dimensions

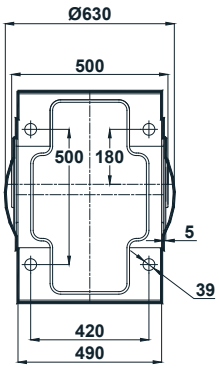
* Dimension " k1" is for motors with brake.

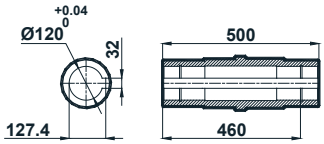


Tapped center hole to DIN 332, sheet 2

KR973.00

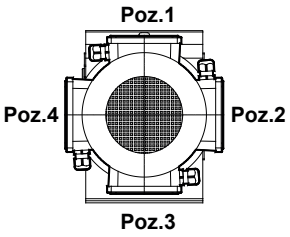






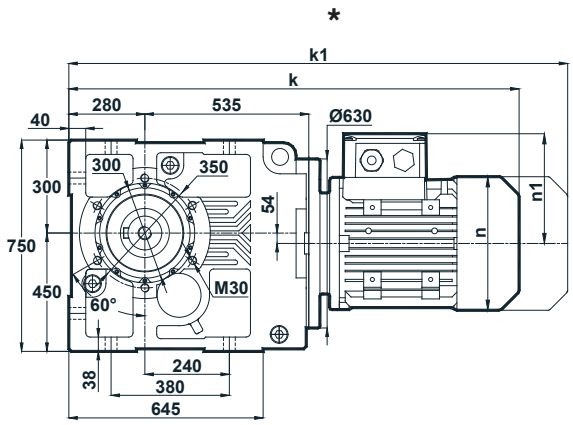
	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M
k	1307.5	1307.5	1379.5	1379.5	1432	1490	1490	1571.5	1665	1665	1773.5	1773.5
k1	1455.5	1455.5	1538	1538	1614	1672.5	1672.5	1729	1863	1863	-	-
n	316	316	348	348	396	438	438	481	547	547	614	614
n1	224	224	250	250	287	316	316	335	402	402	510	510

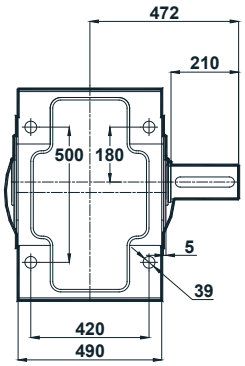
Terminal Box Positions

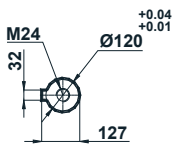


160-180-200-225-250-280-315
Type

KR973.01

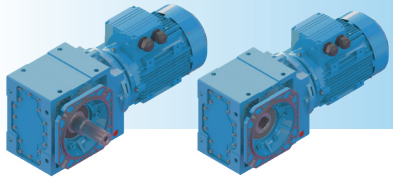






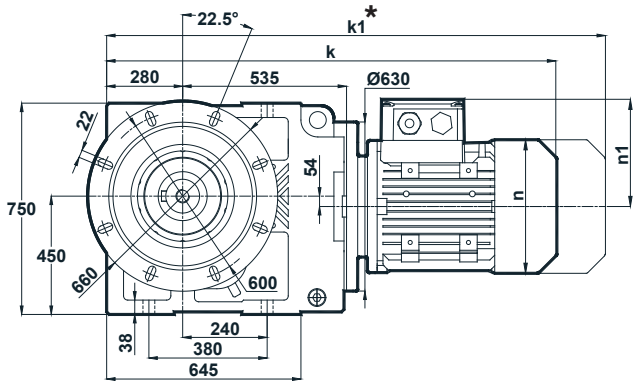
	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M
k	1307.5	1307.5	1379.5	1379.5	1432	1490	1490	1571.5	1665	1665	1773.5	1773.5
k1	1455.5	1455.5	1538	1538	1614	1672.5	1672.5	1729	1863	1863	-	-
n	316	316	348	348	396	438	438	481	547	547	614	614
n1	224	224	250	250	287	316	316	335	402	402	510	510

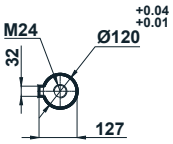
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

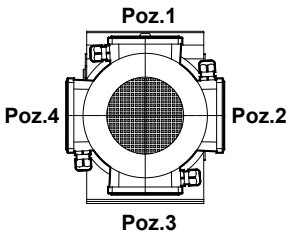
KR973.02





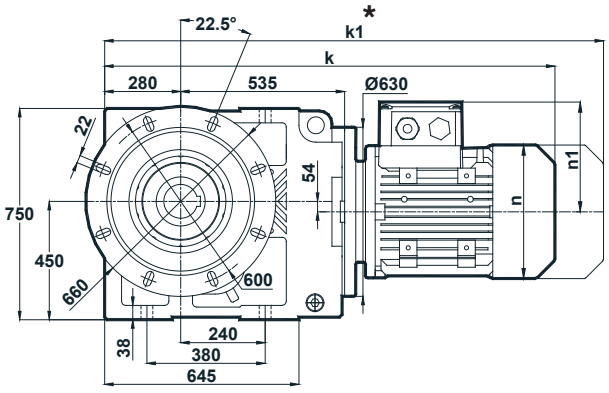
	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M
k	1307.5	1307.5	1379.5	1379.5	1432	1490	1490	1571.5	1665	1665	1773.5	1773.5
k1	1455.5	1455.5	1538	1538	1614	1672.5	1672.5	1729	1863	1863	-	-
n	316	316	348	348	396	438	438	481	547	547	614	614
n1	224	224	250	250	287	316	316	335	402	402	510	510

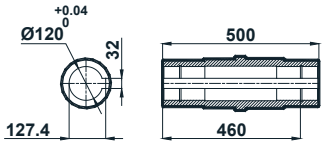
Terminal Box Positions



160-180-200-225-250-280-315
Type

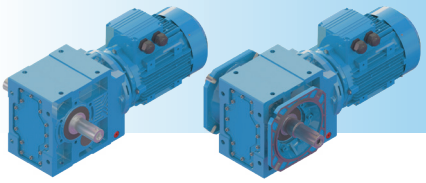
KR973.03





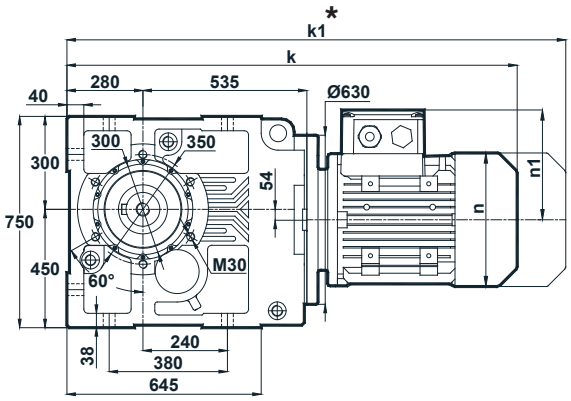
	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M
k	1307.5	1307.5	1379.5	1379.5	1432	1490	1490	1571.5	1665	1665	1773.5	1773.5
k1	1455.5	1455.5	1538	1538	1614	1672.5	1672.5	1729	1863	1863	-	-
n	316	316	348	348	396	438	438	481	547	547	614	614
n1	224	224	250	250	287	316	316	335	402	402	510	510

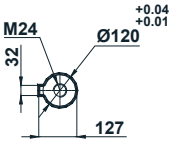
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

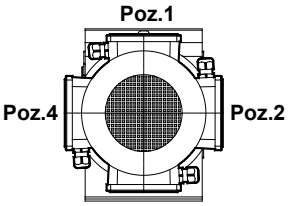
KR973.04





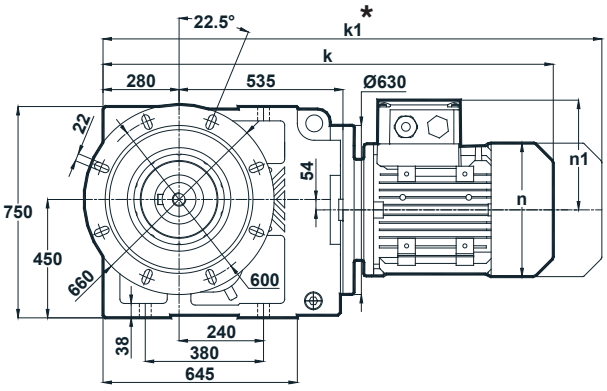
	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M
k	1307.5	1307.5	1379.5	1379.5	1432	1490	1490	1571.5	1665	1665	1773.5	1773.5
k1	1455.5	1455.5	1538	1538	1614	1672.5	1672.5	1729	1863	1863	-	-
n	316	316	348	348	396	438	438	481	547	547	614	614
n1	224	224	250	250	287	316	316	335	402	402	510	510

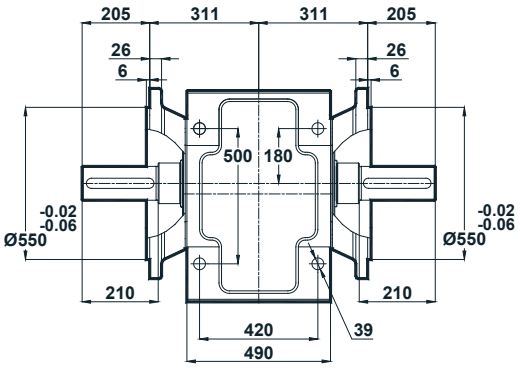
Terminal Box Positions

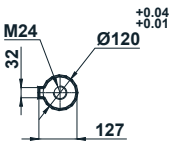


160-180-200-225-250-280-315
Type

KR973.05

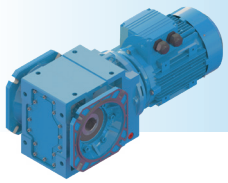






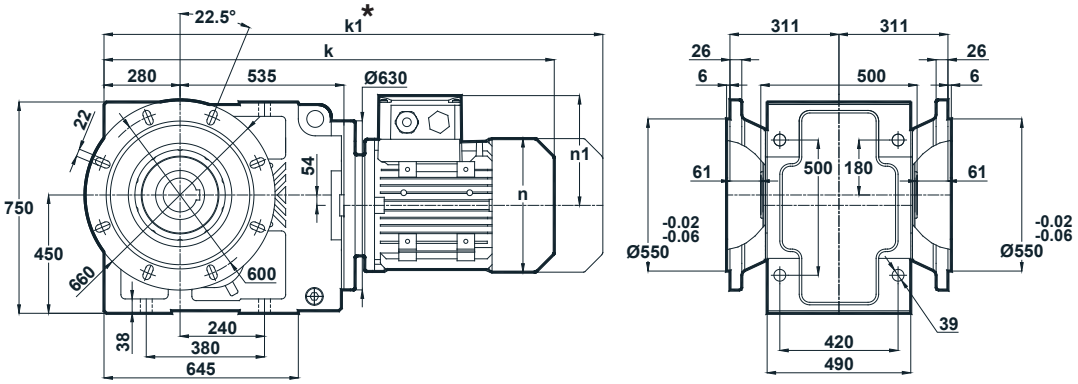
	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M
k	1307.5	1307.5	1379.5	1379.5	1432	1490	1490	1571.5	1665	1665	1773.5	1773.5
k1	1455.5	1455.5	1538	1538	1614	1672.5	1672.5	1729	1863	1863	-	-
n	316	316	348	348	396	438	438	481	547	547	614	614
n1	224	224	250	250	287	316	316	335	402	402	510	510

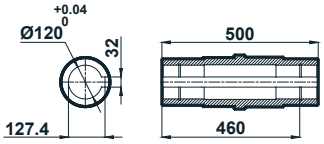
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

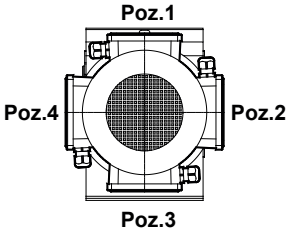
KR973.08





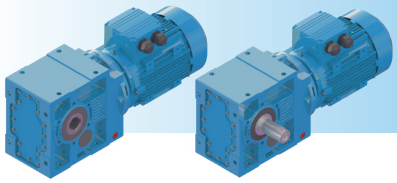
	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M
k	1307.5	1307.5	1379.5	1379.5	1432	1490	1490	1571.5	1665	1665	1773.5	1773.5
k1	1455.5	1455.5	1538	1538	1614	1672.5	1672.5	1729	1863	1863	-	-
n	316	316	348	348	396	438	438	481	547	547	614	614
n1	224	224	250	250	287	316	316	335	402	402	510	510

Terminal Box Positions



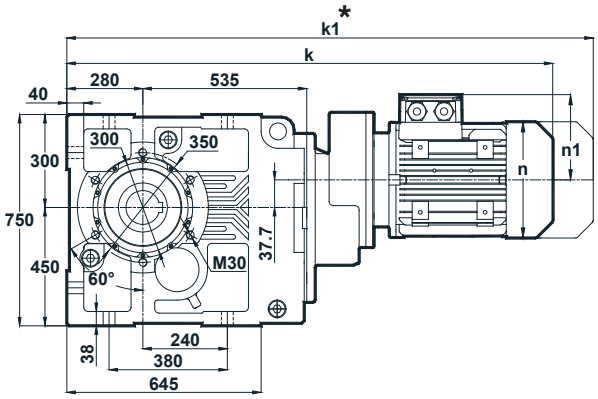
160-180-200-225-250-280-315
Type

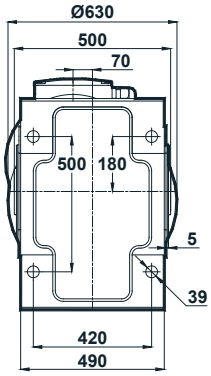
* Dimension " k1" is for motors with brake.

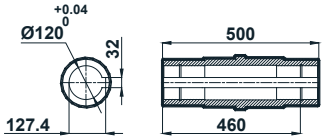


Tapped center hole to DIN 332, sheet 2

KR974.00

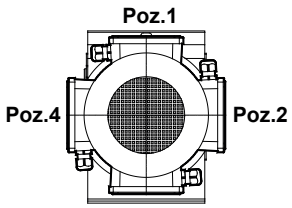






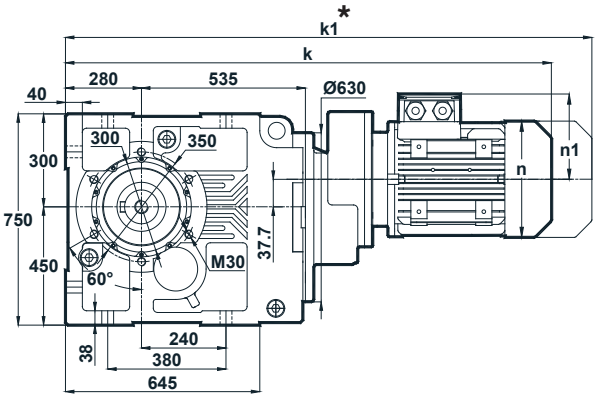
	100L	112M	132S	132M	160M	160L	180M	180L
k	1277	1301	1387.5	1387.5	1483.5	1483.5	1555.5	1555.5
k1	1385.5	1405.5	1517.5	1517.5	1631.5	1631.5	1714	1714
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250

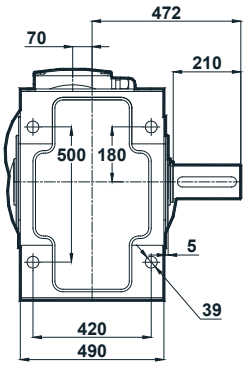
Terminal Box Positions

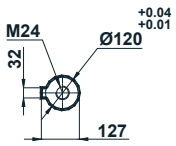


100-112-132-160-180
Type

KR974.01

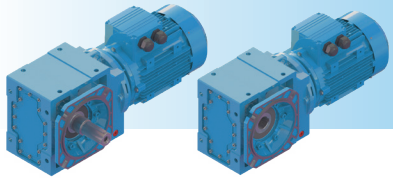






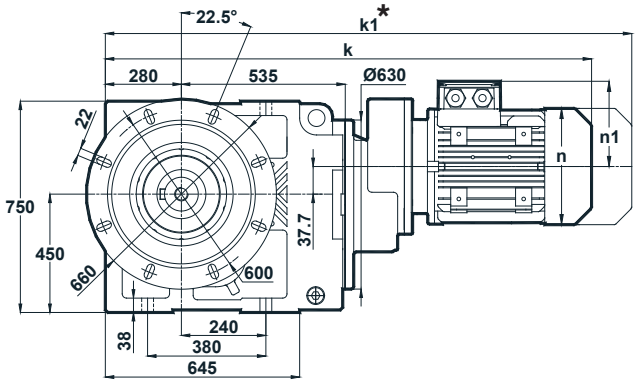
	100L	112M	132S	132M	160M	160L	180M	180L
k	1277	1301	1387.5	1387.5	1483.5	1483.5	1555.5	1555.5
k1	1385.5	1405.5	1517.5	1517.5	1631.5	1631.5	1714	1714
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250

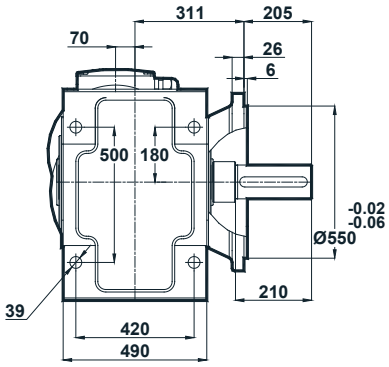
* Dimension " k1" is for motors with brake.

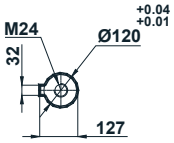


Tapped center hole to DIN 332, sheet 2

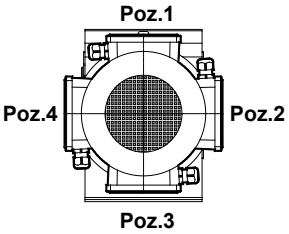
KR974.02







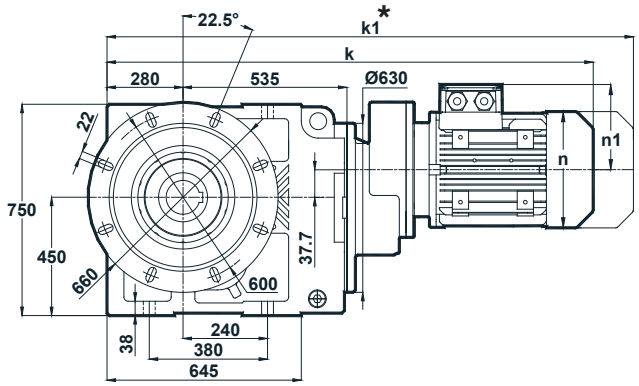
Terminal Box Positions

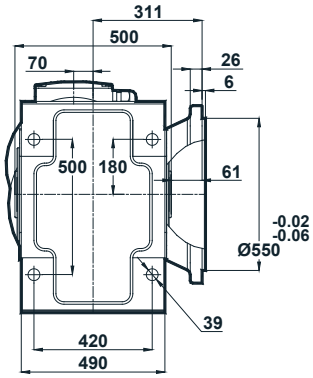


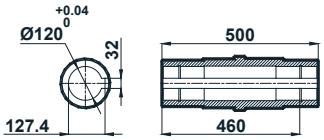
100-112-132-160-180 Type

	100L	112M	132S	132M	160M	160L	180M	180L
k	1277	1301	1387.5	1387.5	1483.5	1483.5	1555.5	1555.5
k1	1385.5	1405.5	1517.5	1517.5	1631.5	1631.5	1714	1714
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250

KR974.03

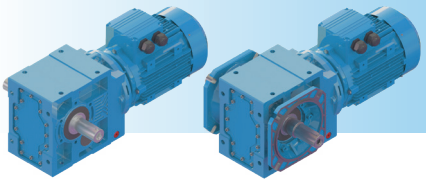






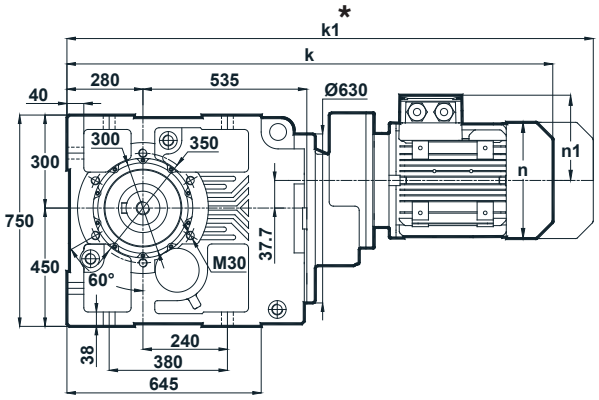
	100L	112M	132S	132M	160M	160L	180M	180L
k	1277	1301	1387.5	1387.5	1483.5	1483.5	1555.5	1555.5
k1	1385.5	1405.5	1517.5	1517.5	1631.5	1631.5	1714	1714
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250

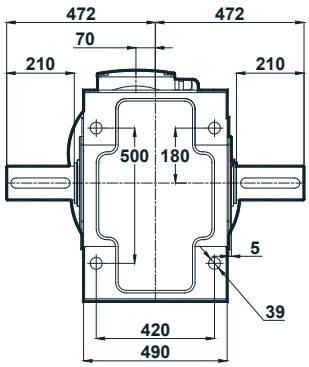
* Dimension " k1" is for motors with brake.

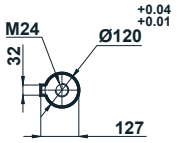


Tapped center hole to DIN 332, sheet 2

KR974.04

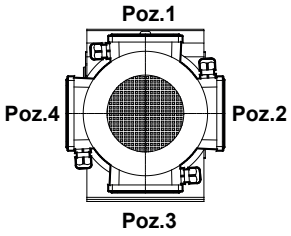






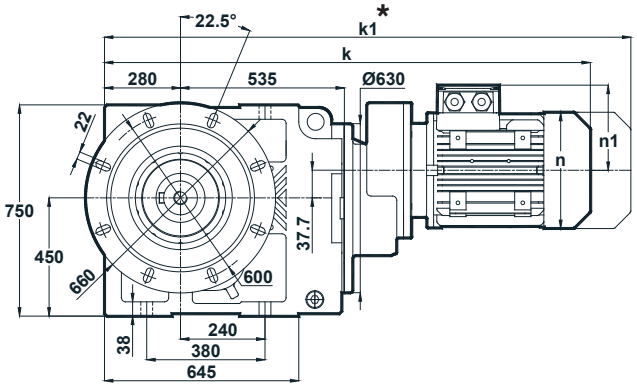
	100L	112M	132S	132M	160M	160L	180M	180L
k	1277	1301	1387.5	1387.5	1483.5	1483.5	1555.5	1555.5
k1	1385.5	1405.5	1517.5	1517.5	1631.5	1631.5	1714	1714
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250

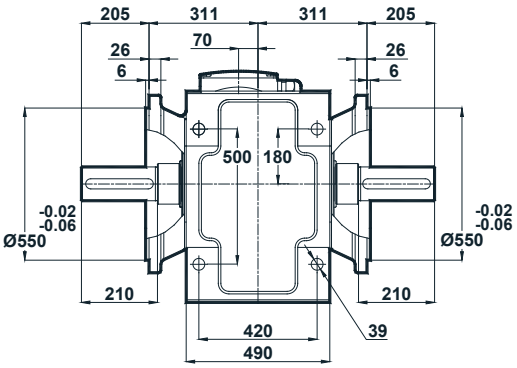
Terminal Box Positions

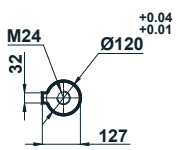


100-112-132-160-180
Type

KR974.05

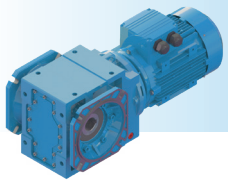






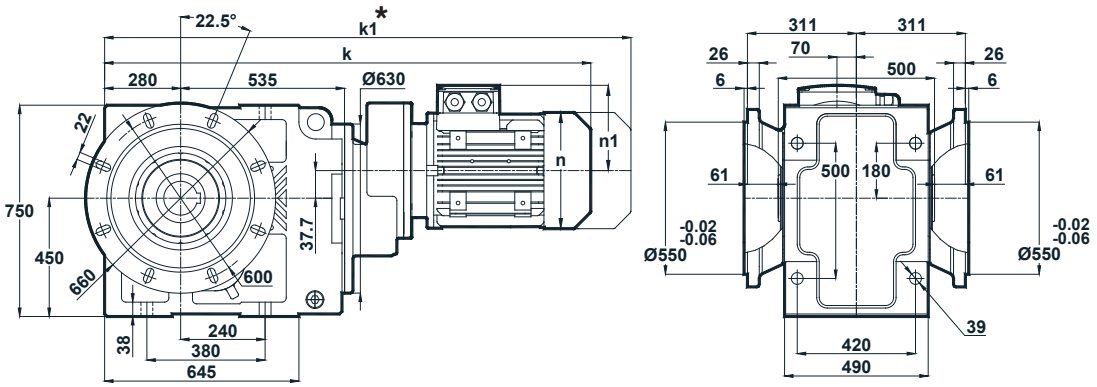
	100L	112M	132S	132M	160M	160L	180M	180L
k	1277	1301	1387.5	1387.5	1483.5	1483.5	1555.5	1555.5
k1	1385.5	1405.5	1517.5	1517.5	1631.5	1631.5	1714	1714
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250

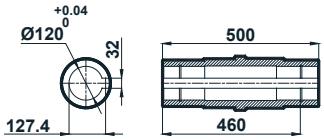
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

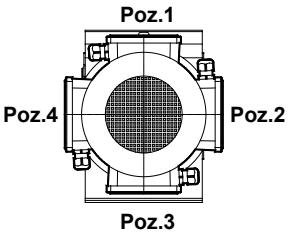
KR974.08





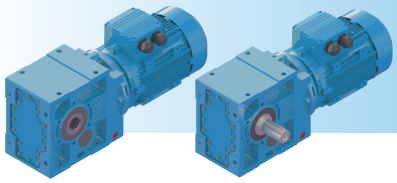
	100L	112M	132S	132M	160M	160L	180M	180L
k	1277	1301	1387.5	1387.5	1483.5	1483.5	1555.5	1555.5
k1	1385.5	1405.5	1517.5	1517.5	1631.5	1631.5	1714	1714
n	193	215	257	257	316	316	348	348
n1	149	161	181	181	224	224	250	250

Terminal Box Positions



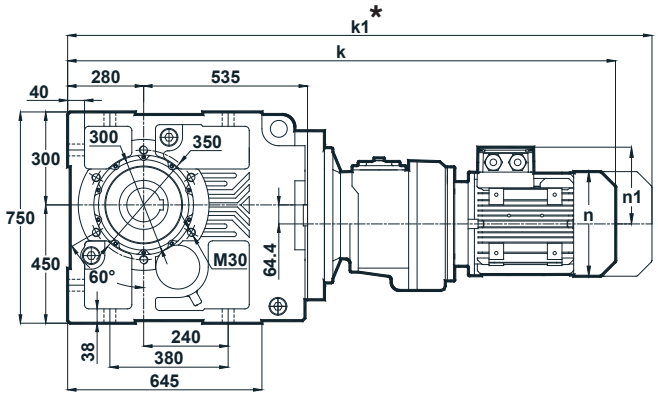
100-112-132-160-180 Type

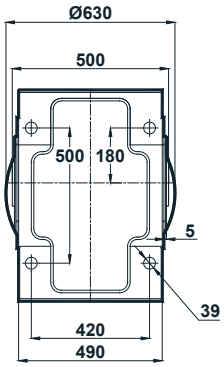
* Dimension " k1" is for motors with brake.

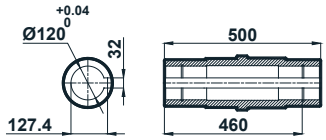


Tapped center hole to DIN 332, sheet 2

KR975.00
KR976.00

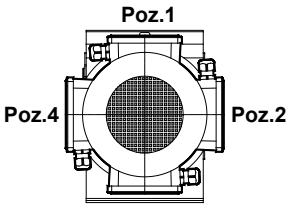






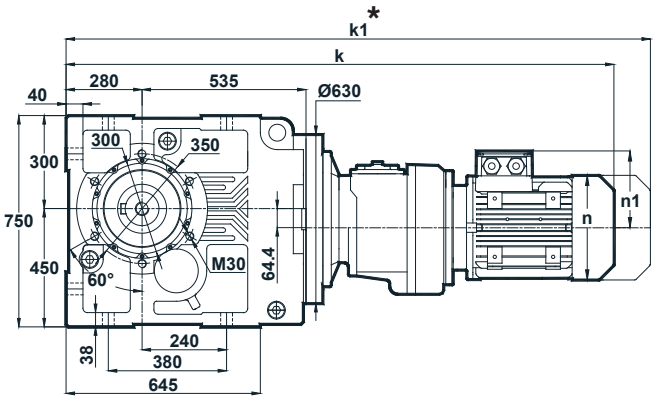
	80	90S	90L	100L	112M	132S	132M
k	1355.5	1394.5	1394.5	1439.5	1463.5	1548.5	1548.5
k1	1448.5	1498	1498	1548	1568	1678.5	1678.5
n	155	176	176	193	215	257	257
n1	123	132	132	149	161	181	181

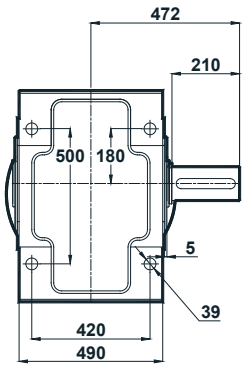
Terminal Box Positions

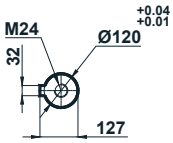


80-90-100-112-132
Type

KR975.01
KR976.01

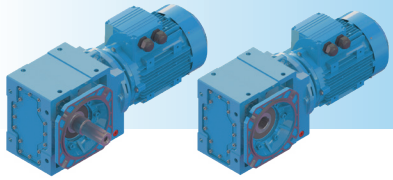






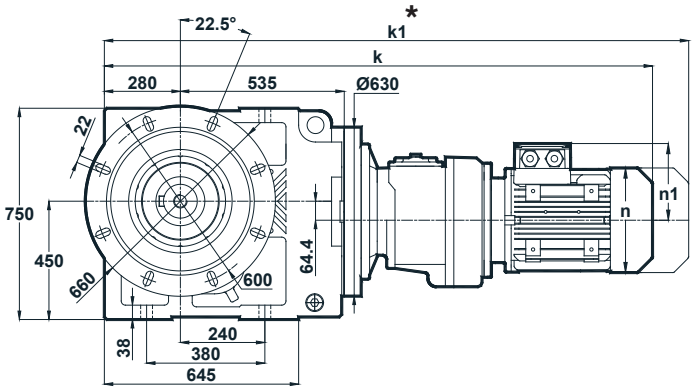
	80	90S	90L	100L	112M	132S	132M
k	1355.5	1394.5	1394.5	1439.5	1463.5	1548.5	1548.5
k1	1448.5	1498	1498	1548	1568	1678.5	1678.5
n	155	176	176	193	215	257	257
n1	123	132	132	149	161	181	181

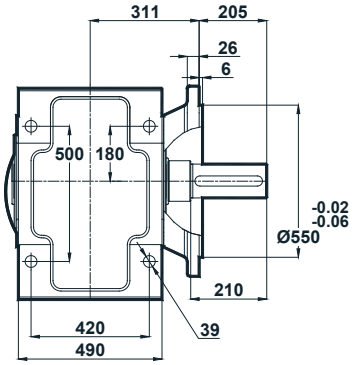
* Dimension " k1" is for motors with brake.

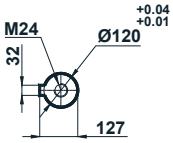


Tapped center hole to DIN 332, sheet 2

KR975.02
KR976.02

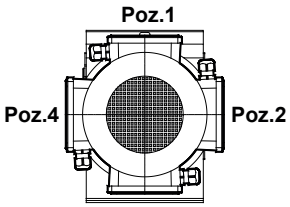






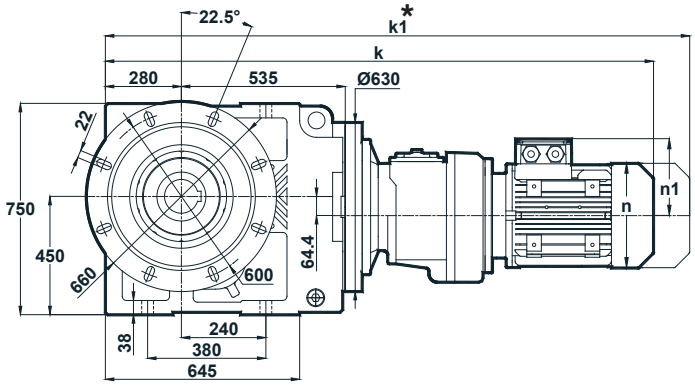
	80	90S	90L	100L	112M	132S	132M
k	1355.5	1394.5	1394.5	1439.5	1463.5	1548.5	1548.5
k1	1448.5	1498	1498	1548	1568	1678.5	1678.5
n	155	176	176	193	215	257	257
n1	123	132	132	149	161	181	181

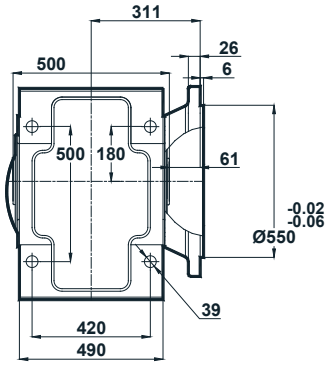
Terminal Box Positions

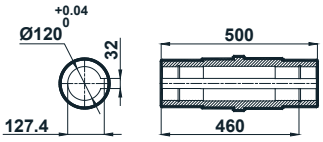


80-90-100-112-132
Type

KR975.03
KR976.03

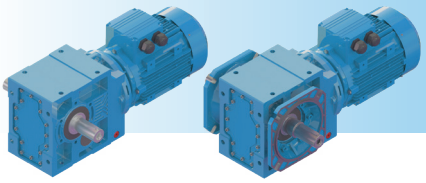






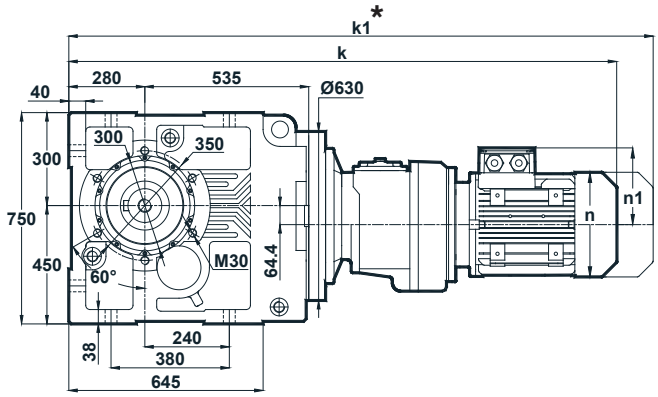
	80	90S	90L	100L	112M	132S	132M
k	1355.5	1394.5	1394.5	1439.5	1463.5	1548.5	1548.5
k1	1448.5	1498	1498	1548	1568	1678.5	1678.5
n	155	176	176	193	215	257	257
n1	123	132	132	149	161	181	181

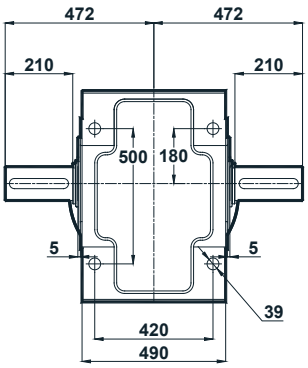
* Dimension " k1" is for motors with brake.

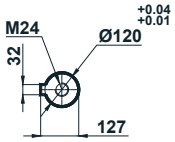


Tapped center hole to DIN 332, sheet 2

KR975.04
KR976.04

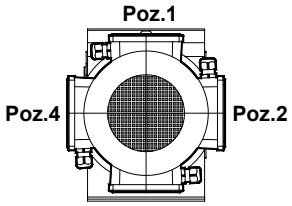






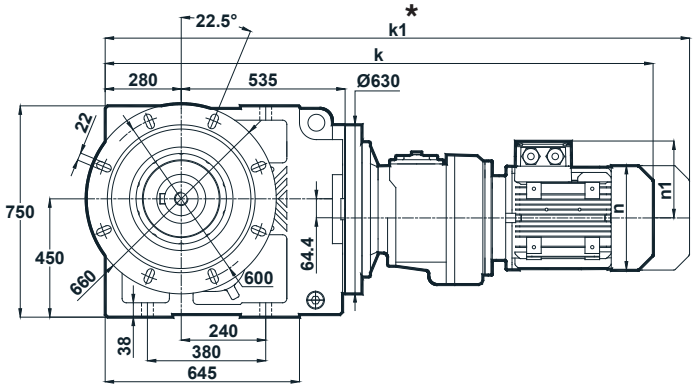
	80	90S	90L	100L	112M	132S	132M
k	1355.5	1394.5	1394.5	1439.5	1463.5	1548.5	1548.5
k1	1448.5	1498	1498	1548	1568	1678.5	1678.5
n	155	176	176	193	215	257	257
n1	123	132	132	149	161	181	181

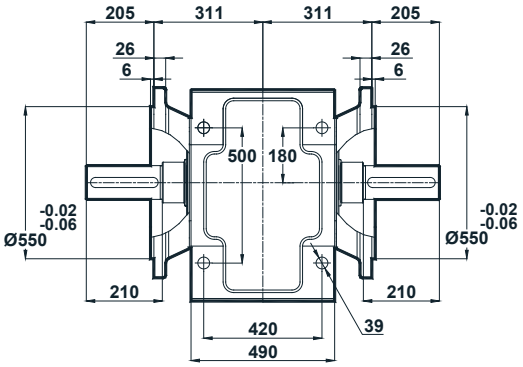
Terminal Box Positions

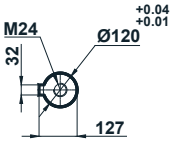


80-90-100-112-132
Type

KR975.05
KR976.05

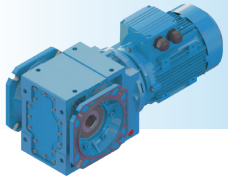






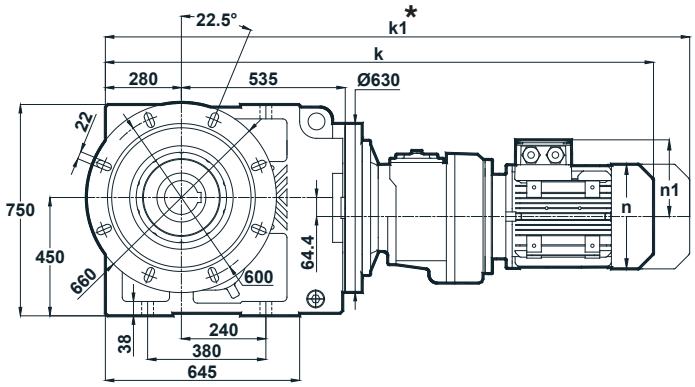
	80	90S	90L	100L	112M	132S	132M
k	1355.5	1394.5	1394.5	1439.5	1463.5	1548.5	1548.5
k1	1448.5	1498	1498	1548	1568	1678.5	1678.5
n	155	176	176	193	215	257	257
n1	123	132	132	149	161	181	181

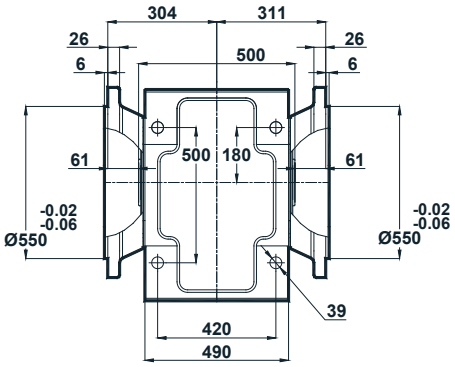
* Dimension " k1" is for motors with brake.

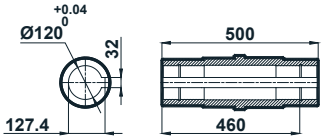


Tapped center hole to DIN 332, sheet 2

KR975.08
KR976.08

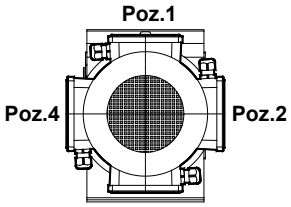






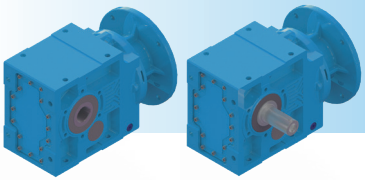
	80	90S	90L	100L	112M	132S	132M
k	1355.5	1394.5	1394.5	1439.5	1463.5	1548.5	1548.5
k1	1448.5	1498	1498	1548	1568	1678.5	1678.5
n	155	176	176	193	215	257	257
n1	123	132	132	149	161	181	181

Terminal Box Positions



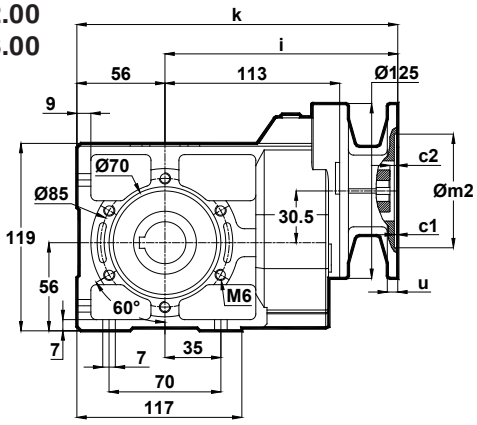
80-90-100-112-132
Type

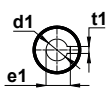
* Dimension " k1" is for motors with brake.

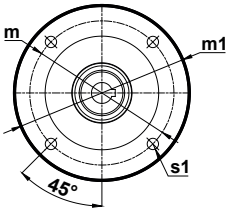


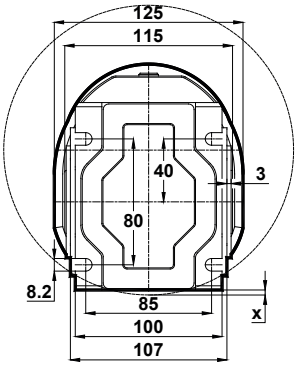
Tapped center hole to DIN 332, sheet 2

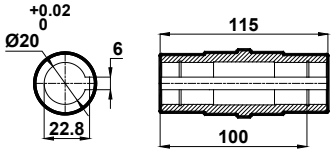
KN002.00
KN003.00







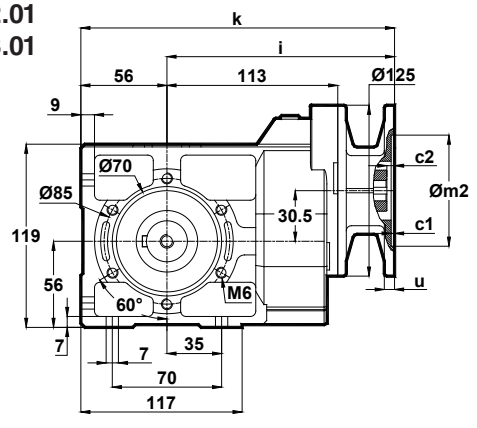


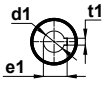


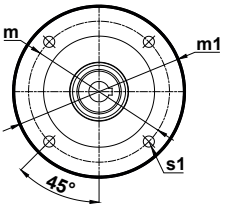
x: If Motor is lower than foot mounting plane

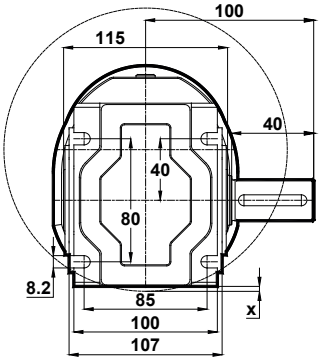
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	156	10	212	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	157.5	12 10	213.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	172.5	12	228.5	19	6	21.8	13.5 -
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	172.5	12	228.5	24	8	27.3	13.5 -

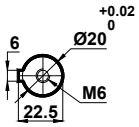
KN002.01
KN003.01





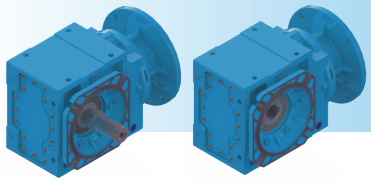






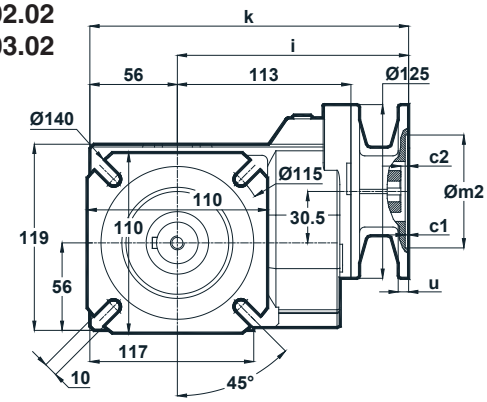
x: If Motor is lower than foot mounting plane

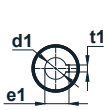
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	156	10	212	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	157.5	12 10	213.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	172.5	12	228.5	19	6	21.8	13.5 -
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	172.5	12	228.5	24	8	27.3	13.5 -

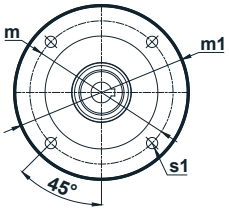


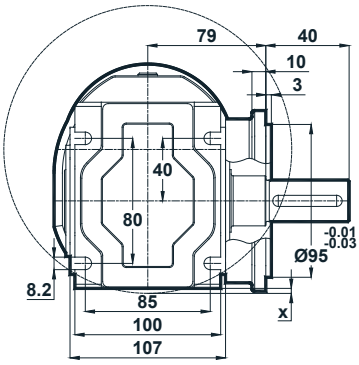
Tapped center hole to DIN 332, sheet 2

KN002.02
KN003.02

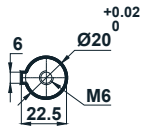








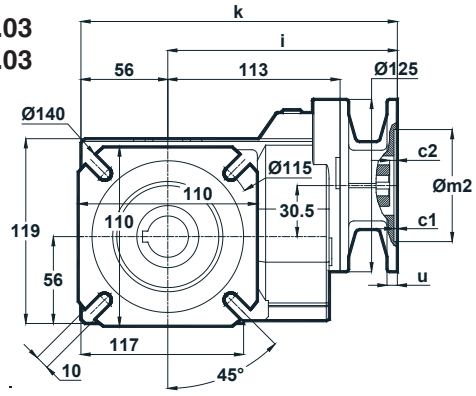
x: If Motor is lower than foot mounting plane

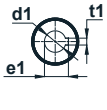


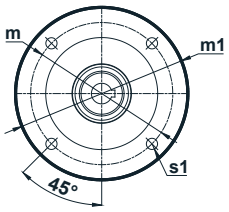
Please see on page 576 for optional flange dimensions

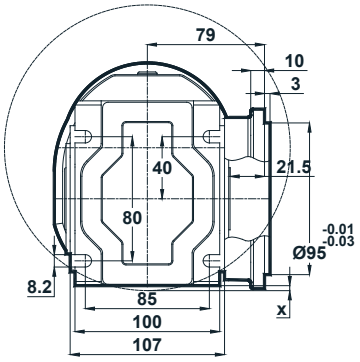
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	156	10	212	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	157.5	12 10	213.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	172.5	12	228.5	19	6	21.8	13.5 -
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	172.5	12	228.5	24	8	27.3	13.5 -

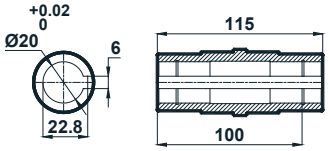
KN002.03
KN003.03







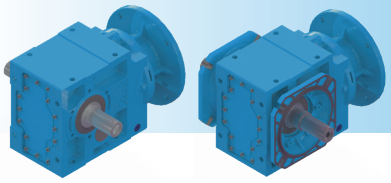




x: If Motor is lower than foot mounting plane

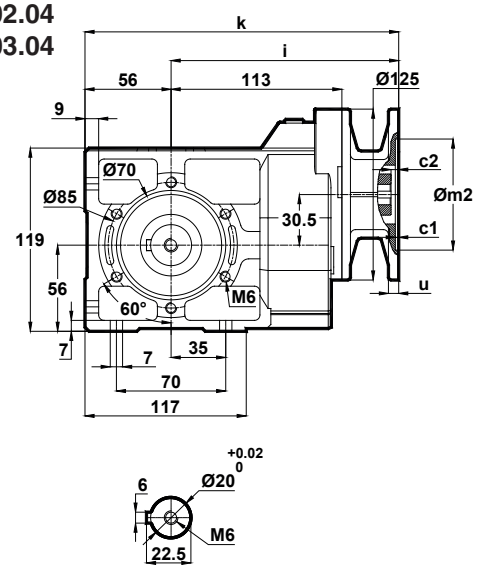
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	156	10	212	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	157.5	12 10	213.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	172.5	12	228.5	19	6	21.8	13.5 -
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	172.5	12	228.5	24	8	27.3	13.5 -



Tapped center hole to DIN 332, sheet 2

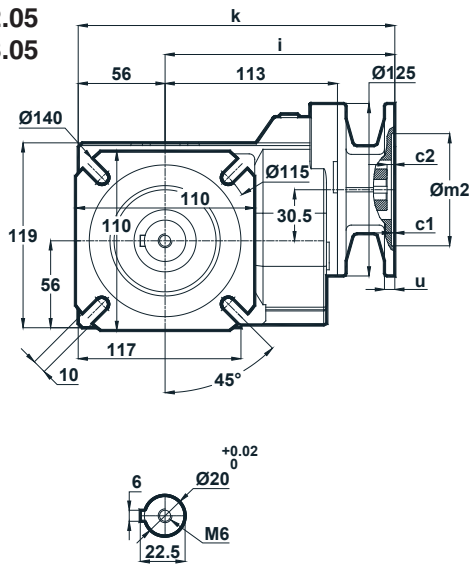
KN002.04
KN003.04



x: If Motor is lower than foot mounting plane

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	156	10	212	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	157.5	12 10	213.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	172.5	12	228.5	19	6	21.8	13.5 -
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	172.5	12	228.5	24	8	27.3	13.5 -

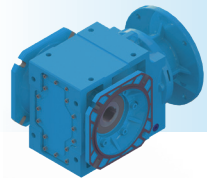
KN002.05
KN003.05



x: If Motor is lower than foot mounting plane

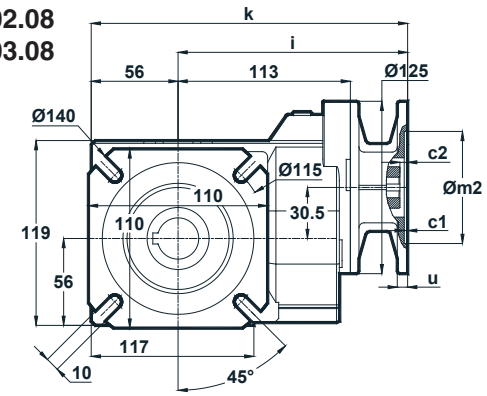
Please see on page 576 for optional flange dimensions

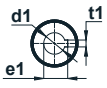
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	156	10	212	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	157.5	12 10	213.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	172.5	12	228.5	19	6	21.8	13.5 -
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	172.5	12	228.5	24	8	27.3	13.5 -

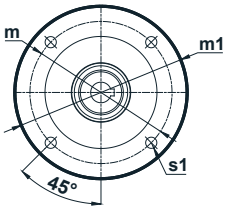


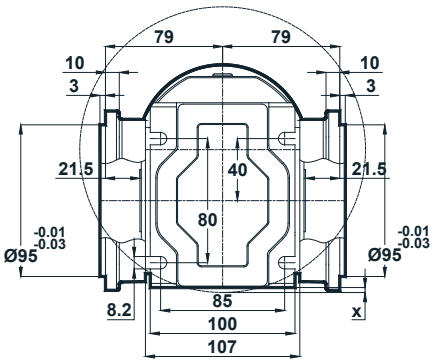
Tapped center hole to DIN 332, sheet 2

KN002.08
KN003.08

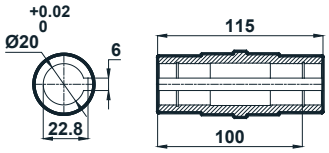






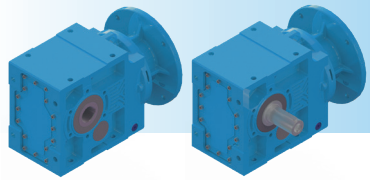


x: If Motor is lower than foot mounting plane



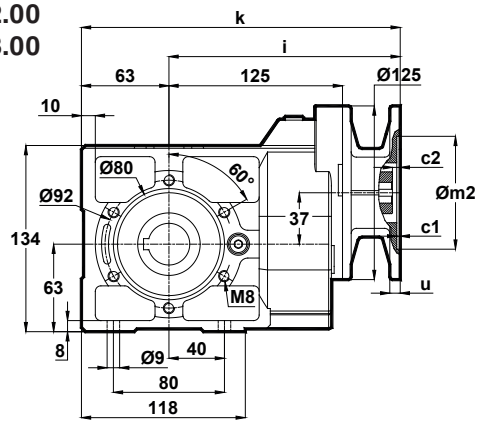
Please see on page 576 for optional flange dimensions

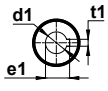
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	156	10	212	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	157.5	12 10	213.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	172.5	12	228.5	19	6	21.8	13.5 -
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	172.5	12	228.5	24	8	27.3	13.5 -

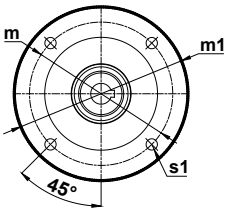


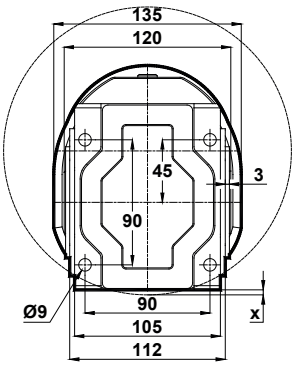
Tapped center hole to DIN 332, sheet 2

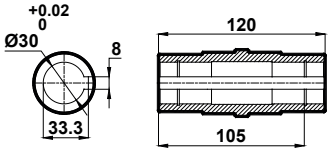
KN102.00
KN103.00







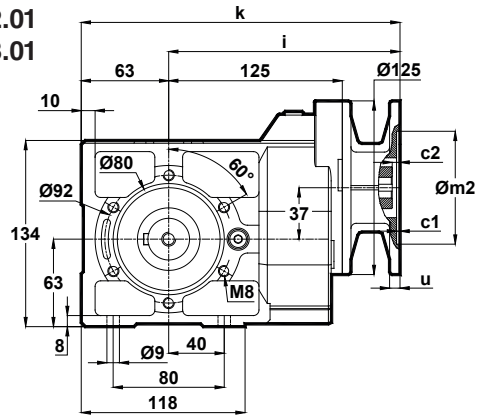


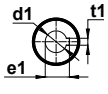


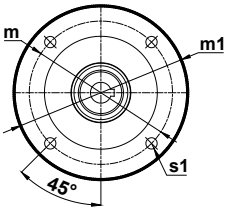
x: If Motor is lower than foot mounting plane

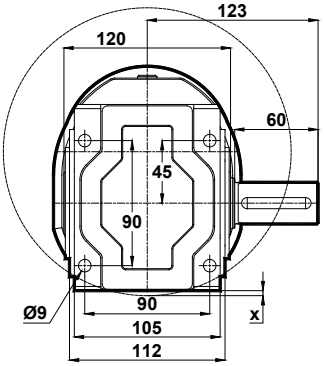
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	168	10	231	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	169.5	12 10	232.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	184.5	12	247.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	184.5	12	247.5	24	8	27.3	-

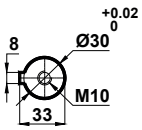
KN102.01
KN103.01





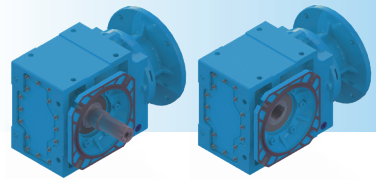






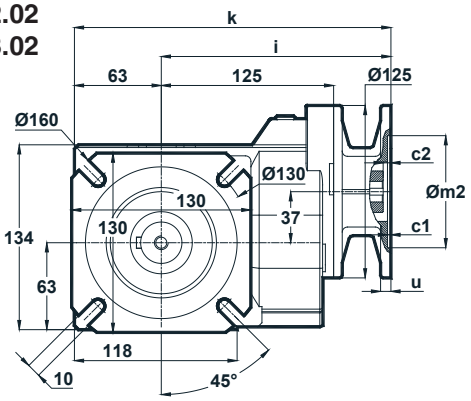
x: If Motor is lower than foot mounting plane

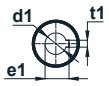
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	168	10	231	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	169.5	12 10	232.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	184.5	12	247.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	184.5	12	247.5	24	8	27.3	-

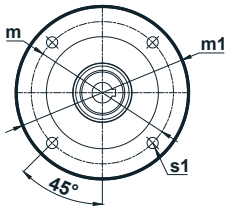


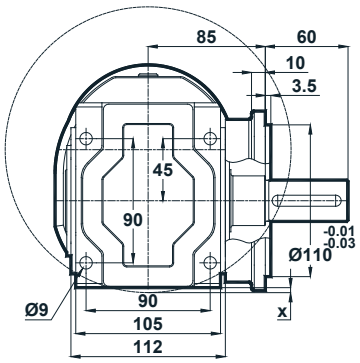
Tapped center hole to DIN 332, sheet 2

KN102.02
KN103.02

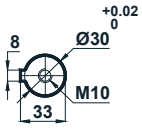








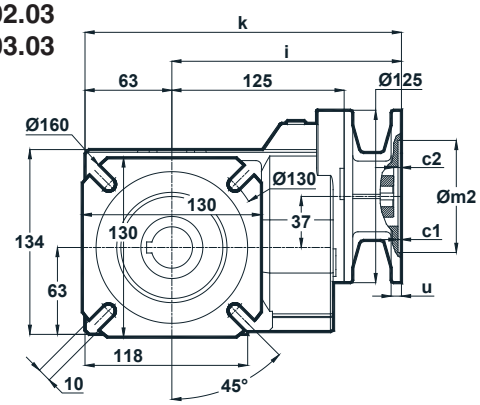
x: If Motor is lower than foot mounting plane

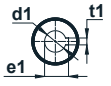


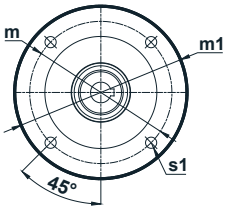
Please see on page 576 for optional flange dimensions

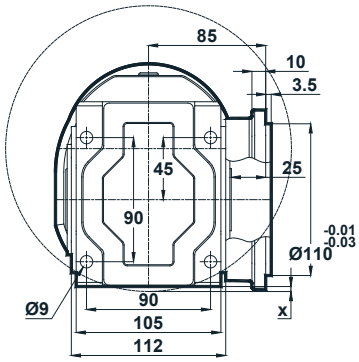
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	168	10	231	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	169.5	12 10	232.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	184.5	12	247.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	184.5	12	247.5	24	8	27.3	-

KN102.03
KN103.03

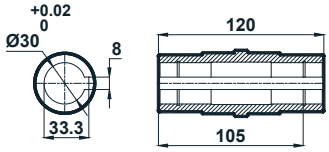






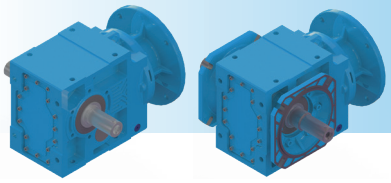


x: If Motor is lower than foot mounting plane



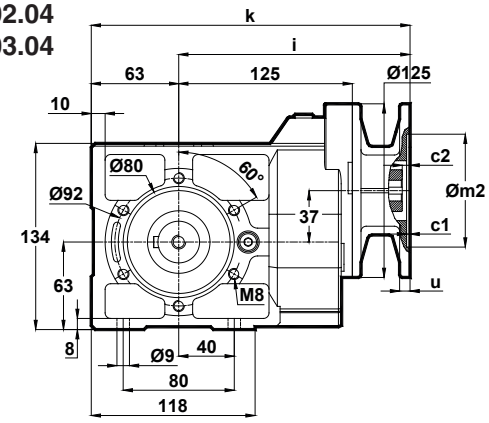
Please see on page 576 for optional flange dimensions

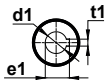
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	168	10	231	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	169.5	12 10	232.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	184.5	12	247.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	184.5	12	247.5	24	8	27.3	-

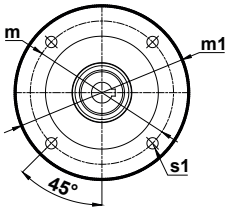


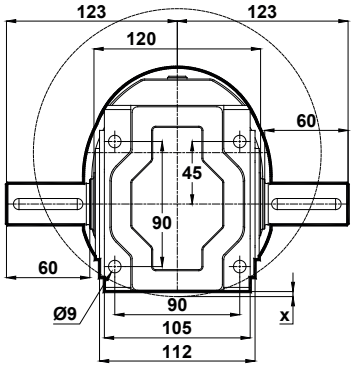
Tapped center hole to DIN 332, sheet 2

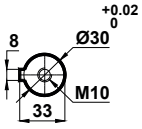
KN102.04
KN103.04







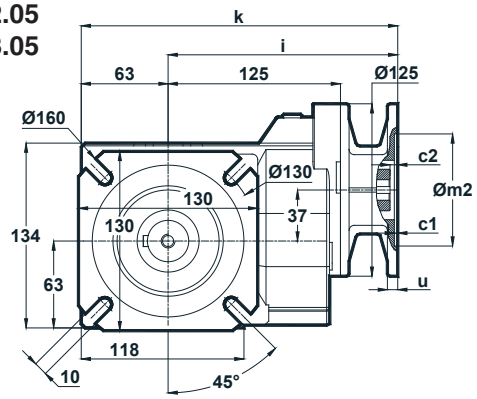


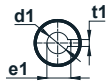


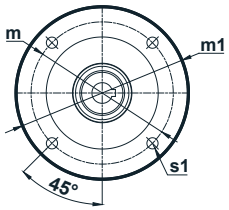
x: If Motor is lower than foot mounting plane

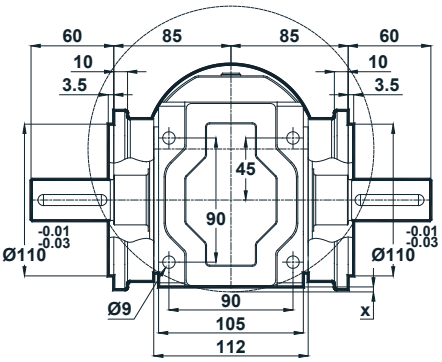
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	168	10	231	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	169.5	12 10	232.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	184.5	12	247.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	184.5	12	247.5	24	8	27.3	-

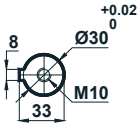
KN102.05
KN103.05







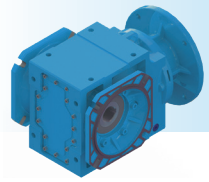




x: If Motor is lower than foot mounting plane

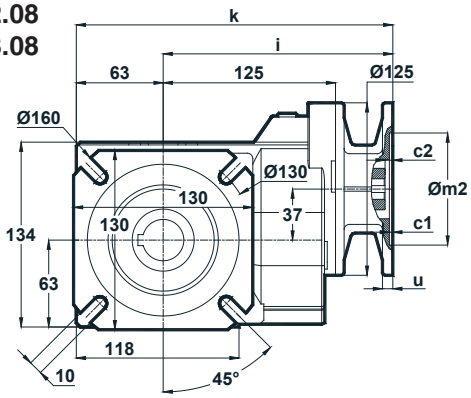
Please see on page 576 for optional flange dimensions

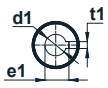
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	168	10	231	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	169.5	12 10	232.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	184.5	12	247.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	184.5	12	247.5	24	8	27.3	-

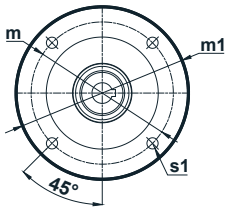


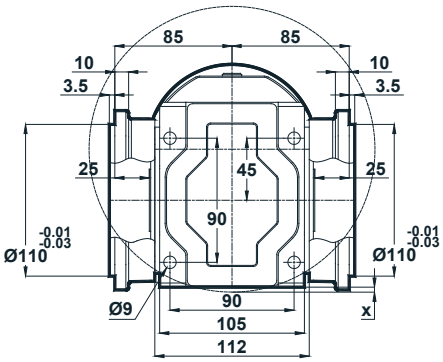
Tapped center hole to DIN 332, sheet 2

KN102.08
KN103.08

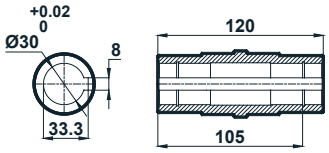






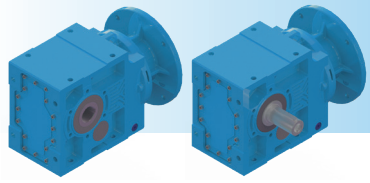


x: If Motor is lower than foot mounting plane



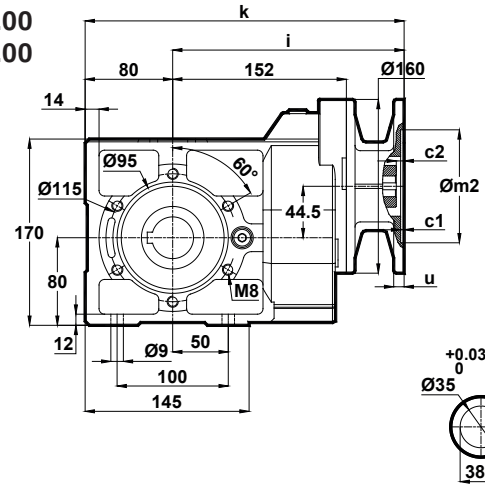
Please see on page 576 for optional flange dimensions

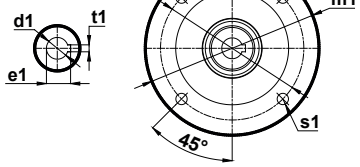
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	168	10	231	11	4	12.8	-
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	169.5	12 10	232.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	184.5	12	247.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	184.5	12	247.5	24	8	27.3	-

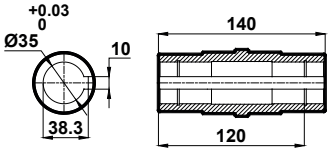


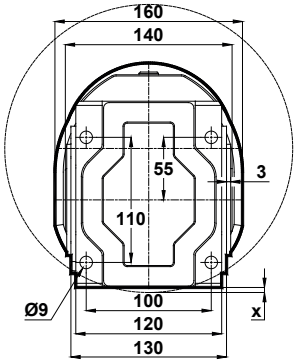
Tapped center hole to DIN 332, sheet 2

KN202.00
KN203.00





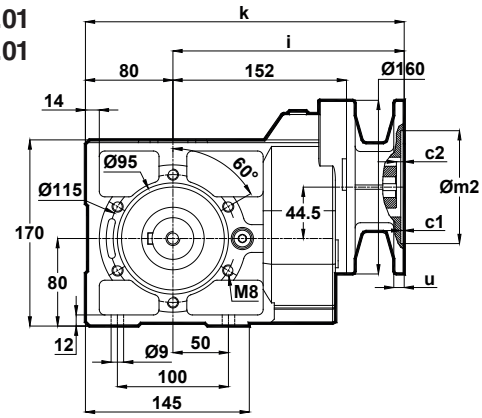


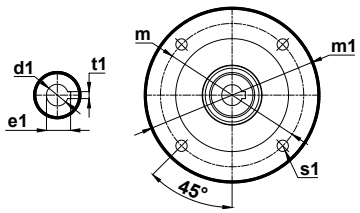


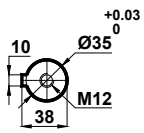
x: If Motor is lower than foot mounting plane

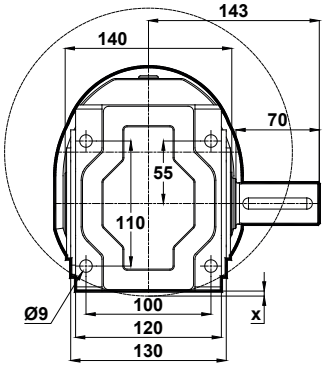
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	225.5	12	305.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	196.5	12 10	276.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	225.5	12	305.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	225.5	12	305.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -

KN202.01
KN203.01



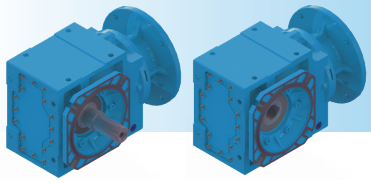






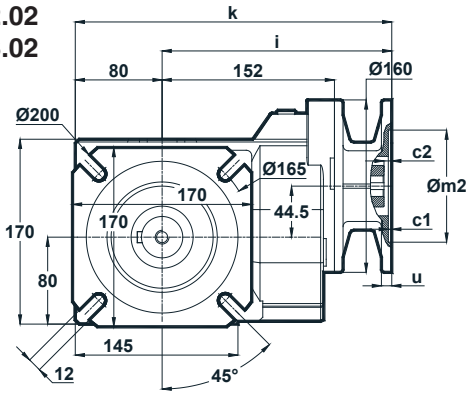
x: If Motor is lower than foot mounting plane

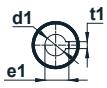
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	225.5	12	305.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	196.5	12 10	276.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	225.5	12	305.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	225.5	12	305.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -

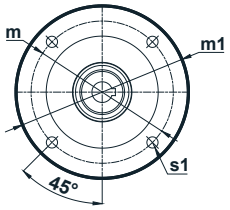


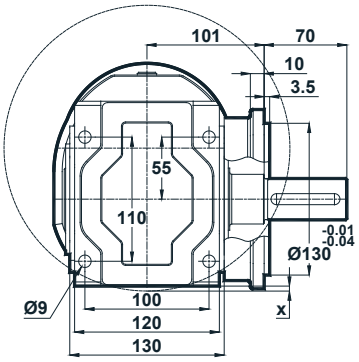
Tapped center hole to DIN 332, sheet 2

KN202.02
KN203.02

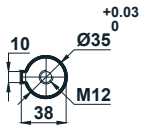








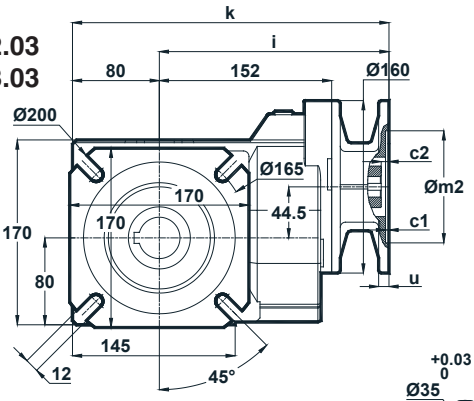
x: If Motor is lower than foot mounting plane

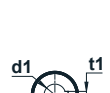


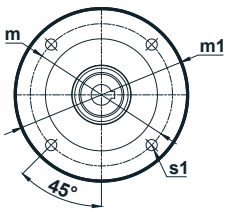
Please see on page 576 for optional flange dimensions

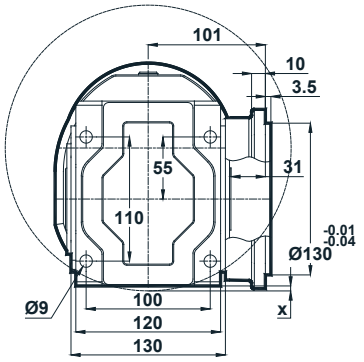
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	225.5	12	305.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	196.5	12 10	276.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	225.5	12	305.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	225.5	12	305.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -

KN202.03
KN203.03

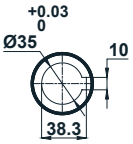


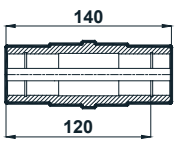






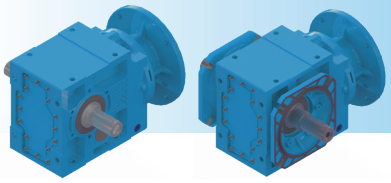
x: If Motor is lower than foot mounting plane





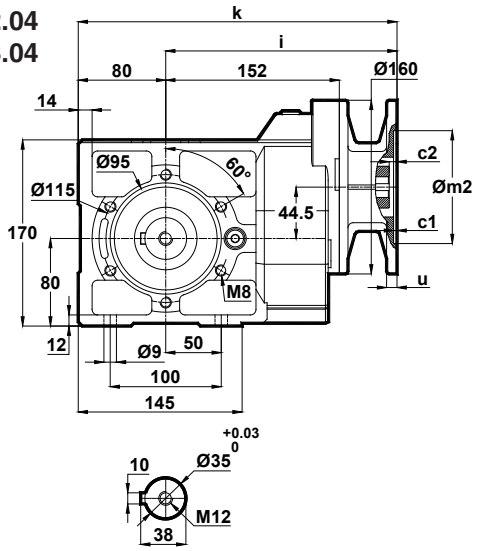
Please see on page 576 for optional flange dimensions

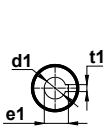
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	225.5	12	305.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	196.5	12 10	276.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	225.5	12	305.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	225.5	12	305.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -

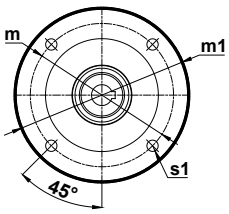


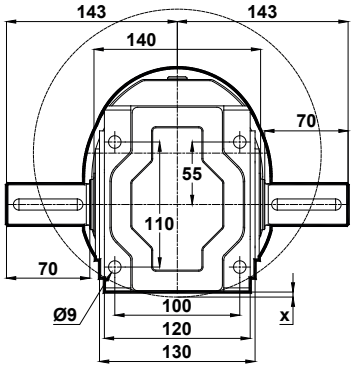
Tapped center hole to DIN 332, sheet 2

KN202.04
KN203.04





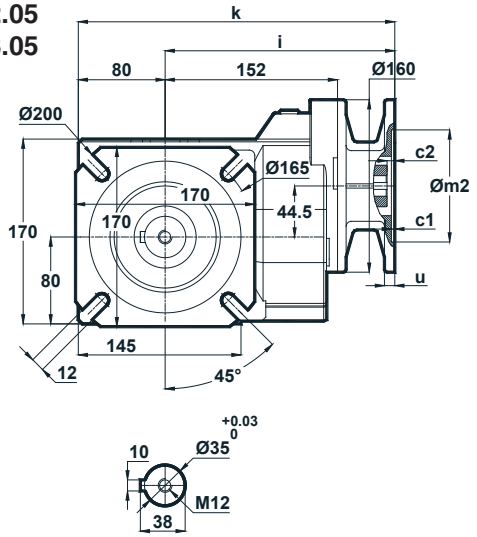


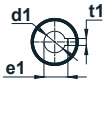


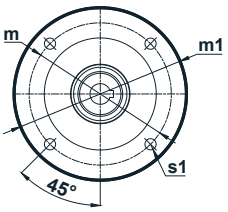
x: If Motor is lower than foot mounting plane

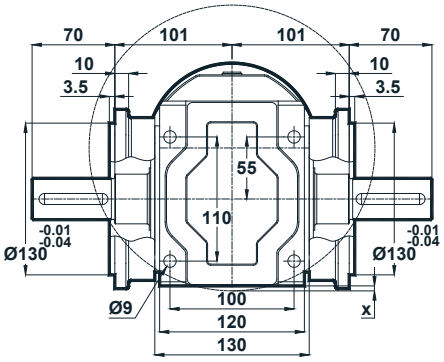
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	225.5	12	305.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	196.5	12 10	276.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	225.5	12	305.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	225.5	12	305.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -

KN202.05
KN203.05





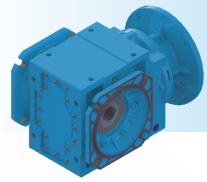




x: If Motor is lower than foot mounting plane

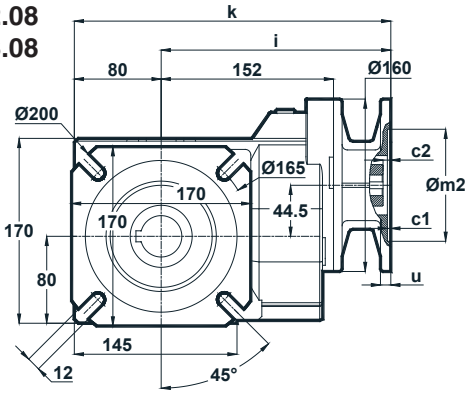
Please see on page 576 for optional flange dimensions

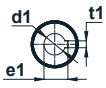
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	225.5	12	305.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	196.5	12 10	276.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	225.5	12	305.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	225.5	12	305.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -

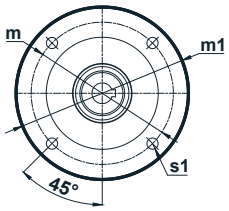


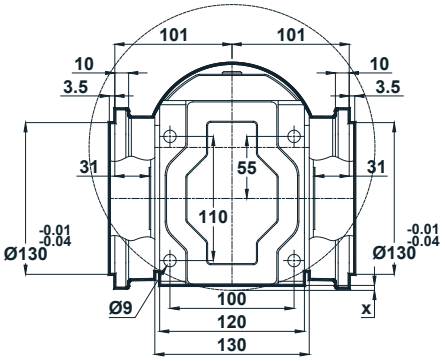
Tapped center hole to DIN 332, sheet 2

KN202.08
KN203.08

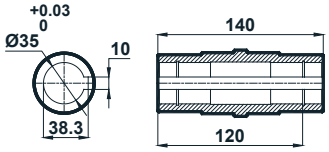






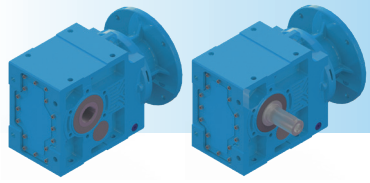


x: If Motor is lower than foot mounting plane



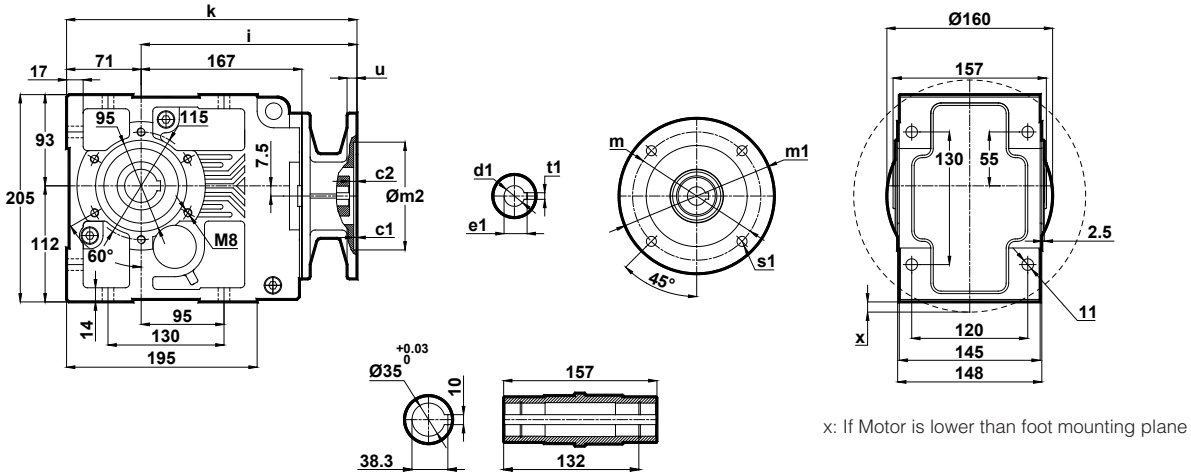
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	225.5	12	305.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	196.5	12 10	276.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	225.5	12	305.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	225.5	12	305.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	218.5	12	298.5	28	8	31.3	0.5 -



Tapped center hole to DIN 332, sheet 2

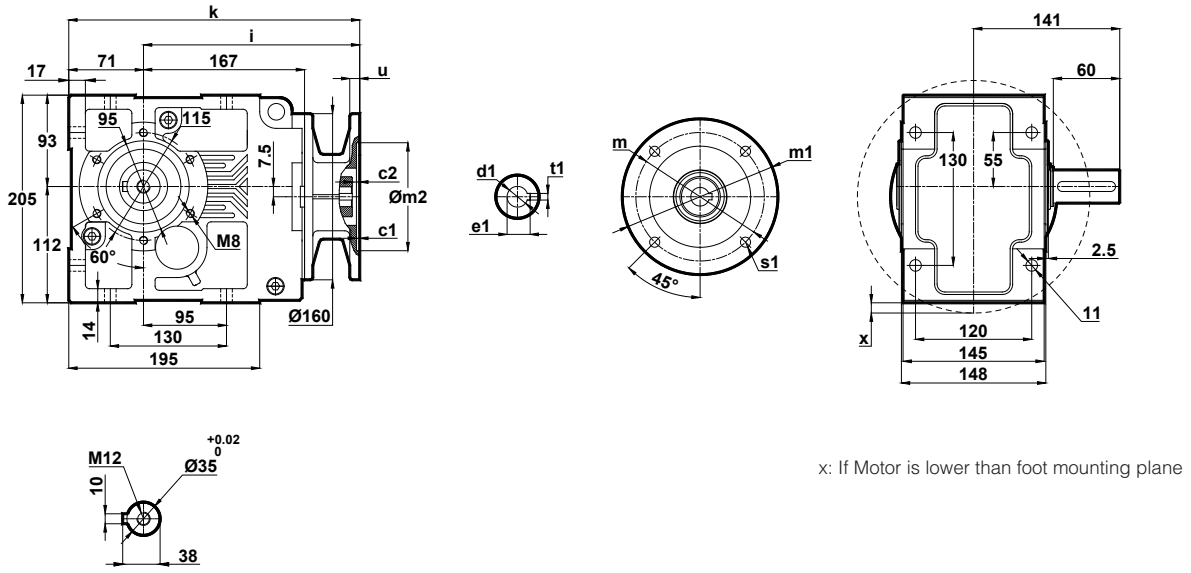
KN273.00



x: If Motor is lower than foot mounting plane

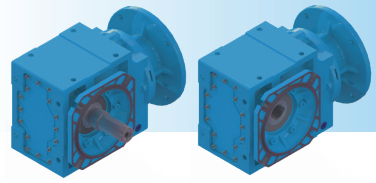
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	240.5	12	311.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	211.5	12 10	282.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	240.5	12	311.5	19	6	21.8	-
90/B5 **90//B14**	4	5	12 9	165 115	200 140	130 95	240.5	12	311.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -

KN273.01



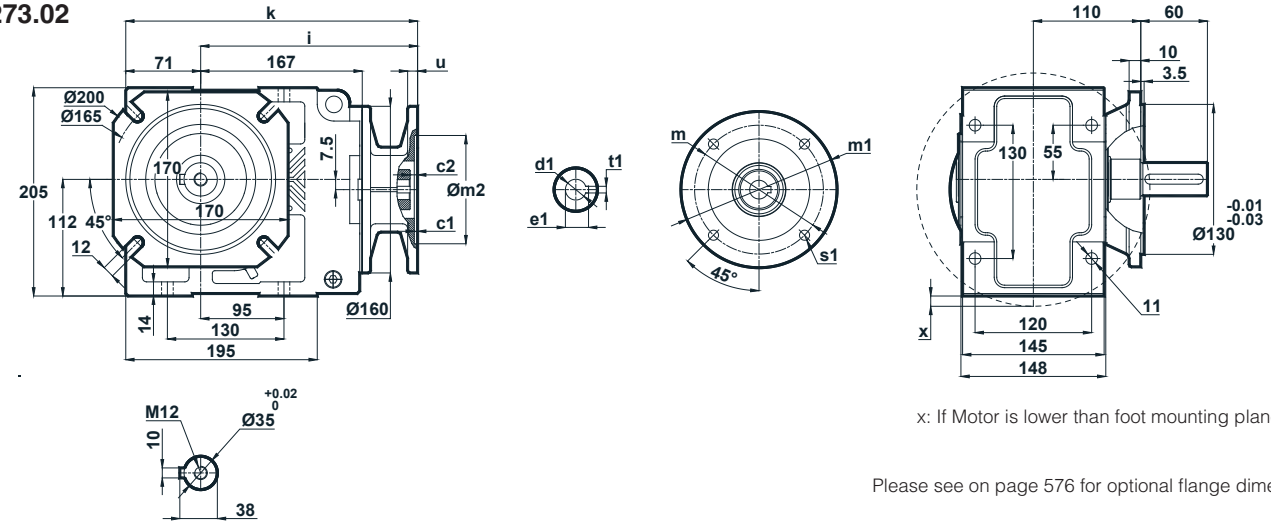
x: If Motor is lower than foot mounting plane

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	240.5	12	311.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	211.5	12 10	282.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	240.5	12	311.5	19	6	21.8	-
90/B5 **90//B14**	4	5	12 9	165 115	200 140	130 95	240.5	12	311.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -



Tapped center hole to DIN 332, sheet 2

KN273.02

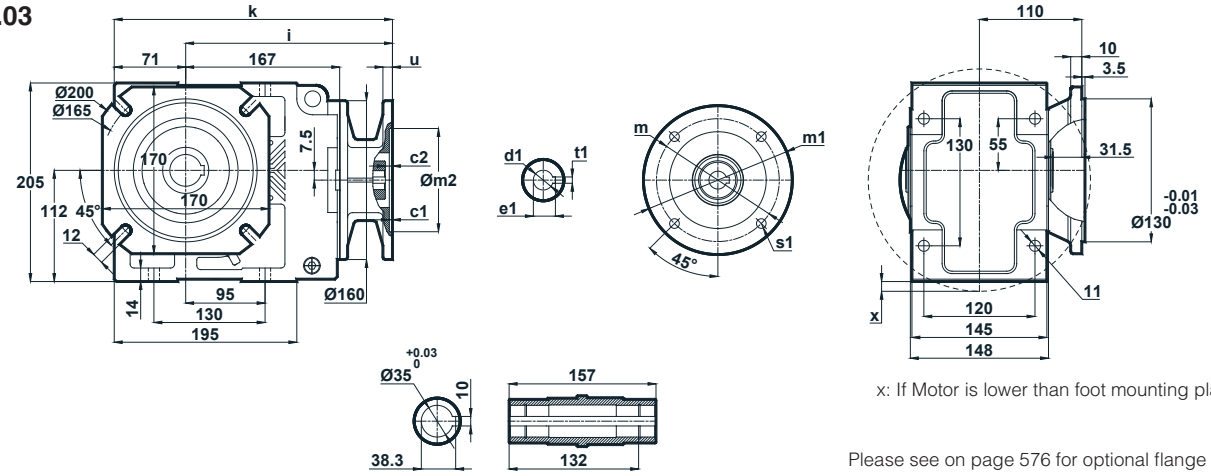


x: If Motor is lower than foot mounting plane

Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	240.5	12	311.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	211.5	12 10	282.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	240.5	12	311.5	19	6	21.8	-
90/B5 **90//B14**	4	5	12 9	165 115	200 140	130 95	240.5	12	311.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -

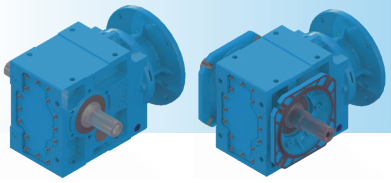
KN273.03



x: If Motor is lower than foot mounting plane

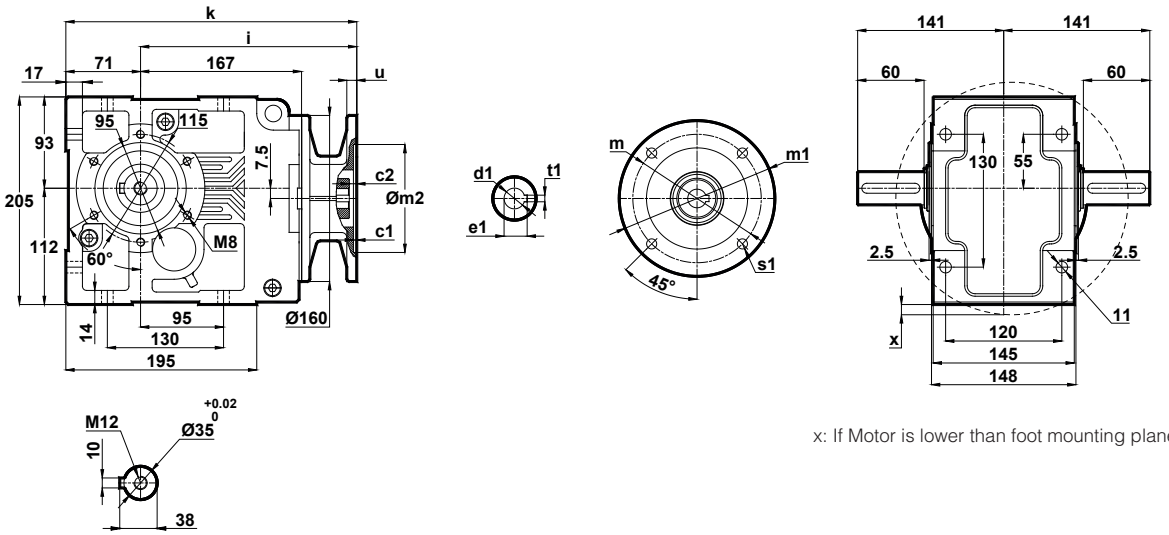
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	240.5	12	311.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	211.5	12 10	282.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	240.5	12	311.5	19	6	21.8	-
90/B5 **90//B14**	4	5	12 9	165 115	200 140	130 95	240.5	12	311.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -



Tapped center hole to DIN 332, sheet 2

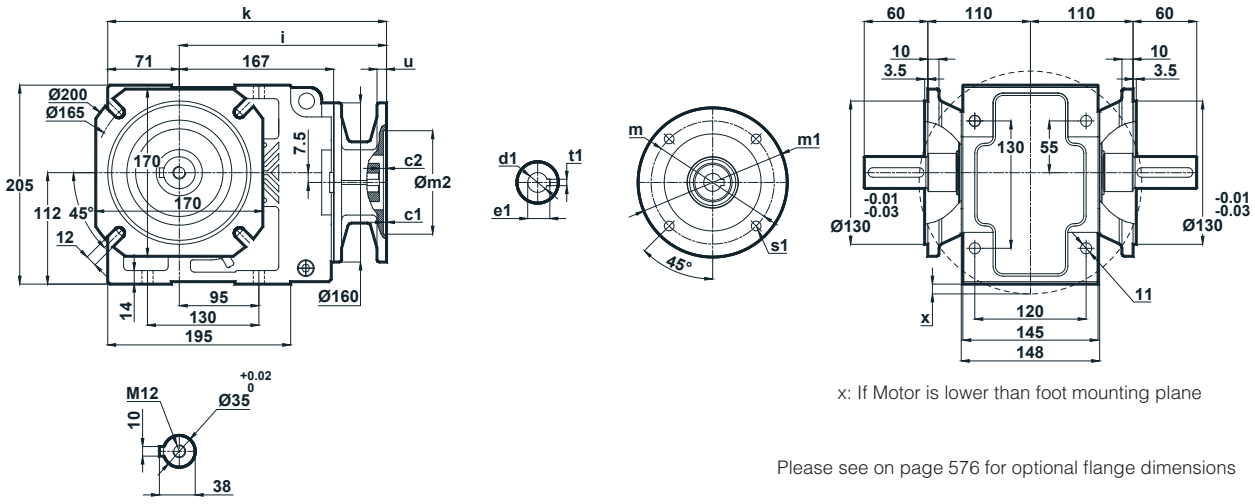
KN273.04



x: If Motor is lower than foot mounting plane

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	240.5	12	311.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	211.5	12 10	282.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	240.5	12	311.5	19	6	21.8	-
90/B5 **90//B14**	4	5	12 9	165 115	200 140	130 95	240.5	12	311.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -

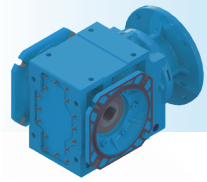
KN273.05



x: If Motor is lower than foot mounting plane

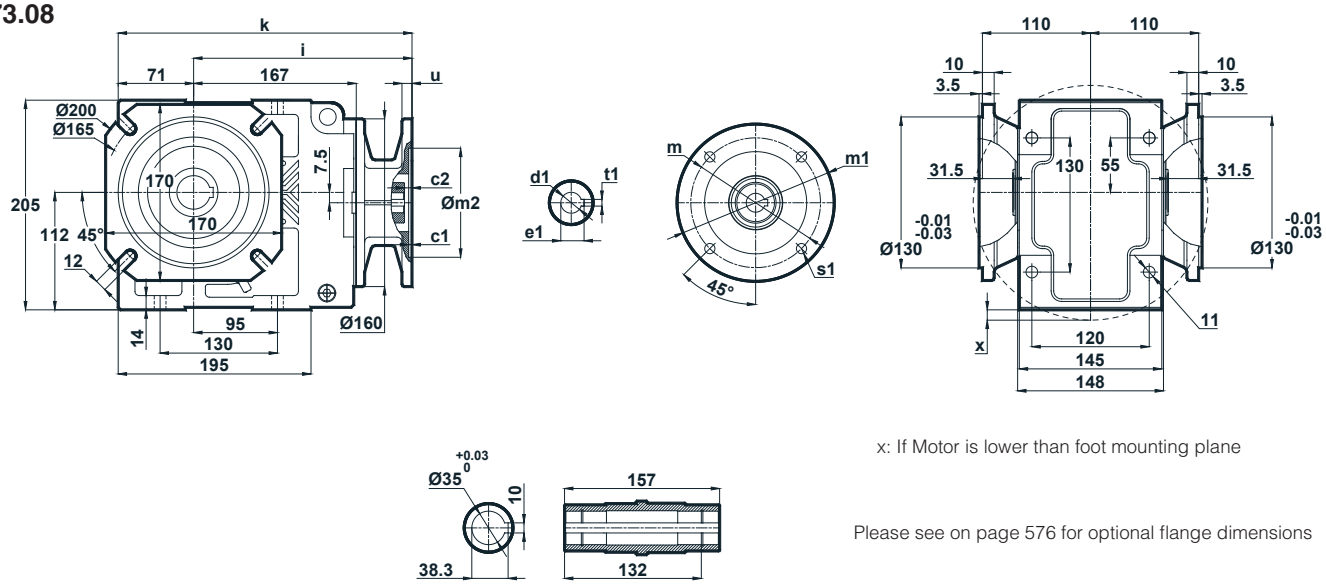
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	240.5	12	311.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	211.5	12 10	282.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	240.5	12	311.5	19	6	21.8	-
90/B5 **90//B14**	4	5	12 9	165 115	200 140	130 95	240.5	12	311.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -



Tapped center hole to DIN 332, sheet 2

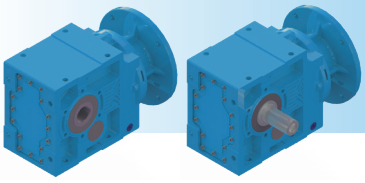
KN273.08



x: If Motor is lower than foot mounting plane

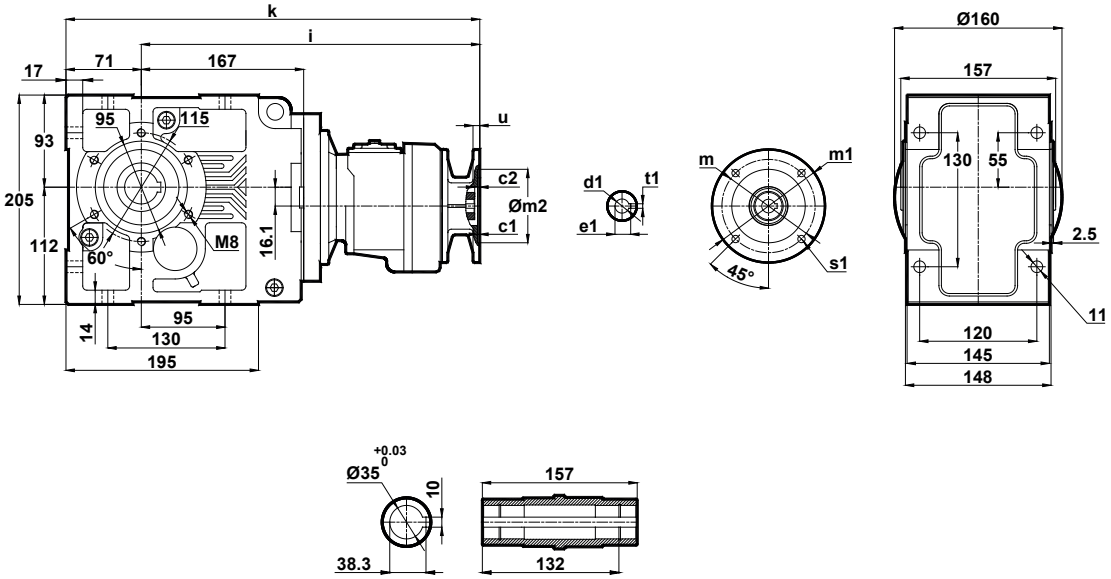
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
63/B5	3.5	5	9	115	140	95	240.5	12	311.5	11	4	12.8	-
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	211.5	12 10	282.5	14	5	16.3	-
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	240.5	12	311.5	19	6	21.8	-
90/B5 **90//B14**	4	5	12 9	165 115	200 140	130 95	240.5	12	311.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -
112/B5 **112/B14**	4.5 4	5.5	15 9	215 130	250 160	180 110	233.5	12	304.5	28	8	31.3	20.5 -



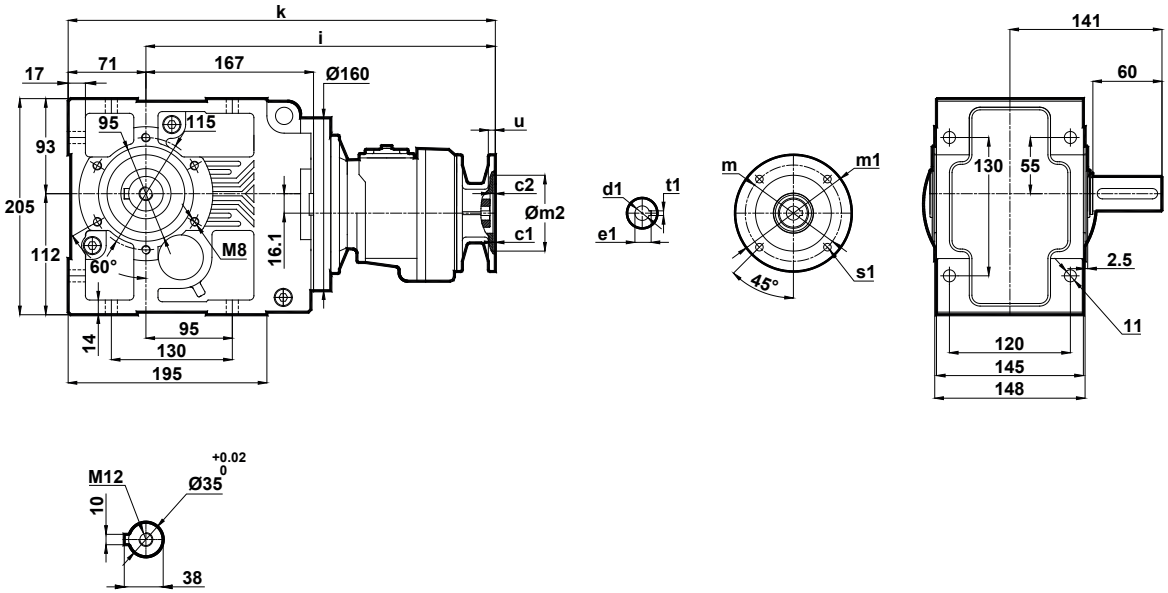
Tapped center hole to DIN 332, sheet 2

KN275.00
KN276.00

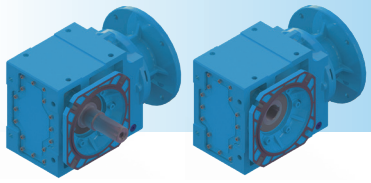


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	356	10	427	11	4	12.8
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	357.5	12 10	428.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	372.5	12	443.5	19	6	21.8

KN275.01
KN276.01

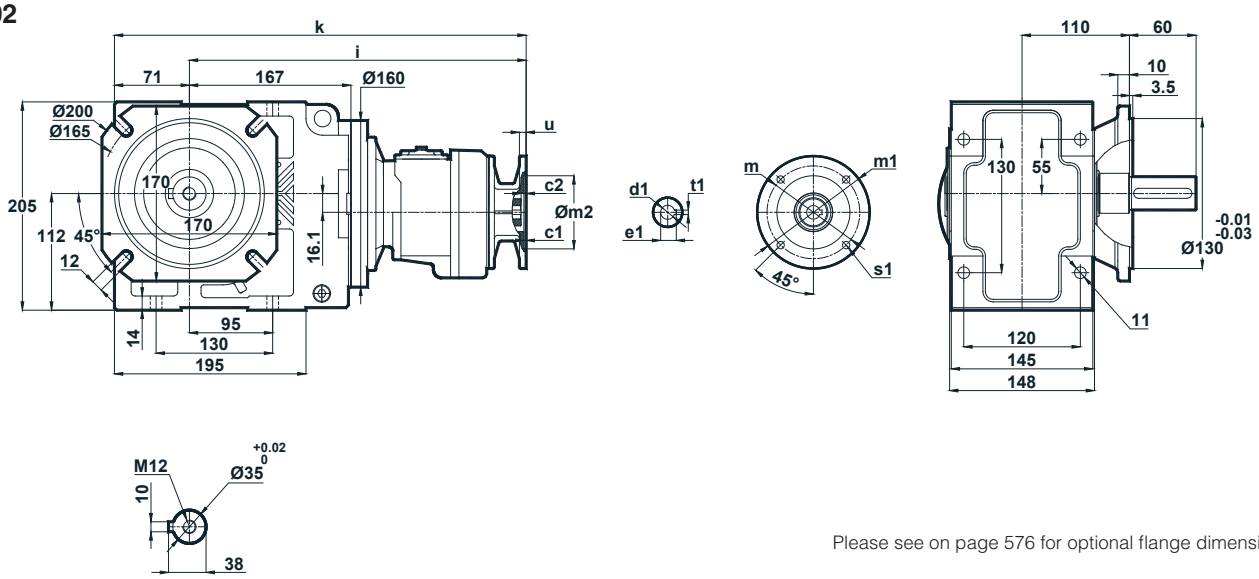


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	356	10	427	11	4	12.8
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	357.5	12 10	428.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	372.5	12	443.5	19	6	21.8



Tapped center hole to DIN 332, sheet 2

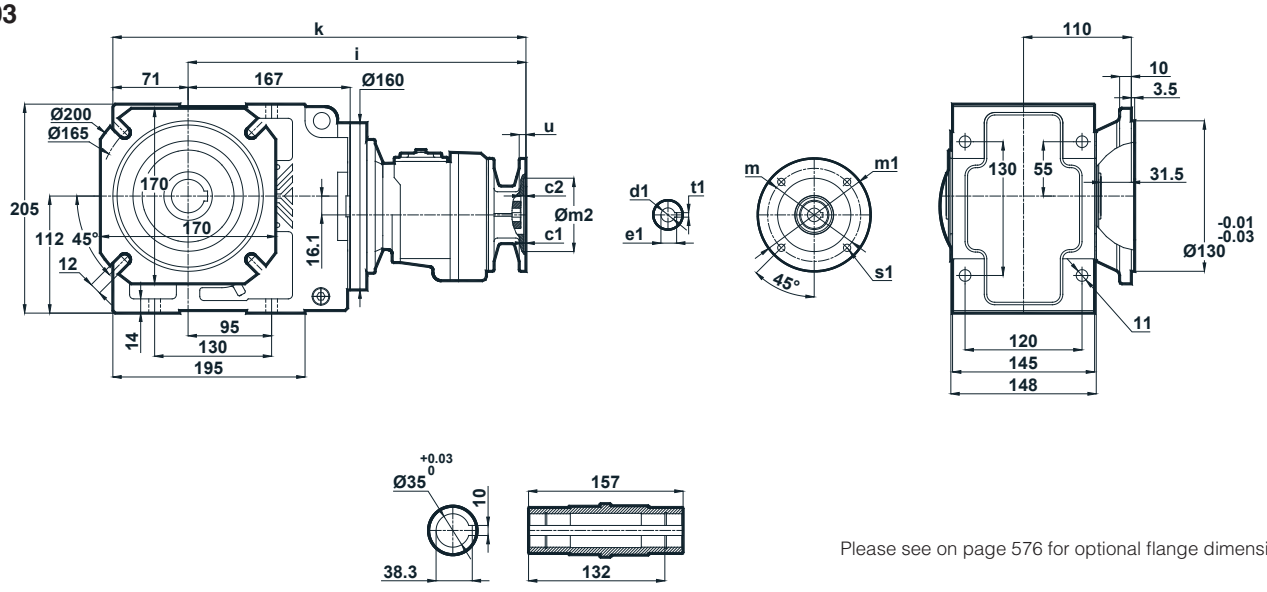
KN275.02
KN276.02



Please see on page 576 for optional flange dimensions

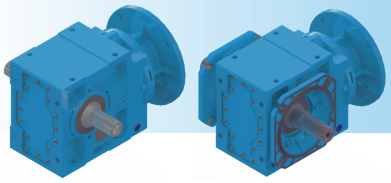
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	356	10	427	11	4	12.8
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	357.5	12 10	428.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	372.5	12	443.5	19	6	21.8

KN275.03
KN276.03



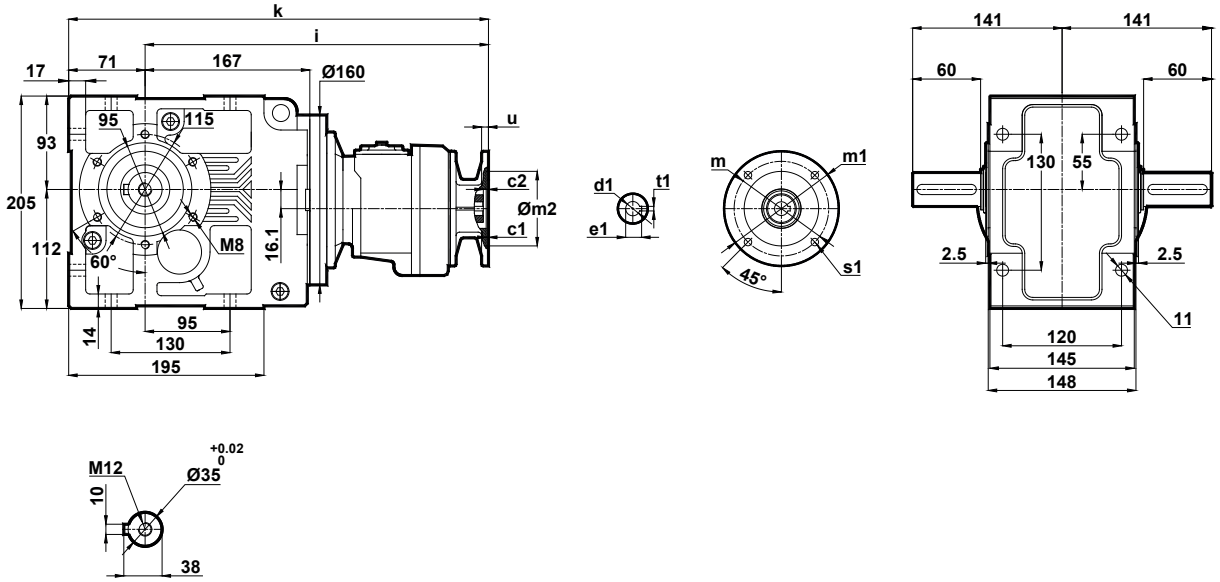
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	356	10	427	11	4	12.8
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	357.5	12 10	428.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	372.5	12	443.5	19	6	21.8



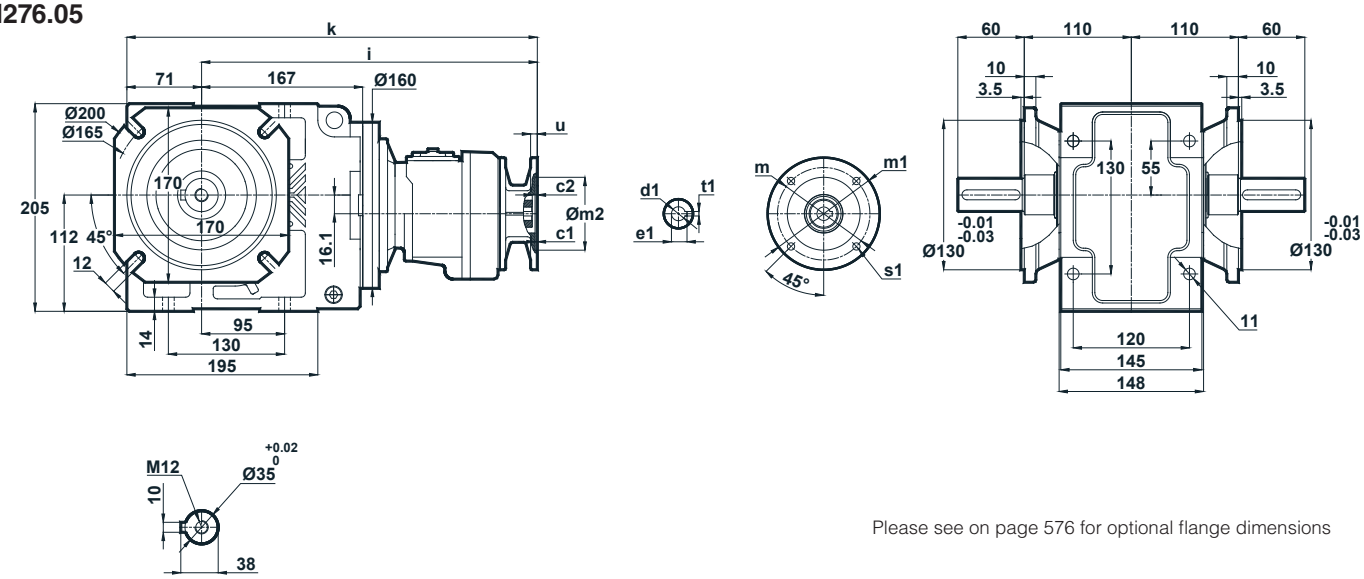
Tapped center hole to DIN 332, sheet 2

KN275.04
KN276.04



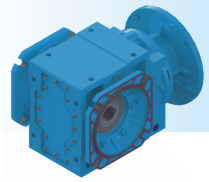
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	356	10	427	11	4	12.8
63/B14	2.5		5.5	75	90	60						
71/B5	4	4.5	11	130	160	110	357.5	12	428.5	14	5	16.3
71/B14	3		7	85	105	70		10				
80/B5	4	5	12	165	200	130	372.5	12	443.5	19	6	21.8
80/B14			7	100	120	80						

KN275.05
KN276.05



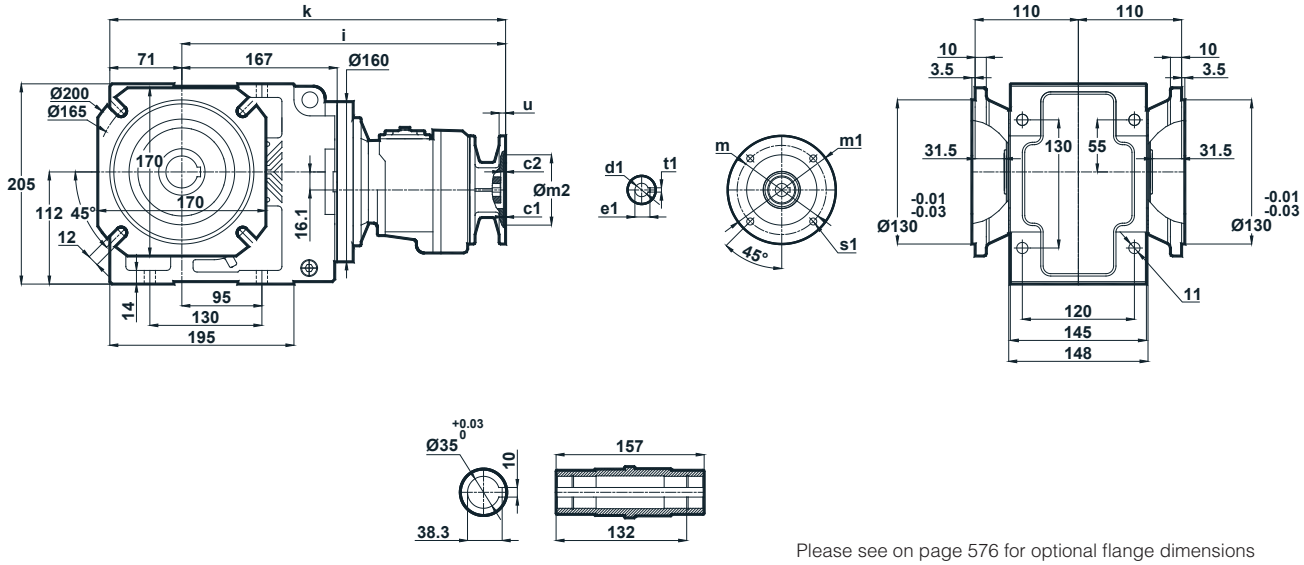
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	356	10	427	11	4	12.8
63/B14	2.5		5.5	75	90	60						
71/B5	4	4.5	11	130	160	110	357.5	12	428.5	14	5	16.3
71/B14	3		7	85	105	70		10				
80/B5	4	5	12	165	200	130	372.5	12	443.5	19	6	21.8
80/B14			7	100	120	80						



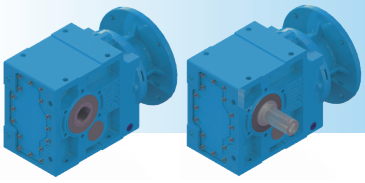
Tapped center hole to DIN 332, sheet 2

KN275.08
KN276.08



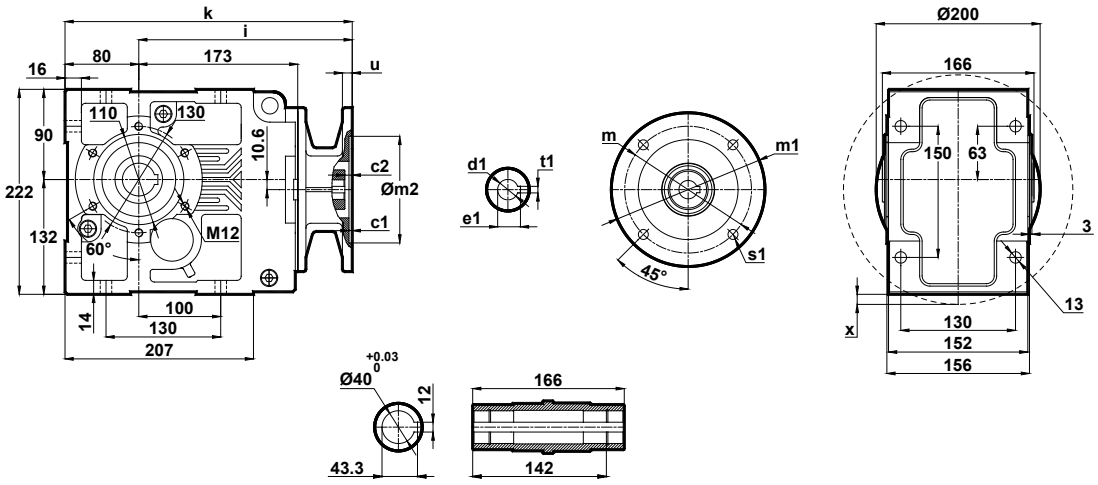
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	356	10	427	11	4	12.8
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	357.5	12 10	428.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	372.5	12	443.5	19	6	21.8



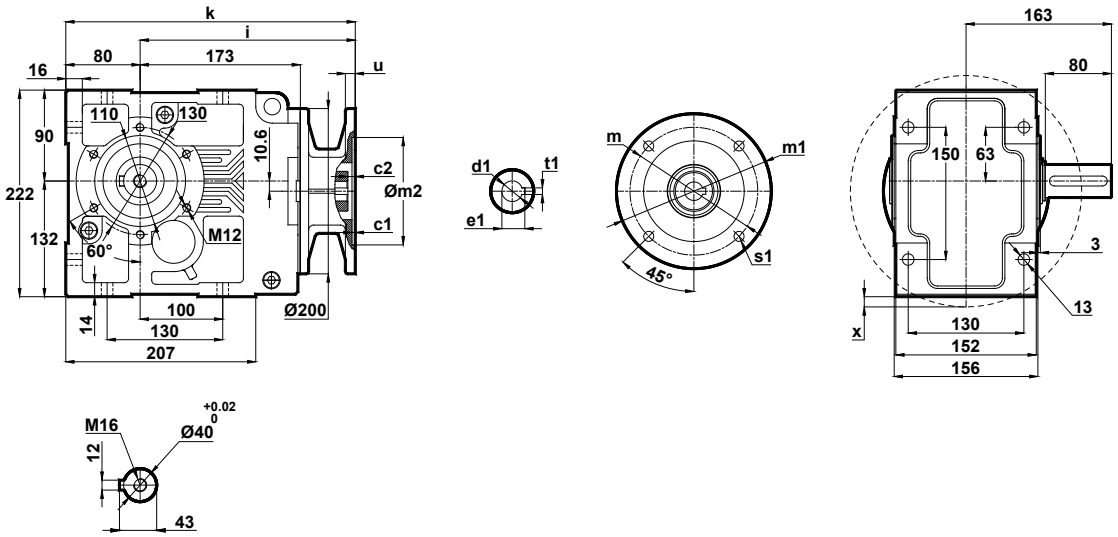
Tapped center hole to DIN 332, sheet 2

KN283.00

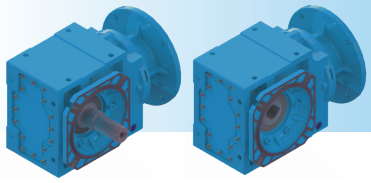


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	239.5	12	319.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	239.5	12	319.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	239.5	12	319.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	276.5	15	356.5	38	10	41.3	28.6 -

KN283.01

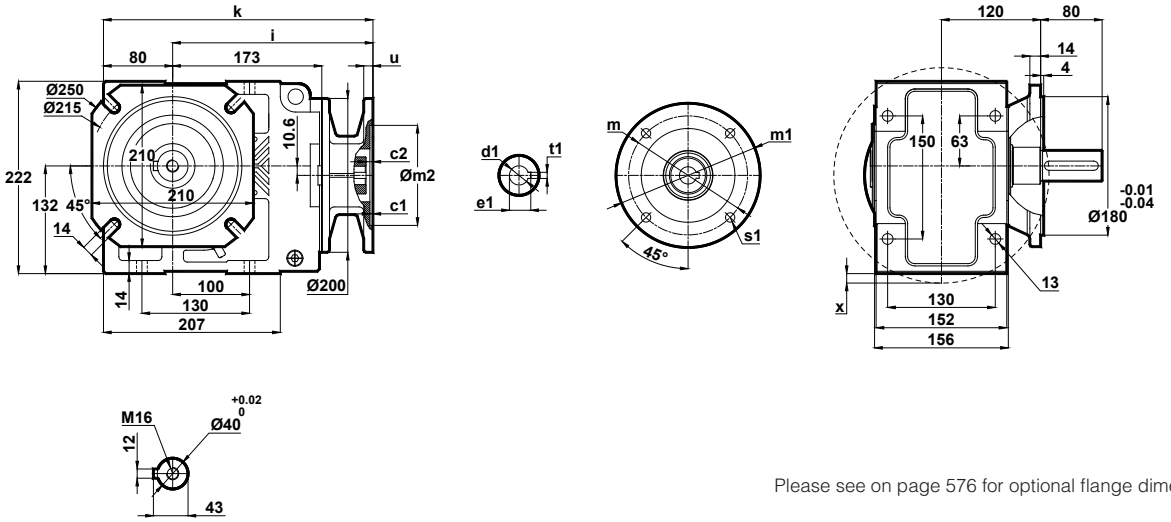


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	239.5	12	319.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	239.5	12	319.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	239.5	12	319.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	276.5	15	356.5	38	10	41.3	28.6 -



Tapped center hole to DIN 332, sheet 2

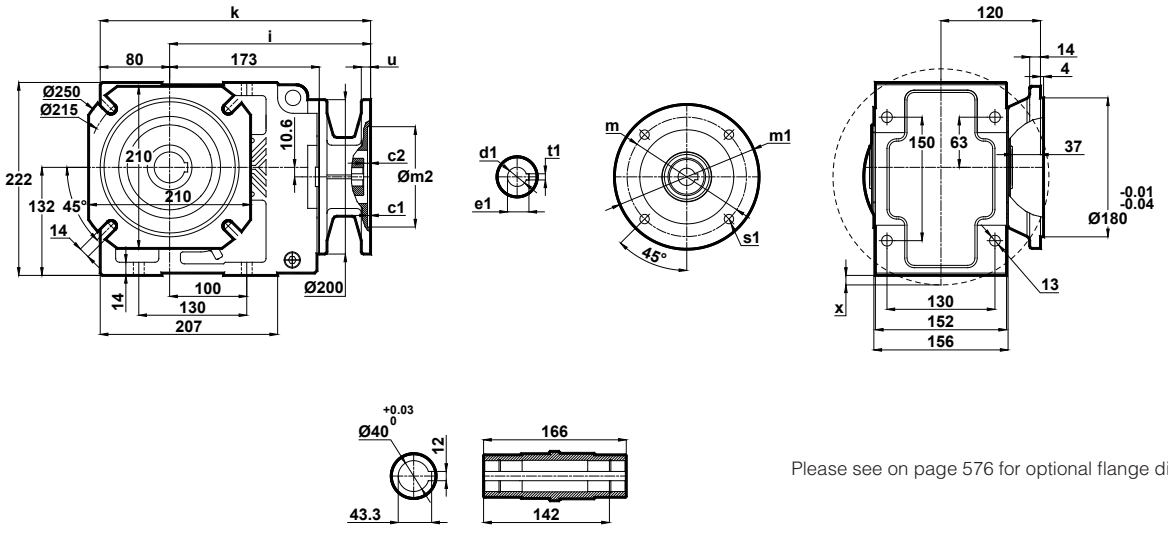
KN283.02



Please see on page 576 for optional flange dimensions

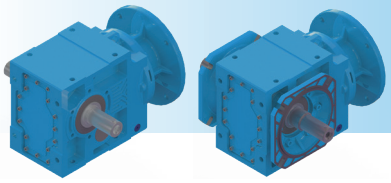
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	239.5	12	319.5	14	5	16.3	-
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	239.5	12	319.5	19	6	21.8	-
90/B5 90/B14	4	9	12 9	165 115	200 140	130 95	239.5	12	319.5	24	8	27.3	-
100/B5 100/B14	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
112/B5 112/B14	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
132/B5 132/B14	4.5	7	15 11	265 165	300 200	230 130	276.5	15	356.5	38	10	41.3	28.6 -

KN283.03



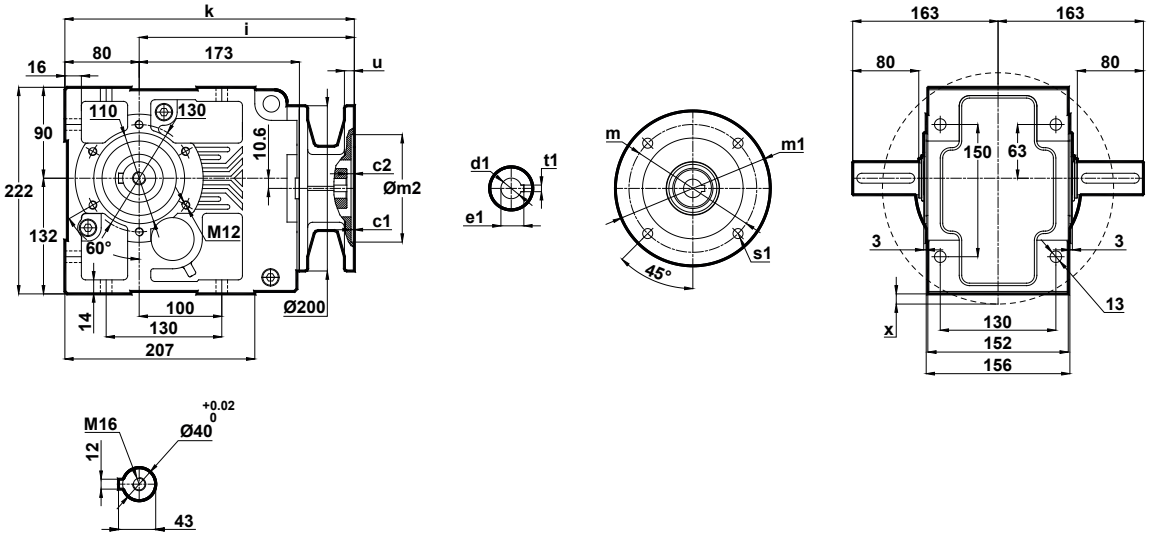
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	239.5	12	319.5	14	5	16.3	-
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	239.5	12	319.5	19	6	21.8	-
90/B5 90/B14	4	9	12 9	165 115	200 140	130 95	239.5	12	319.5	24	8	27.3	-
100/B5 100/B14	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
112/B5 112/B14	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
132/B5 132/B14	4.5	7	15 11	265 165	300 200	230 130	276.5	15	356.5	38	10	41.3	28.6 -



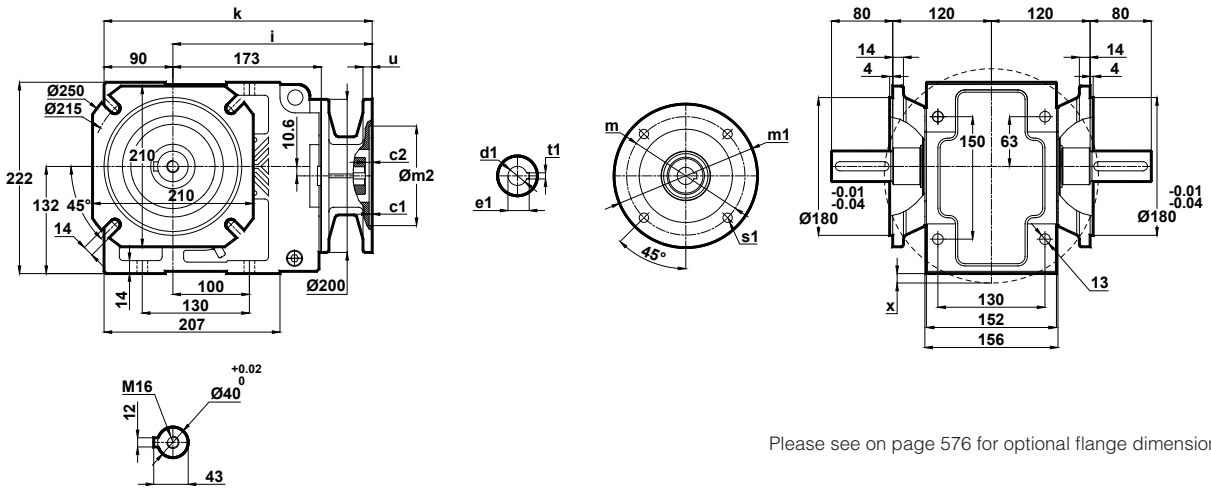
Tapped center hole to DIN 332, sheet 2

KN283.04



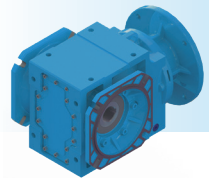
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	239.5	12	319.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	239.5	12	319.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	239.5	12	319.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	276.5	15	356.5	38	10	41.3	28.6 -

KN283.05



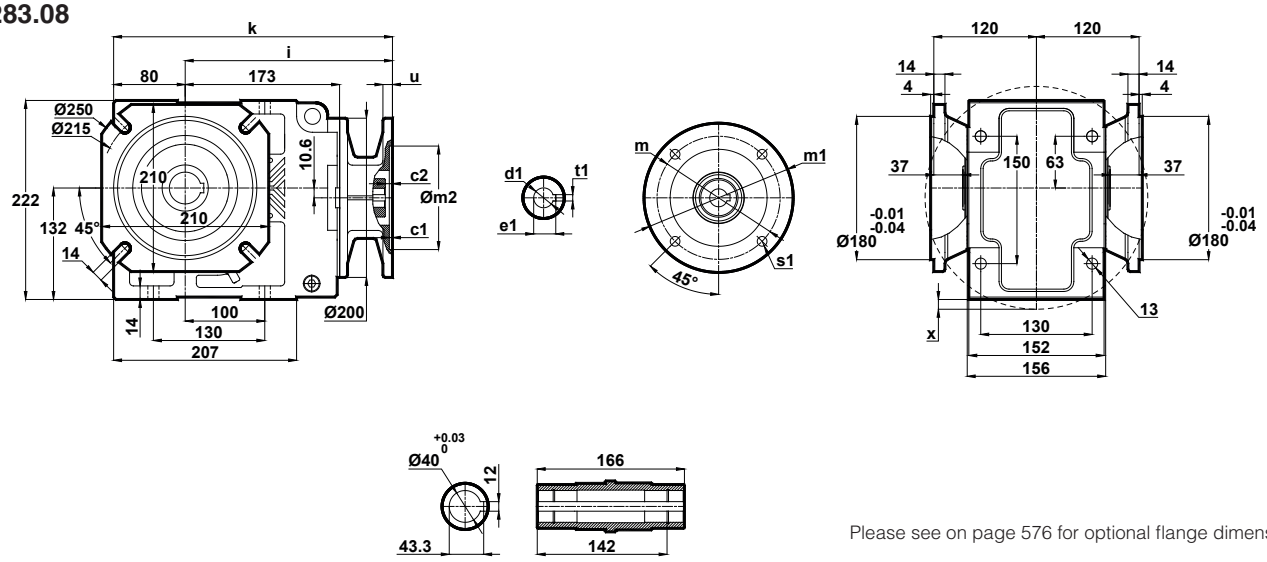
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	239.5	12	319.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	239.5	12	319.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	239.5	12	319.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	276.5	15	356.5	38	10	41.3	28.6 -



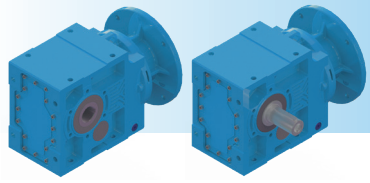
Tapped center hole to DIN 332, sheet 2

KN283.08



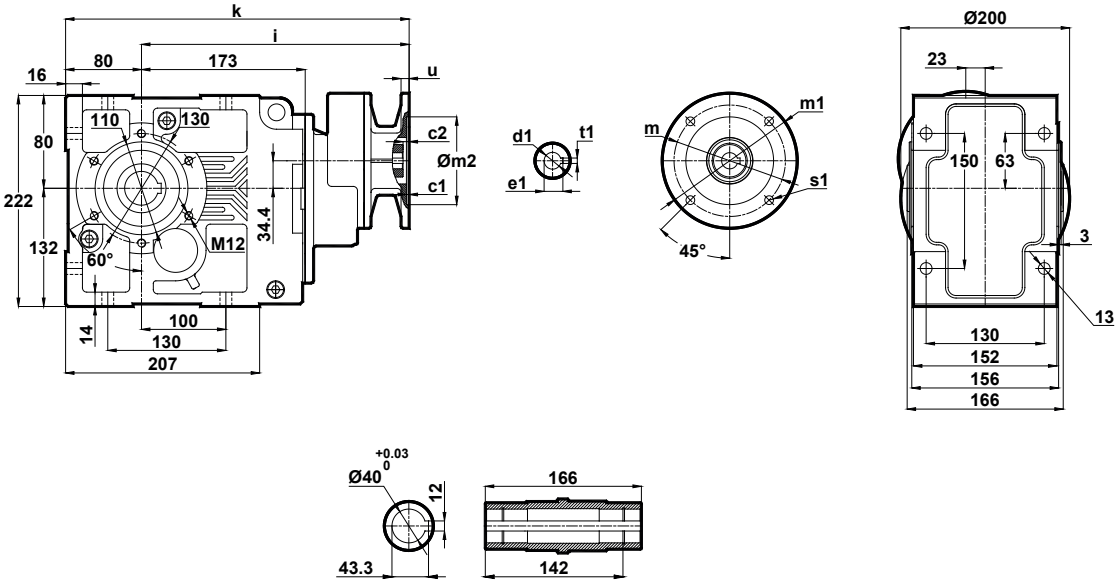
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	239.5	12	319.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	239.5	12	319.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	239.5	12	319.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	256.5	15	336.5	28	8	31.3	3.6 -
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	276.5	15	356.5	38	10	41.3	28.6 -



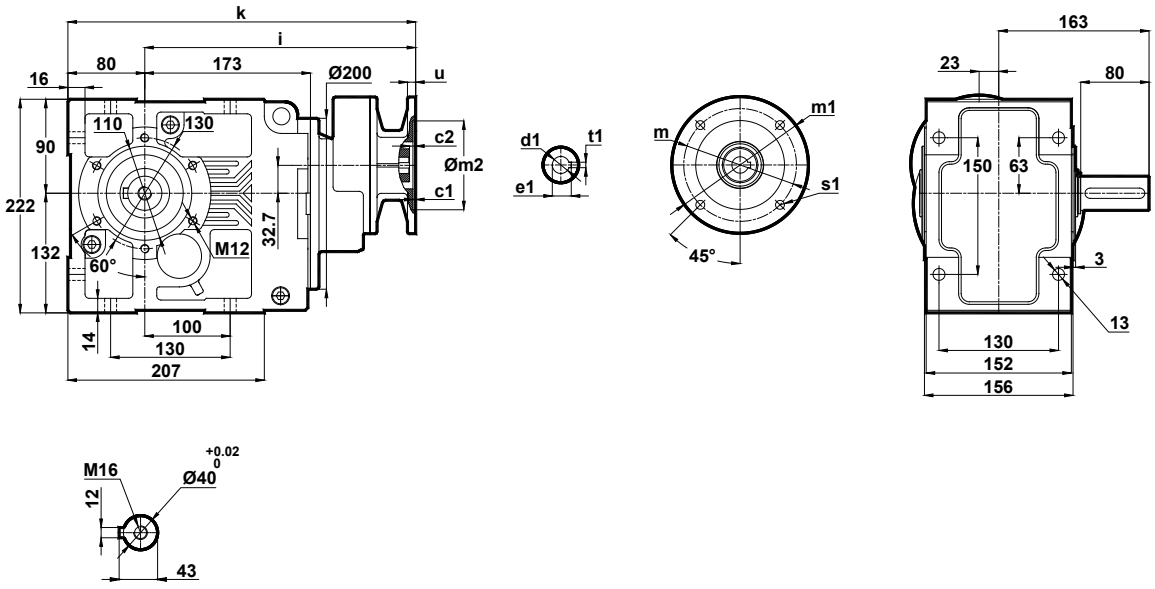
Tapped center hole to DIN 332, sheet 2

KN284.00

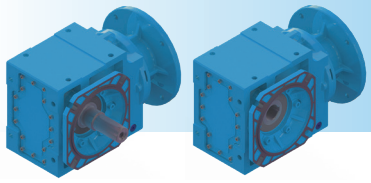


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	316.5	12	396.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	287.5	12 10	367.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	316.5	12	396.5	19	6	21.8

KN284.01

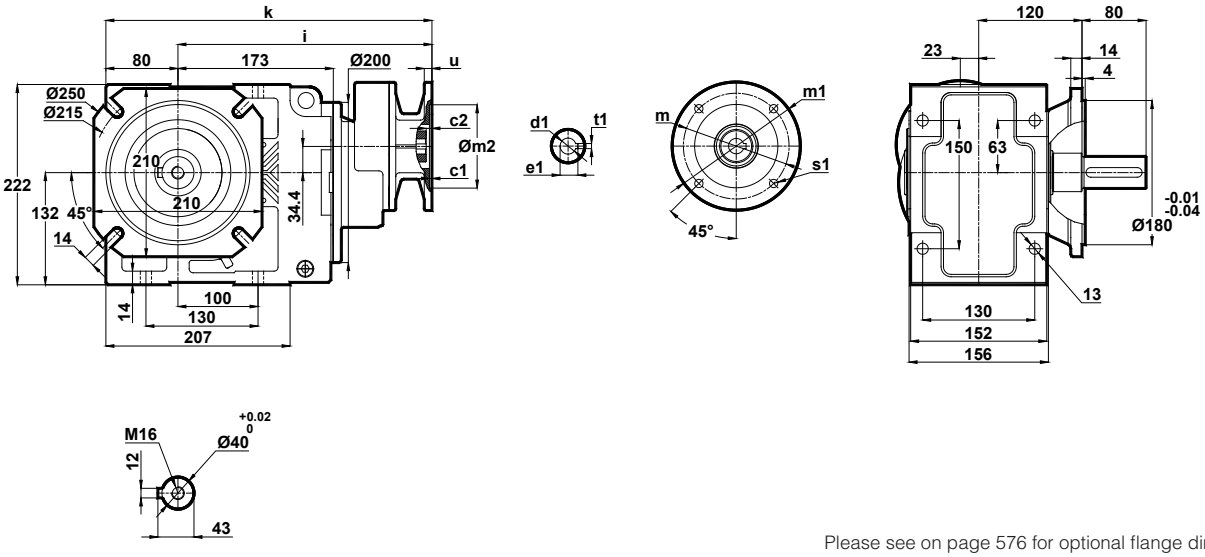


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	316.5	12	396.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	287.5	12 10	367.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	316.5	12	396.5	19	6	21.8



Tapped center hole to DIN 332, sheet 2

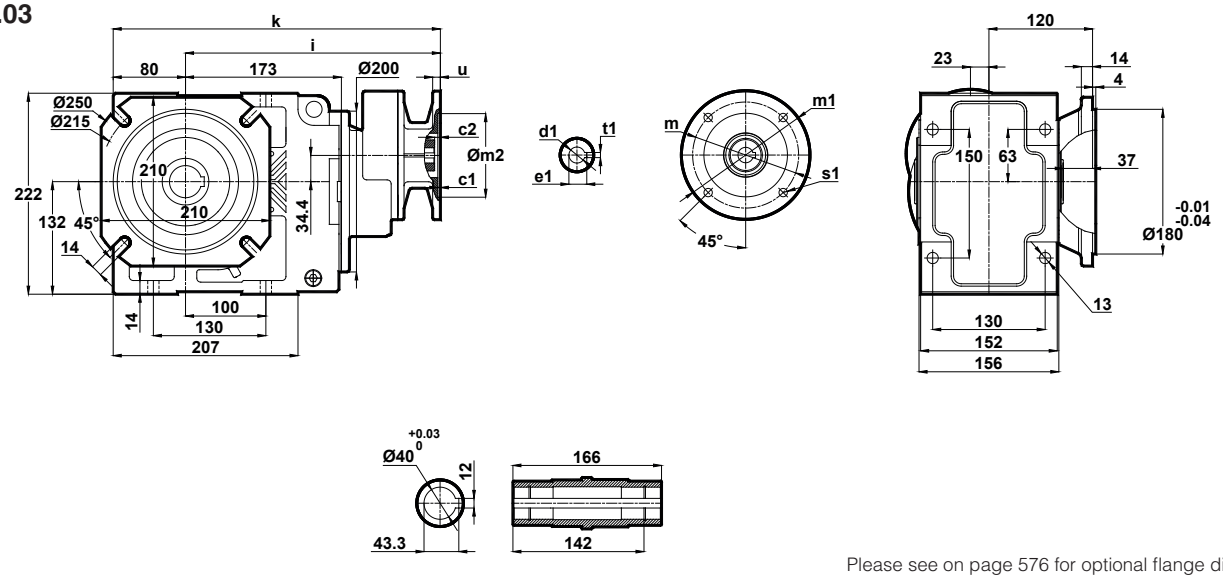
KN284.02



Please see on page 576 for optional flange dimensions

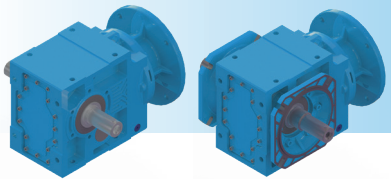
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	316.5	12	396.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	287.5	12 10	367.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	316.5	12	396.5	19	6	21.8

KN284.03



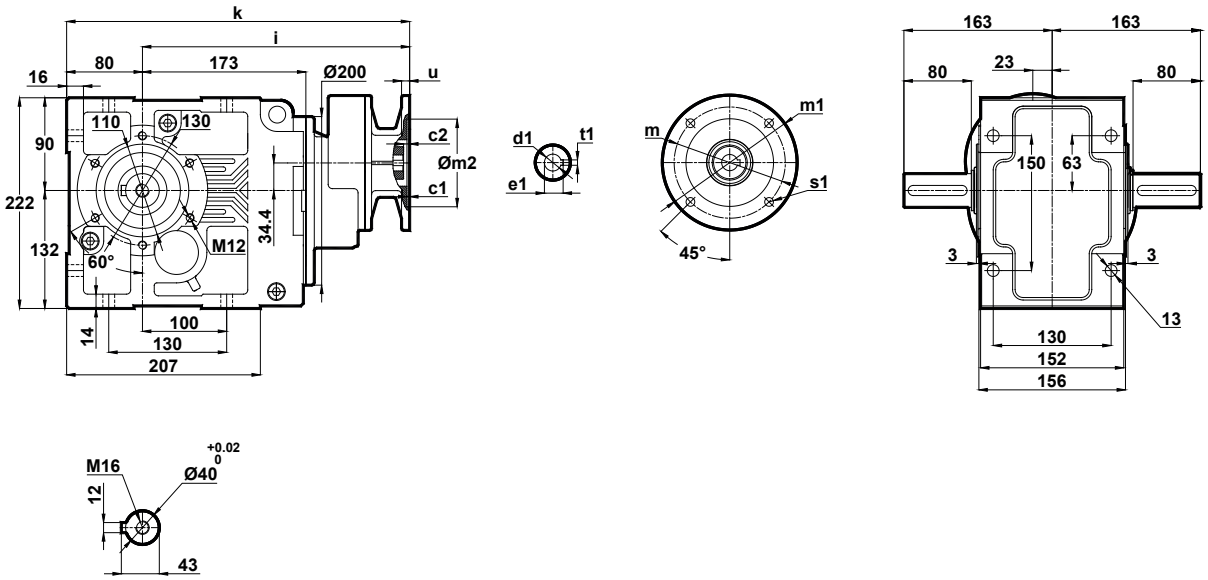
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	316.5	12	396.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	287.5	12 10	367.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	316.5	12	396.5	19	6	21.8



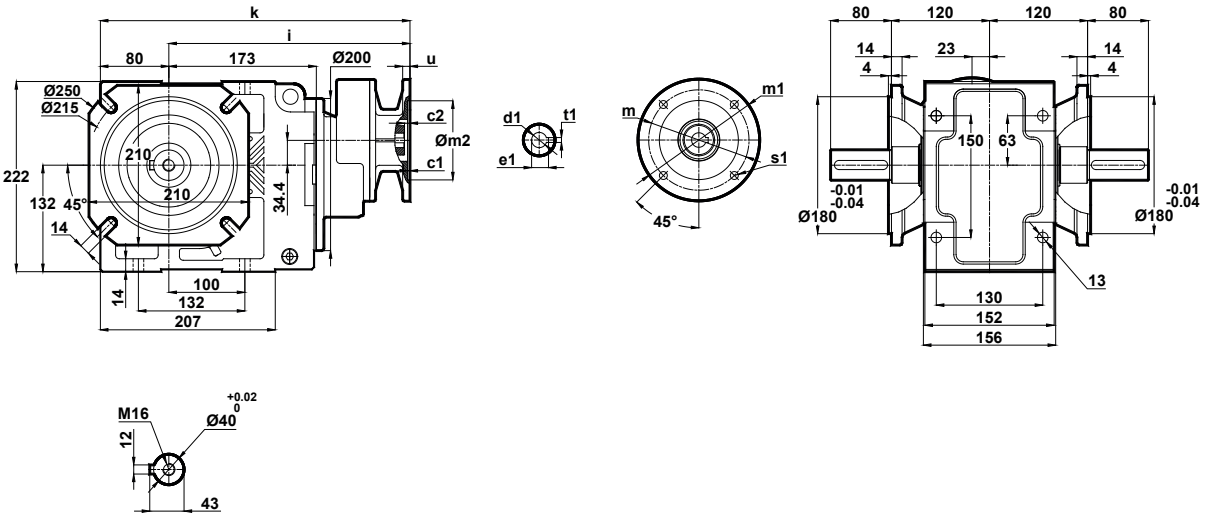
Tapped center hole to DIN 332, sheet 2

KN284.04



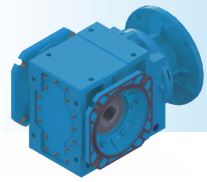
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	316.5	12	396.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	287.5	12 10	367.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	316.5	12	396.5	19	6	21.8

KN284.05



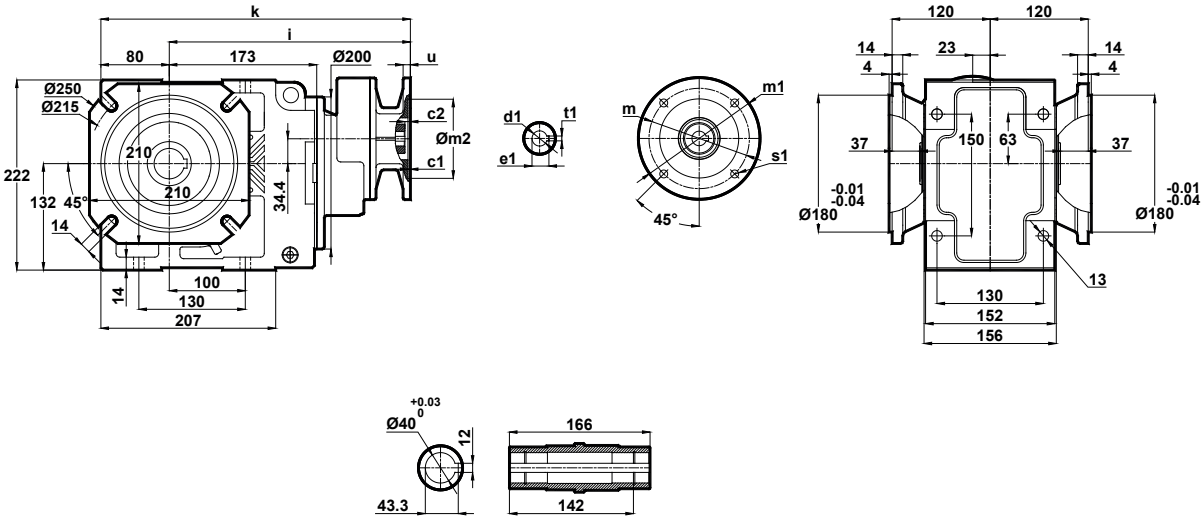
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	316.5	12	396.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	287.5	12 10	367.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	316.5	12	396.5	19	6	21.8



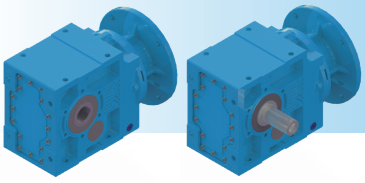
Tapped center hole to DIN 332, sheet 2

KN284.08



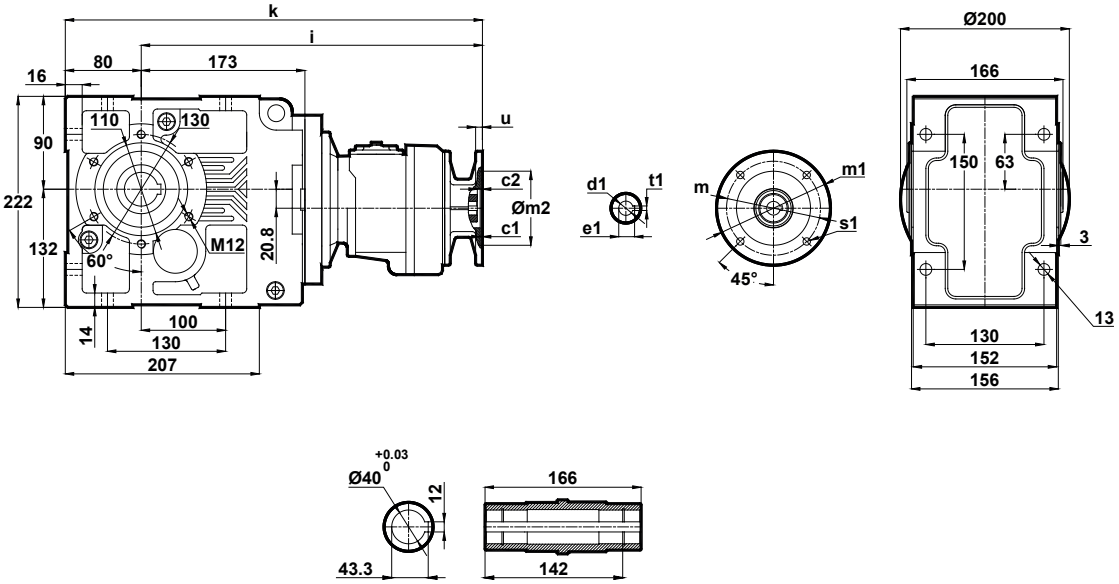
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	316.5	12	396.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	287.5	12 10	367.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	316.5	12	396.5	19	6	21.8



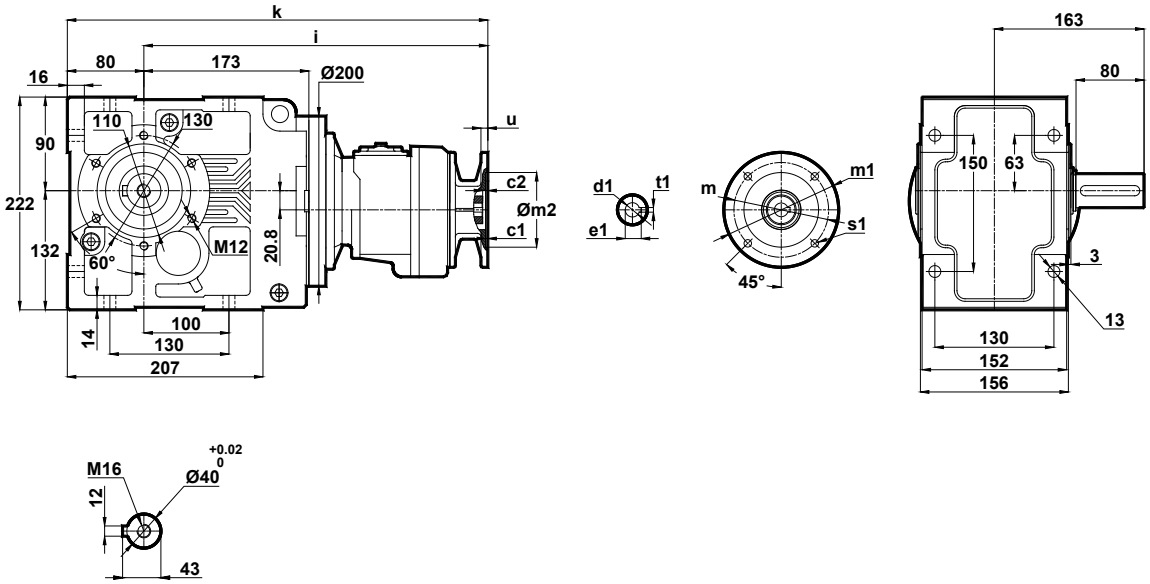
Tapped center hole to DIN 332, sheet 2

KN285.00
KN286.00

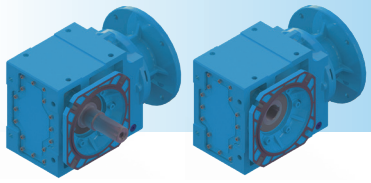


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	382	10	549	11	4	12.8

KN285.01
KN286.01

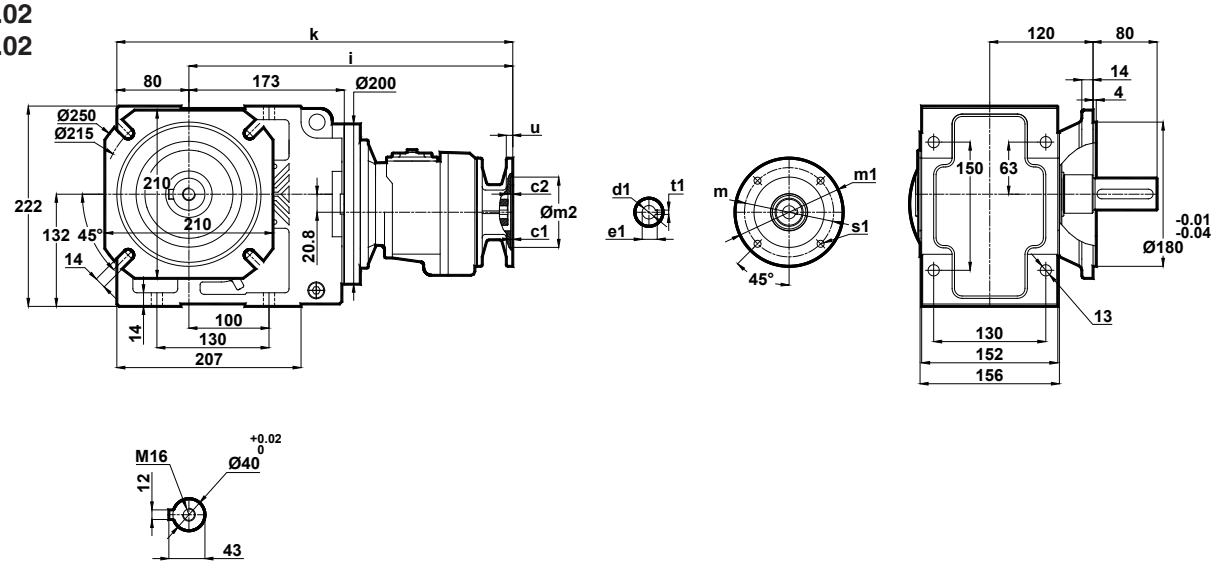


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	382	10	549	11	4	12.8



Tapped center hole to DIN 332, sheet 2

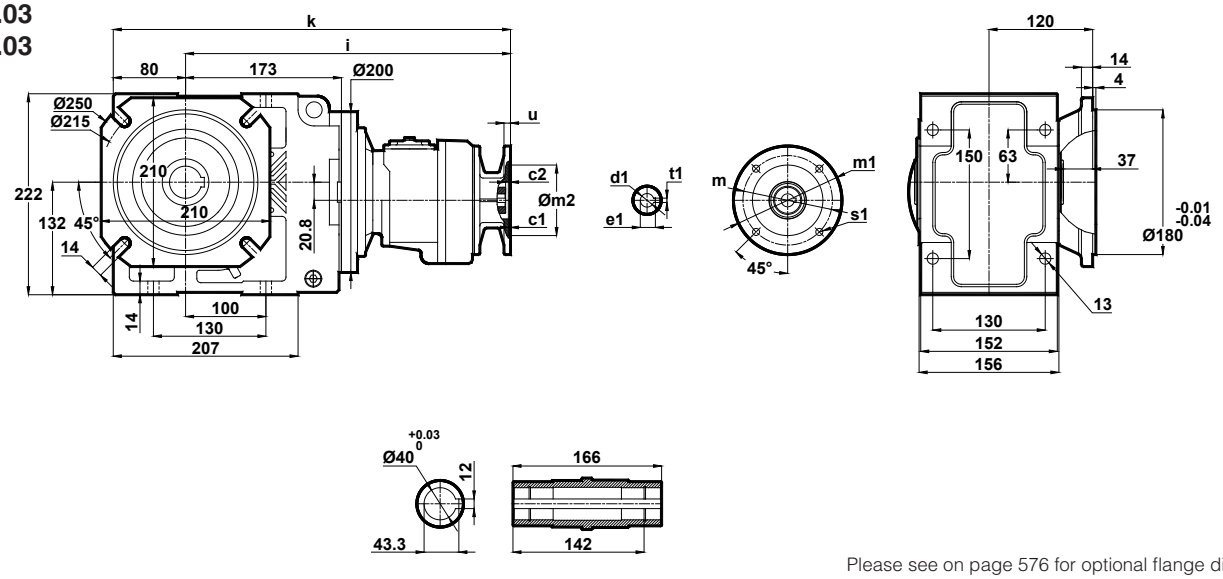
KN285.02
KN286.02



Please see on page 576 for optional flange dimensions

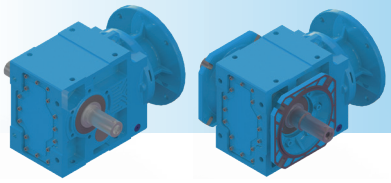
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	382	10	549	11	4	12.8

KN285.03
KN286.03



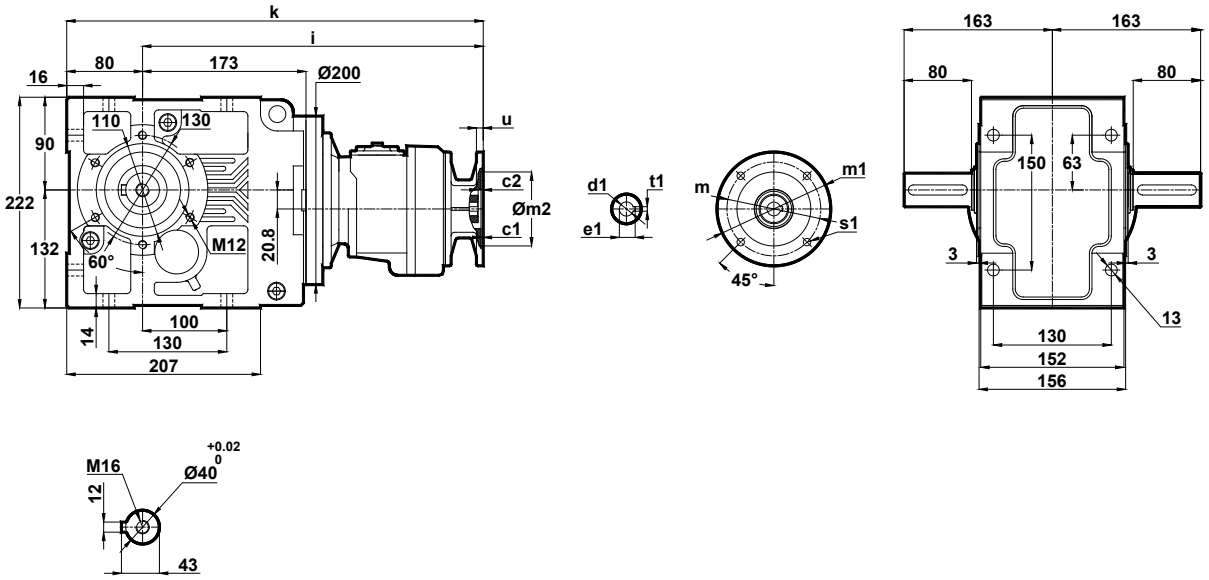
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	382	10	549	11	4	12.8



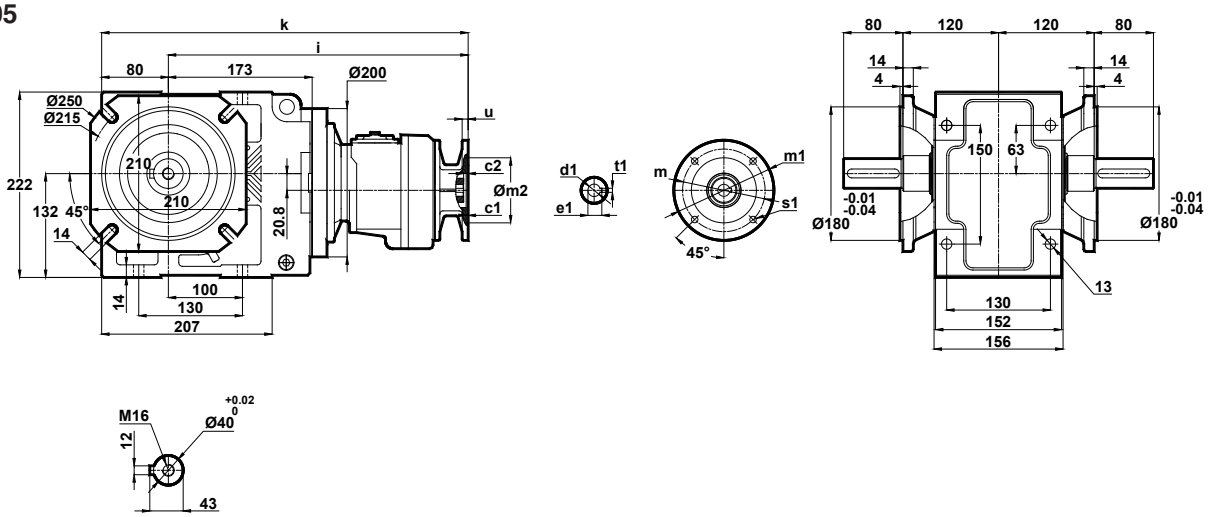
Tapped center hole to DIN 332, sheet 2

KN285.04
KN286.04



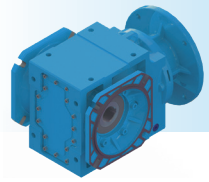
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	382	10	549	11	4	12.8

KN285.05
KN286.05



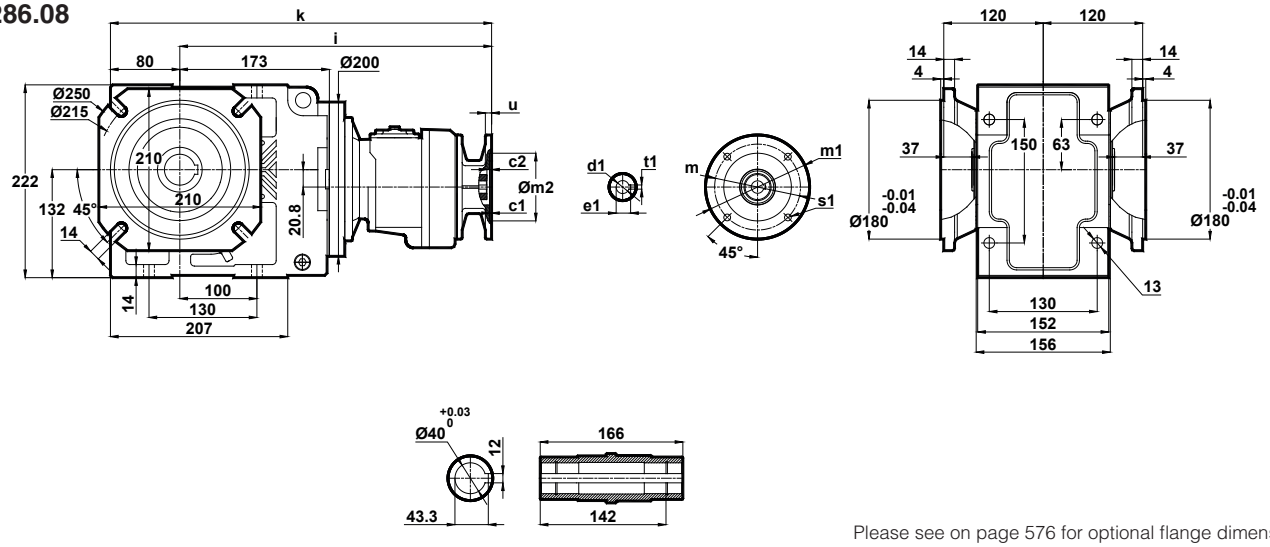
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	382	10	549	11	4	12.8



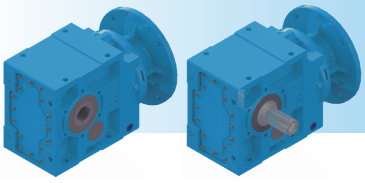
Tapped center hole to DIN 332, sheet 2

KN285.08
KN286.08



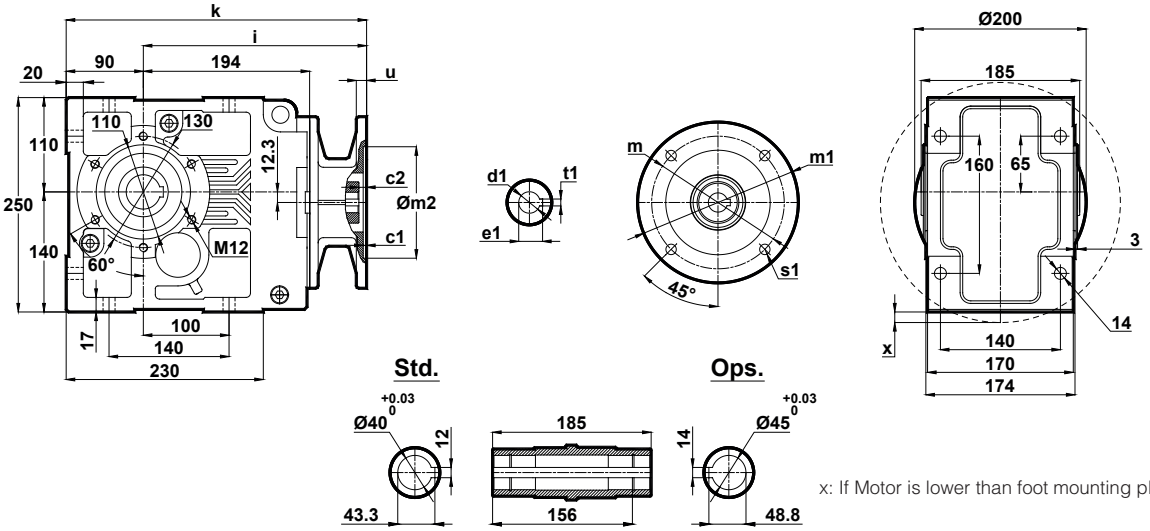
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	382	10	549	11	4	12.8



Tapped center hole to DIN 332, sheet 2

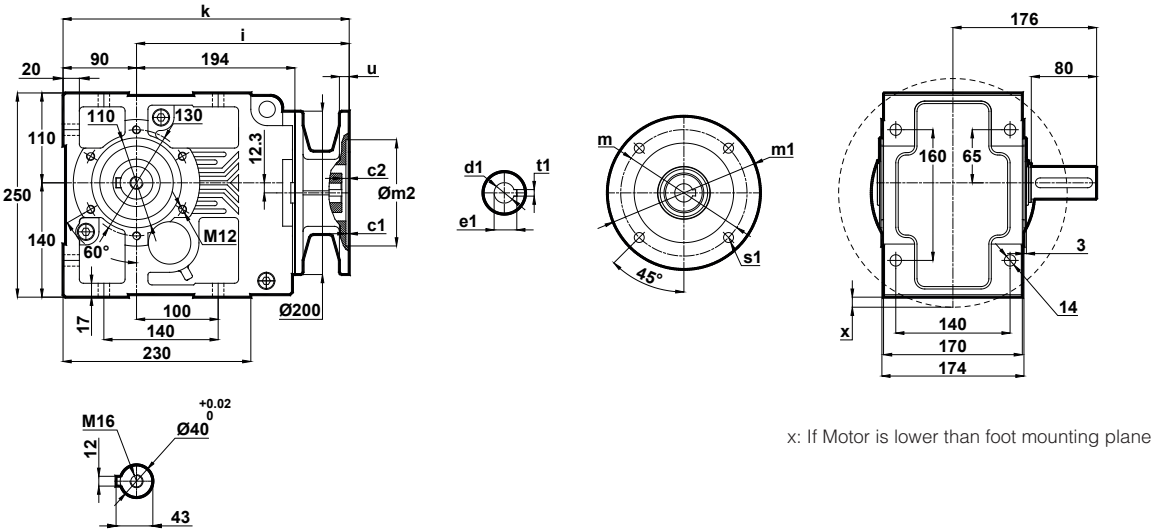
KN373.00



x: If Motor is lower than foot mounting plane

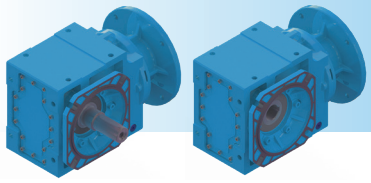
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	260.5	12	350.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	260.5	12	350.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	260.5	12	350.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	297.5	15	387.5	38	10	41.3	22.3 -

KN373.01



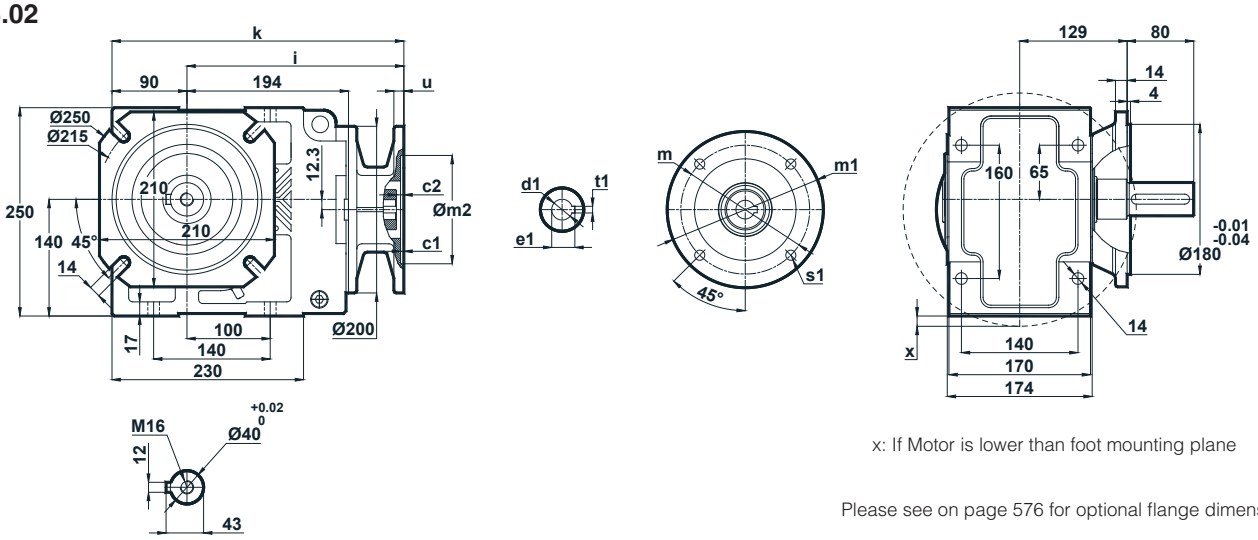
x: If Motor is lower than foot mounting plane

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	260.5	12	350.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	260.5	12	350.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	260.5	12	350.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	297.5	15	387.5	38	10	41.3	22.3 -



Tapped center hole to DIN 332, sheet 2

KN373.02

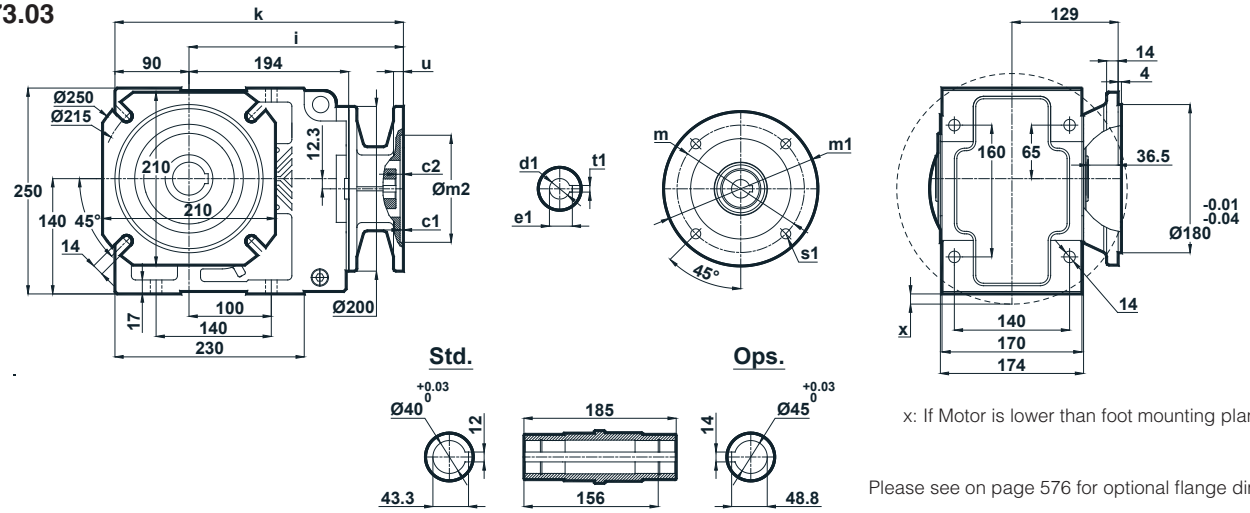


x: If Motor is lower than foot mounting plane

Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	260.5	12	350.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	260.5	12	350.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	260.5	12	350.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	297.5	15	387.5	38	10	41.3	22.3 -

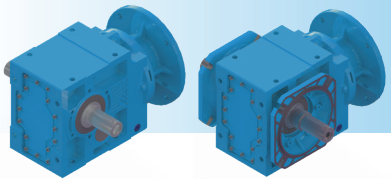
KN373.03



x: If Motor is lower than foot mounting plane

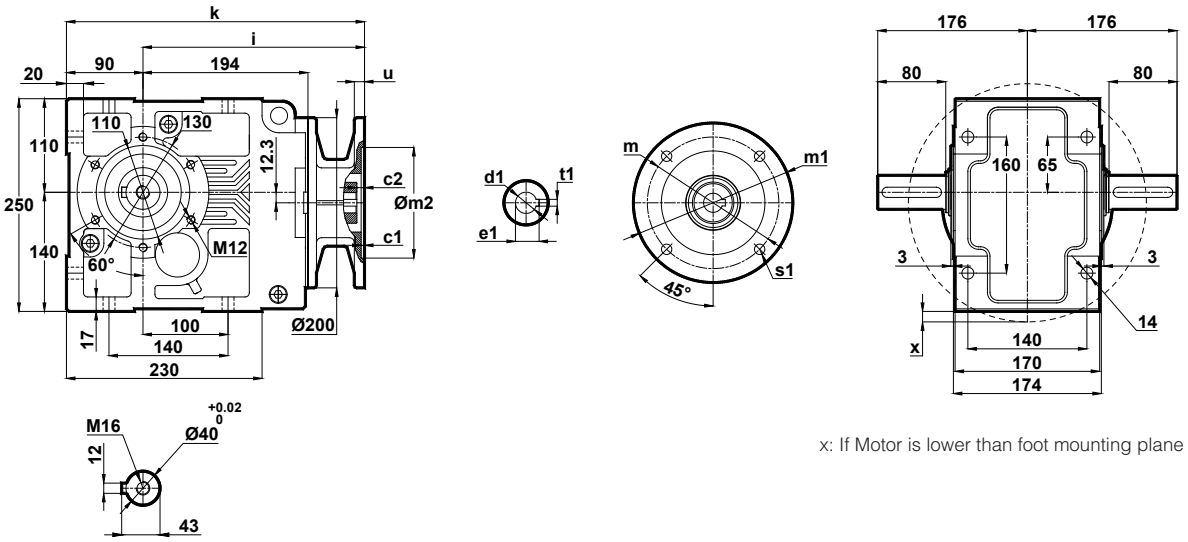
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	260.5	12	350.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	260.5	12	350.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	260.5	12	350.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	297.5	15	387.5	38	10	41.3	22.3 -



Tapped center hole to DIN 332, sheet 2

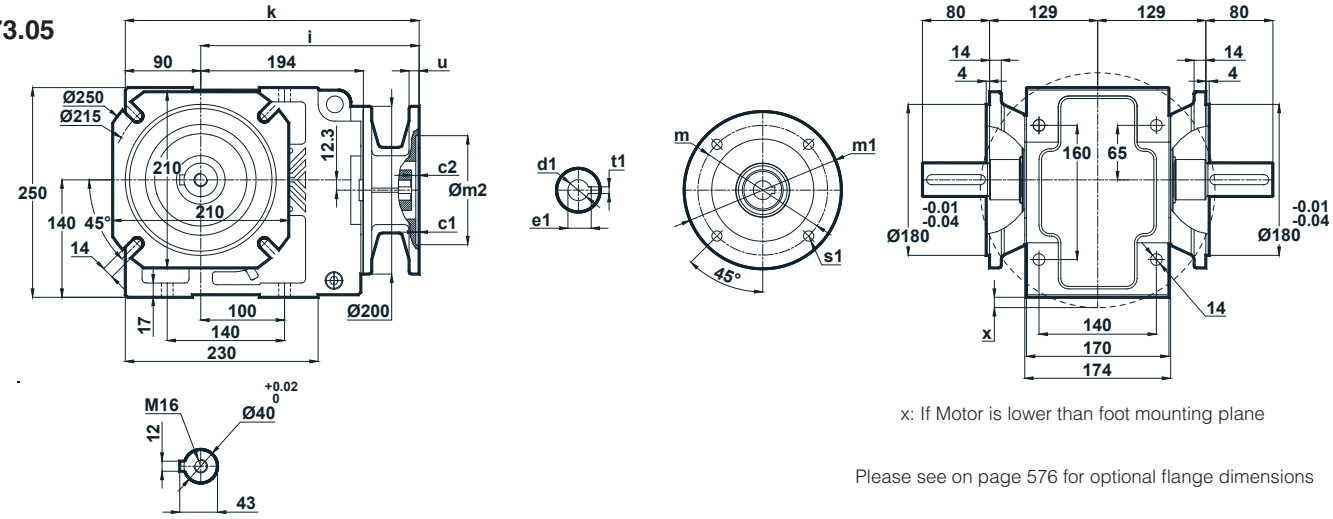
KN373.04



x: If Motor is lower than foot mounting plane

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	260.5	12	350.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	260.5	12	350.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	260.5	12	350.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	297.5	15	387.5	38	10	41.3	22.3 -

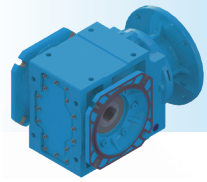
KN373.05



x: If Motor is lower than foot mounting plane

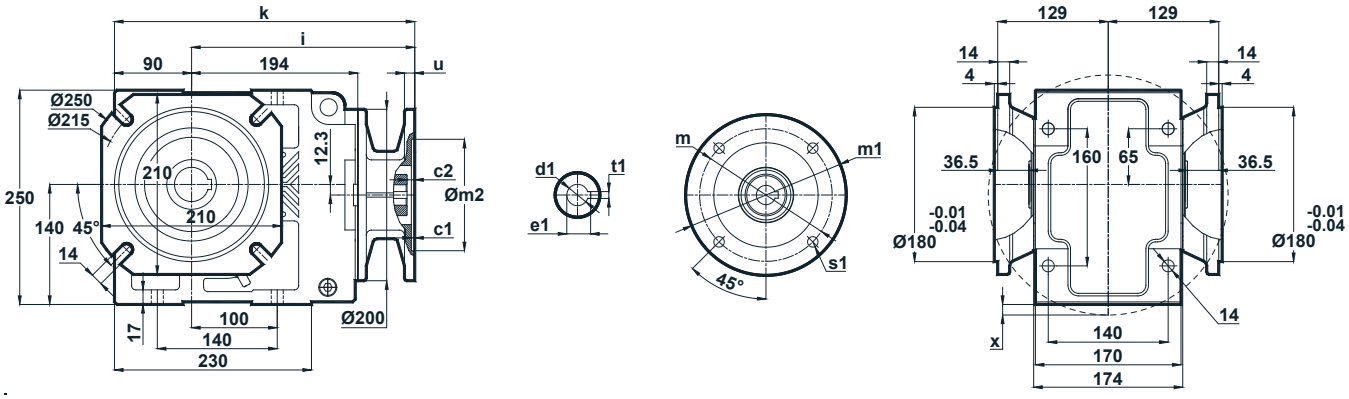
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	260.5	12	350.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	260.5	12	350.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	260.5	12	350.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	297.5	15	387.5	38	10	41.3	22.3 -

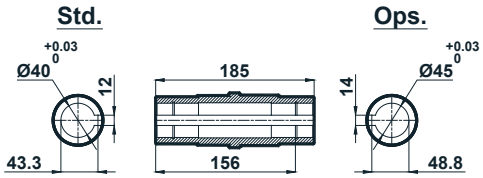


Tapped center hole to DIN 332, sheet 2

KN373.08

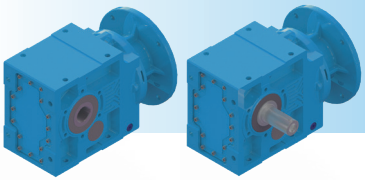


x: If Motor is lower than foot mounting plane



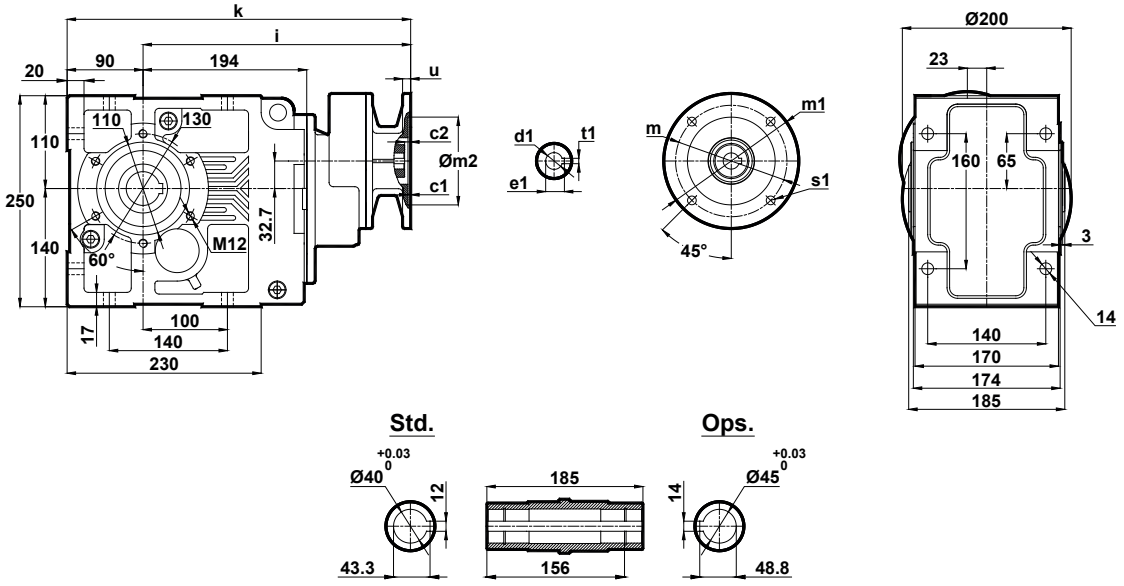
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
71/B5	4	9	11	130	160	110	260.5	12	350.5	14	5	16.3	-
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	260.5	12	350.5	19	6	21.8	-
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	260.5	12	350.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	277.5	15	367.5	28	8	31.3	-
132/B5 **132/B14**	4.5	7	15 11	265 165	300 200	230 130	297.5	15	387.5	38	10	41.3	22.3 -



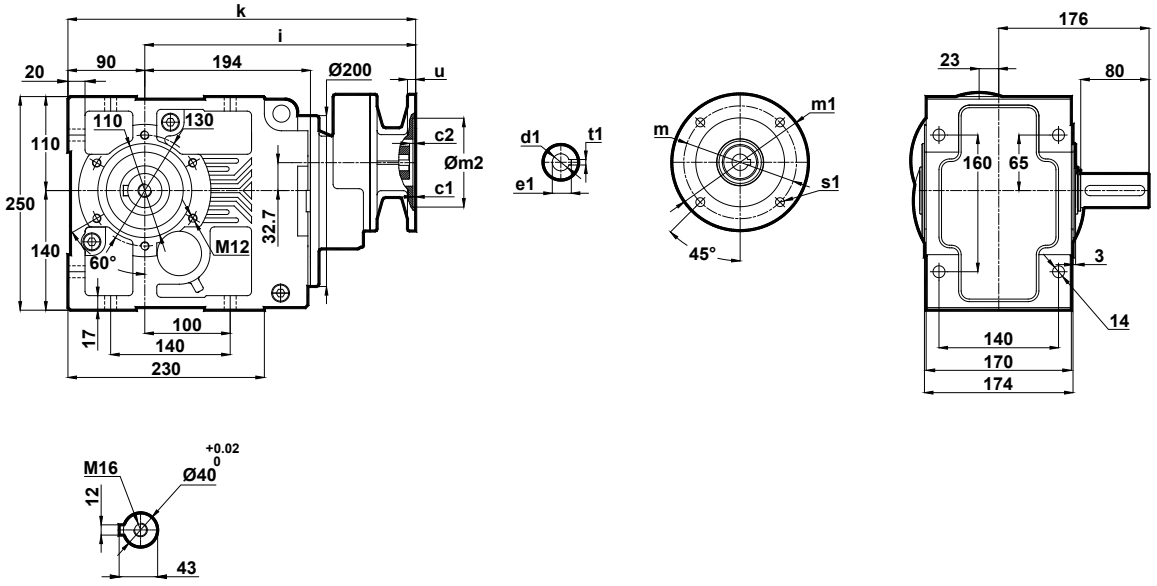
Tapped center hole to DIN 332, sheet 2

KN374.00

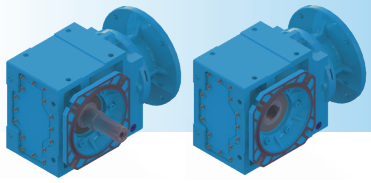


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	337.5	12	427.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	308.5	12 10	398.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	337.5	12	427.5	19	6	21.8

KN374.01

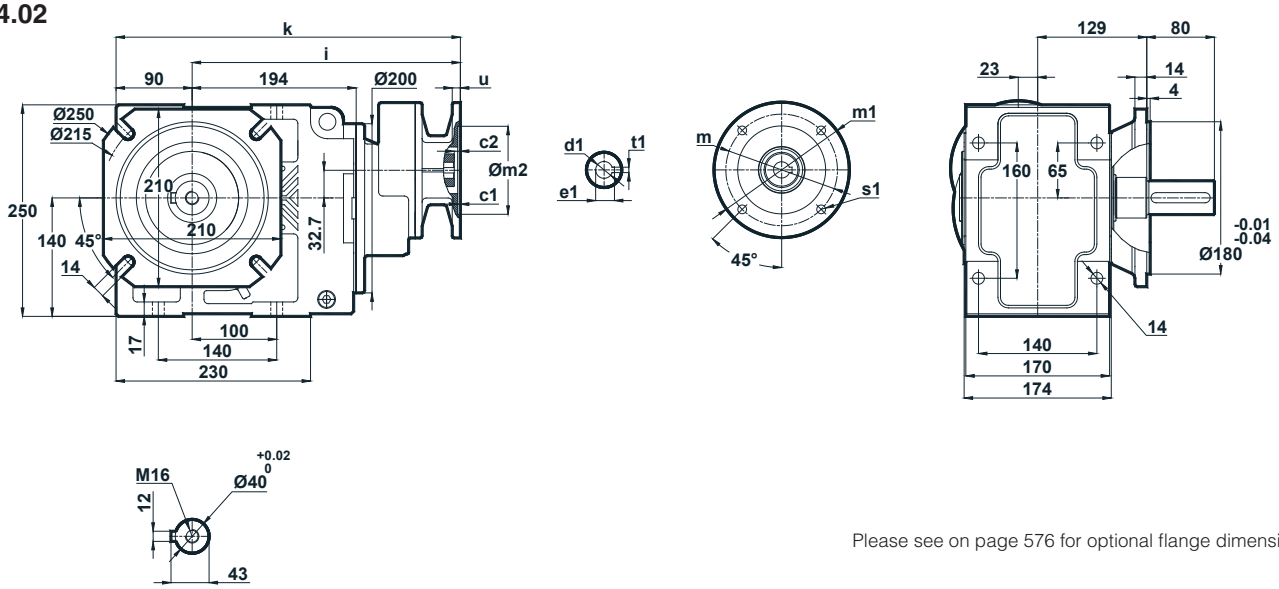


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	337.5	12	427.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	308.5	12 10	398.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	337.5	12	427.5	19	6	21.8



Tapped center hole to DIN 332, sheet 2

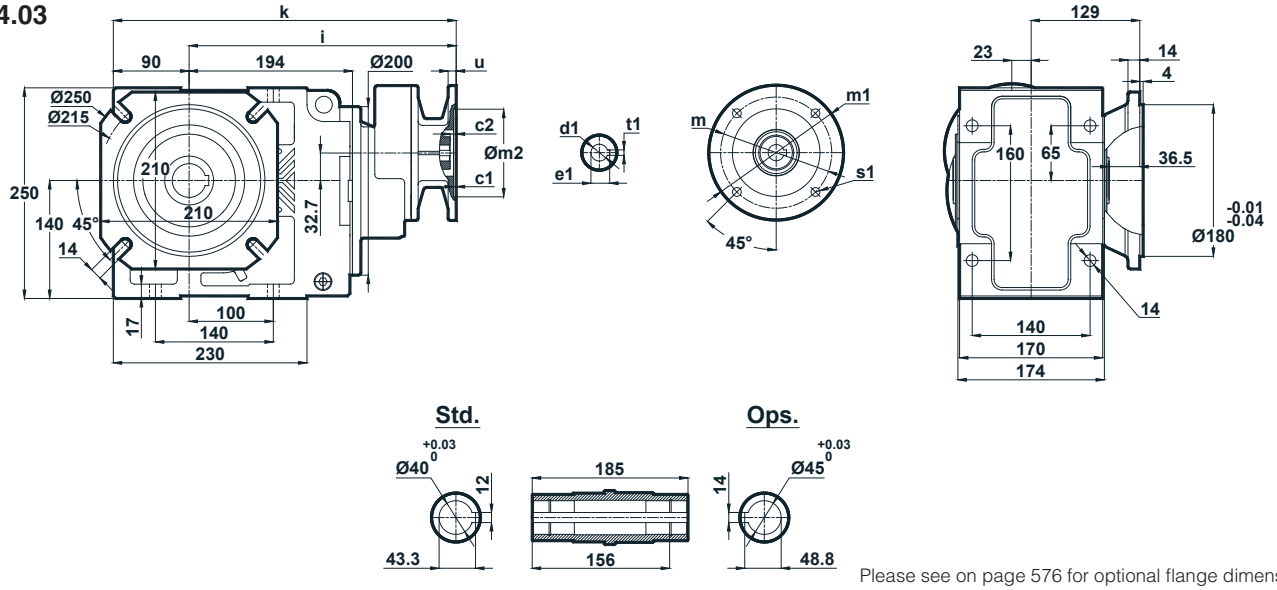
KN374.02



Please see on page 576 for optional flange dimensions

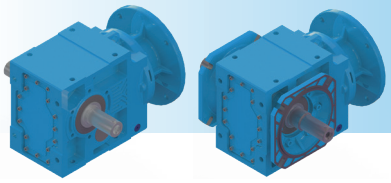
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	337.5	12	427.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	308.5	12 10	398.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	337.5	12	427.5	19	6	21.8

KN374.03



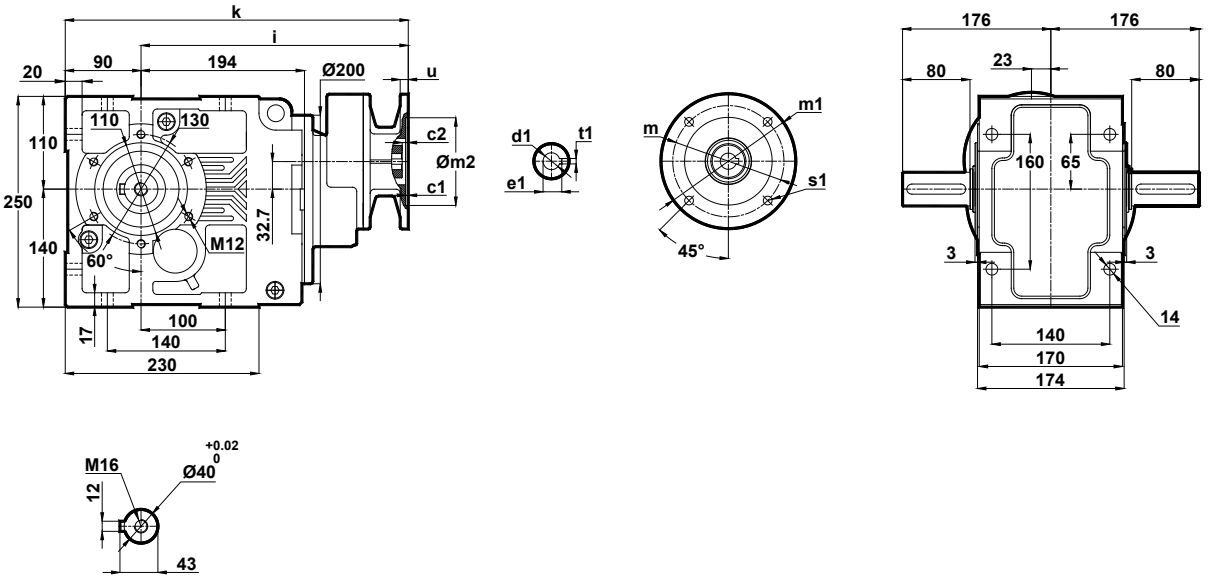
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	337.5	12	427.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	308.5	12 10	398.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	337.5	12	427.5	19	6	21.8



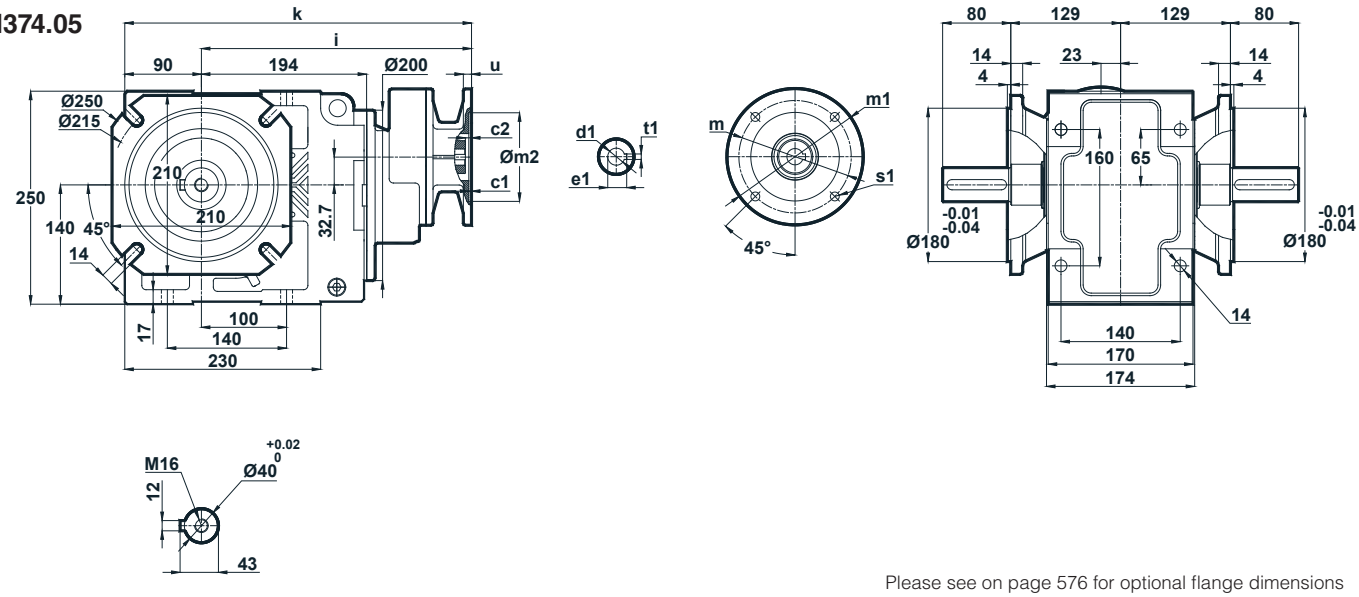
Tapped center hole to DIN 332, sheet 2

KN374.04



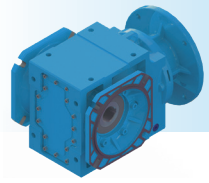
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	337.5	12	427.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	308.5	12 10	398.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	337.5	12	427.5	19	6	21.8

KN374.05



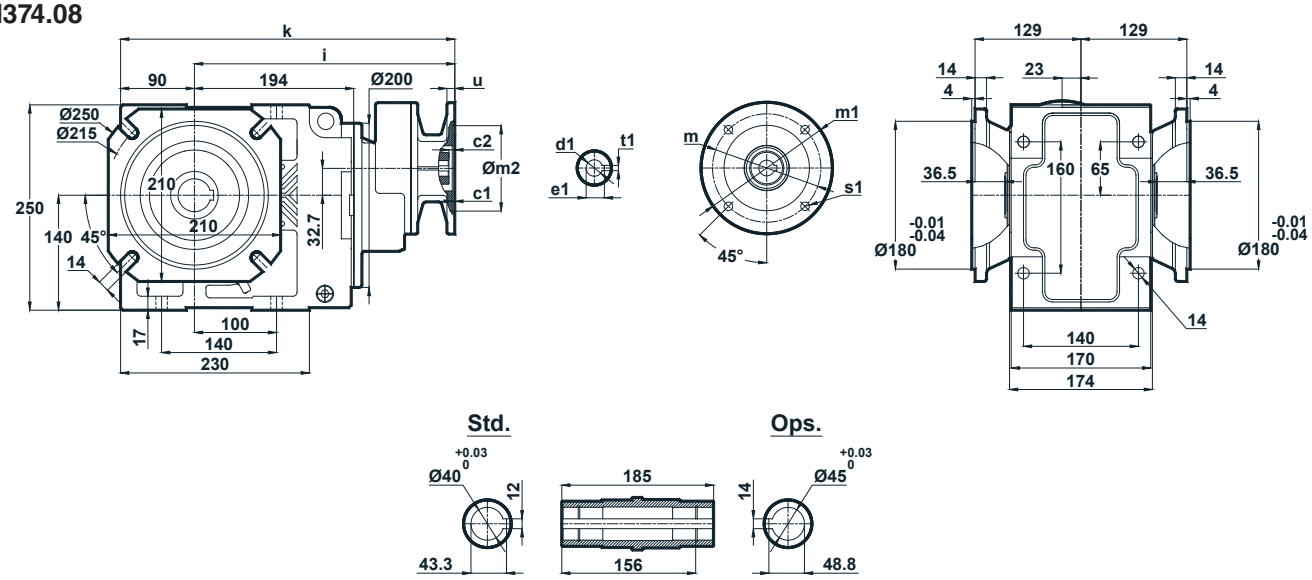
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	337.5	12	427.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	308.5	12 10	398.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	337.5	12	427.5	19	6	21.8



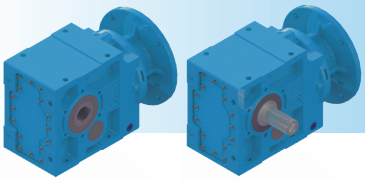
Tapped center hole to DIN 332, sheet 2

KN374.08



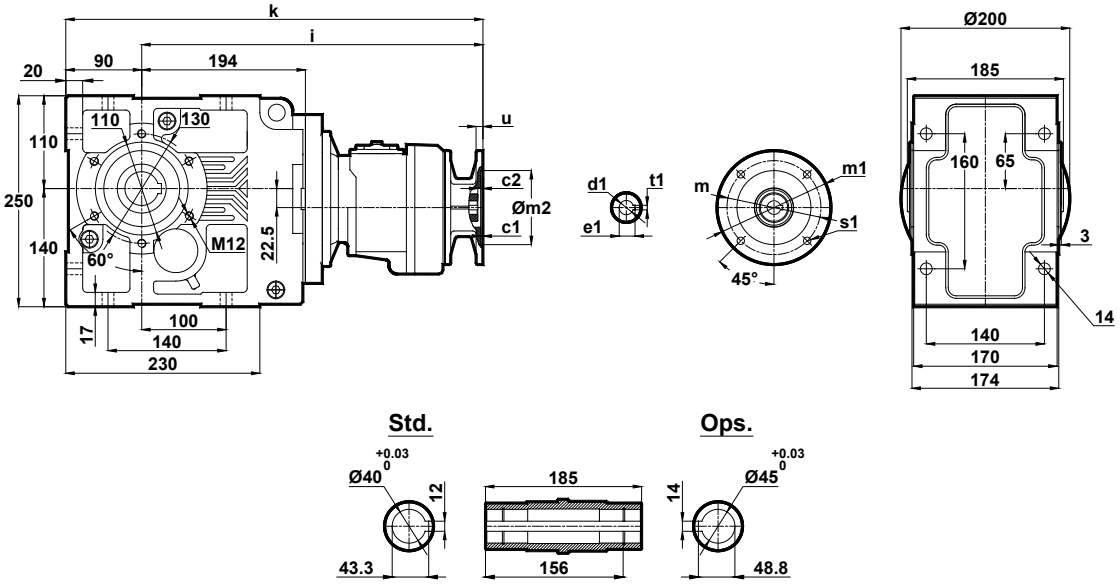
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	337.5	12	427.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	308.5	12 10	398.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	337.5	12	427.5	19	6	21.8



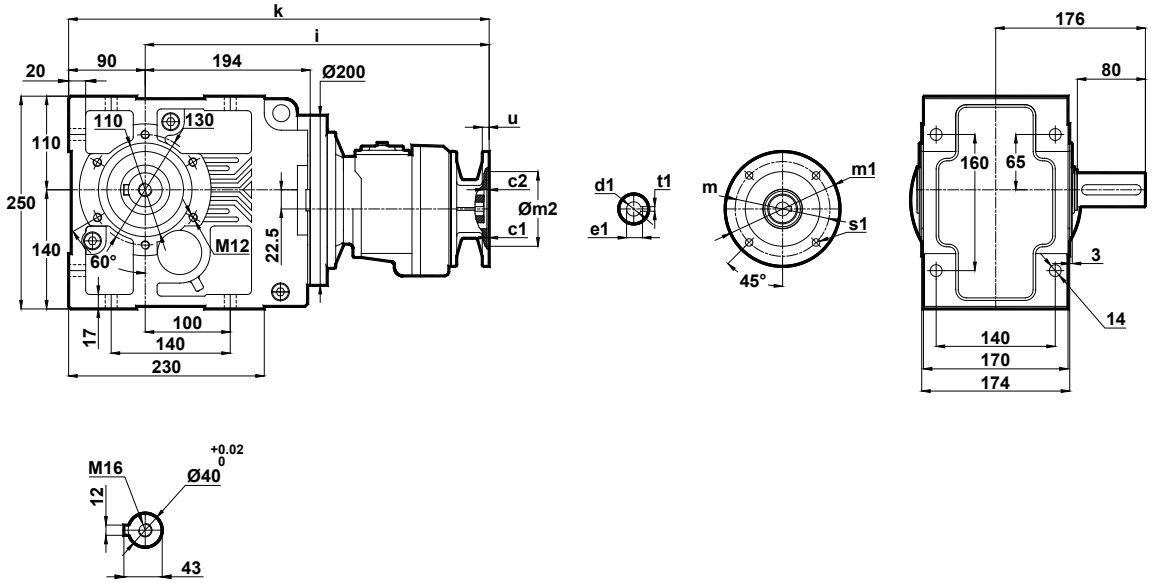
Tapped center hole to DIN 332, sheet 2

KN375.00
KN376.00

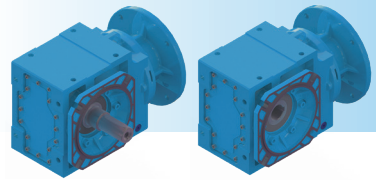


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	403	10	493	11	4	12.8
63/B14	2.5		5.5	75	90	60						
71/B5	4	4.5	11	130	160	110	404.5	12	494.5	14	5	16.3
71/B14	3		7	85	105	70		10				

KN375.01
KN376.01

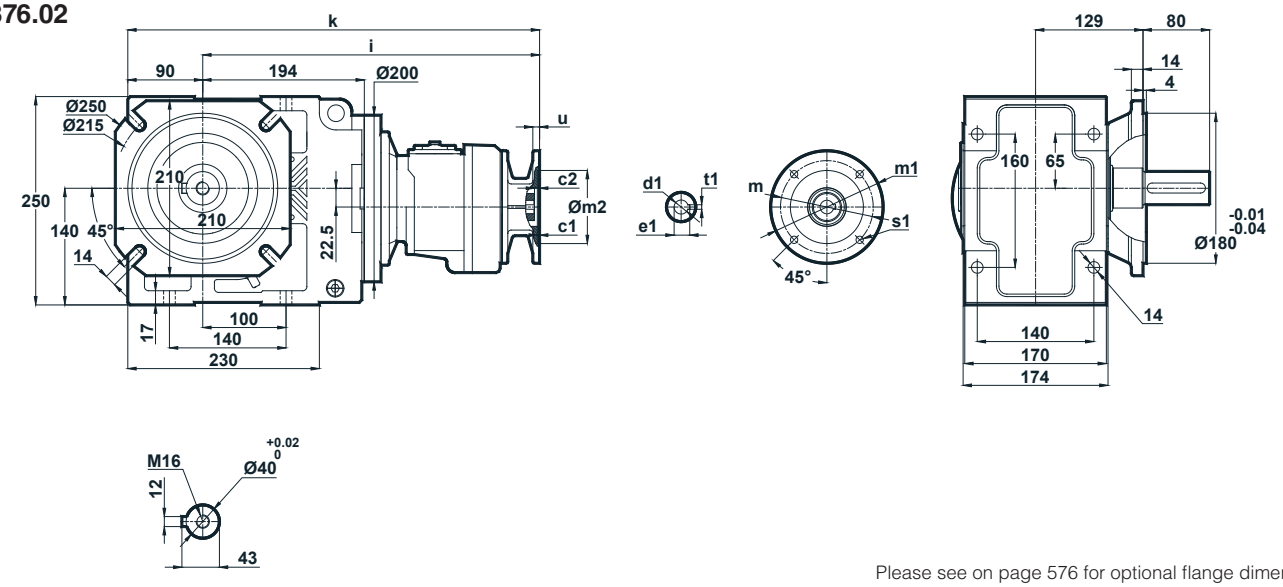


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	403	10	493	11	4	12.8
63/B14	2.5		5.5	75	90	60						
71/B5	4	4.5	11	130	160	110	404.5	12	494.5	14	5	16.3
71/B14	3		7	85	105	70		10				



Tapped center hole to DIN 332, sheet 2

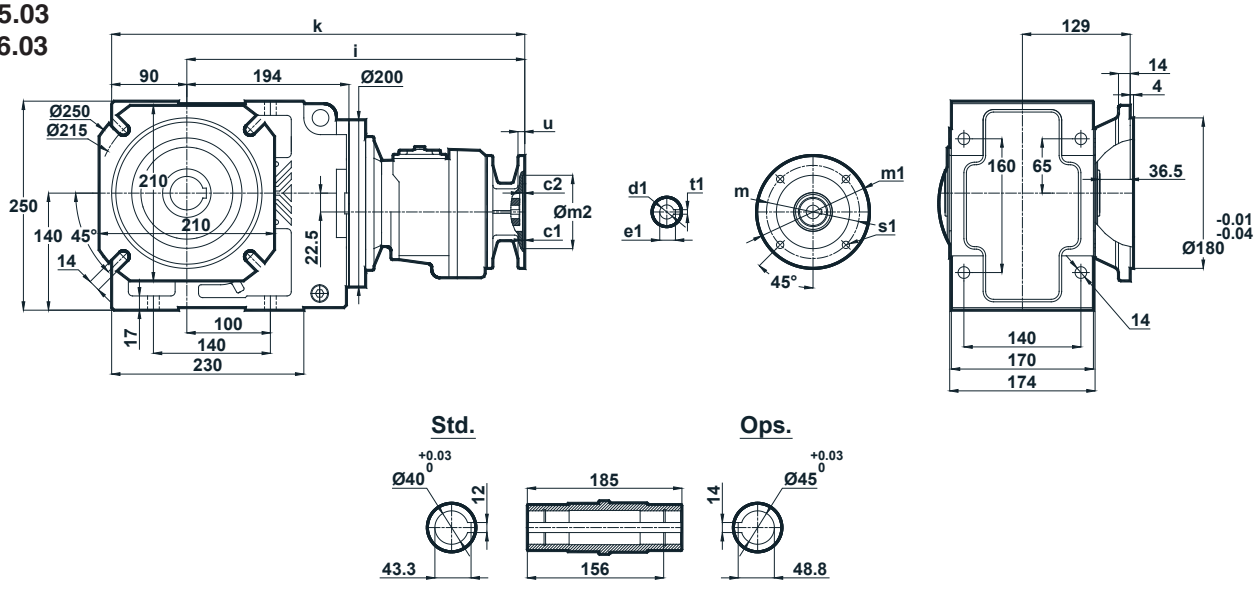
KN375.02
KN376.02



Please see on page 576 for optional flange dimensions

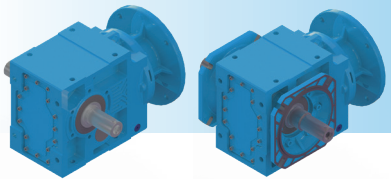
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	403	10	493	11	4	12.8
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	404.5	12 10	494.5	14	5	16.3

KN375.03
KN376.03



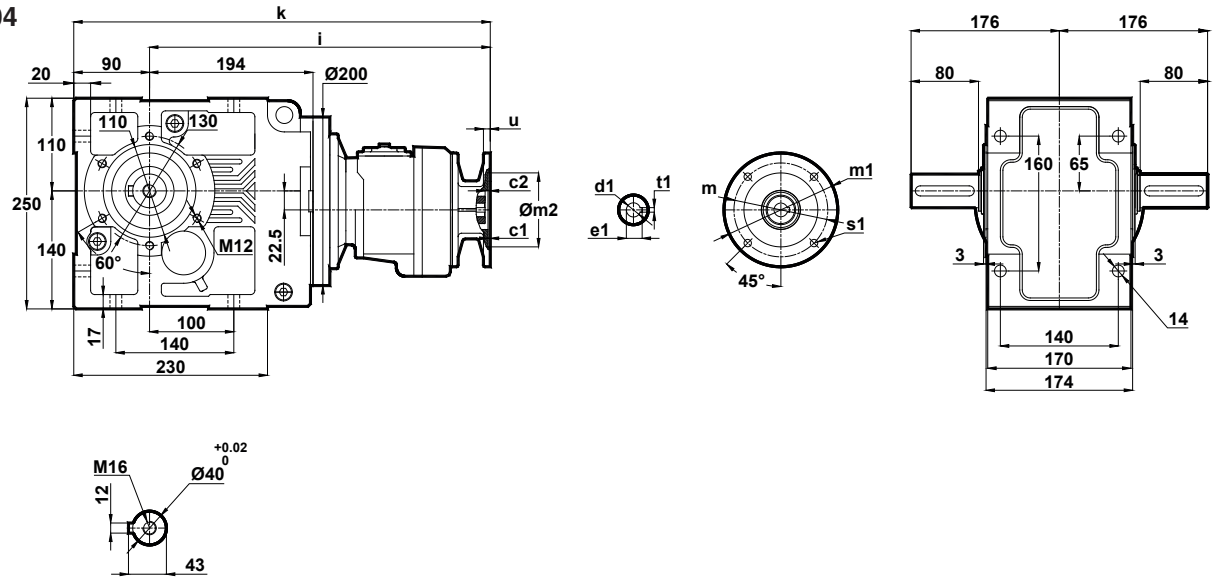
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	403	10	493	11	4	12.8
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	404.5	12 10	494.5	14	5	16.3



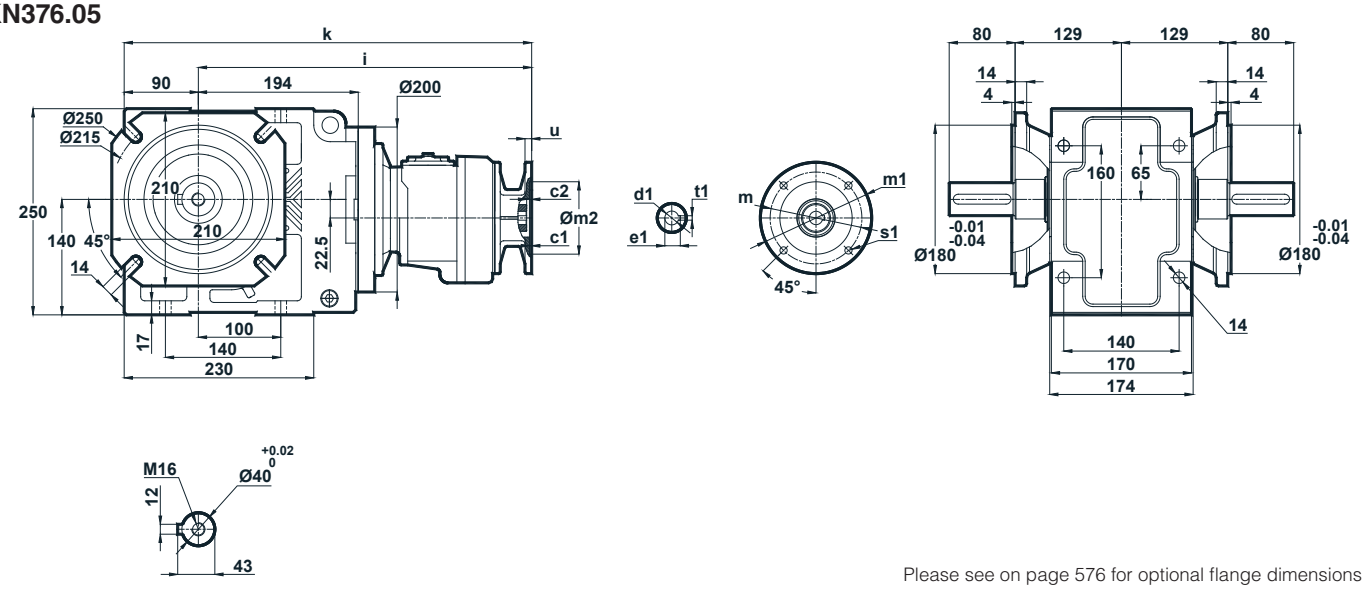
Tapped center hole to DIN 332, sheet 2

KN375.04
KN376.04



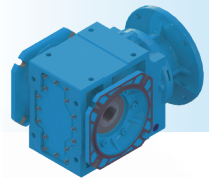
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	403	10	493	11	4	12.8
63/B14	2.5		5.5	75	90	60						
71/B5	4	4.5	11	130	160	110	404.5	12	494.5	14	5	16.3
71/B14	3		7	85	105	70		10				

KN375.05
KN376.05



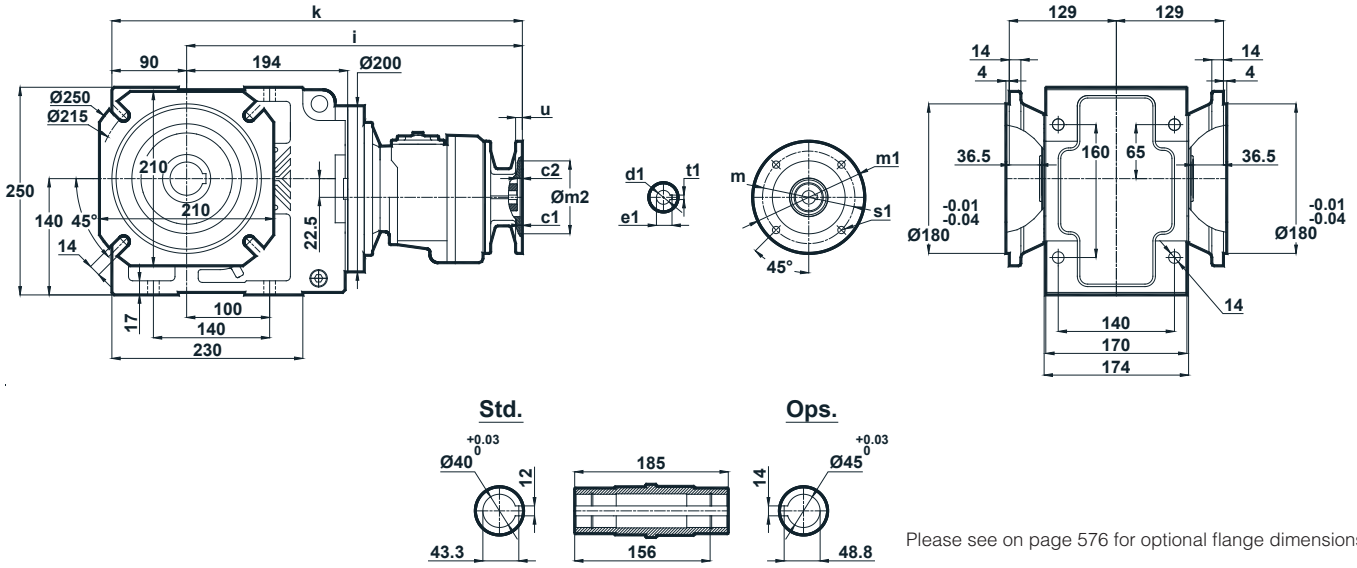
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	10	115	140	95	403	10	493	11	4	12.8
63/B14	2.5		5.5	75	90	60						
71/B5	4	4.5	11	130	160	110	404.5	12	494.5	14	5	16.3
71/B14	3		7	85	105	70		10				



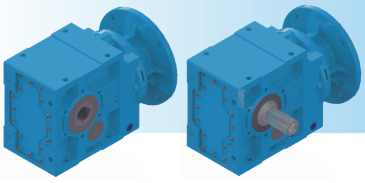
Tapped center hole to DIN 332, sheet 2

KN375.08
KN376.08



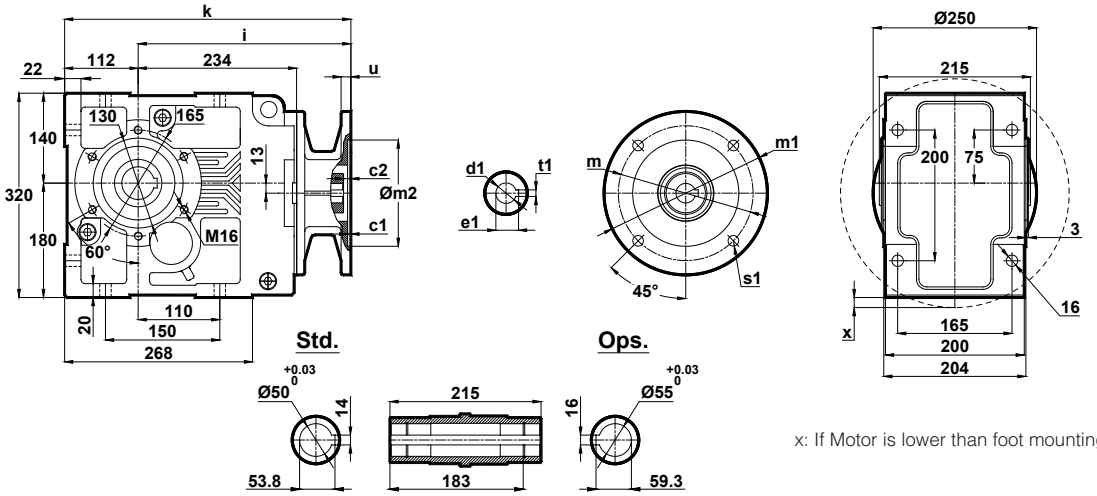
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5 **63/B14**	3.5 2.5	5	10 5.5	115 75	140 90	95 60	403	10	493	11	4	12.8
71/B5 **71/B14**	4 3	4.5	11 7	130 85	160 105	110 70	404.5	12 10	494.5	14	5	16.3



Tapped center hole to DIN 332, sheet 2

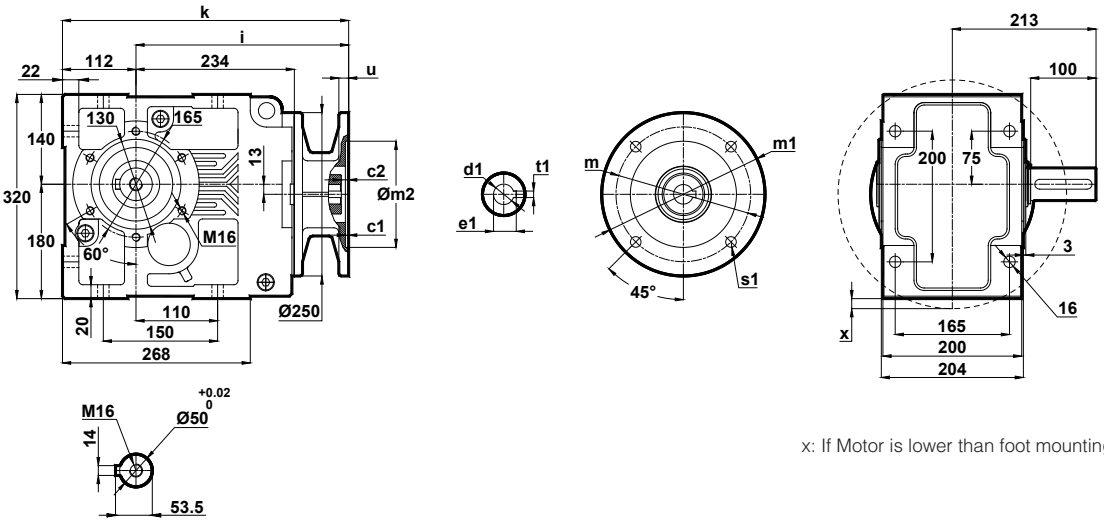
KN473.00



x: If Motor is lower than foot mounting plane

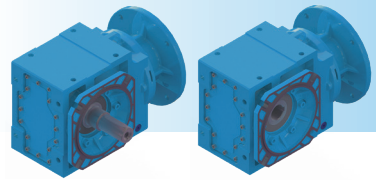
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
80/B5	4	5	12	165	200	130	290.5	12	402.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	290.5	12	402.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	327.5	15	439.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	407	20	519	42	12	45.3	8
180/B5	5.5	10	19	300	350	250	407	20	519	48	14	51.8	8

KN473.01



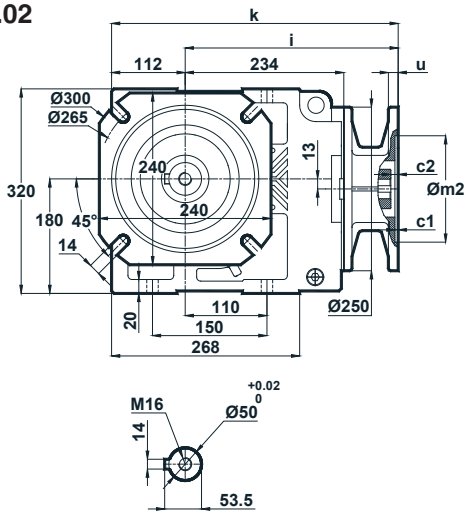
x: If Motor is lower than foot mounting plane

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
80/B5	4	5	12	165	200	130	290.5	12	402.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	290.5	12	402.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	327.5	15	439.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	407	20	519	42	12	45.3	8
180/B5	5.5	10	19	300	350	250	407	20	519	48	14	51.8	8



Tapped center hole to DIN 332, sheet 2

KN473.02

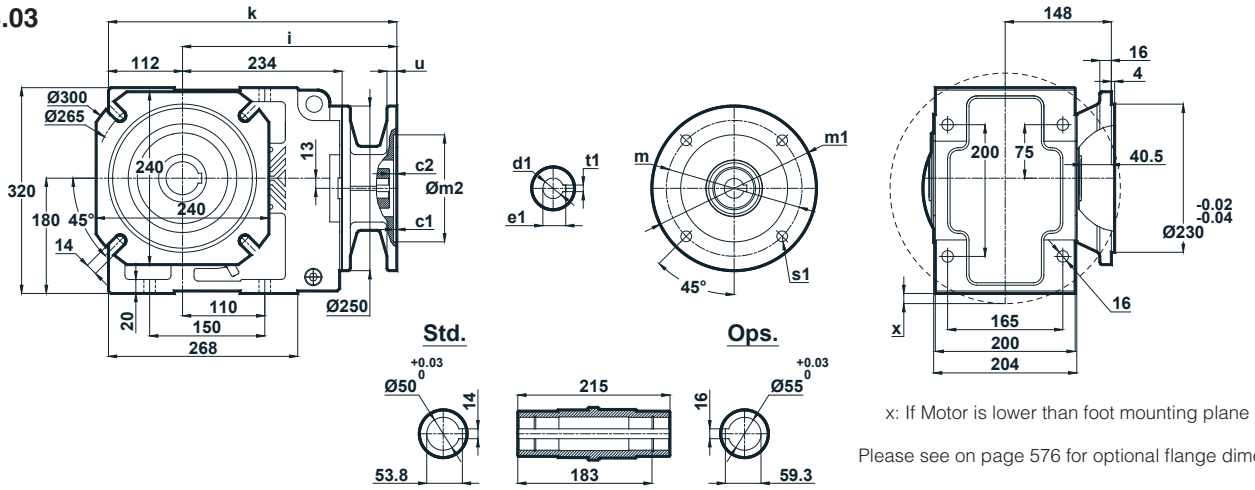


x: If Motor is lower than foot mounting plane

Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
80/B5	4	5	12	165	200	130	290.5	12	402.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	290.5	12	402.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	327.5	15	439.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	407	20	519	42	12	45.3	8
180/B5	5.5	10	19	300	350	250	407	20	519	48	14	51.8	8

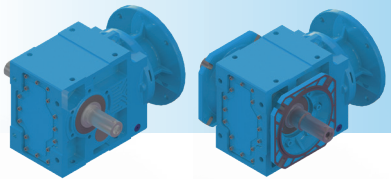
KN473.03



x: If Motor is lower than foot mounting plane

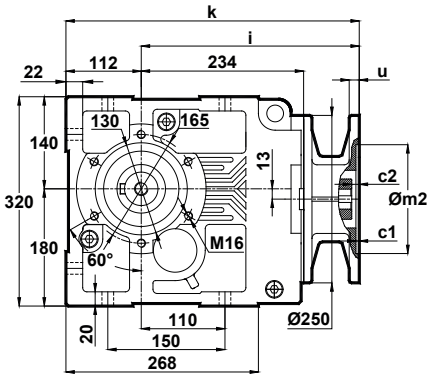
Please see on page 576 for optional flange dimensions

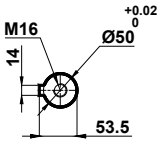
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
80/B5	4	5	12	165	200	130	290.5	12	402.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	290.5	12	402.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	327.5	15	439.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	407	20	519	42	12	45.3	8
180/B5	5.5	10	19	300	350	250	407	20	519	48	14	51.8	8

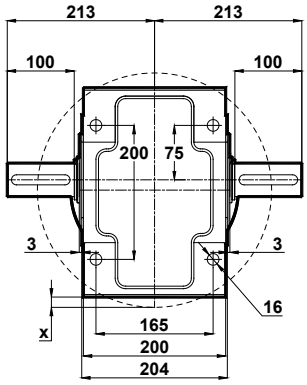


Tapped center hole to DIN 332, sheet 2

KN473.04



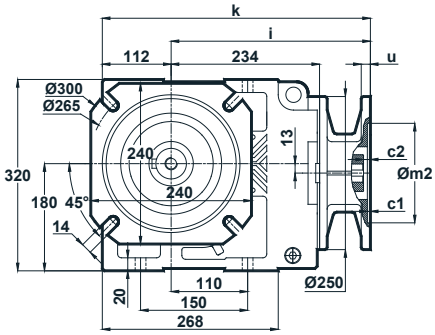


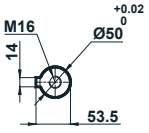


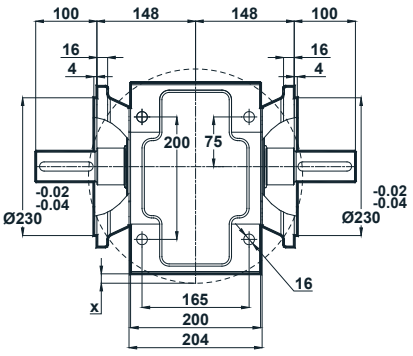
x: If Motor is lower than foot mounting plane

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
80/B5	4	5	12	165	200	130	290.5	12	402.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	290.5	12	402.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	327.5	15	439.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	407	20	519	42	12	45.3	8
180/B5	5.5	10	19	300	350	250	407	20	519	48	14	51.8	8

KN473.05



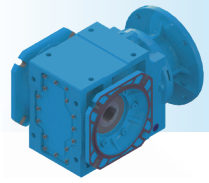




x: If Motor is lower than foot mounting plane

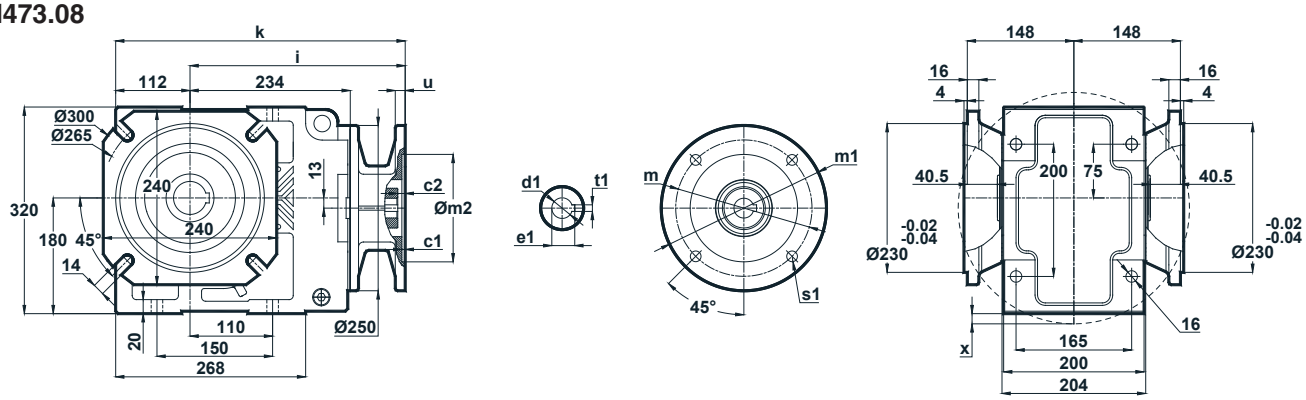
Please see on page 576 for optional flange dimensions

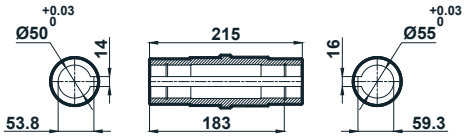
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
80/B5	4	5	12	165	200	130	290.5	12	402.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	290.5	12	402.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	327.5	15	439.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	407	20	519	42	12	45.3	8
180/B5	5.5	10	19	300	350	250	407	20	519	48	14	51.8	8



Tapped center hole to DIN 332, sheet 2

KN473.08

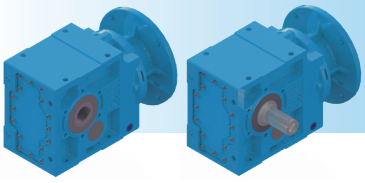




x: If Motor is lower than foot mounting plane

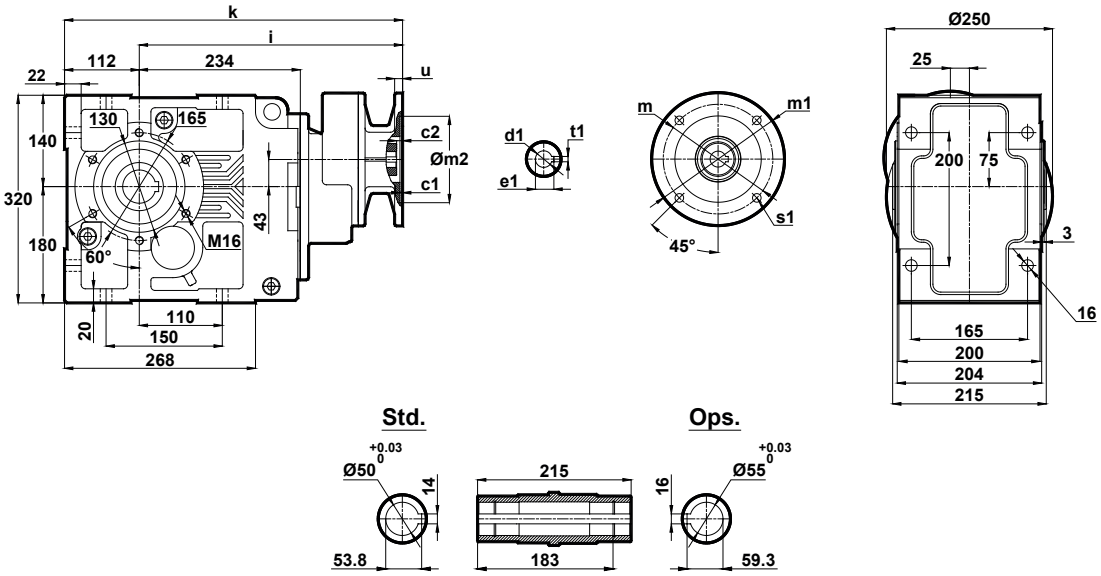
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
80/B5	4	5	12	165	200	130	290.5	12	402.5	19	6	21.8	-
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	290.5	12	402.5	24	8	27.3	-
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	309	15	421	28	8	31.3	-
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	327.5	15	439.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	407	20	519	42	12	45.3	8
180/B5	5.5	10	19	300	350	250	407	20	519	48	14	51.8	8



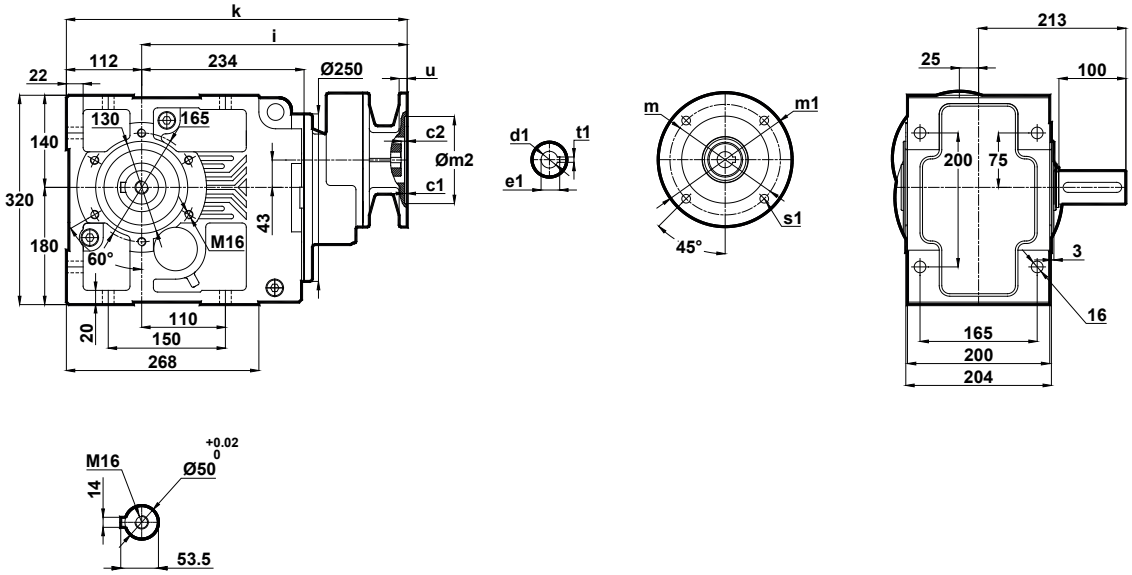
Tapped center hole to DIN 332, sheet 2

KN474.00



	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	388.5	12	500.5	14	5	16.3
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	388.5	12	500.5	19	6	21.8

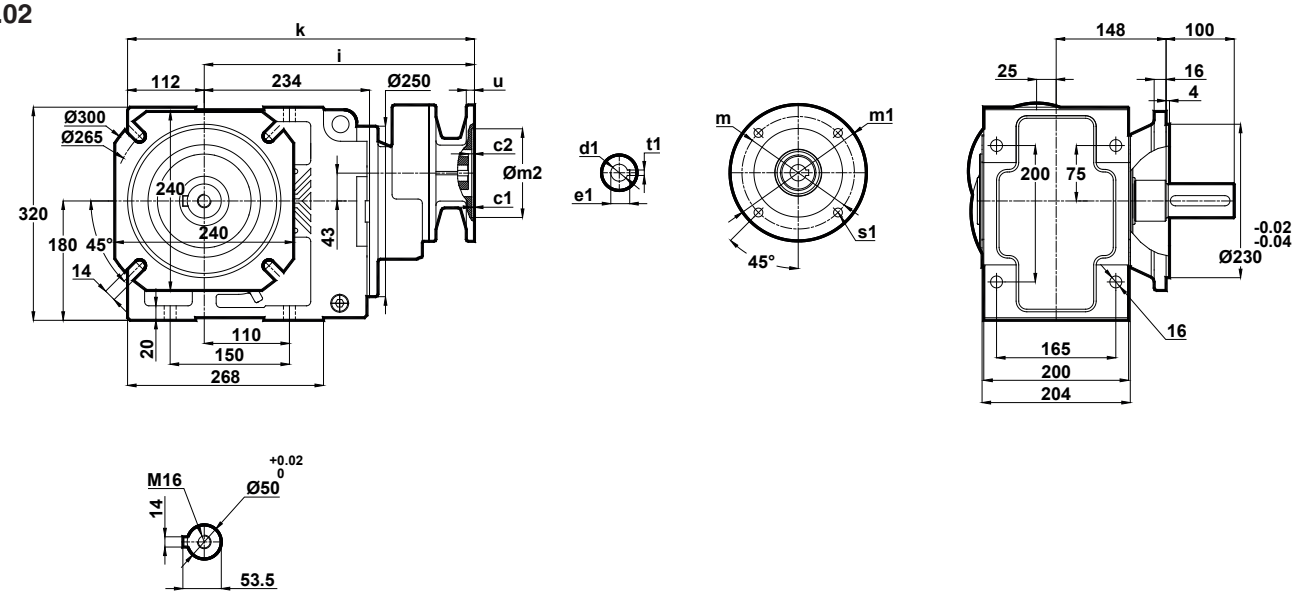
KN474.01



	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	388.5	12	500.5	14	5	16.3
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	388.5	12	500.5	19	6	21.8

Tapped center hole to DIN 332, sheet 2

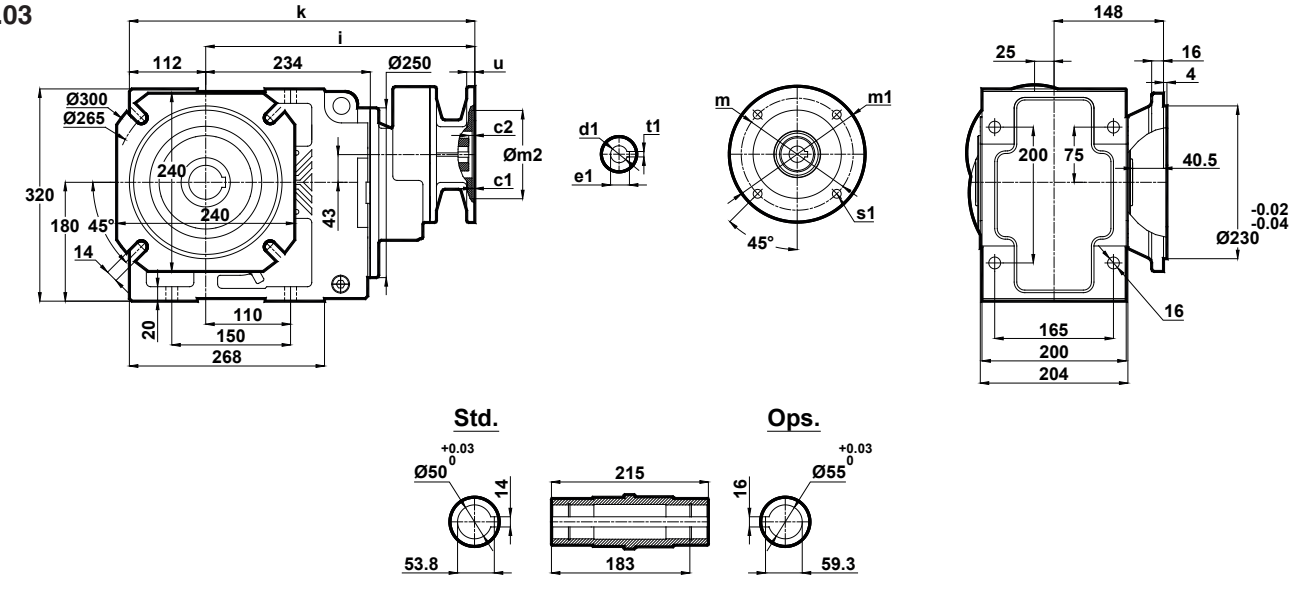
KN474.02



Please see on page 576 for optional flange dimensions

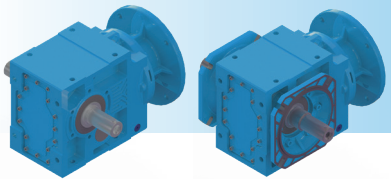
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	388.5	12	500.5	14	5	16.3
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	388.5	12	500.5	19	6	21.8

KN474.03



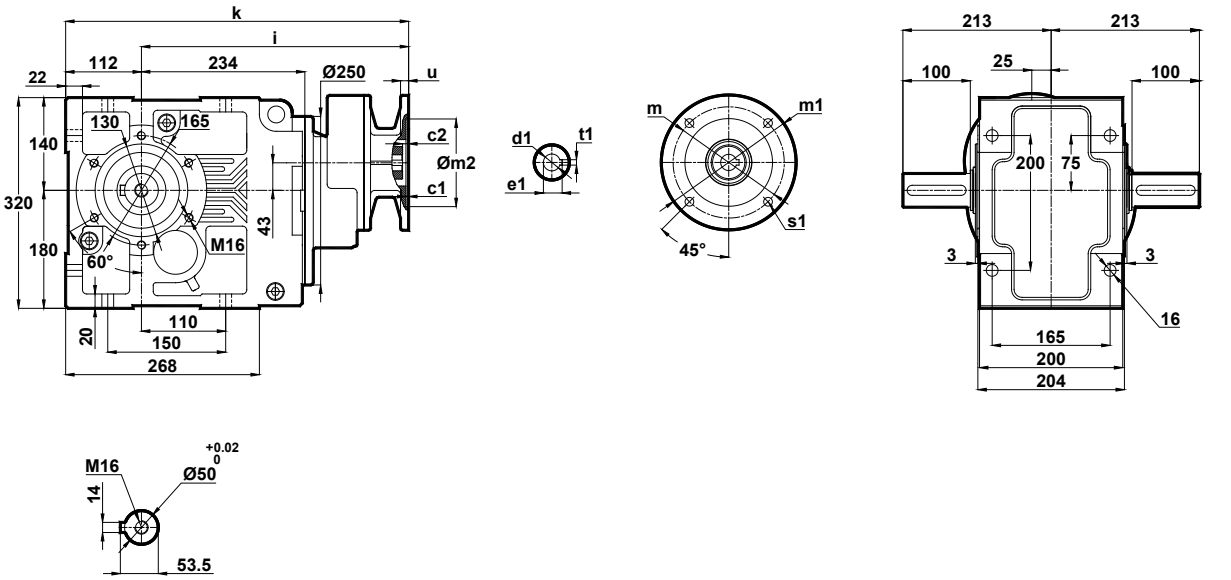
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	388.5	12	500.5	14	5	16.3
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	388.5	12	500.5	19	6	21.8



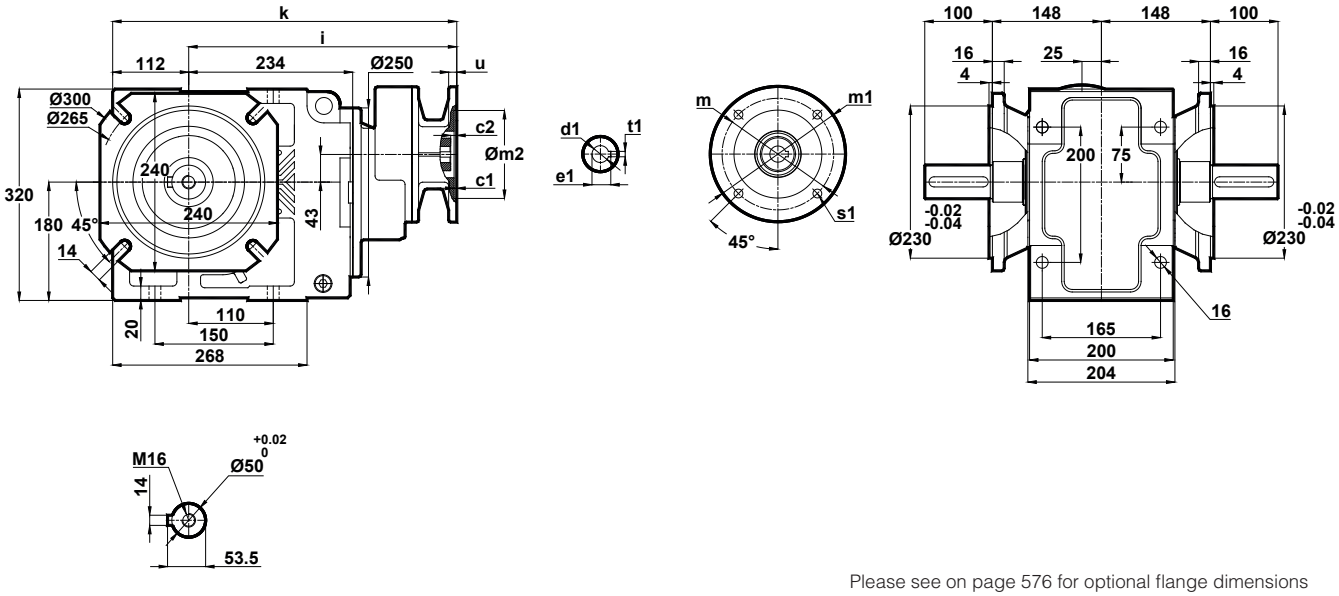
Tapped center hole to DIN 332, sheet 2

KN474.04



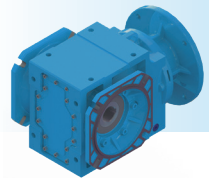
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	388.5	12	500.5	14	5	16.3
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	388.5	12	500.5	19	6	21.8

KN474.05



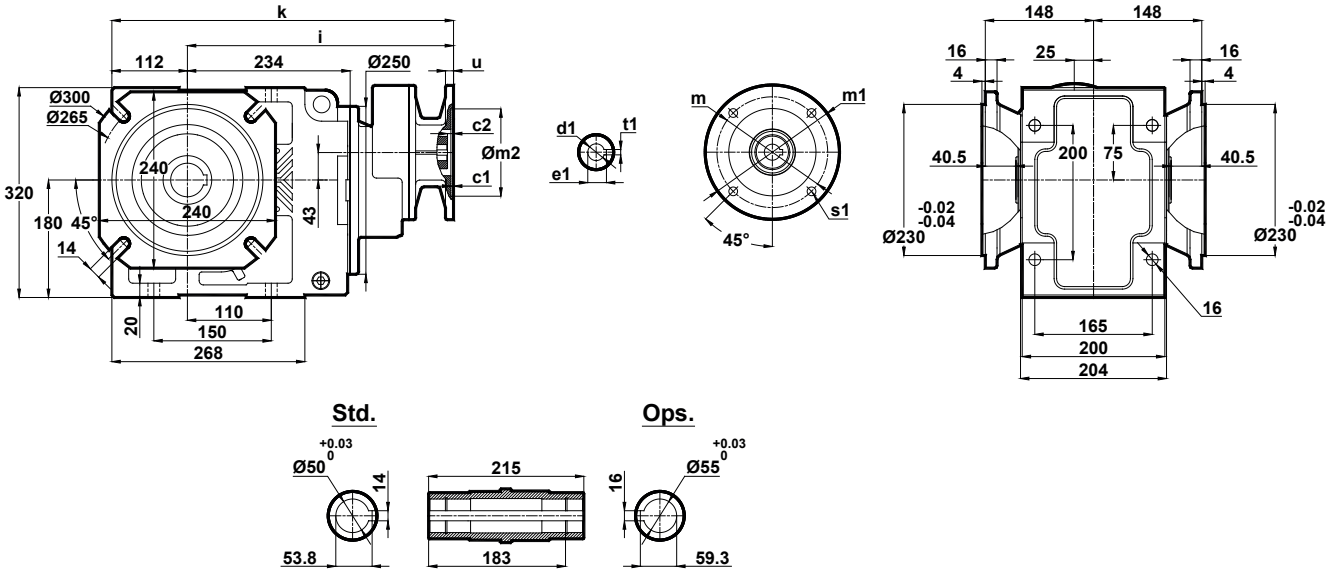
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	388.5	12	500.5	14	5	16.3
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	388.5	12	500.5	19	6	21.8



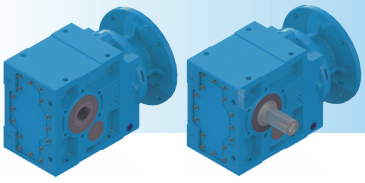
Tapped center hole to DIN 332, sheet 2

KN474.08



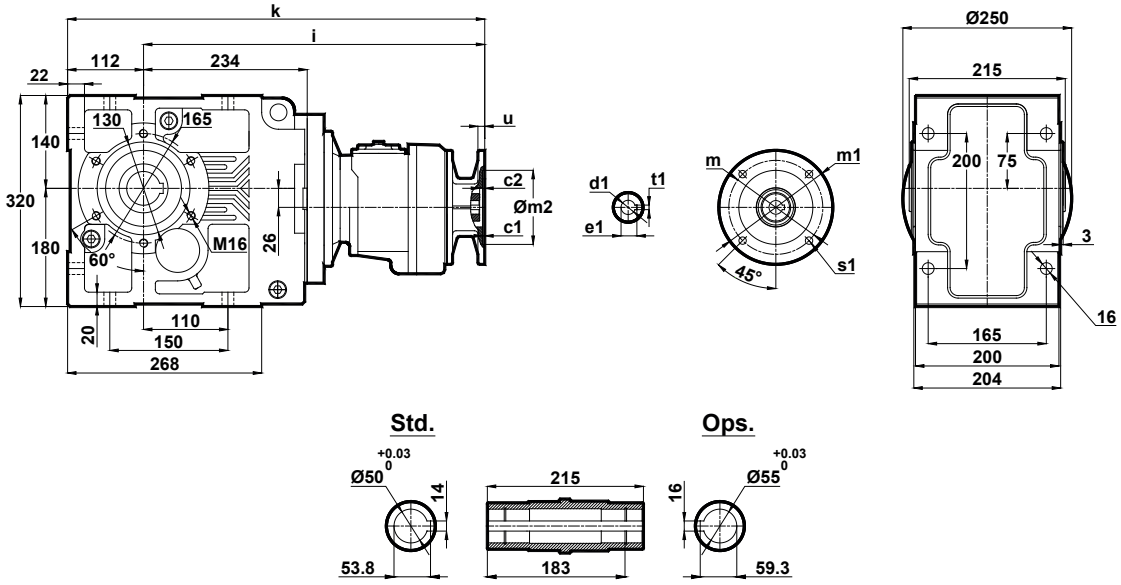
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	388.5	12	500.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	388.5	12	500.5	19	6	21.8



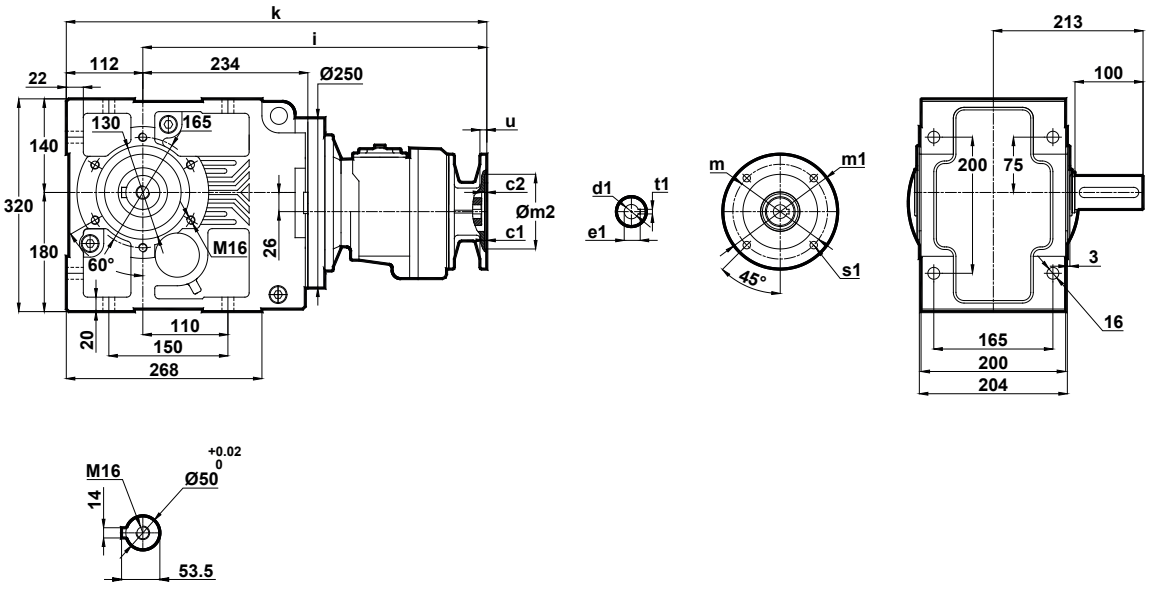
Tapped center hole to DIN 332, sheet 2

KN475.00
KN476.00

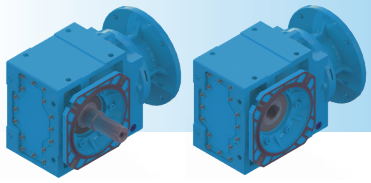


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	516.5	12	628.5	11	4	12.8
71/B5 71/B14	4 3	8.5	11 7	130 85	160 105	110 70	487.5	12 10	599.5	14	5	16.3

KN475.01
KN476.01

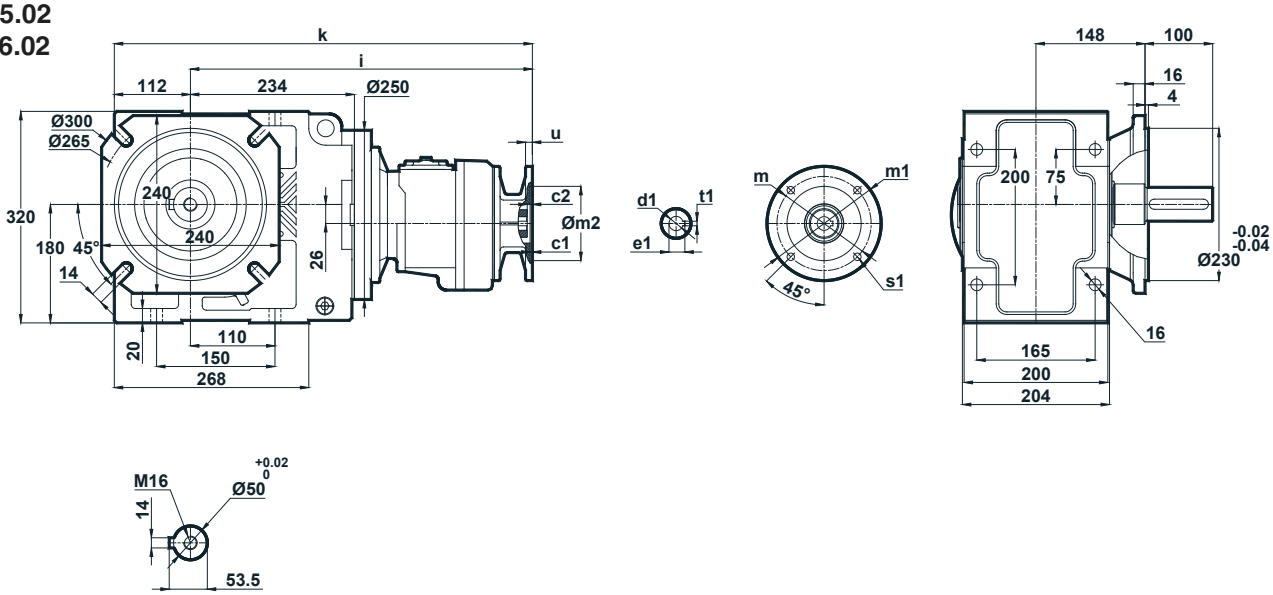


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	516.5	12	628.5	11	4	12.8
71/B5 71/B14	4 3	8.5	11 7	130 85	160 105	110 70	487.5	12 10	599.5	14	5	16.3



Tapped center hole to DIN 332, sheet 2

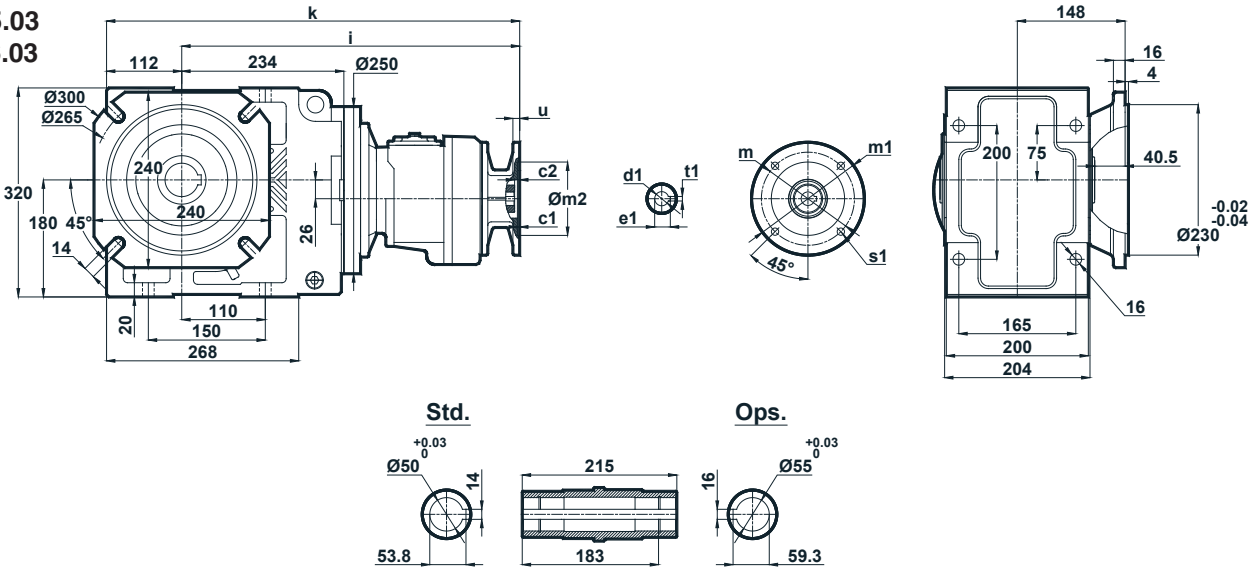
KN475.02
KN476.02



Please see on page 576 for optional flange dimensions

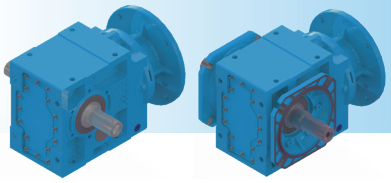
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	516.5	12	628.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	487.5	12 10	599.5	14	5	16.3

KN475.03
KN476.03



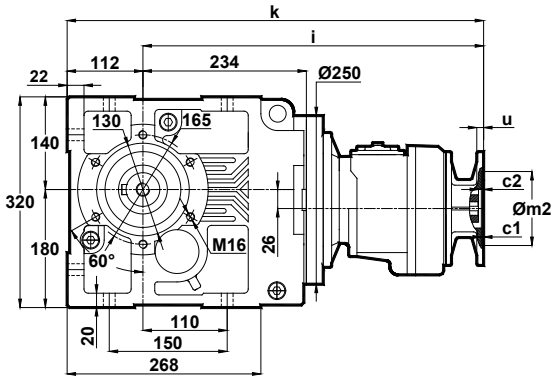
Please see on page 576 for optional flange dimensions

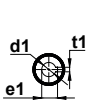
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	516.5	12	628.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	487.5	12 10	599.5	14	5	16.3

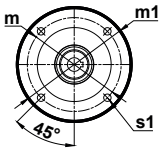


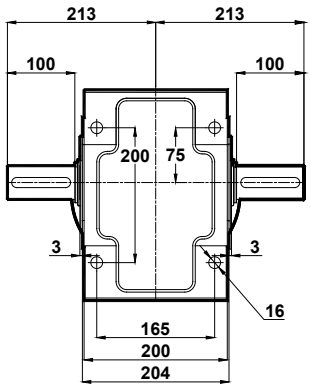
Tapped center hole to DIN 332, sheet 2

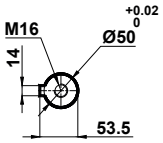
KN475.04
KN476.04





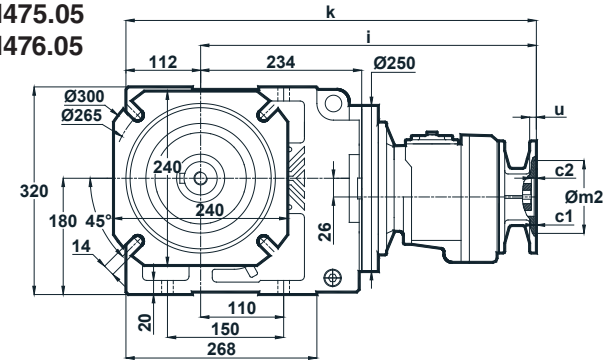


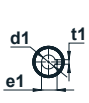


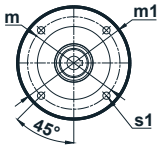


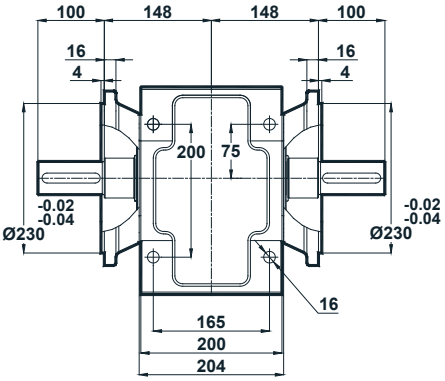
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	516.5	12	628.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	487.5	12 10	599.5	14	5	16.3

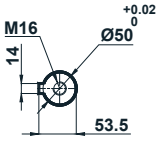
KN475.05
KN476.05





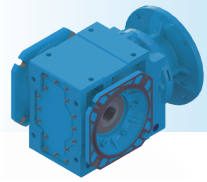






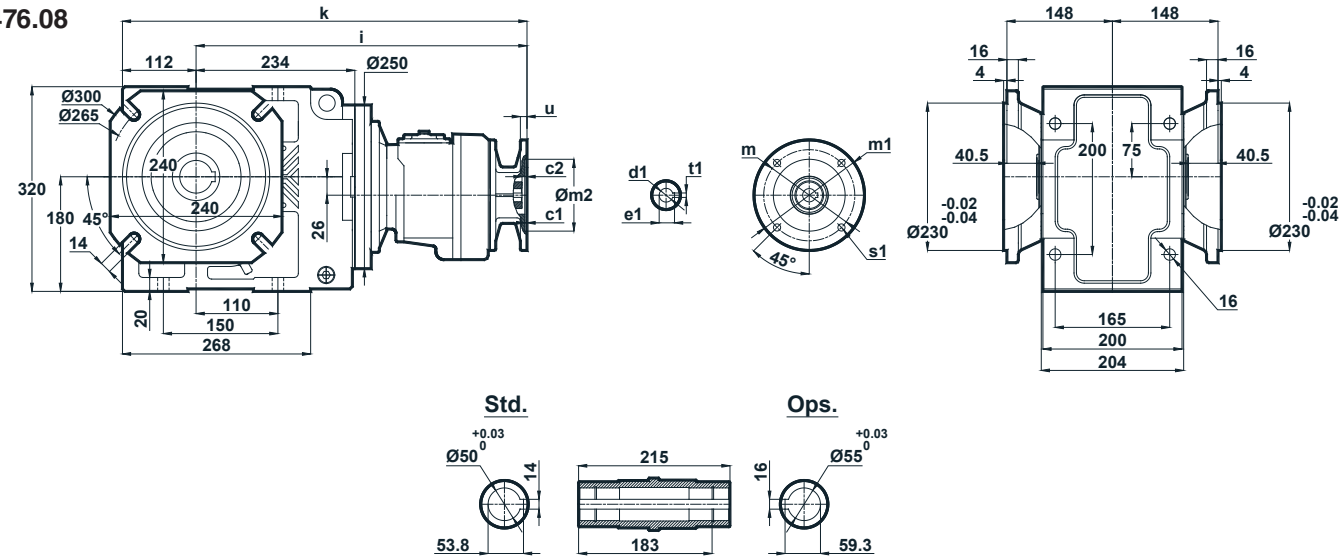
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	516.5	12	628.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	487.5	12 10	599.5	14	5	16.3



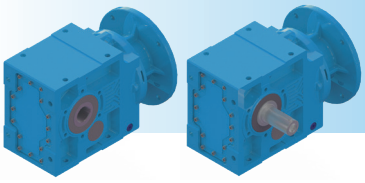
Tapped center hole to DIN 332, sheet 2

KN475.08
KN476.08



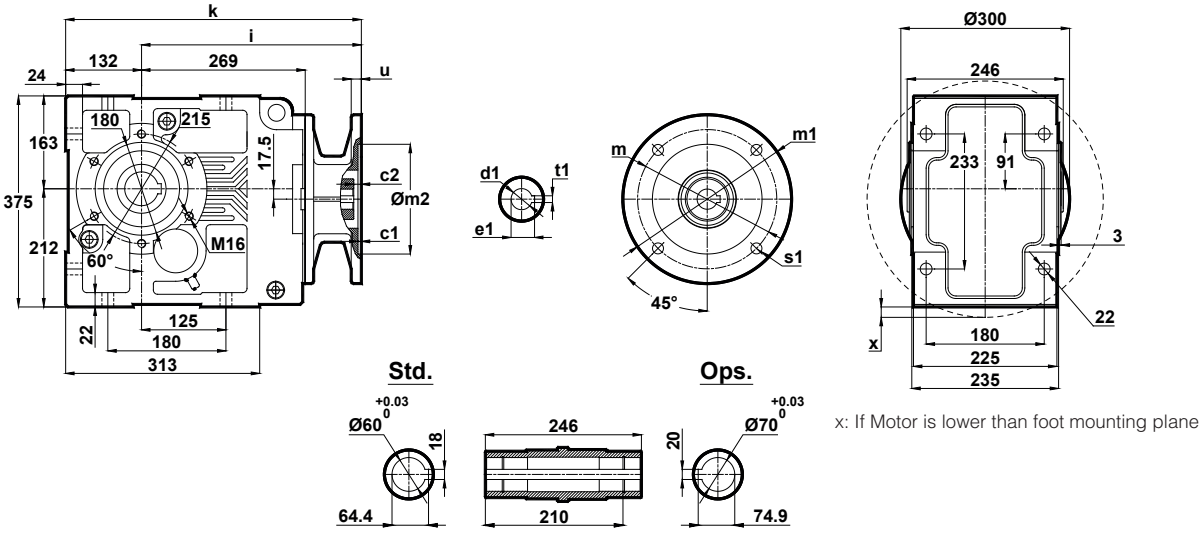
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	516.5	12	628.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	487.5	12 10	599.5	14	5	16.3



Tapped center hole to DIN 332, sheet 2

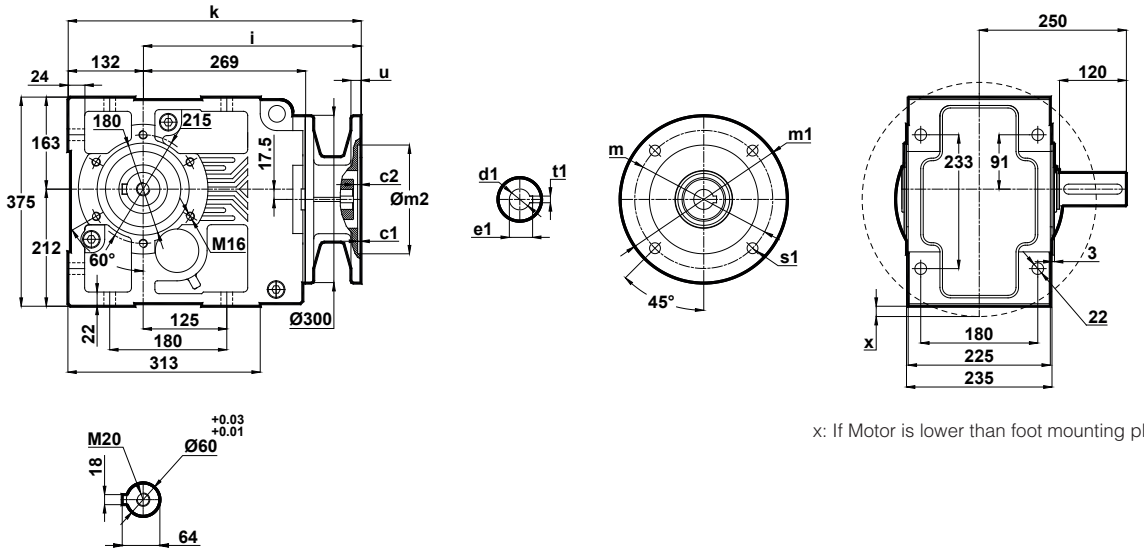
KN573.00



x: If Motor is lower than foot mounting plane

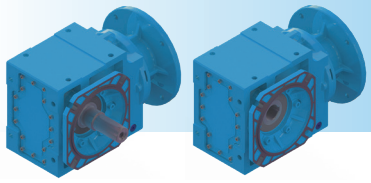
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
100/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
112/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	362.5	15	494.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	438	18	570	42	12	45.3	-
180/B5	5.5	10	19	300	350	250	438	18	570	48	14	51.8	-

KN573.01



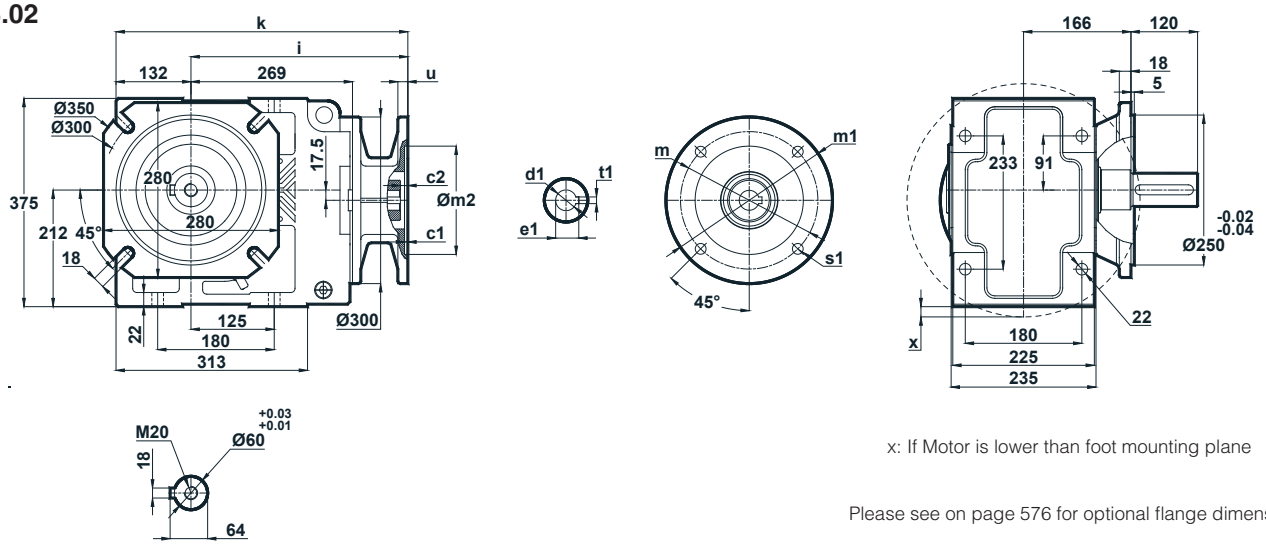
x: If Motor is lower than foot mounting plane

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
100/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
112/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	362.5	15	494.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	438	18	570	42	12	45.3	-
180/B5	5.5	10	19	300	350	250	438	18	570	48	14	51.8	-



Tapped center hole to DIN 332, sheet 2

KN573.02

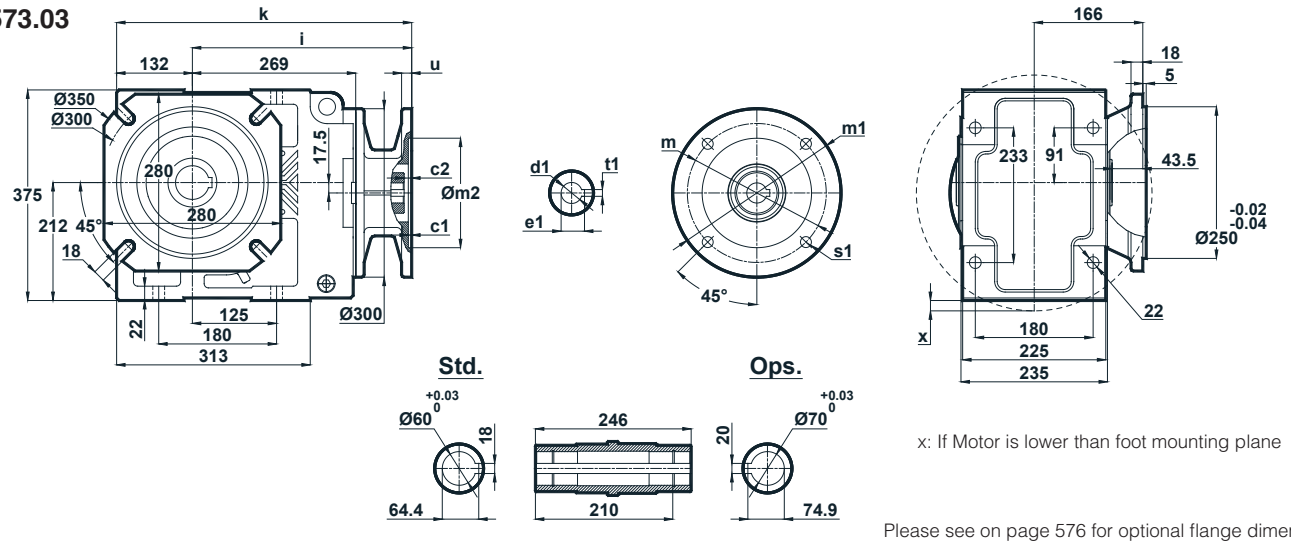


x: If Motor is lower than foot mounting plane

Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
100/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
112/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	362.5	15	494.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	438	18	570	42	12	45.3	-
180/B5	5.5	10	19	300	350	250	438	18	570	48	14	51.8	-

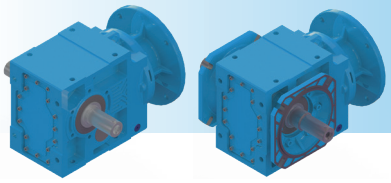
KN573.03



x: If Motor is lower than foot mounting plane

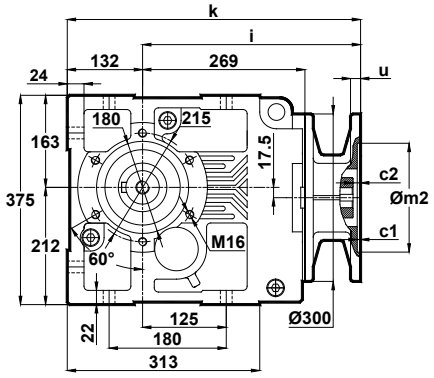
Please see on page 576 for optional flange dimensions

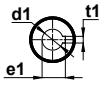
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
100/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
112/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	362.5	15	494.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	438	18	570	42	12	45.3	-
180/B5	5.5	10	19	300	350	250	438	18	570	48	14	51.8	-

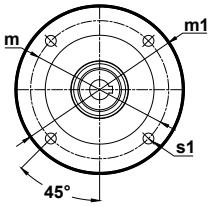


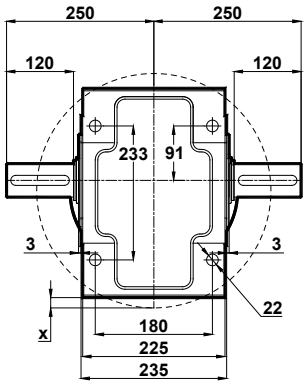
Tapped center hole to DIN 332, sheet 2

KN573.04

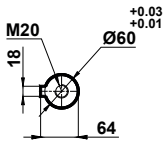






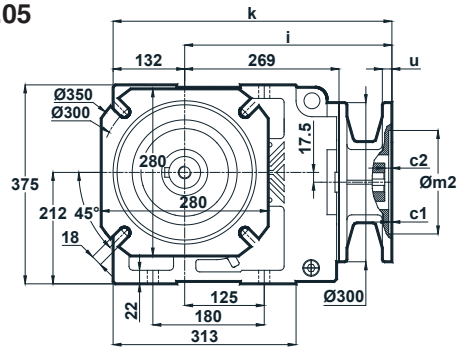


x: If Motor is lower than foot mounting plane

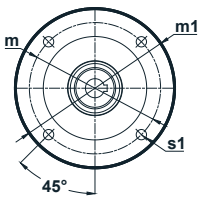


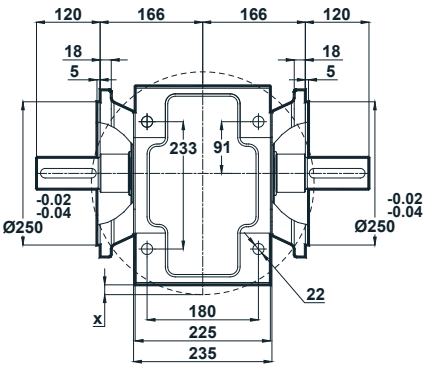
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
100/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
112/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	362.5	15	494.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	438	18	570	42	12	45.3	-
180/B5	5.5	10	19	300	350	250	438	18	570	48	14	51.8	-

KN573.05

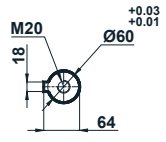






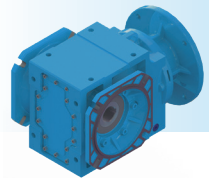


x: If Motor is lower than foot mounting plane



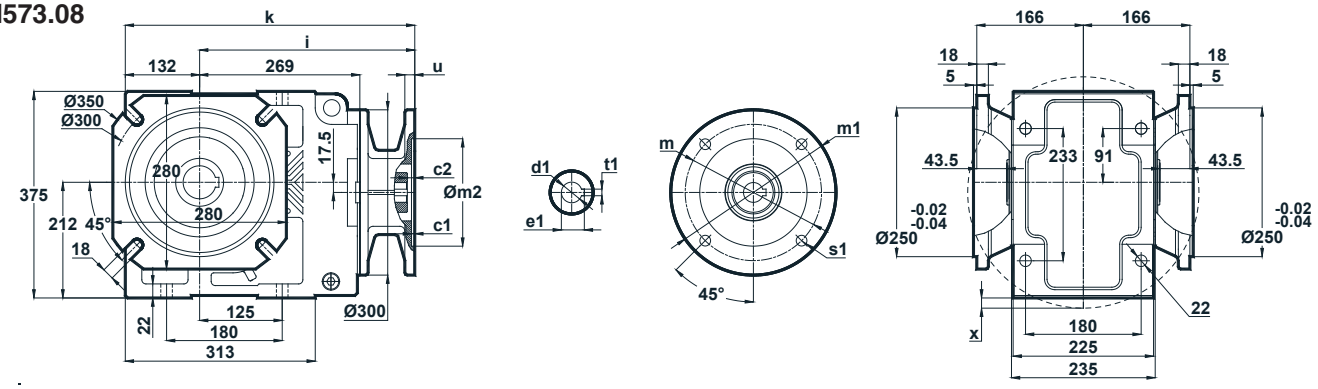
Please see on page 576 for optional flange dimensions

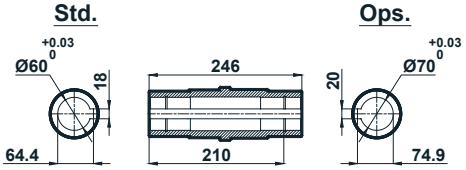
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
100/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
112/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	362.5	15	494.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	438	18	570	42	12	45.3	-
180/B5	5.5	10	19	300	350	250	438	18	570	48	14	51.8	-



Tapped center hole to DIN 332, sheet 2

KN573.08

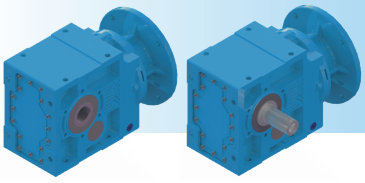




x: If Motor is lower than foot mounting plane

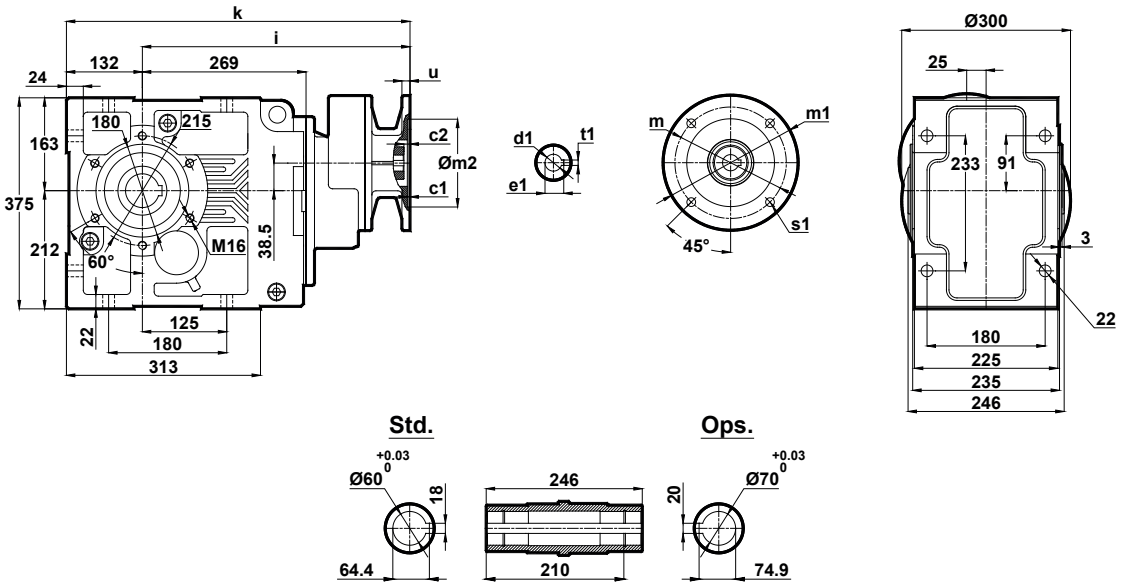
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1	x
100/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
112/B5	4.5	9	15	215	250	180	341.5	15	473.5	28	8	31.3	-
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	362.5	15	494.5	38	10	41.3	-
160/B5	5.5	10	19	300	350	250	438	18	570	42	12	45.3	-
180/B5	5.5	10	19	300	350	250	438	18	570	48	14	51.8	-



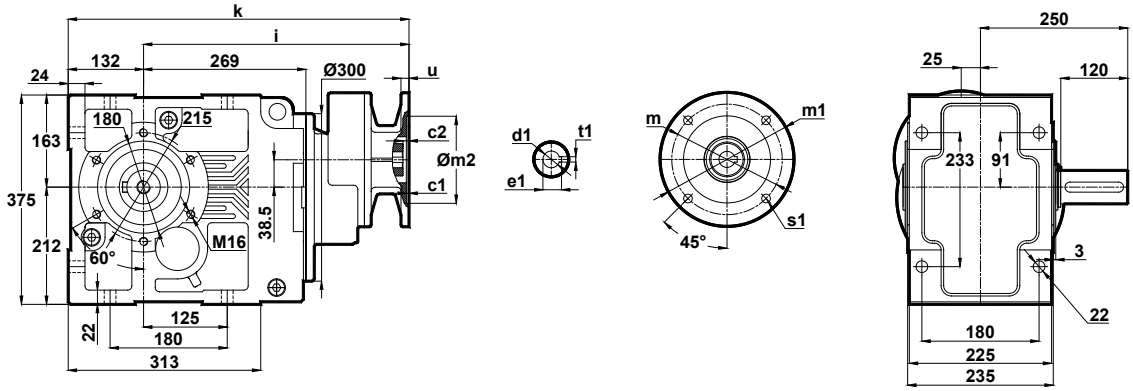
Tapped center hole to DIN 332, sheet 2

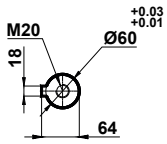
KN574.00



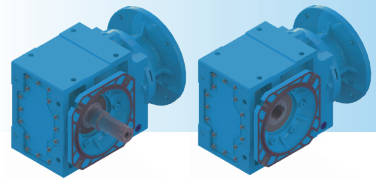
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	421.5	12	553.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	421.5	12	553.5	19	6	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	421.5	12	553.5	24	8	27.3
100/B5	4.5	9	15	215	250	180	438.5	15	570.5	28	8	31.3

KN574.01



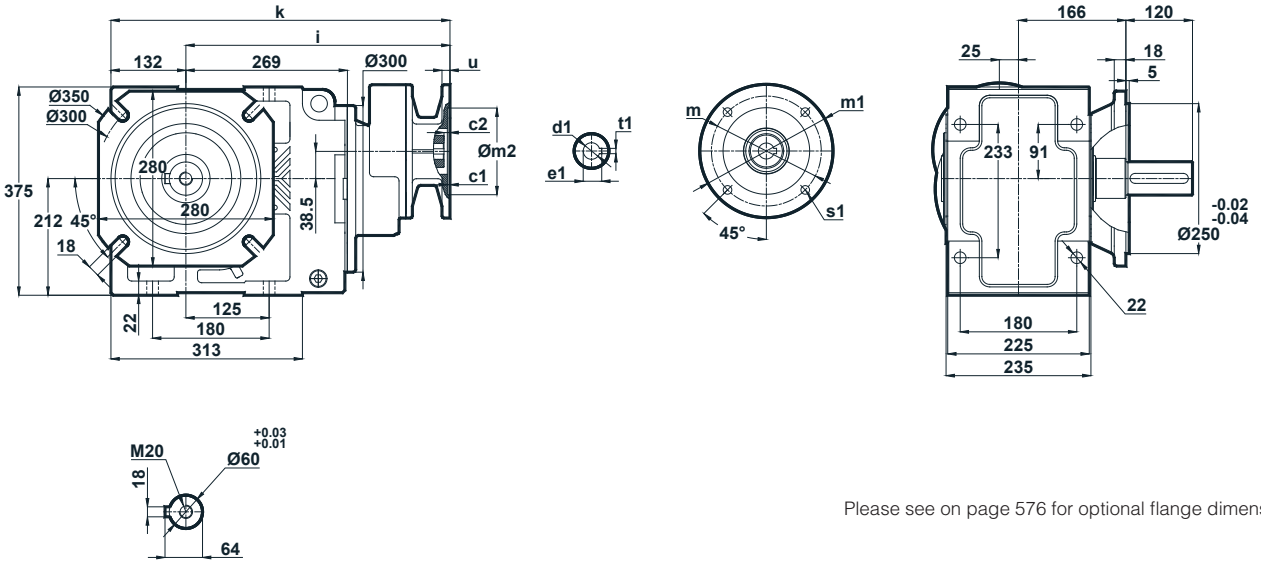


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	421.5	12	553.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	421.5	12	553.5	19	6	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	421.5	12	553.5	24	8	27.3
100/B5	4.5	9	15	215	250	180	438.5	15	570.5	28	8	31.3



Tapped center hole to DIN 332, sheet 2

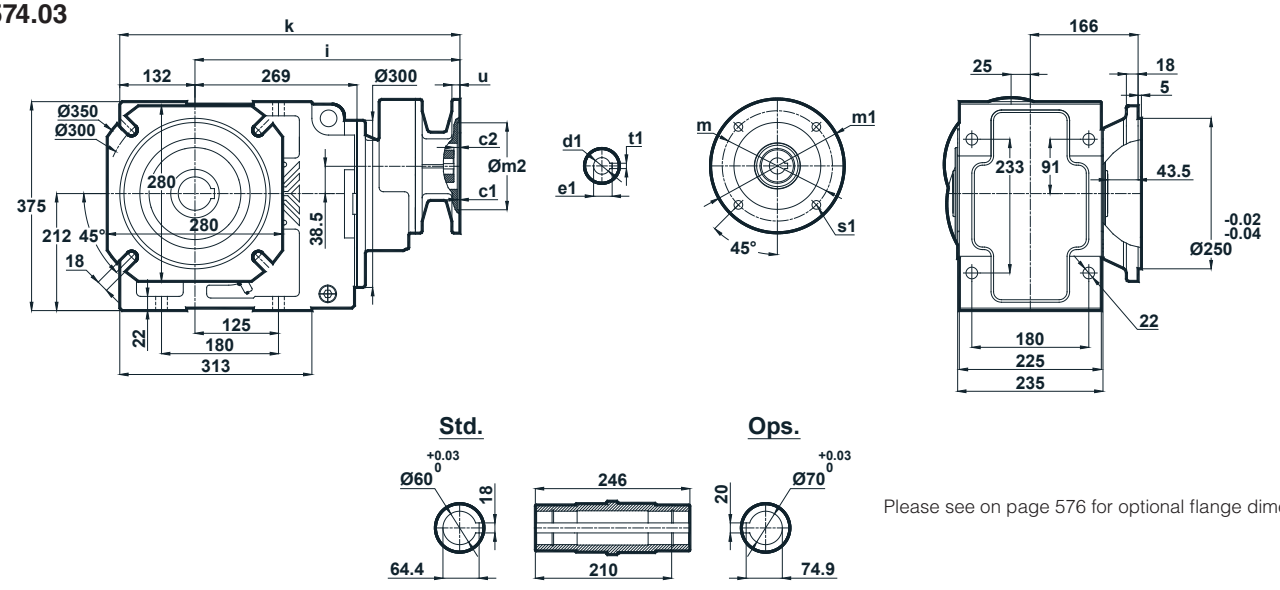
KN574.02



Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	421.5	12	553.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	421.5	12	553.5	19	6	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	421.5	12	553.5	24	8	27.3
100/B5	4.5	9	15	215	250	180	438.5	15	570.5	28	8	31.3

KN574.03

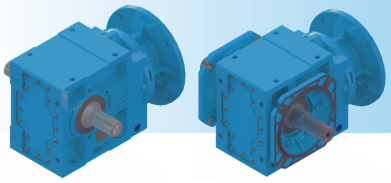


Std.

Ops.

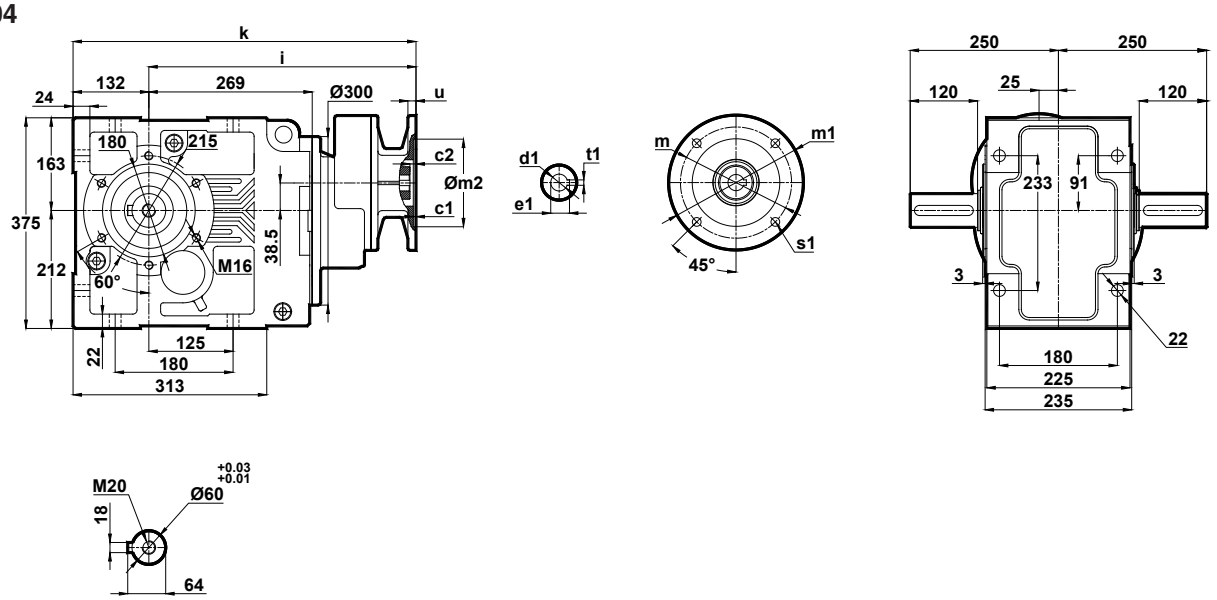
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	421.5	12	553.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	421.5	12	553.5	19	6	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	421.5	12	553.5	24	8	27.3
100/B5	4.5	9	15	215	250	180	438.5	15	570.5	28	8	31.3



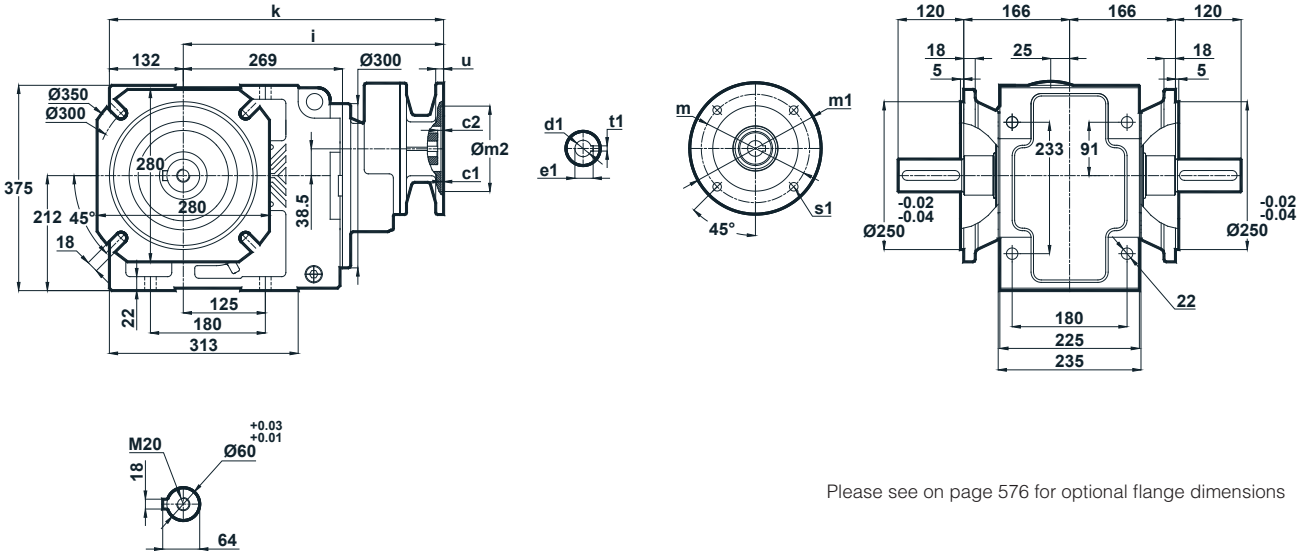
Tapped center hole to DIN 332, sheet 2

KN574.04



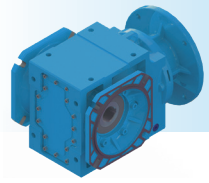
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	421.5	12	553.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	421.5	12	553.5	19	6	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	421.5	12	553.5	24	8	27.3
100/B5	4.5	9	15	215	250	180	438.5	15	570.5	28	8	31.3

KN574.05



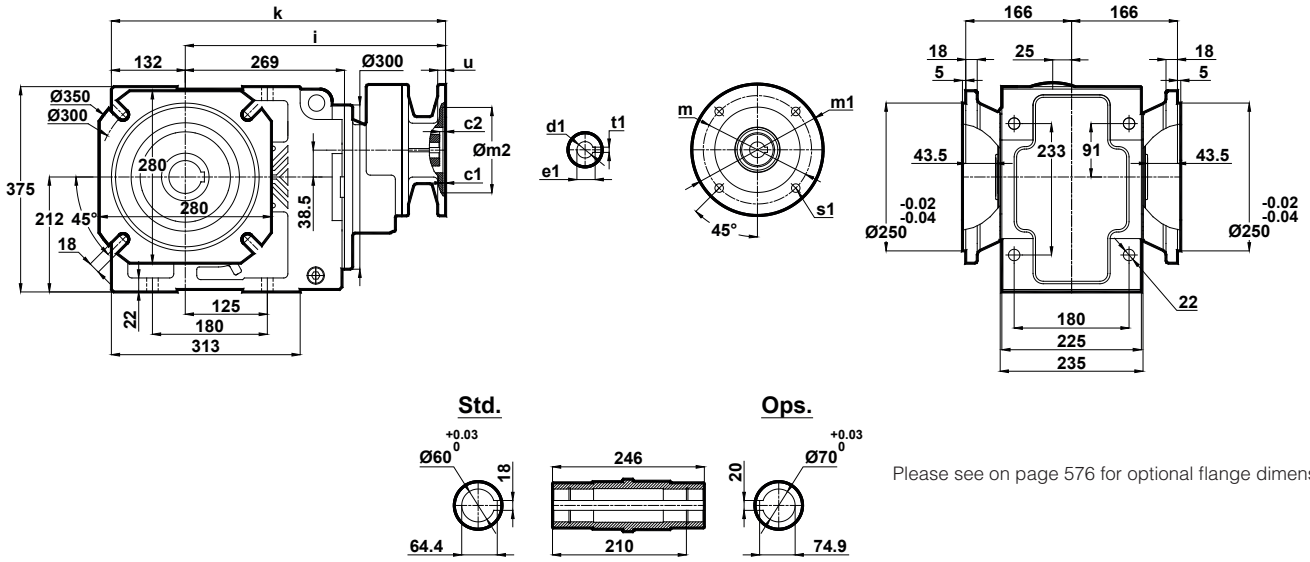
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	421.5	12	553.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	421.5	12	553.5	19	6	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	421.5	12	553.5	24	8	27.3
100/B5	4.5	9	15	215	250	180	438.5	15	570.5	28	8	31.3



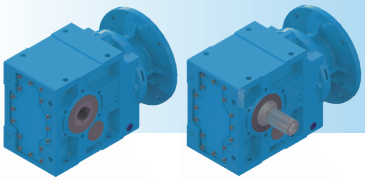
Tapped center hole to DIN 332, sheet 2

KN574.08



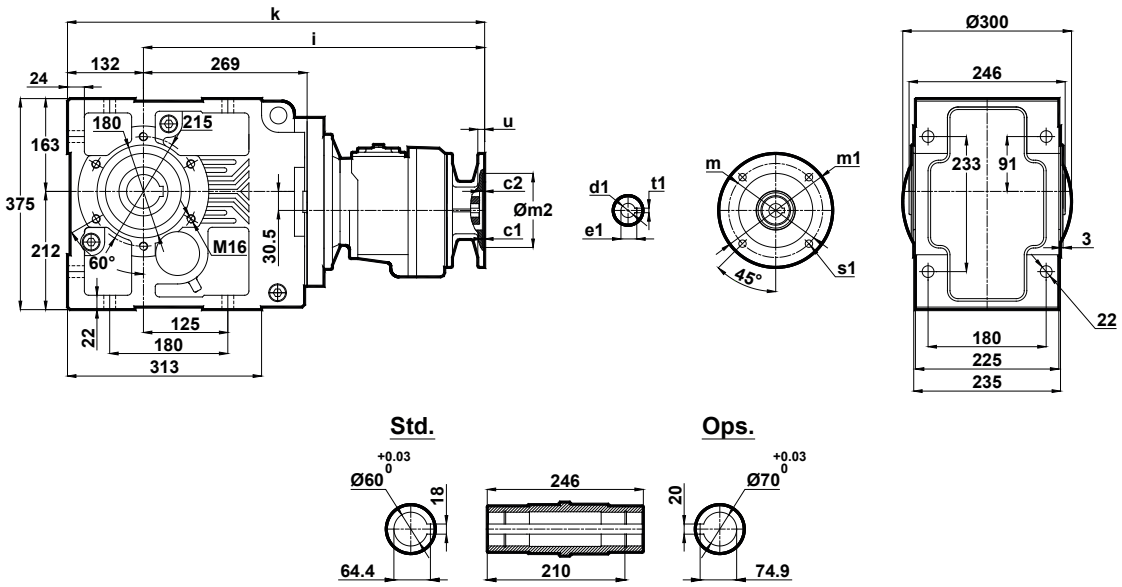
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	421.5	12	553.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	421.5	12	553.5	19	6	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	421.5	12	553.5	24	8	27.3
100/B5	4.5	9	15	215	250	180	438.5	15	570.5	28	8	31.3



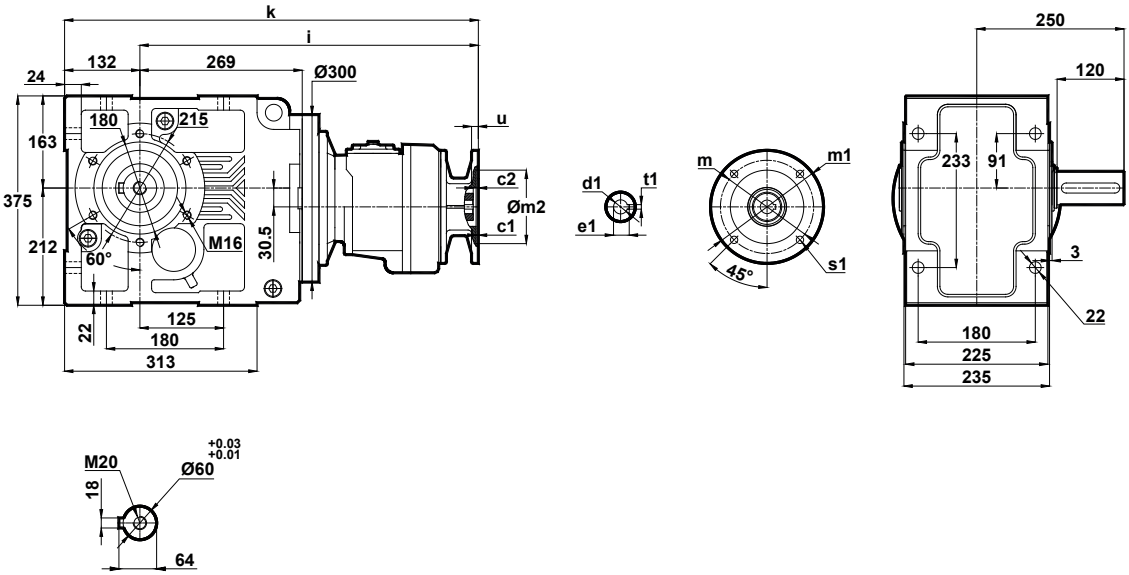
Tapped center hole to DIN 332, sheet 2

KN575.00
KN576.00

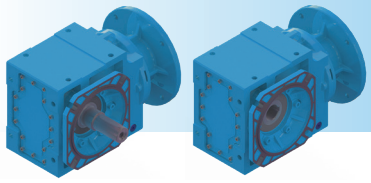


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	551.5	12	683.5	11	4	12.8
71/B5 71/B14	4 3	8.5	11 7	130 85	160 105	110 70	522.5	12 10	654.5	14	5	16.3
80/B5 80/B14	4	5	12 7	165 100	200 120	130 80	551.5	12	683.5	19	6	21.8

KN575.01
KN576.01

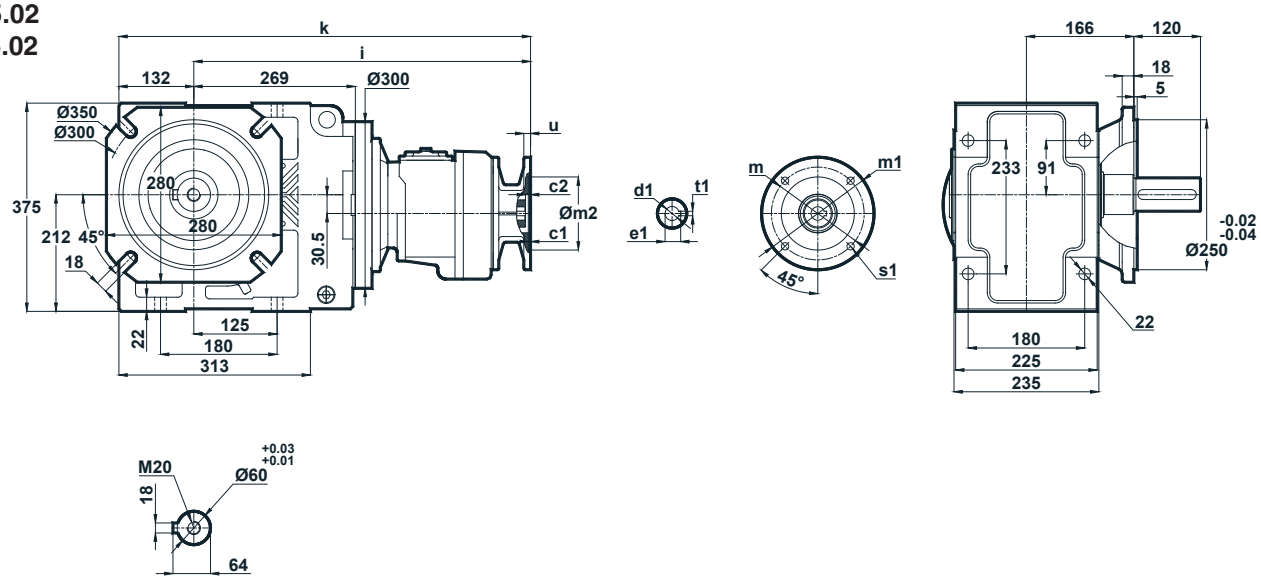


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	551.5	12	683.5	11	4	12.8
71/B5 71/B14	4 3	8.5	11 7	130 85	160 105	110 70	522.5	12 10	654.5	14	5	16.3
80/B5 80/B14	4	5	12 7	165 100	200 120	130 80	551.5	12	683.5	19	6	21.8



Tapped center hole to DIN 332, sheet 2

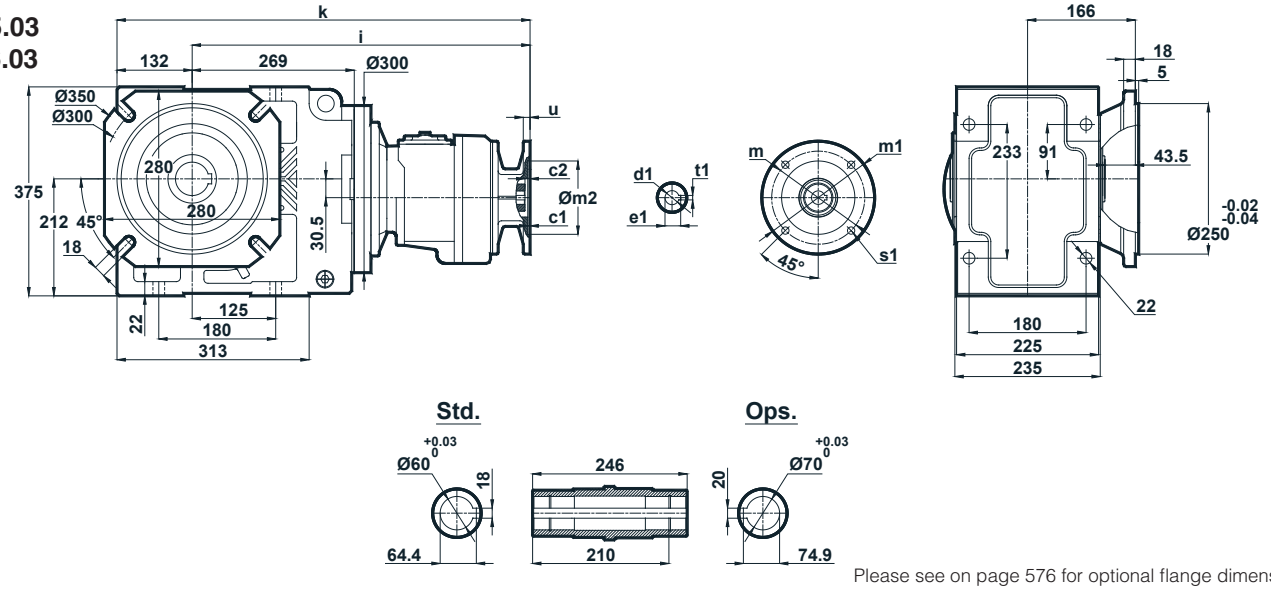
KN575.02
KN576.02



Please see on page 576 for optional flange dimensions

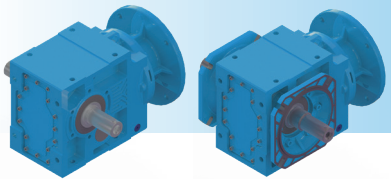
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	551.5	12	683.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	522.5	12 10	654.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	551.5	12	683.5	19	6	21.8

KN575.03
KN576.03



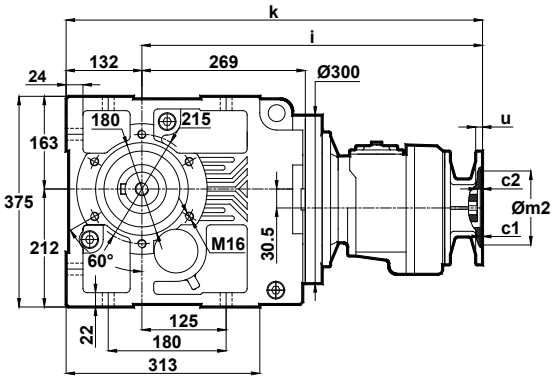
Please see on page 576 for optional flange dimensions

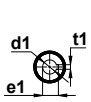
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	551.5	12	683.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	522.5	12 10	654.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	551.5	12	683.5	19	6	21.8

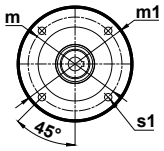


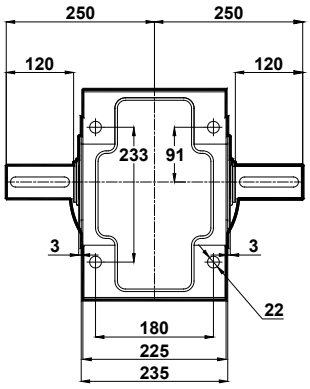
Tapped center hole to DIN 332, sheet 2

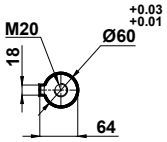
KN575.04
KN576.04





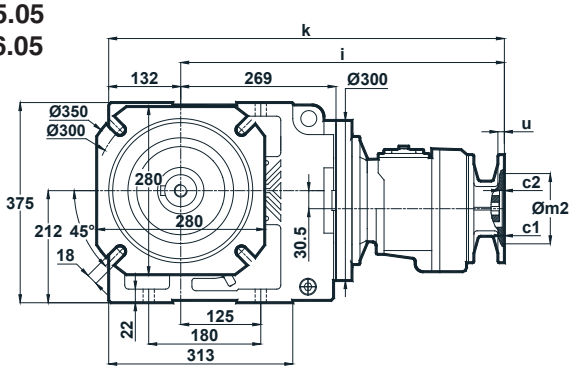




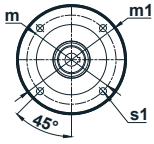


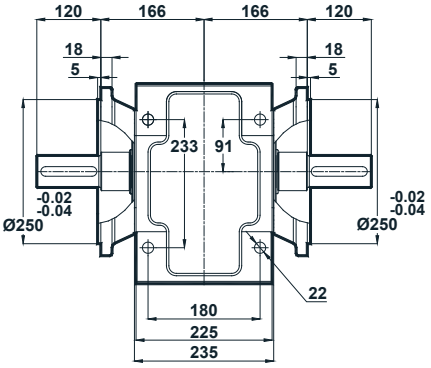
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	551.5	12	683.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	522.5	12 10	654.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	551.5	12	683.5	19	6	21.8

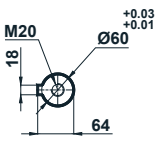
KN575.05
KN576.05





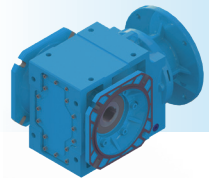






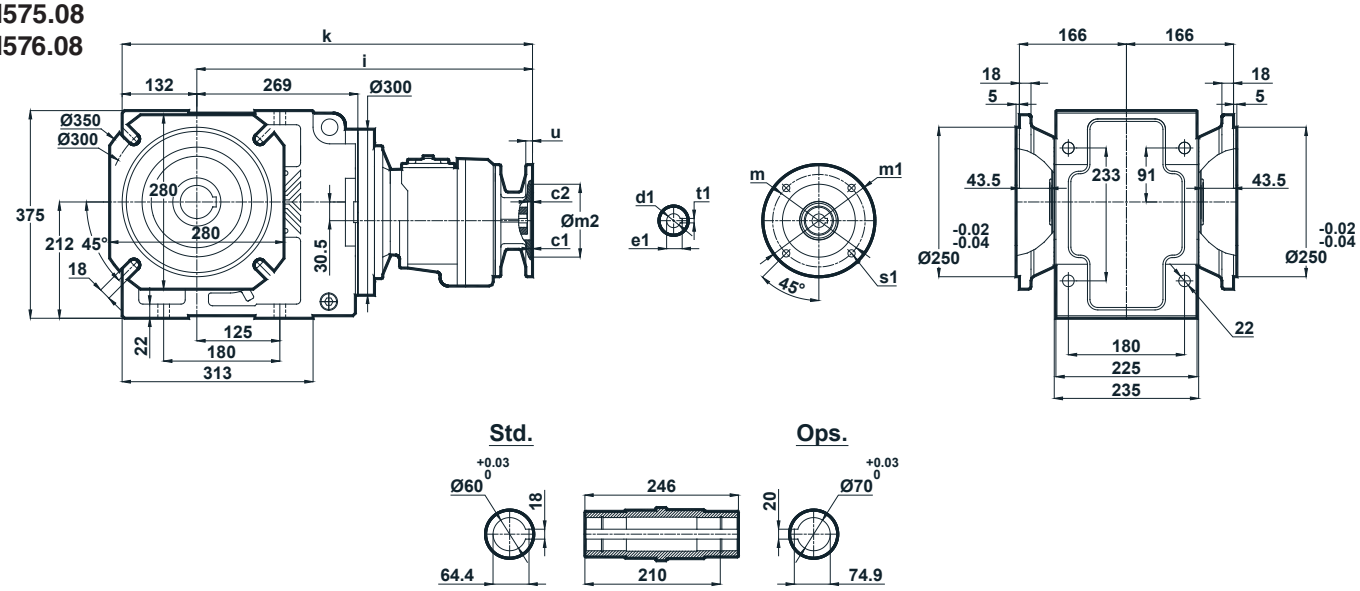
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	551.5	12	683.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	522.5	12 10	654.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	551.5	12	683.5	19	6	21.8



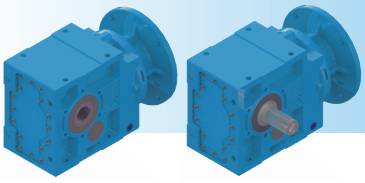
Tapped center hole to DIN 332, sheet 2

KN575.08
KN576.08



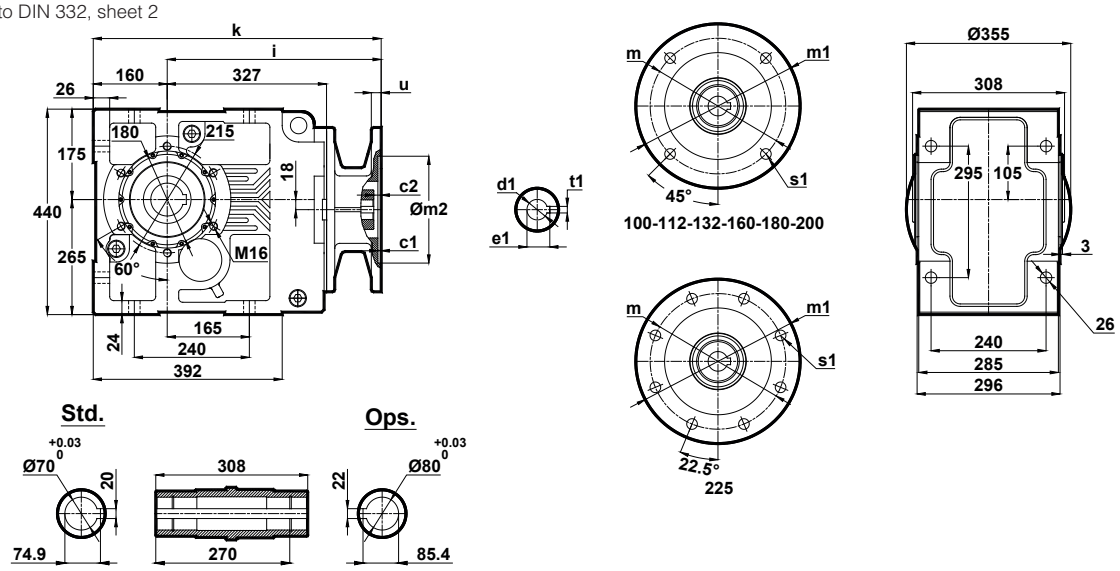
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
63/B5	3.5	5	9	115	140	95	551.5	12	683.5	11	4	12.8
71/B5 **71/B14**	4 3	8.5	11 7	130 85	160 105	110 70	522.5	12 10	654.5	14	5	16.3
80/B5 **80/B14**	4	5	12 7	165 100	200 120	130 80	551.5	12	683.5	19	6	21.8



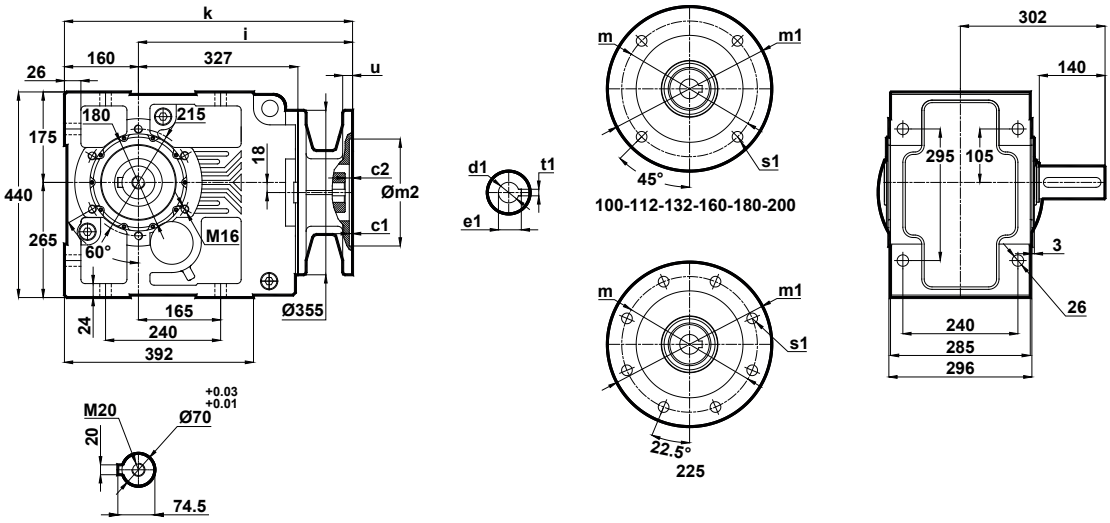
Tapped center hole to DIN 332, sheet 2

KN673.00

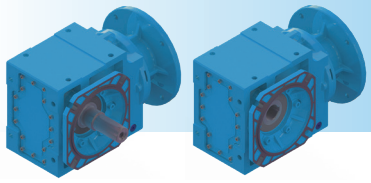


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
112/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
132/B5 132/B14	4.5	9	15	265 165	300 200	230 130	410.5	15	570.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	485.5	20	645.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	485.5	20	645.5	48	14	51.8
200/B5	5.5	10	19	350	400	300	506	22	666	55	16	59.3
225/B5	5.5	10	19	400	450	350	559	24	719	60	18	64.4

KN673.01

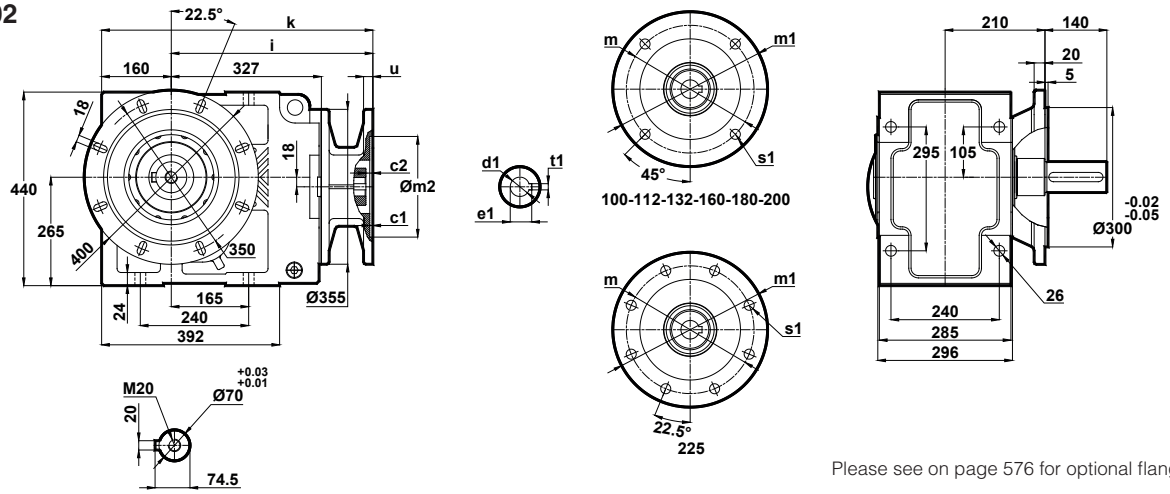


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
112/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
132/B5 132/B14	4.5	9	15	265 165	300 200	230 130	410.5	15	570.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	485.5	20	645.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	485.5	20	645.5	48	14	51.8
200/B5	5.5	10	19	350	400	300	506	22	666	55	16	59.3
225/B5	5.5	10	19	400	450	350	559	24	719	60	18	64.4



Tapped center hole to DIN 332, sheet 2

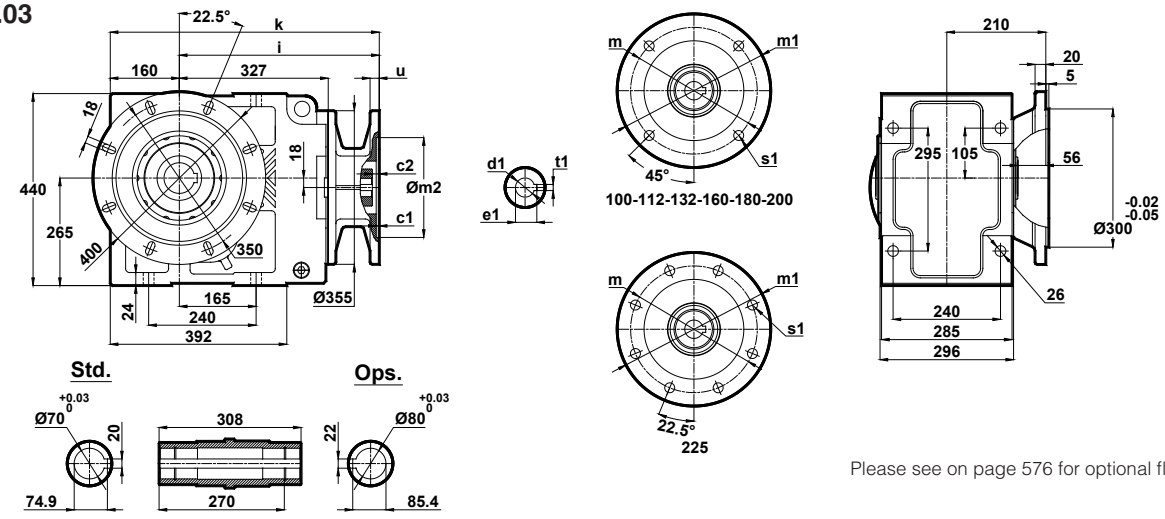
KN673.02



Please see on page 576 for optional flange dimensions

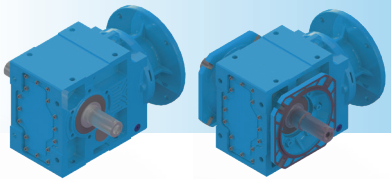
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
112/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	410.5	15	570.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	485.5	20	645.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	485.5	20	645.5	48	14	51.8
200/B5	5.5	10	19	350	400	300	506	22	666	55	16	59.3
225/B5	5.5	10	19	400	450	350	559	24	719	60	18	64.4

KN673.03



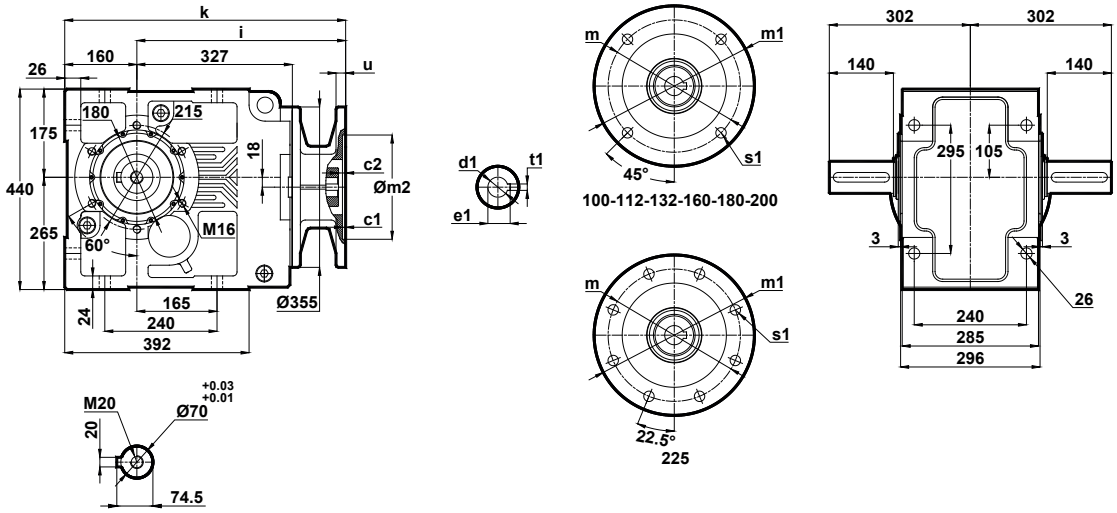
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
112/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	410.5	15	570.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	485.5	20	645.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	485.5	20	645.5	48	14	51.8
200/B5	5.5	10	19	350	400	300	506	22	666	55	16	59.3
225/B5	5.5	10	19	400	450	350	559	24	719	60	18	64.4



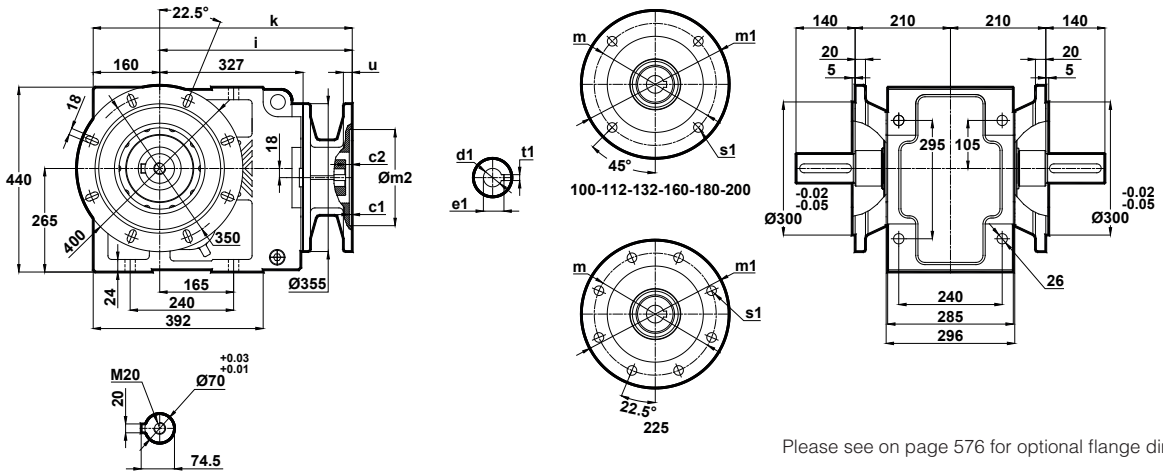
Tapped center hole to DIN 332, sheet 2

KN673.04



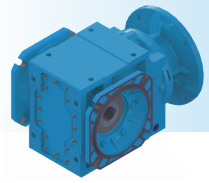
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
112/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
132/B5 132/B14	4.5	9	15	265 165	300 200	230 130	410.5	15	570.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	485.5	20	645.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	485.5	20	645.5	48	14	51.8
200/B5	5.5	10	19	350	400	300	506	22	666	55	16	59.3
225/B5	5.5	10	19	400	450	350	559	24	719	60	18	64.4

KN673.05



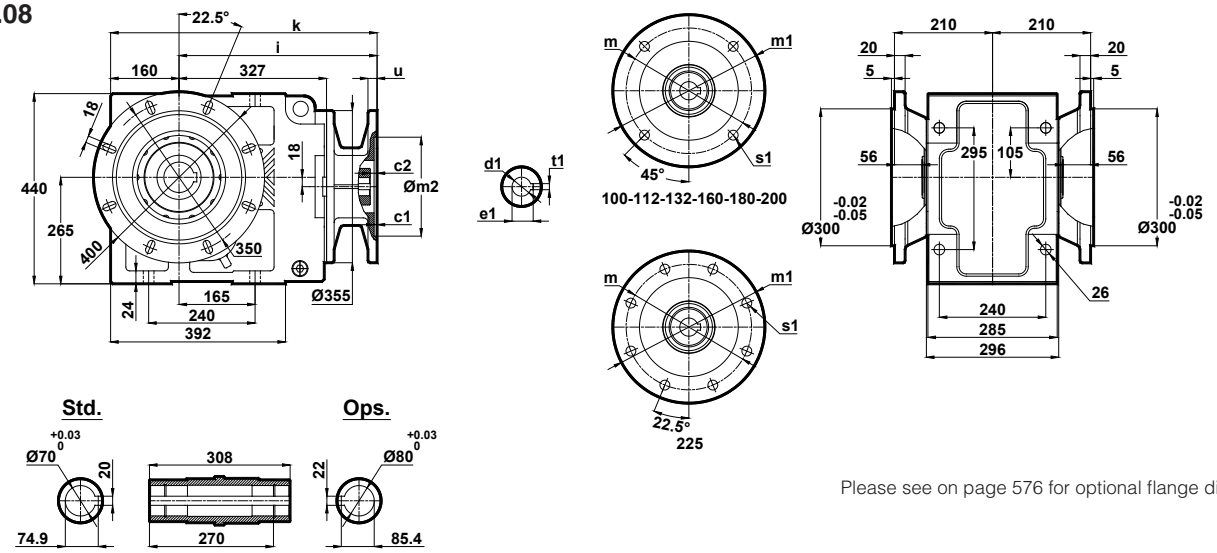
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
112/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
132/B5 132/B14	4.5	9	15	265 165	300 200	230 130	410.5	15	570.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	485.5	20	645.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	485.5	20	645.5	48	14	51.8
200/B5	5.5	10	19	350	400	300	506	22	666	55	16	59.3
225/B5	5.5	10	19	400	450	350	559	24	719	60	18	64.4



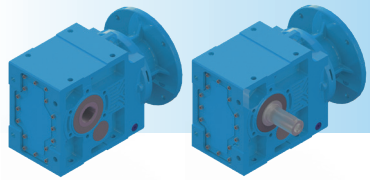
Tapped center hole to DIN 332, sheet 2

KN673.08



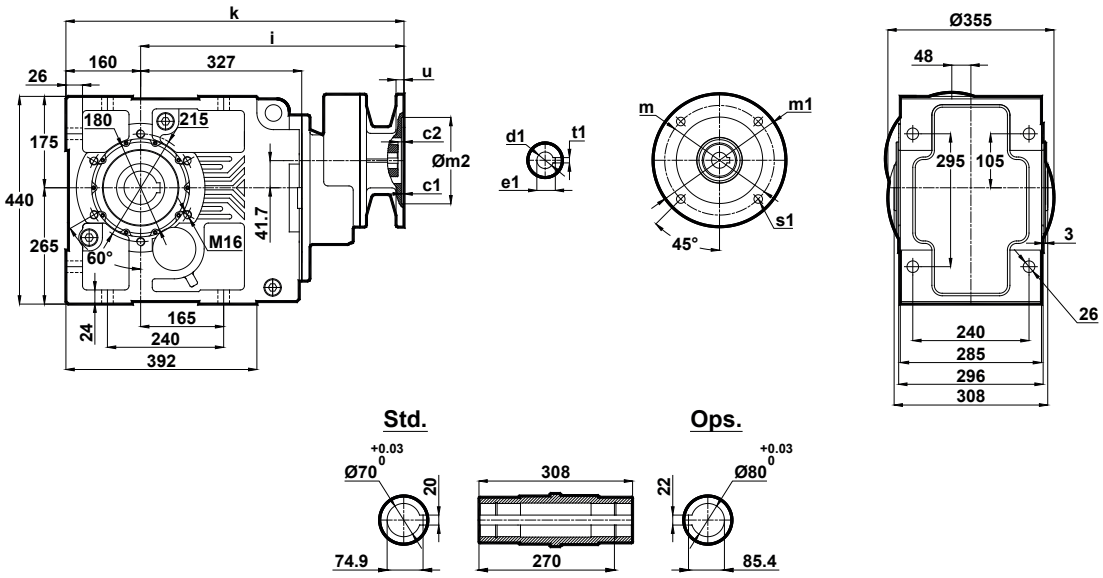
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
112/B5	4.5	14.5	15	215	250	180	395.5	15	555.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	410.5	15	570.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	485.5	20	645.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	485.5	20	645.5	48	14	51.8
200/B5	5.5	10	19	350	400	300	506	22	666	55	16	59.3
225/B5	5.5	10	19	400	450	350	559	24	719	60	18	64.4



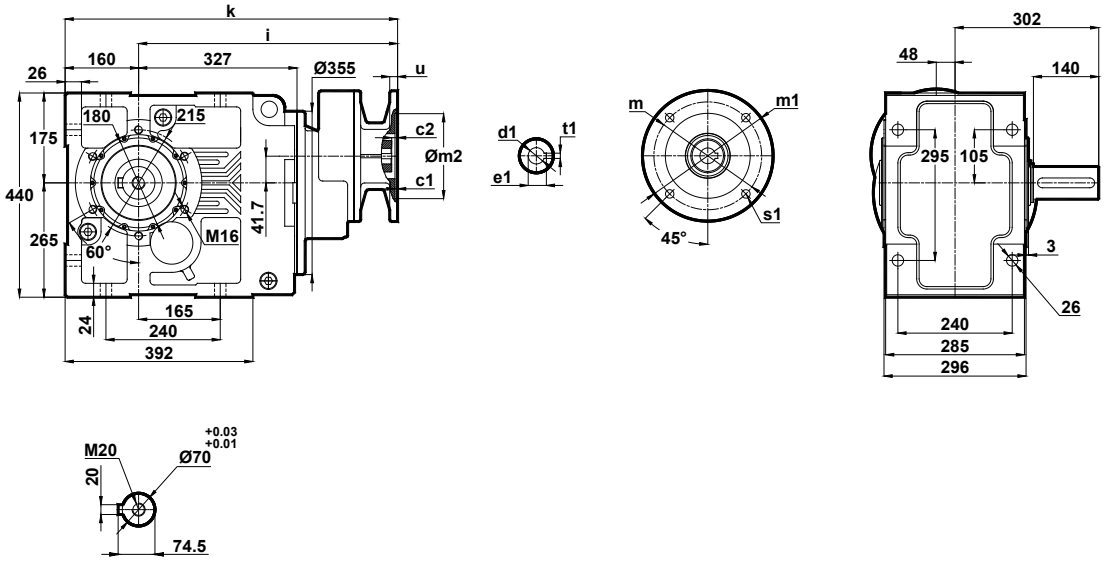
Tapped center hole to DIN 332, sheet 2

KN674.00

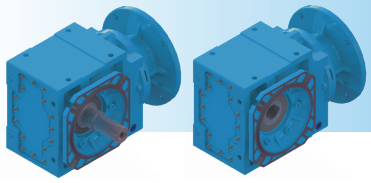


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5	4	5	12	165	200	130	485.5	12	645.5	19	6	21.8
90/B5 **90/B14**	4	5	13 9	165 115	200 140	130 95	485.5	12	645.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	504	15	664	28	8	31.3

KN674.01

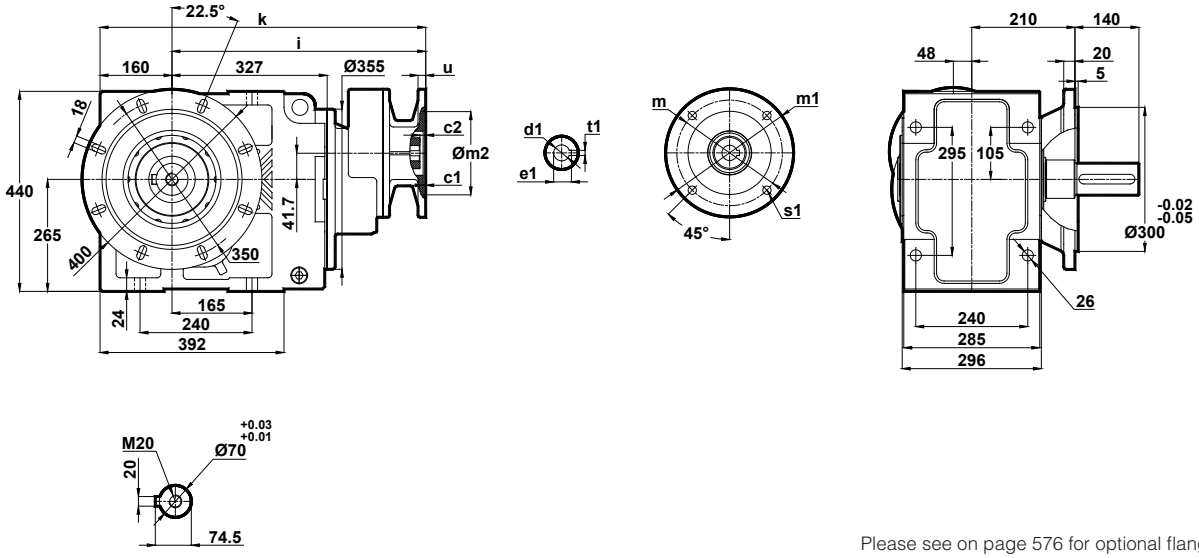


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5	4	5	12	165	200	130	485.5	12	645.5	19	6	21.8
90/B5 **90/B14**	4	5	13 9	165 115	200 140	130 95	485.5	12	645.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	504	15	664	28	8	31.3



Tapped center hole to DIN 332, sheet 2

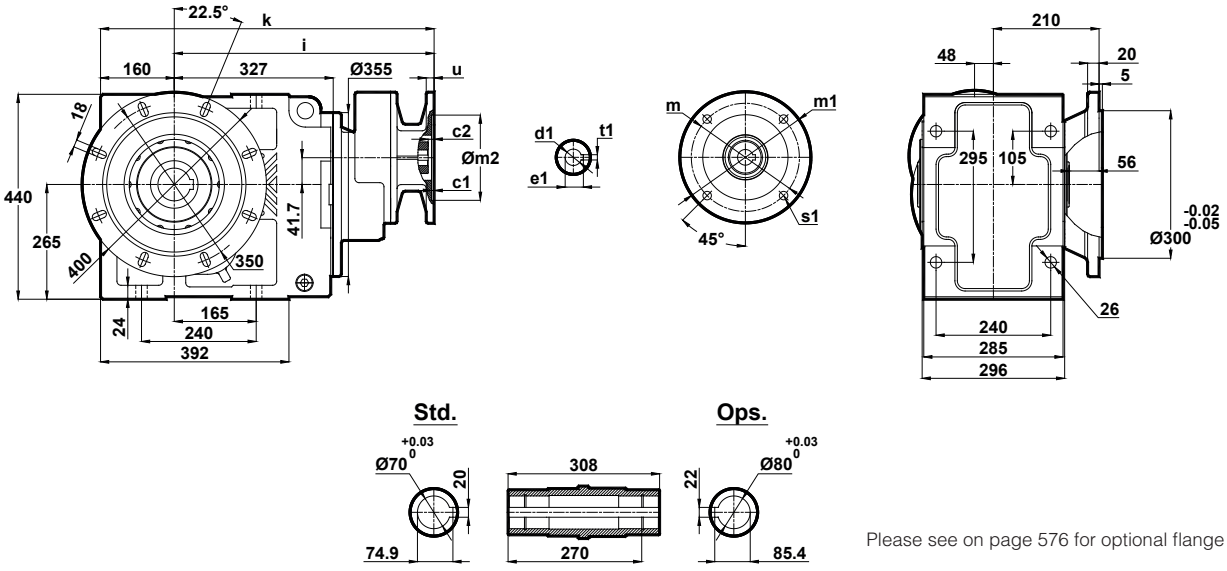
KN674.02



Please see on page 576 for optional flange dimensions

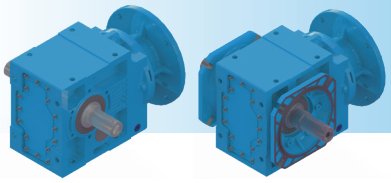
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5	4	5	12	165	200	130	485.5	12	645.5	19	6	21.8
90/B5 **90/B14**	4	5	13 9	165 115	200 140	130 95	485.5	12	645.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	504	15	664	28	8	31.3

KN674.03



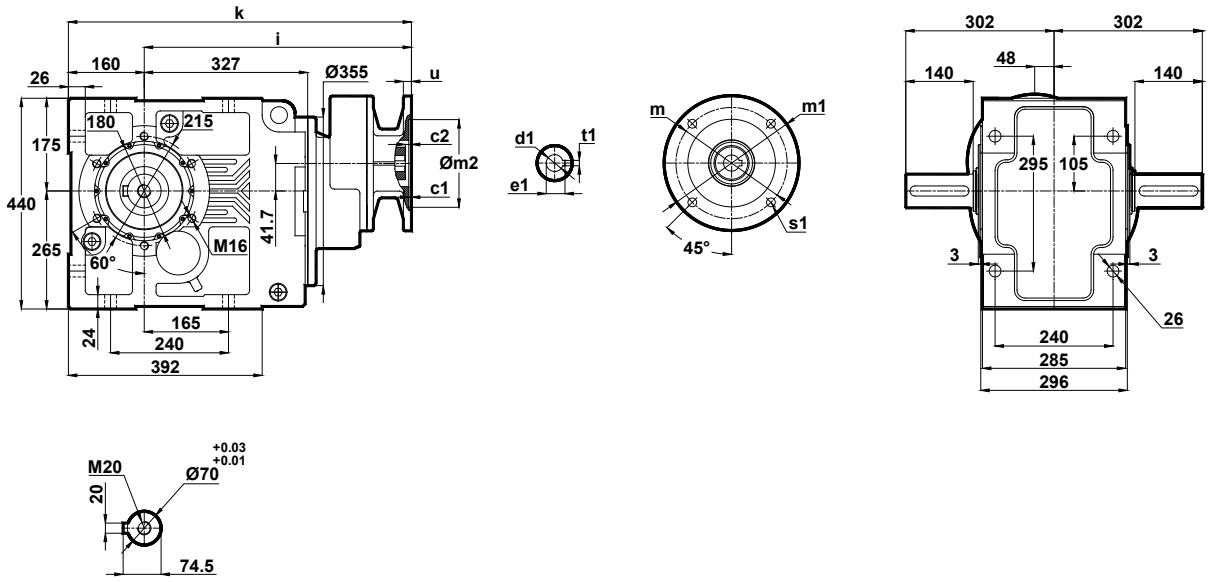
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5	4	5	12	165	200	130	485.5	12	645.5	19	6	21.8
90/B5 **90/B14**	4	5	13 9	165 115	200 140	130 95	485.5	12	645.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	504	15	664	28	8	31.3



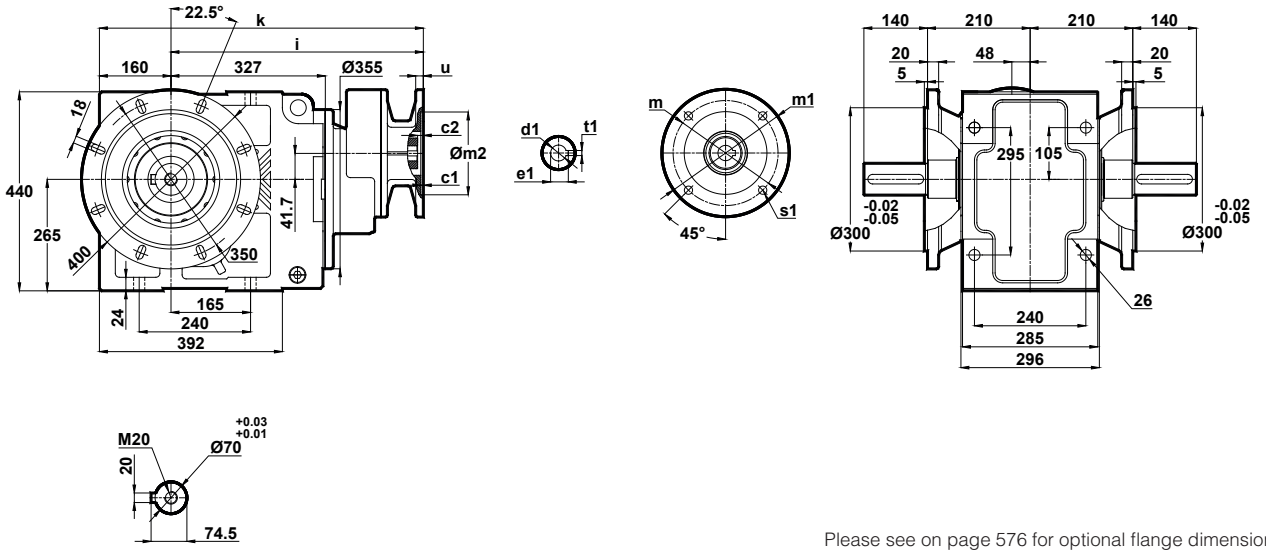
Tapped center hole to DIN 332, sheet 2

KN674.04



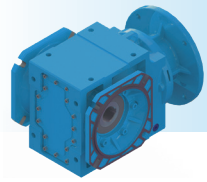
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5	4	5	12	165	200	130	485.5	12	645.5	19	6	21.8
90/B5 **90/B14**	4	5	13 9	165 115	200 140	130 95	485.5	12	645.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	504	15	664	28	8	31.3

KN674.05



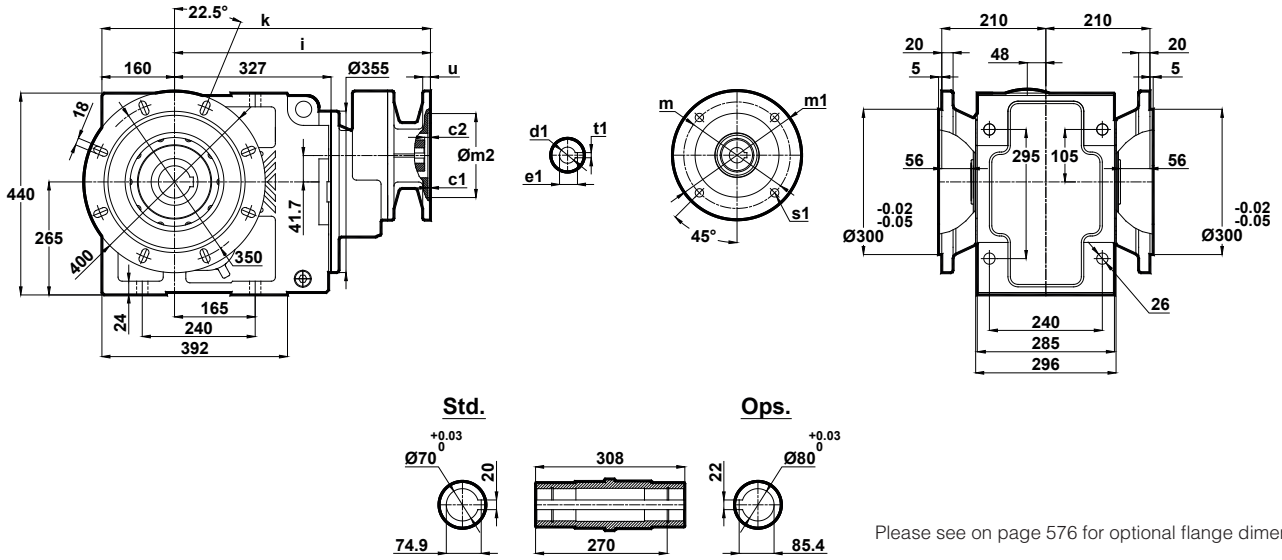
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5	4	5	12	165	200	130	485.5	12	645.5	19	6	21.8
90/B5 **90/B14**	4	5	13 9	165 115	200 140	130 95	485.5	12	645.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	504	15	664	28	8	31.3



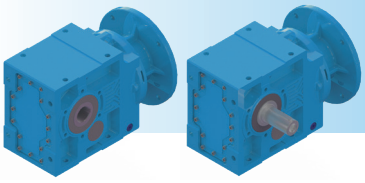
Tapped center hole to DIN 332, sheet 2

KN674.08



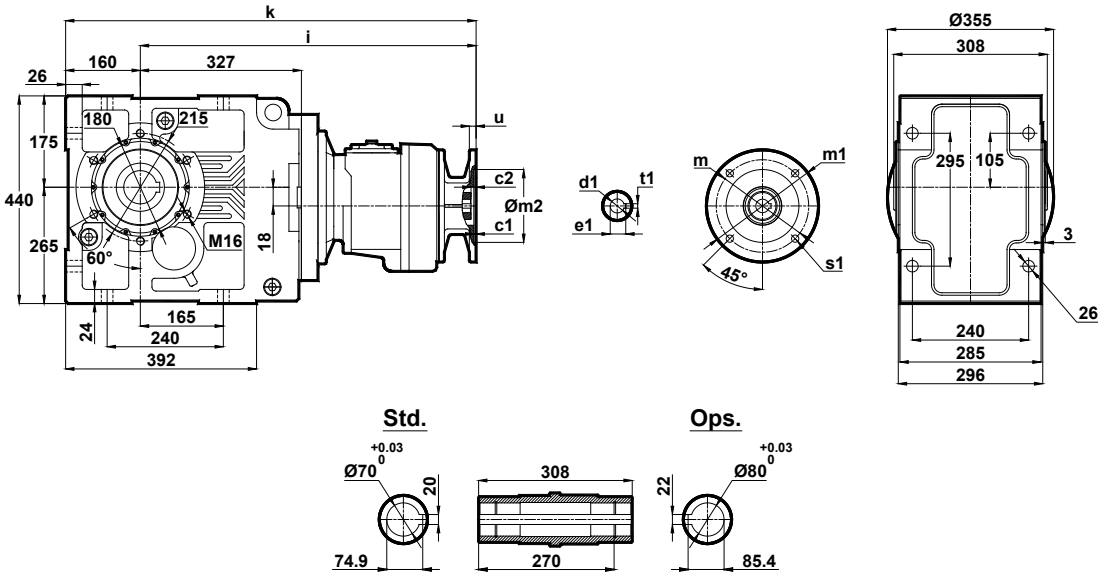
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5	4	5	12	165	200	130	485.5	12	645.5	19	6	21.8
90/B5 **90/B14**	4	5	13 9	165 115	200 140	130 95	485.5	12	645.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	504	15	664	28	8	31.3



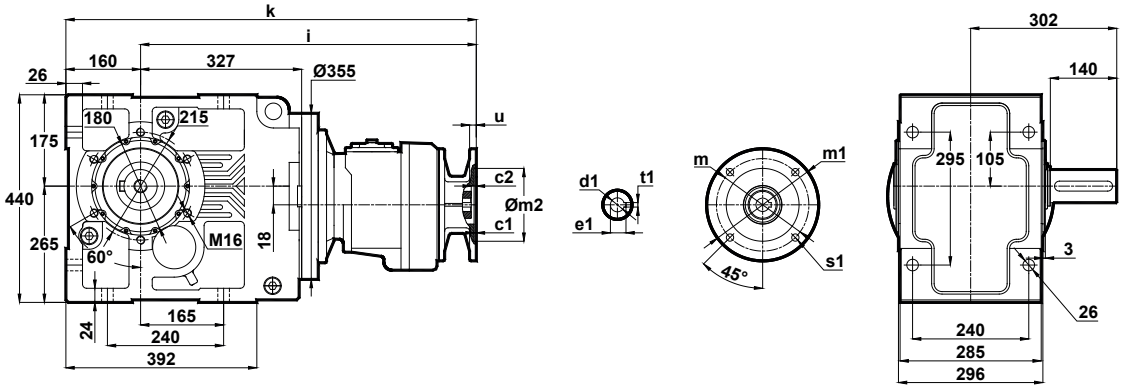
Tapped center hole to DIN 332, sheet 2

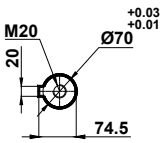
KN675.00
KN676.00



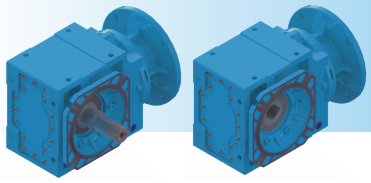
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	636.5	12	796.5	14	5	16.3
80/B5 **80/B14**	4	9	13 7	165 100	200 120	130 80	636.5	12	796.5	19	6	21.8
90/B5 **90/B14**	4	9	13 9	165 115	200 140	130 95	636.5	12	796.5	24	8	27.3

KN675.01
KN676.01



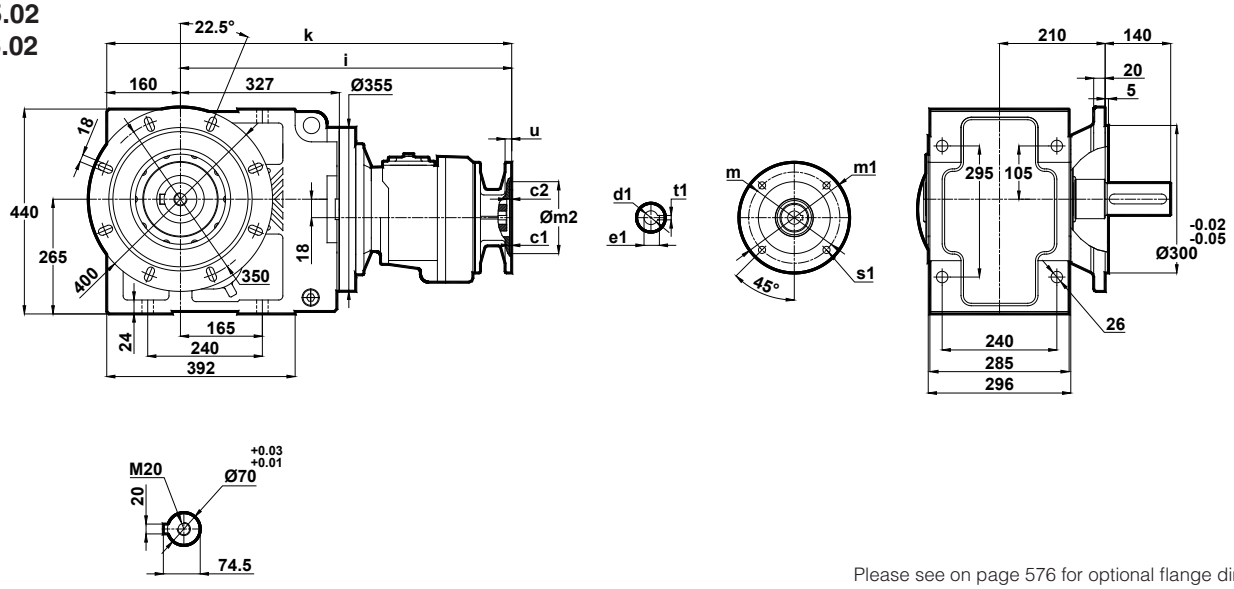


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	636.5	12	796.5	14	5	16.3
80/B5 **80/B14**	4	9	13 7	165 100	200 120	130 80	636.5	12	796.5	19	6	21.8
90/B5 **90/B14**	4	9	13 9	165 115	200 140	130 95	636.5	12	796.5	24	8	27.3



Tapped center hole to DIN 332, sheet 2

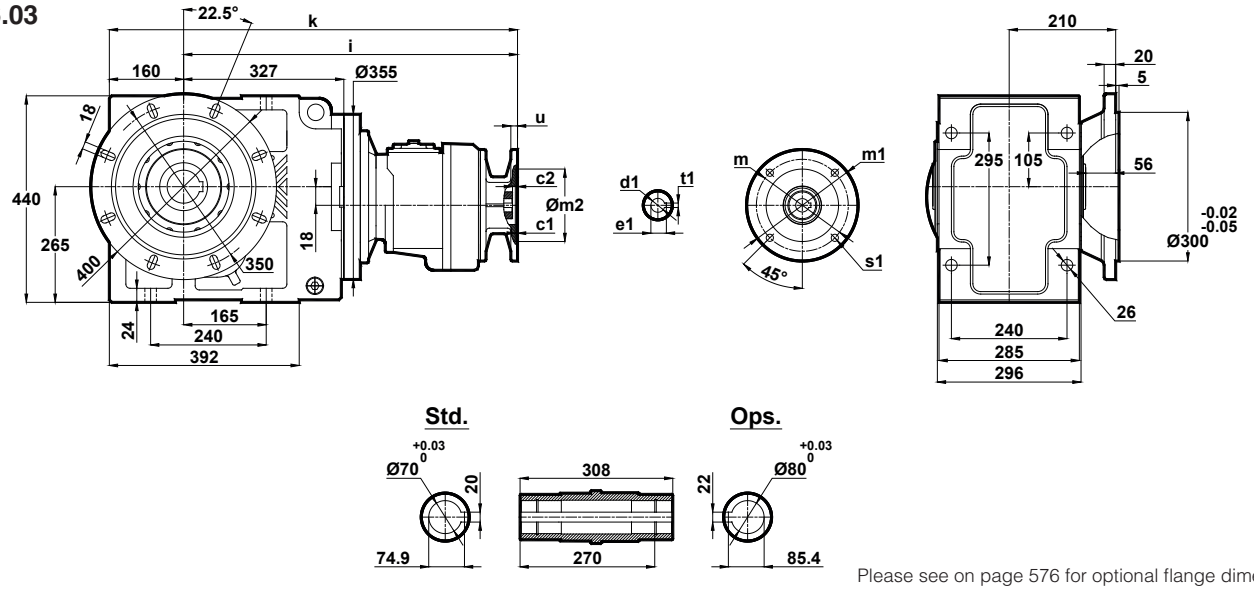
KN675.02
KN676.02



Please see on page 576 for optional flange dimensions

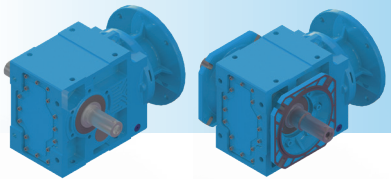
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	636.5	12	796.5	14	5	16.3
80/B5 80/B14	4	9	13 7	165 100	200 120	130 80	636.5	12	796.5	19	6	21.8
90/B5 90/B14	4	9	13 9	165 115	200 140	130 95	636.5	12	796.5	24	8	27.3

KN675.03
KN676.03



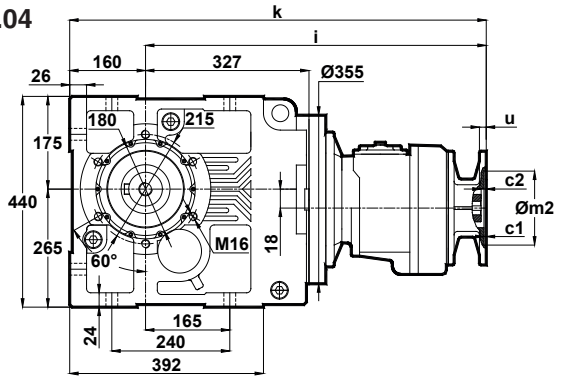
Please see on page 576 for optional flange dimensions

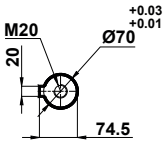
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	636.5	12	796.5	14	5	16.3
80/B5 80/B14	4	9	13 7	165 100	200 120	130 80	636.5	12	796.5	19	6	21.8
90/B5 90/B14	4	9	13 9	165 115	200 140	130 95	636.5	12	796.5	24	8	27.3



Tapped center hole to DIN 332, sheet 2

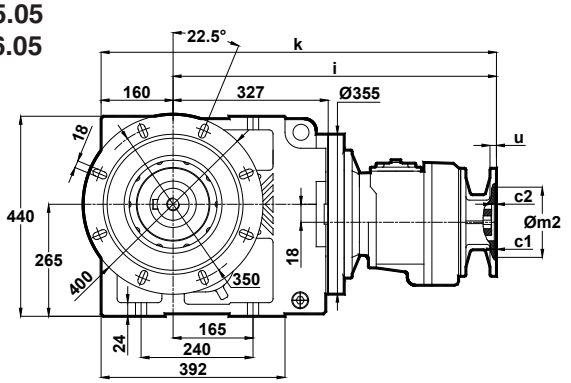
KN675.04
KN676.04

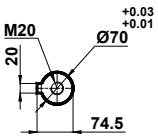




	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	636.5	12	796.5	14	5	16.3
80/B5 **80/B14**	4	9	13 7	165 100	200 120	130 80	636.5	12	796.5	19	6	21.8
90/B5 **90/B14**	4	9	13 9	165 115	200 140	130 95	636.5	12	796.5	24	8	27.3

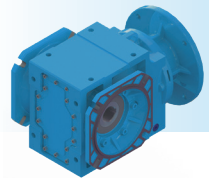
KN675.05
KN676.05





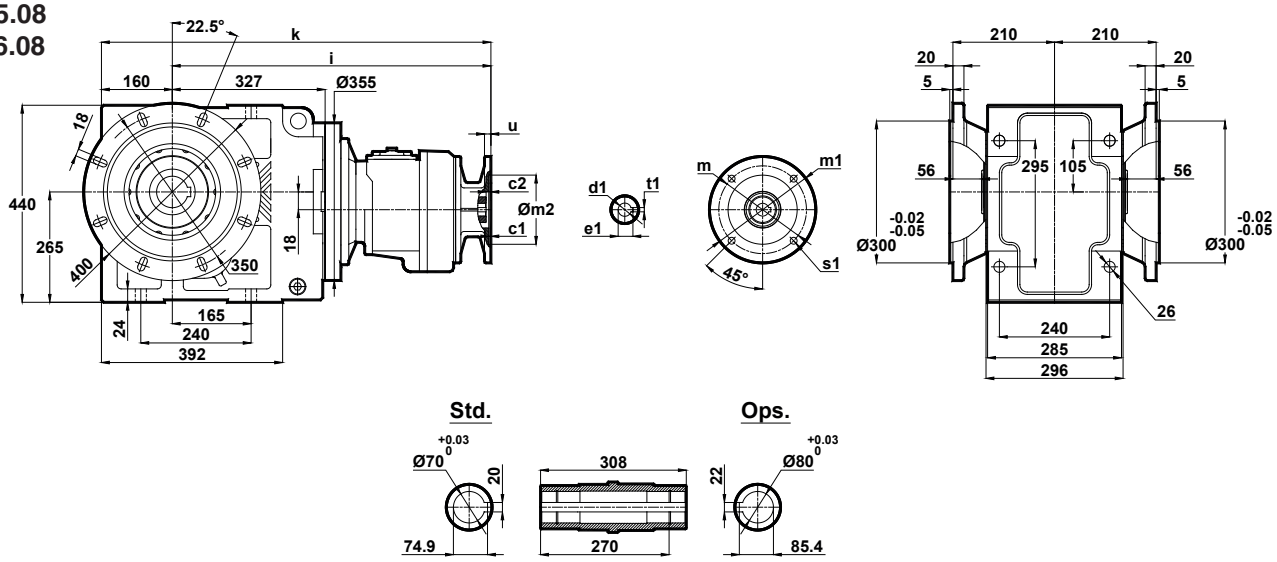
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	636.5	12	796.5	14	5	16.3
80/B5 **80/B14**	4	9	13 7	165 100	200 120	130 80	636.5	12	796.5	19	6	21.8
90/B5 **90/B14**	4	9	13 9	165 115	200 140	130 95	636.5	12	796.5	24	8	27.3



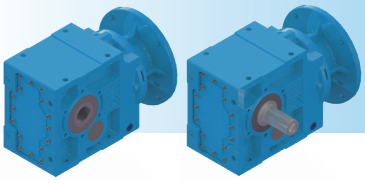
Tapped center hole to DIN 332, sheet 2

KN675.08
KN676.08



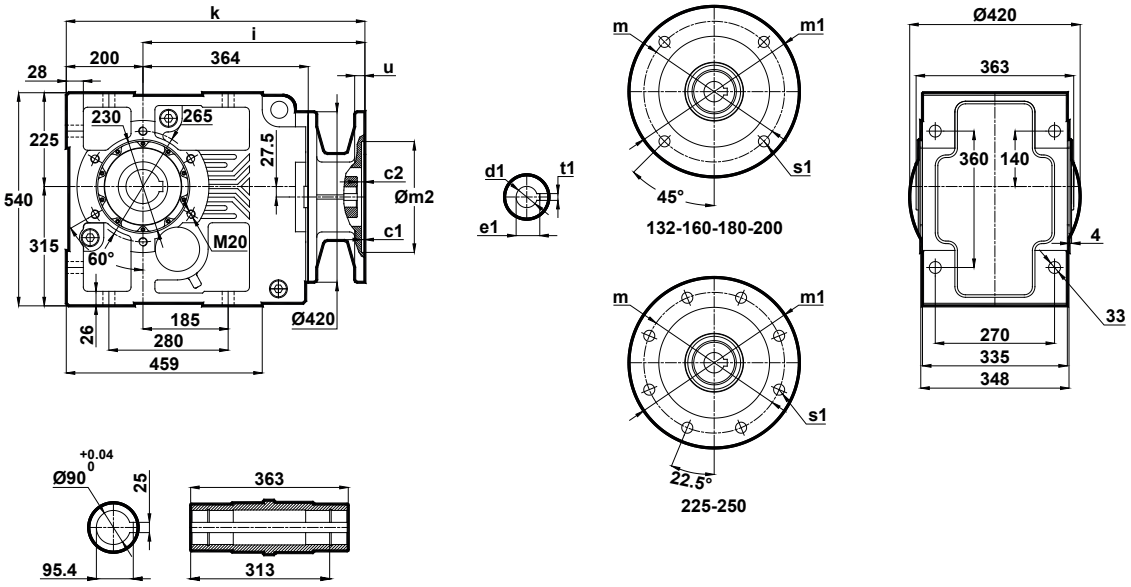
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	636.5	12	796.5	14	5	16.3
80/B5 **80/B14**	4	9	13 7	165 100	200 120	130 80	636.5	12	796.5	19	6	21.8
90/B5 **90/B14**	4	9	13 9	165 115	200 140	130 95	636.5	12	796.5	24	8	27.3



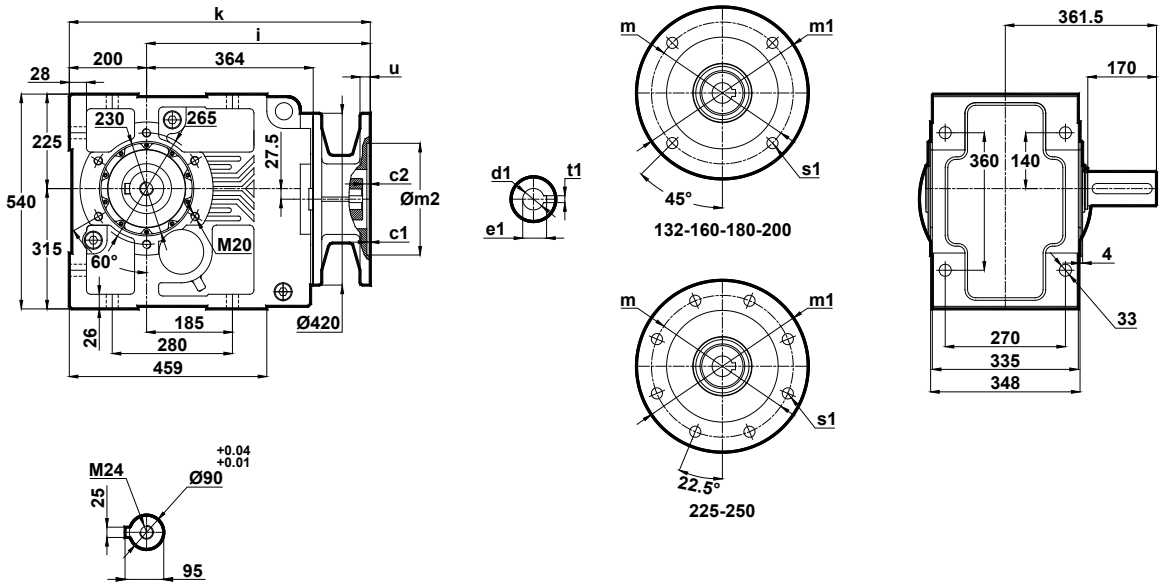
Tapped center hole to DIN 332, sheet 2

KN773.00

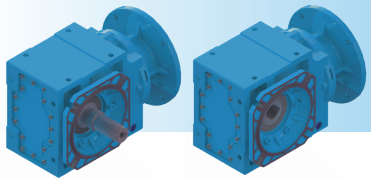


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	15	15	265	300	230	447.5	15	647.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	517	20	717	42	12	45.3
180/B5	5.5	10	19	300	350	250	517	20	717	48	14	51.8
200/B5	5.5	10	19	350	400	300	539	20	739	55	16	59.3
225/B5	5.5	10	19	400	450	350	592	24	792	60	18	64.4
250/B5	5.5	10	19	500	550	450	592	24	792	65	18	69.4

KN773.01

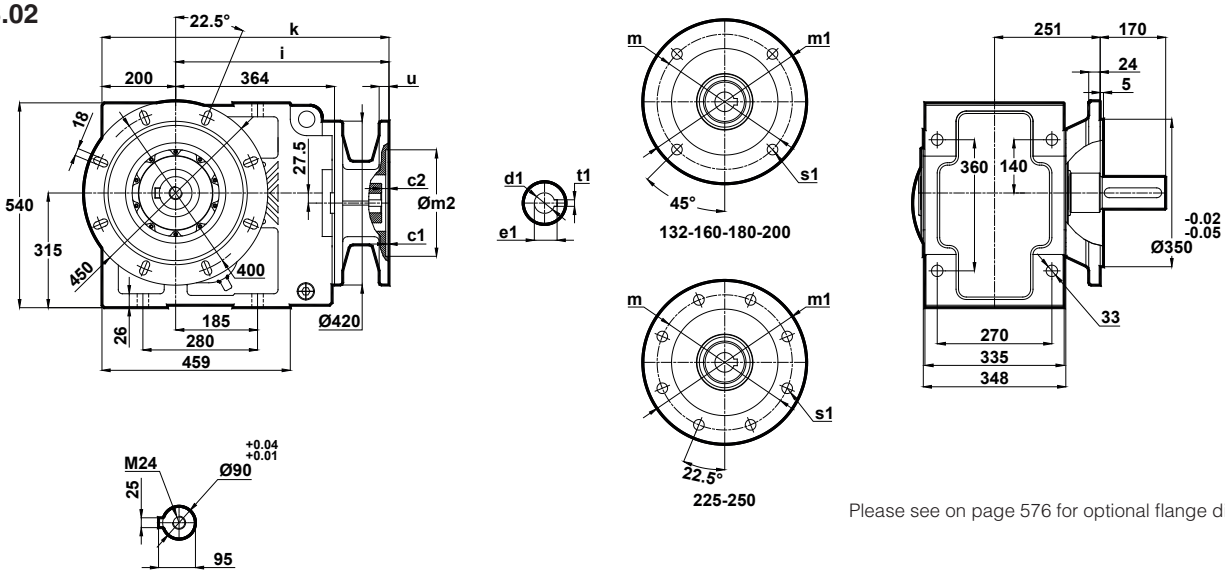


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	15	15	265	300	230	447.5	15	647.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	517	20	717	42	12	45.3
180/B5	5.5	10	19	300	350	250	517	20	717	48	14	51.8
200/B5	5.5	10	19	350	400	300	539	20	739	55	16	59.3
225/B5	5.5	10	19	400	450	350	592	24	792	60	18	64.4
250/B5	5.5	10	19	500	550	450	592	24	792	65	18	69.4



Tapped center hole to DIN 332, sheet 2

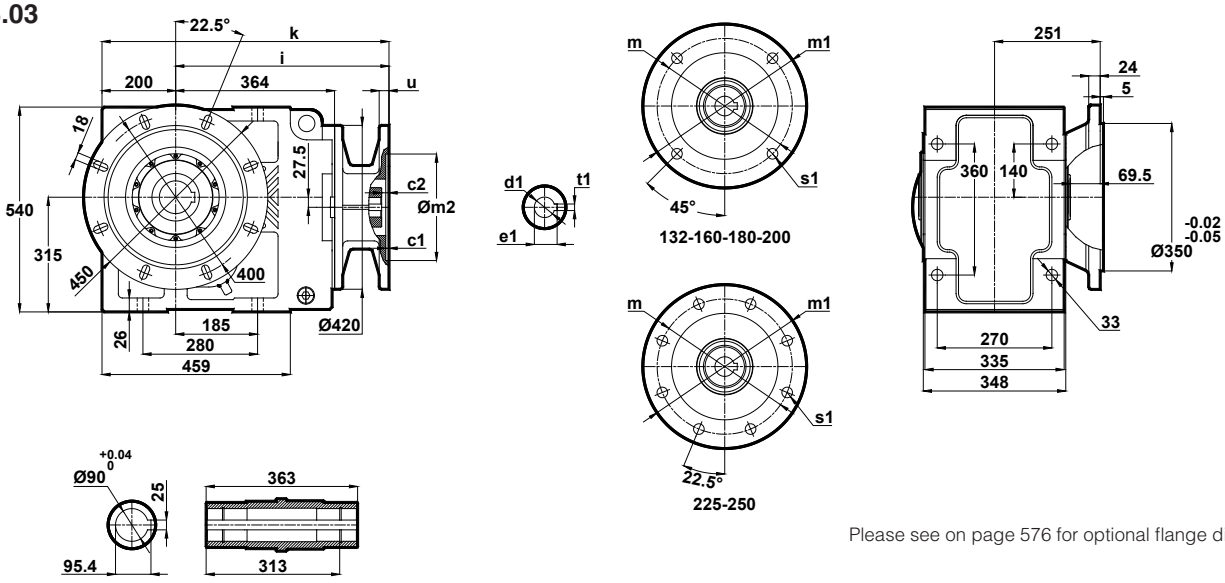
KN773.02



Please see on page 576 for optional flange dimensions

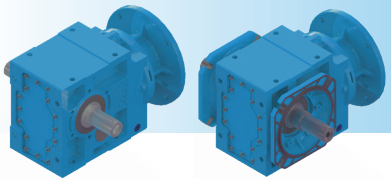
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	15	15	265	300	230	447.5	15	647.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	517	20	717	42	12	45.3
180/B5	5.5	10	19	300	350	250	517	20	717	48	14	51.8
200/B5	5.5	10	19	350	400	300	539	20	739	55	16	59.3
225/B5	5.5	10	19	400	450	350	592	24	792	60	18	64.4
250/B5	5.5	10	19	500	550	450	592	24	792	65	18	69.4

KN773.03



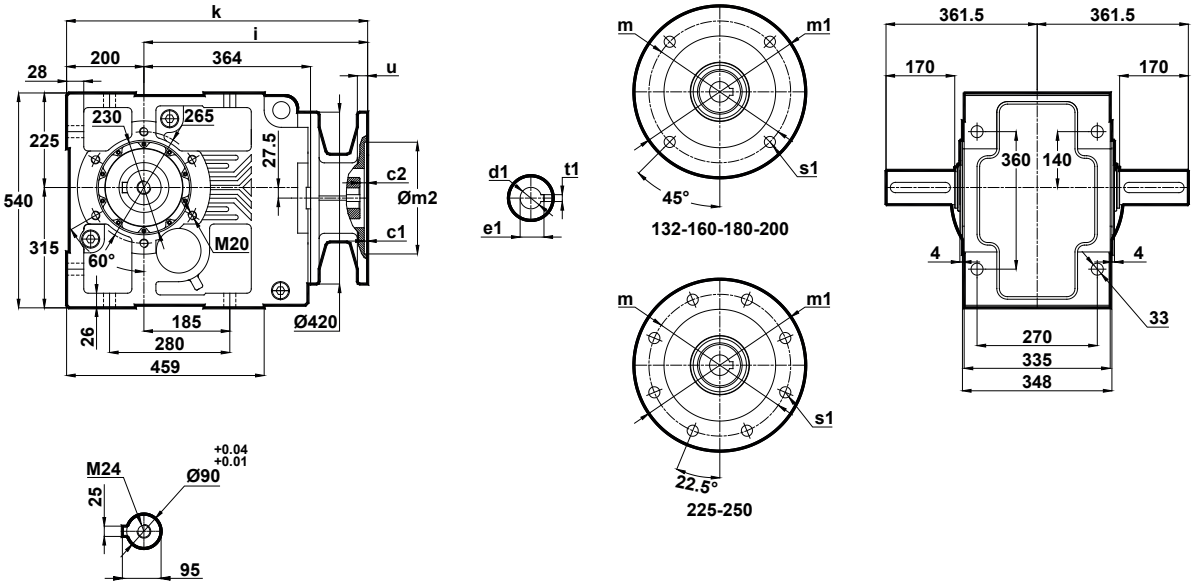
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	15	15	265	300	230	447.5	15	647.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	517	20	717	42	12	45.3
180/B5	5.5	10	19	300	350	250	517	20	717	48	14	51.8
200/B5	5.5	10	19	350	400	300	539	20	739	55	16	59.3
225/B5	5.5	10	19	400	450	350	592	24	792	60	18	64.4
250/B5	5.5	10	19	500	550	450	592	24	792	65	18	69.4



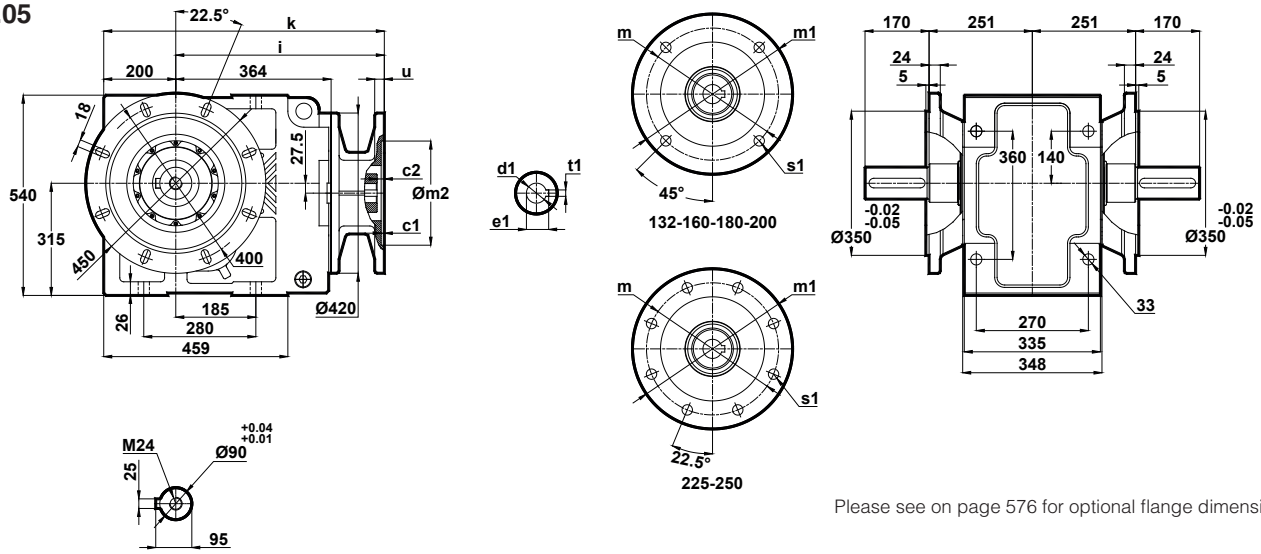
Tapped center hole to DIN 332, sheet 2

KN773.04



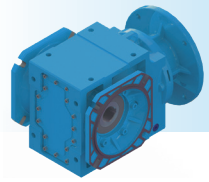
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	15	15	265	300	230	447.5	15	647.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	517	20	717	42	12	45.3
180/B5	5.5	10	19	300	350	250	517	20	717	48	14	51.8
200/B5	5.5	10	19	350	400	300	539	20	739	55	16	59.3
225/B5	5.5	10	19	400	450	350	592	24	792	60	18	64.4
250/B5	5.5	10	19	500	550	450	592	24	792	65	18	69.4

KN773.05



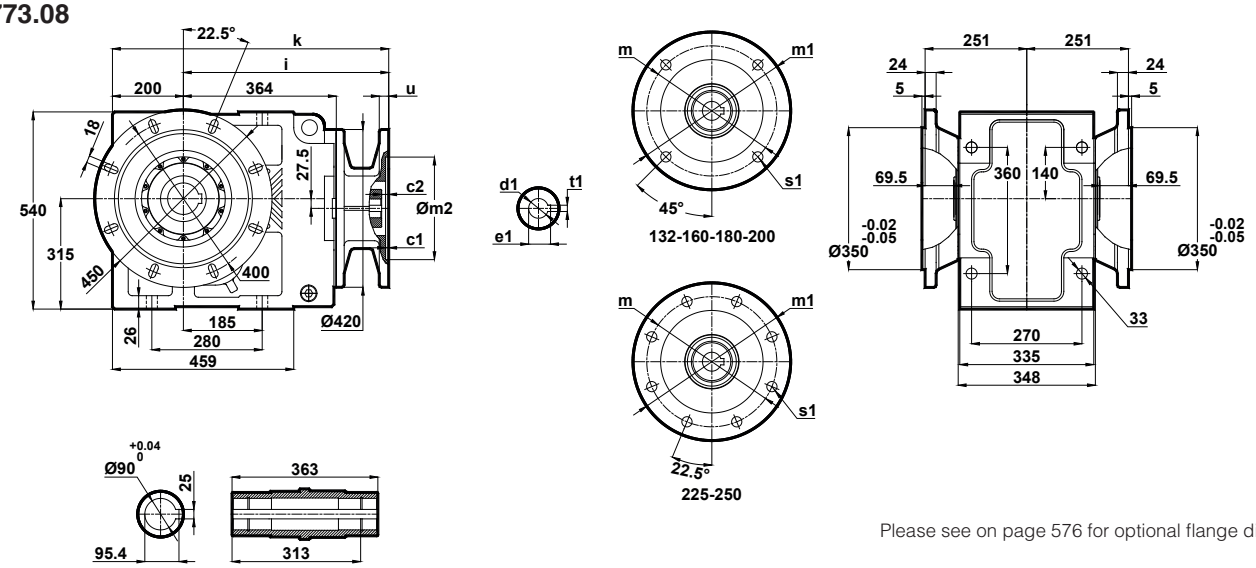
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	15	15	265	300	230	447.5	15	647.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	517	20	717	42	12	45.3
180/B5	5.5	10	19	300	350	250	517	20	717	48	14	51.8
200/B5	5.5	10	19	350	400	300	539	20	739	55	16	59.3
225/B5	5.5	10	19	400	450	350	592	24	792	60	18	64.4
250/B5	5.5	10	19	500	550	450	592	24	792	65	18	69.4



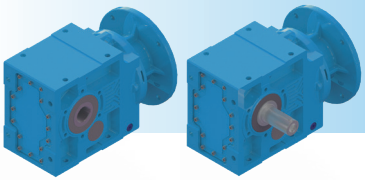
Tapped center hole to DIN 332, sheet 2

KN773.08



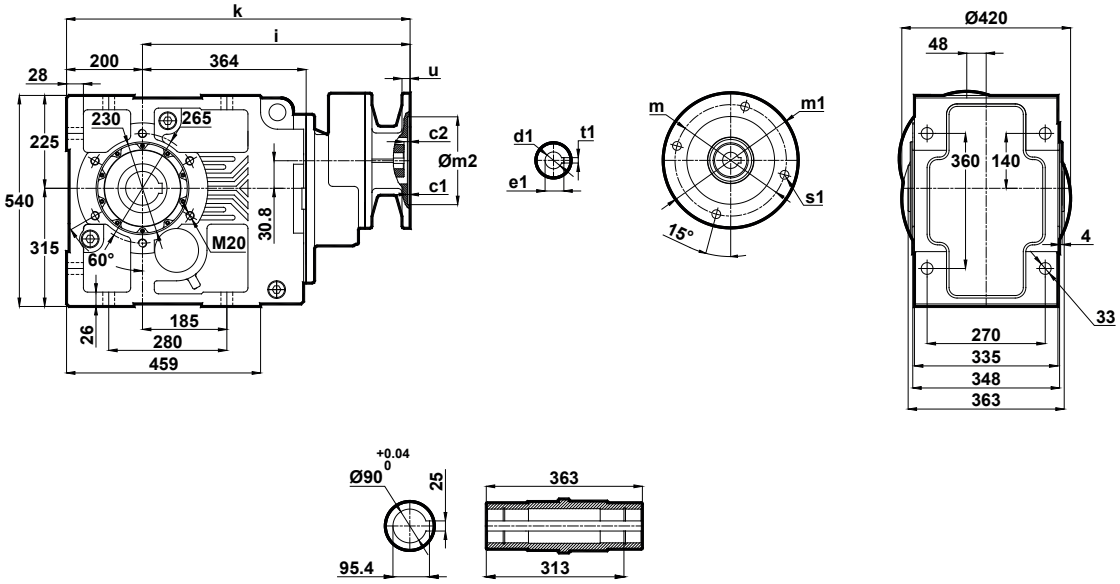
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	15	15	265	300	230	447.5	15	647.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	517	20	717	42	12	45.3
180/B5	5.5	10	19	300	350	250	517	20	717	48	14	51.8
200/B5	5.5	10	19	350	400	300	539	20	739	55	16	59.3
225/B5	5.5	10	19	400	450	350	592	24	792	60	18	64.4
250/B5	5.5	10	19	500	550	450	592	24	792	65	18	69.4



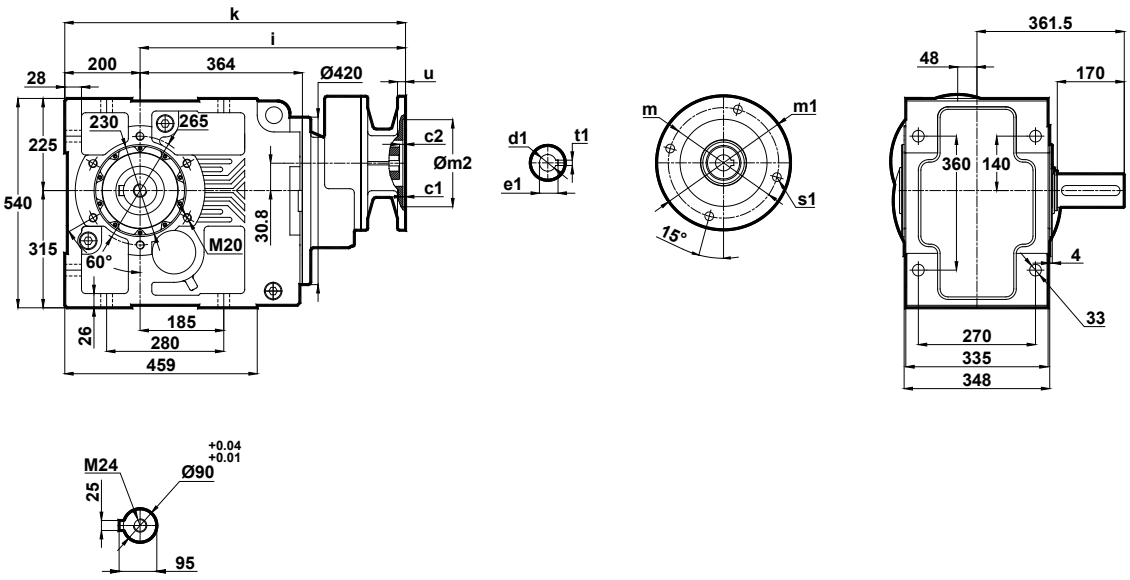
Tapped center hole to DIN 332, sheet 2

KN774.00

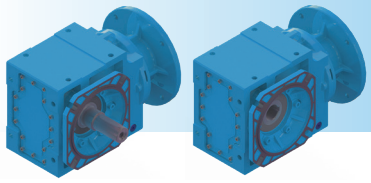


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
90/B5 90/B14	4	5	12 9	165 115	200 140	130 95	522.5	12	722.5	24	8	27.3
100/B5 100/B14	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
112/B5 112/B14	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
132/B5 132/B14	4.5	6	15 11	265 165	300 200	230 130	559.5	15	759.5	38	10	41.3

KN774.01

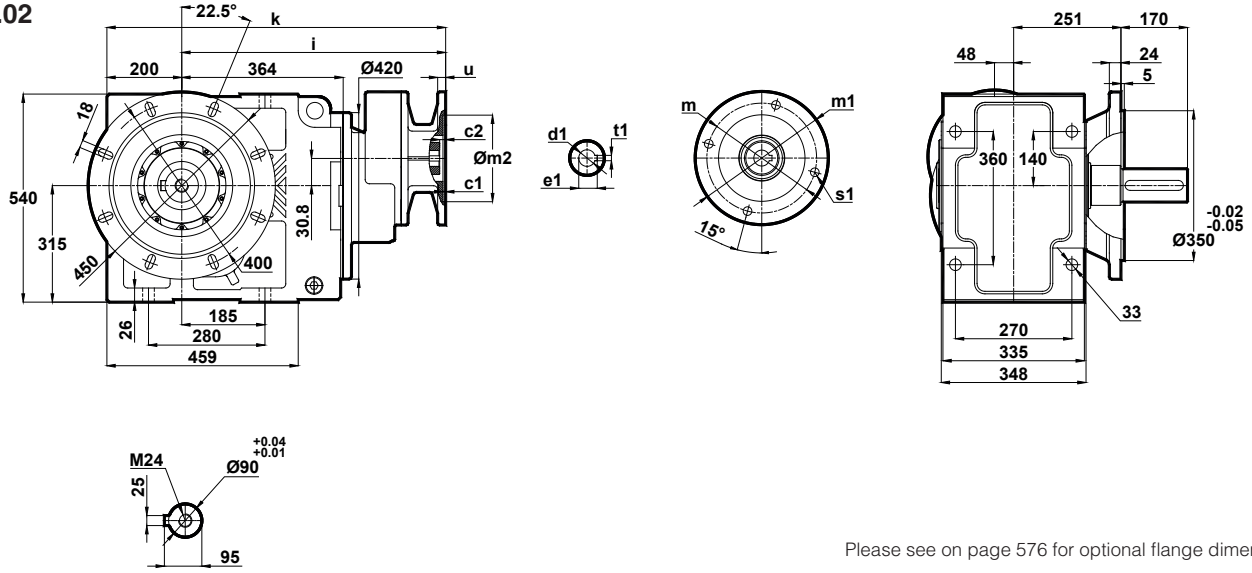


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
90/B5 90/B14	4	5	12 9	165 115	200 140	130 95	522.5	12	722.5	24	8	27.3
100/B5 100/B14	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
112/B5 112/B14	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
132/B5 132/B14	4.5	6	15 11	265 165	300 200	230 130	559.5	15	759.5	38	10	41.3



Tapped center hole to DIN 332, sheet 2

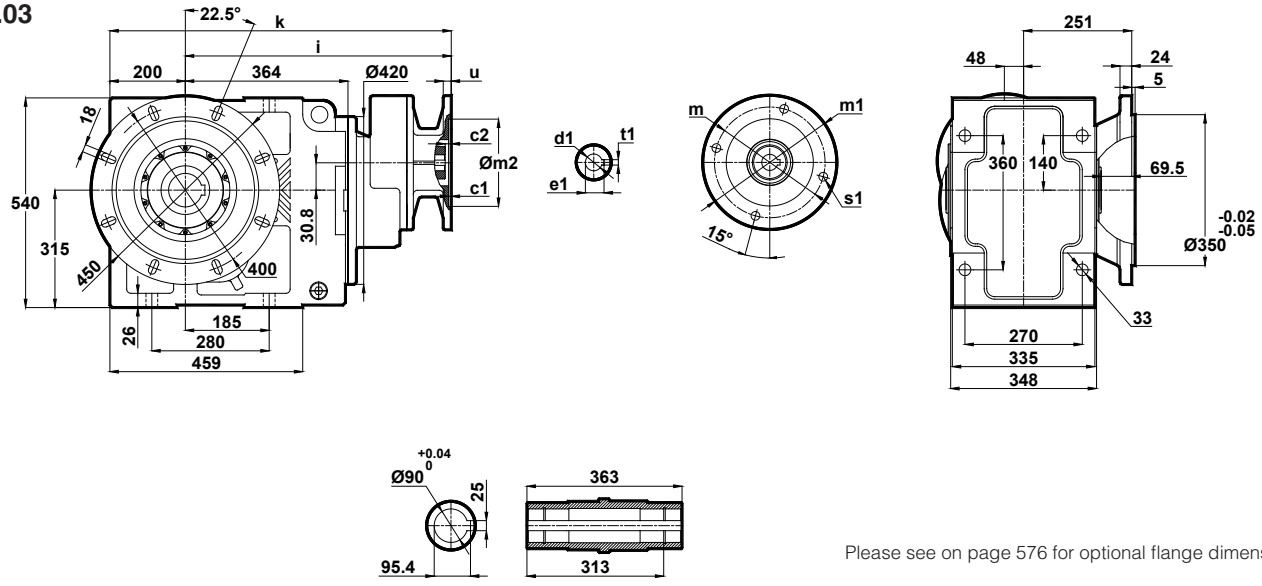
KN774.02



Please see on page 576 for optional flange dimensions

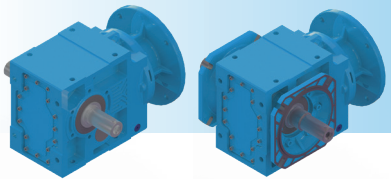
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	522.5	12	722.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	559.5	15	759.5	38	10	41.3

KN774.03



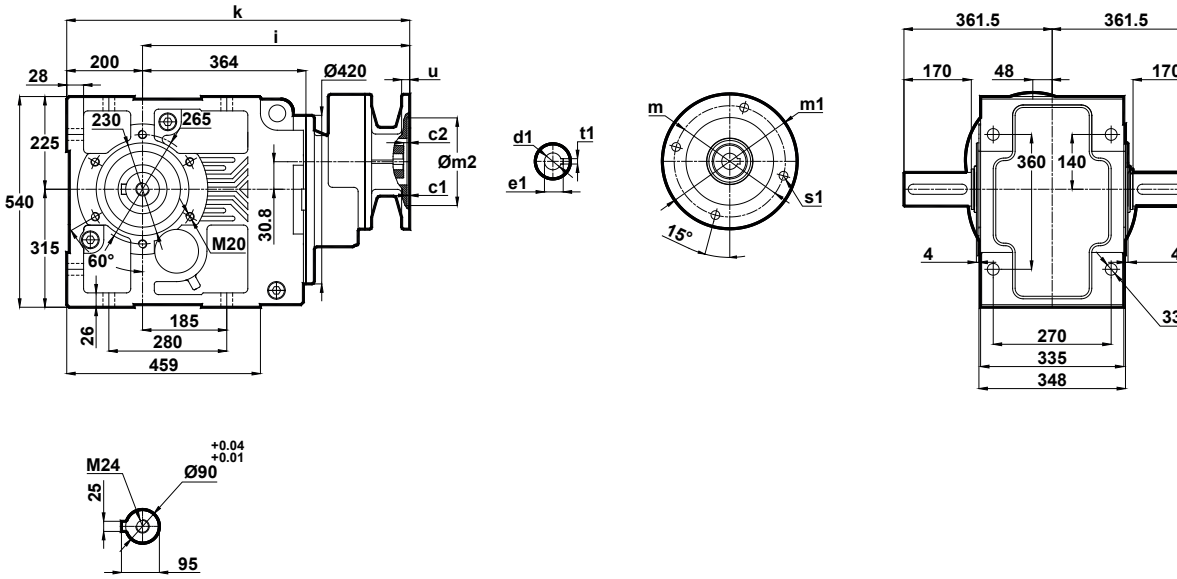
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	522.5	12	722.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	559.5	15	759.5	38	10	41.3



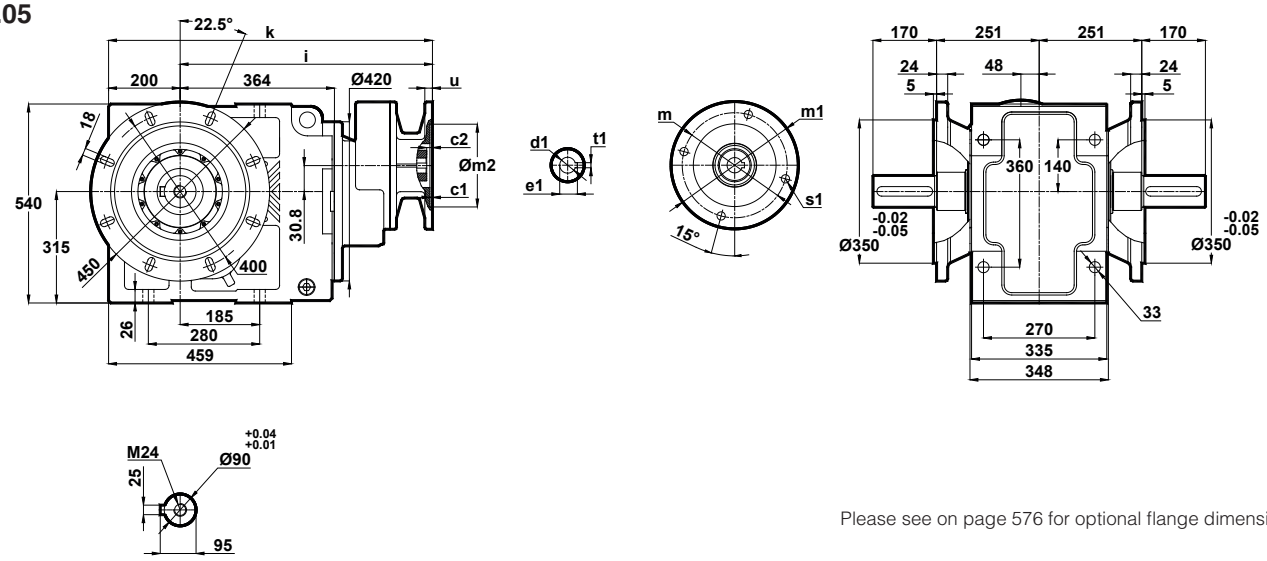
Tapped center hole to DIN 332, sheet 2

KN774.04



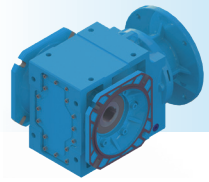
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	522.5	12	722.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	559.5	15	759.5	38	10	41.3

KN774.05



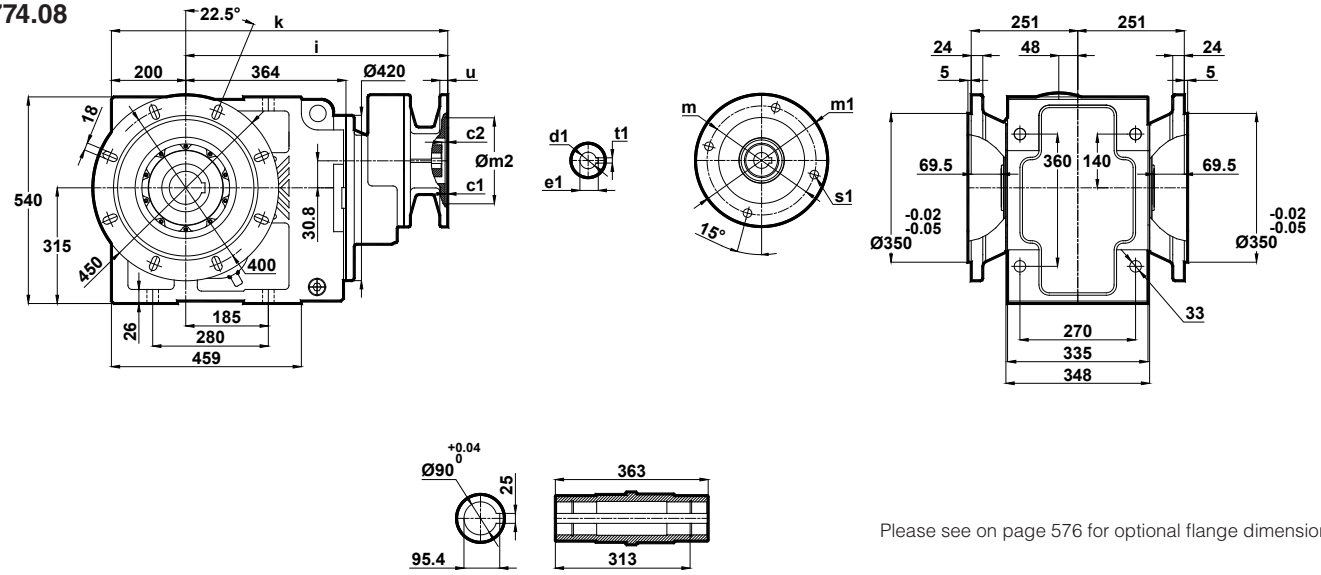
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	522.5	12	722.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	559.5	15	759.5	38	10	41.3



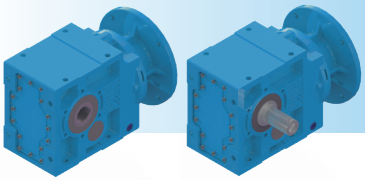
Tapped center hole to DIN 332, sheet 2

KN774.08



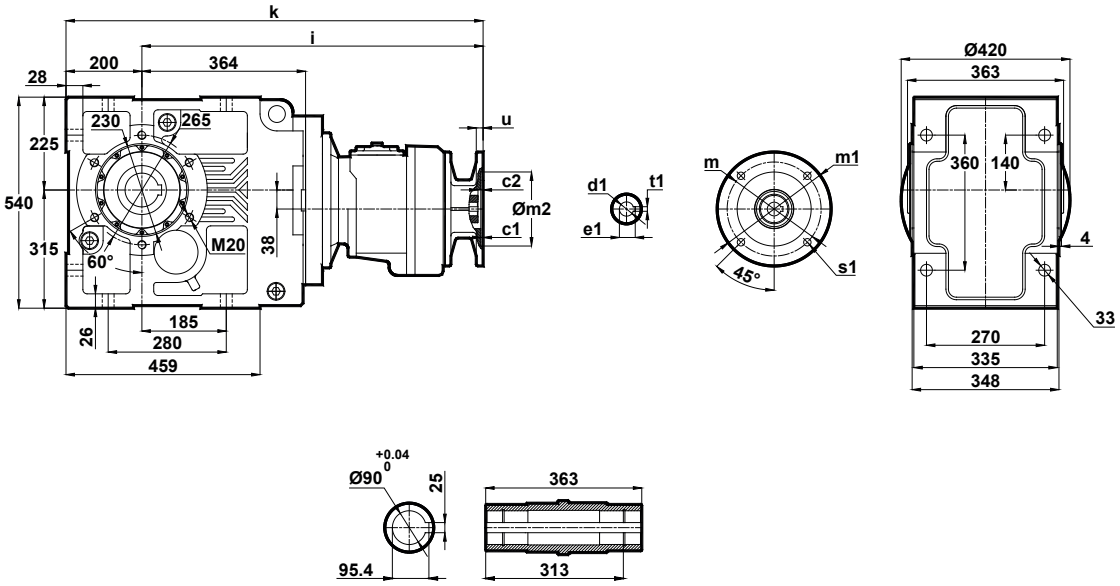
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
90/B5 **90/B14**	4 	5	12 9	165 115	200 140	130 95	522.5	12	722.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	541	15	741	28	8	31.3
132/B5 **132/B14**	4.5	6	15 11	265 165	300 200	230 130	559.5	15	759.5	38	10	41.3



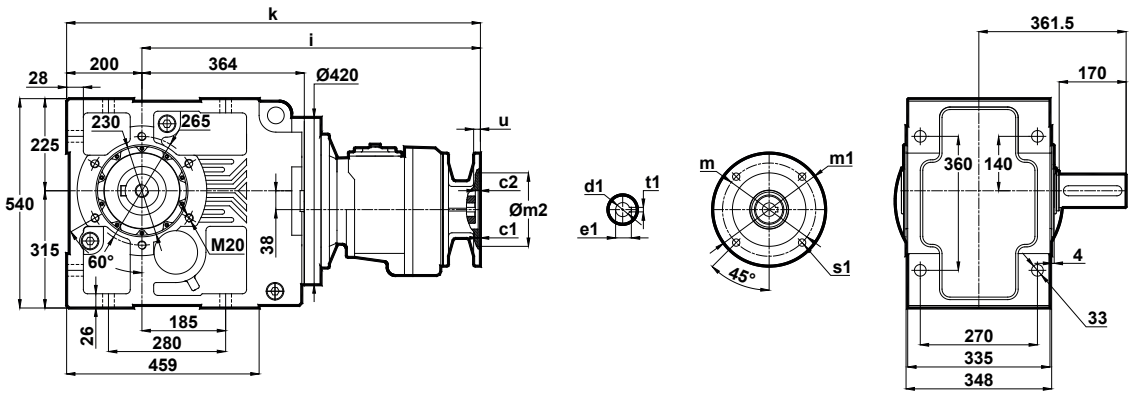
Tapped center hole to DIN 332, sheet 2

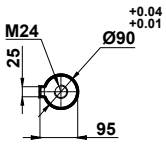
KN775.00
KN776.00



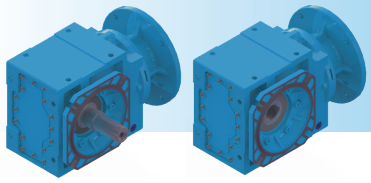
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	673.5	12	873.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	673.5	12	873.5	19	6	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 90	673.5	12	873.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	690.5	15	890.5	28	8	31.3

KN775.01
KN776.01



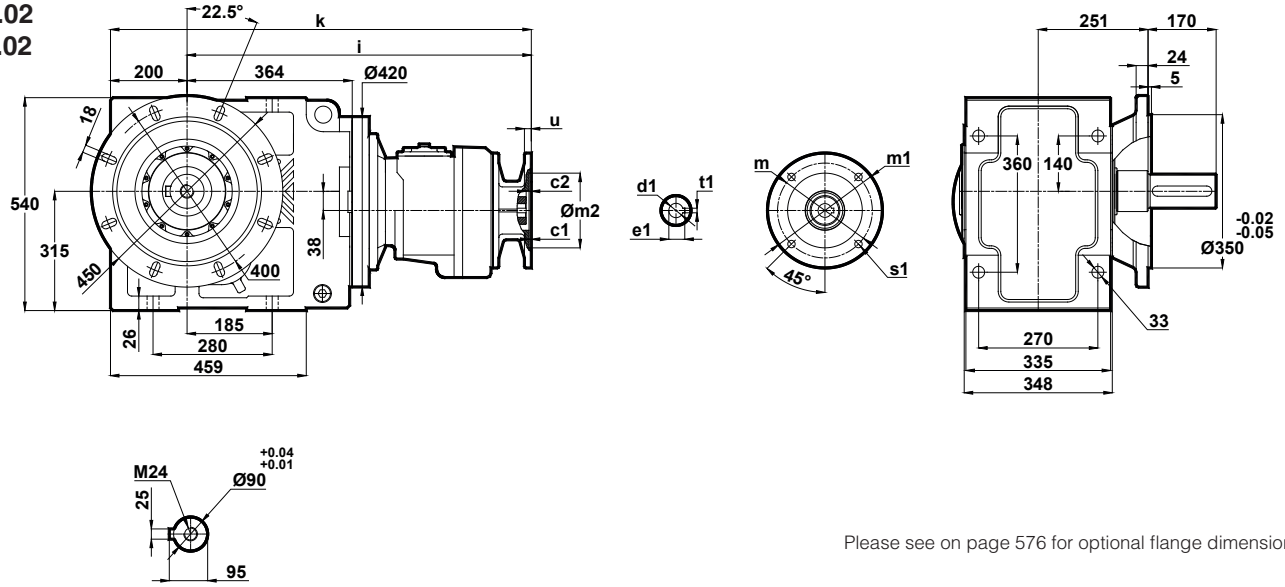


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	673.5	12	873.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	673.5	12	873.5	19	6	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 90	673.5	12	873.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	690.5	15	890.5	28	8	31.3



Tapped center hole to DIN 332, sheet 2

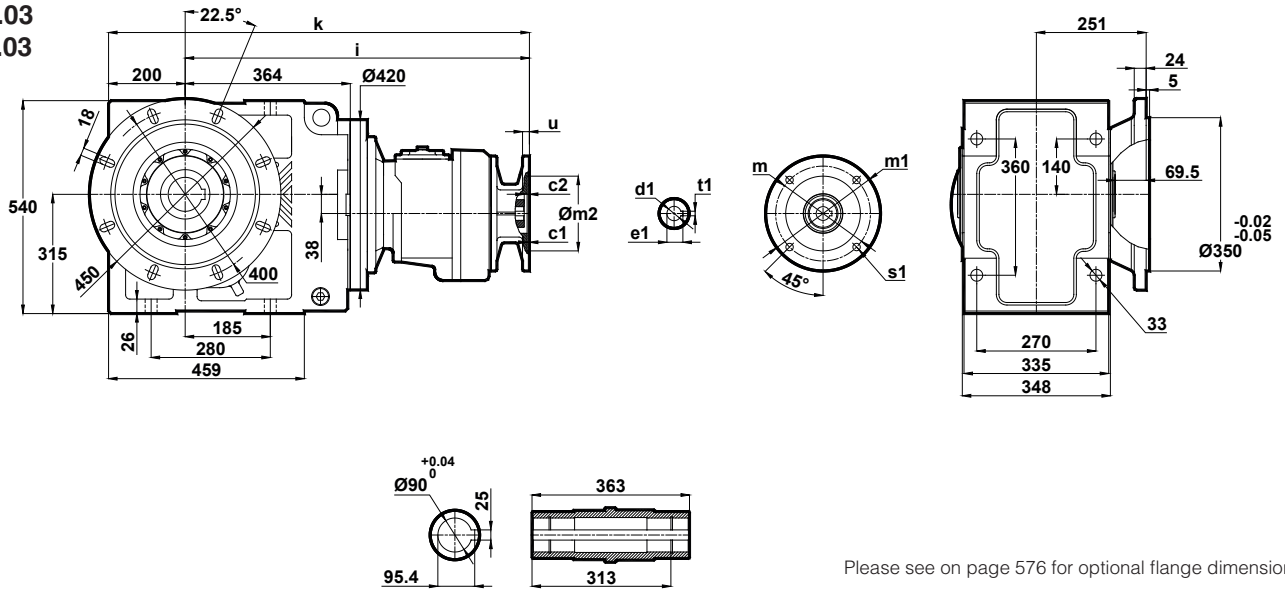
KN775.02
KN776.02



Please see on page 576 for optional flange dimensions

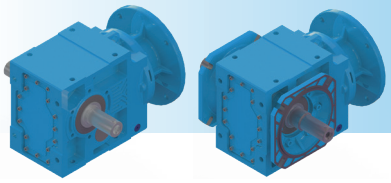
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	673.5	12	873.5	14	5	16.3
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	673.5	12	873.5	19	6	21.8
90/B5 90/B14	4	9	12 9	165 115	200 140	130 90	673.5	12	873.5	24	8	27.3
100/B5 100/B14	4.5 4	9	15 9	215 130	250 160	180 110	690.5	15	890.5	28	8	31.3

KN775.03
KN776.03



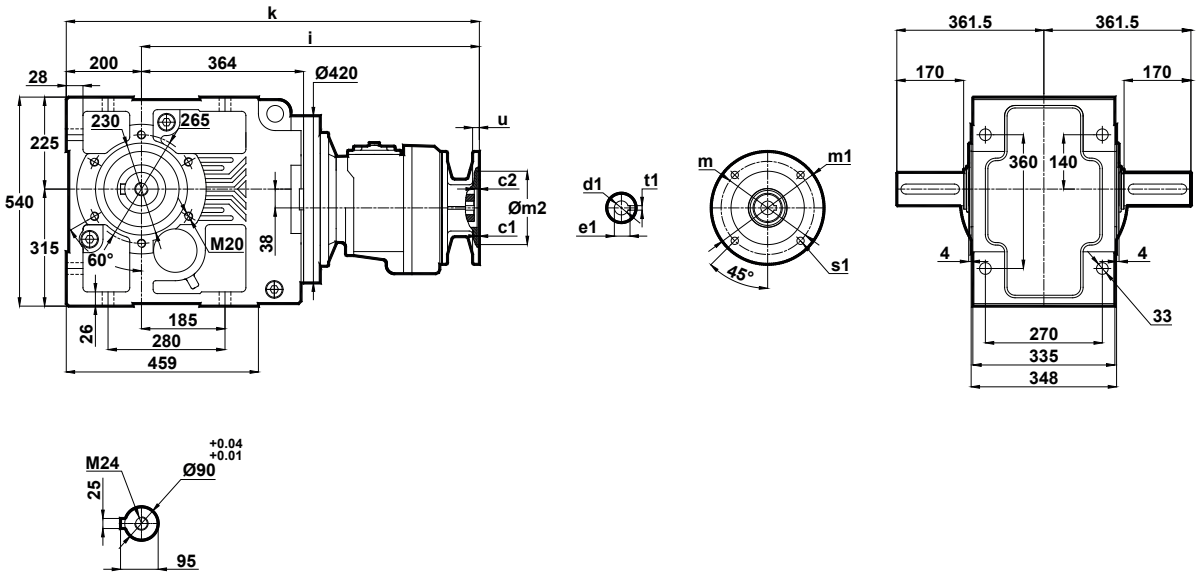
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	673.5	12	873.5	14	5	16.3
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	673.5	12	873.5	19	6	21.8
90/B5 90/B14	4	9	12 9	165 115	200 140	130 90	673.5	12	873.5	24	8	27.3
100/B5 100/B14	4.5 4	9	15 9	215 130	250 160	180 110	690.5	15	890.5	28	8	31.3



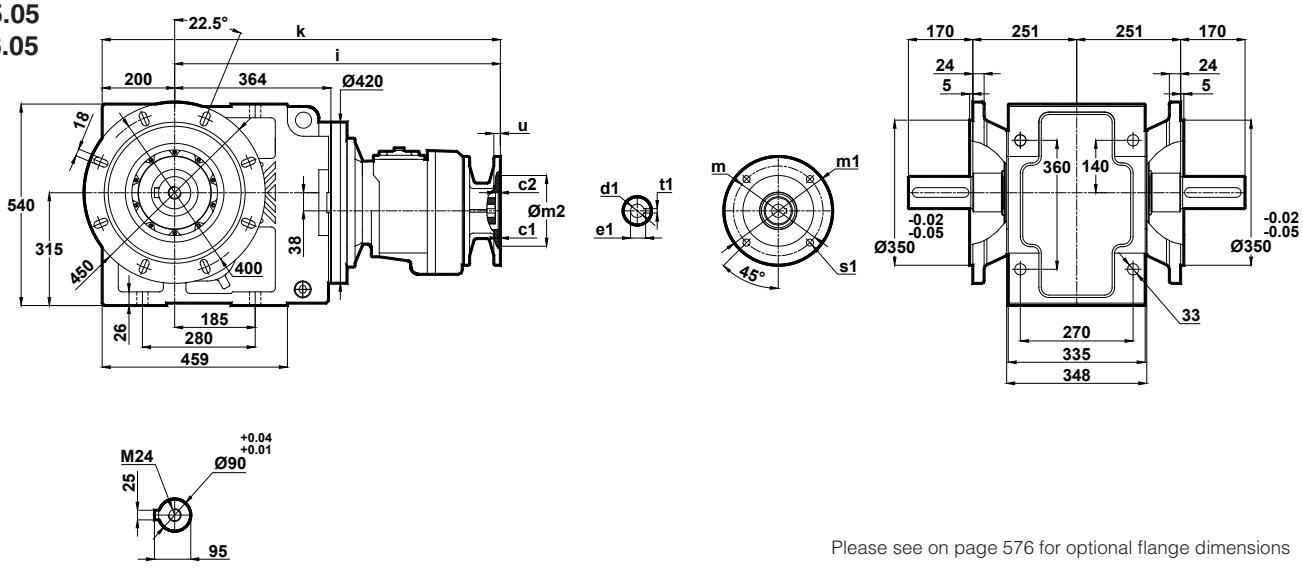
Tapped center hole to DIN 332, sheet 2

KN775.04
KN776.04



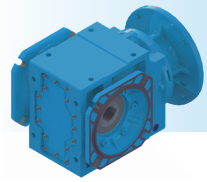
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	673.5	12	873.5	14	5	16.3
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	673.5	12	873.5	19	6	21.8
90/B5 90/B14	4	9	12 9	165 115	200 140	130 90	673.5	12	873.5	24	8	27.3
100/B5 100/B14	4.5 4	9	15 9	215 130	250 160	180 110	690.5	15	890.5	28	8	31.3

KN775.05
KN776.05



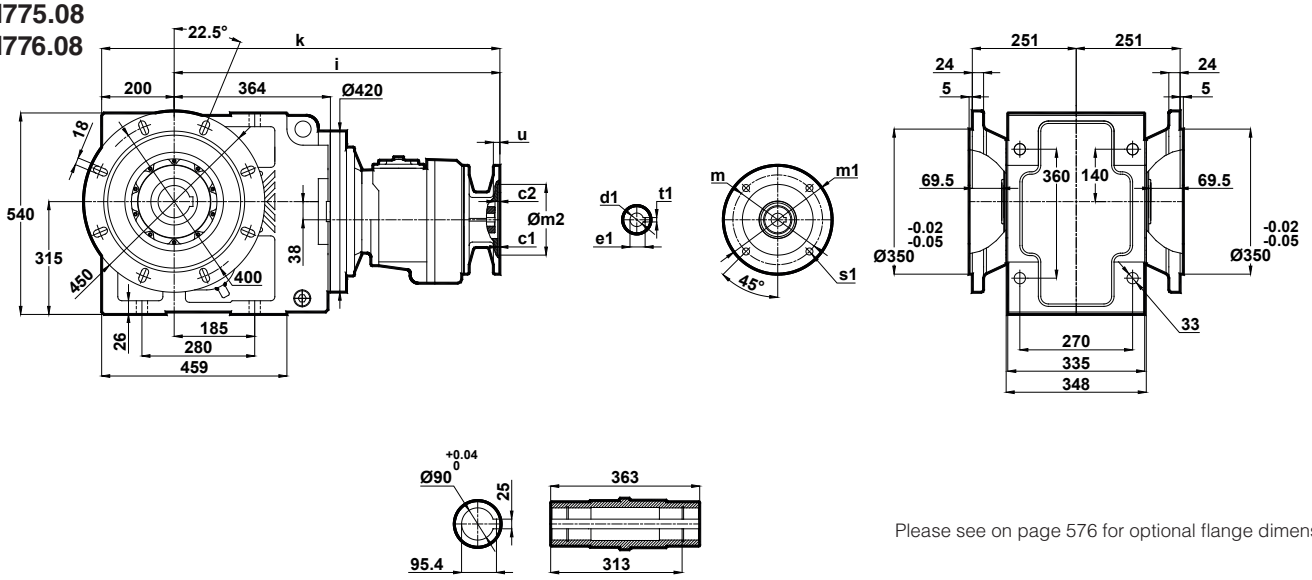
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	673.5	12	873.5	14	5	16.3
80/B5 80/B14	4	9	12 7	165 100	200 120	130 80	673.5	12	873.5	19	6	21.8
90/B5 90/B14	4	9	12 9	165 115	200 140	130 90	673.5	12	873.5	24	8	27.3
100/B5 100/B14	4.5 4	9	15 9	215 130	250 160	180 110	690.5	15	890.5	28	8	31.3



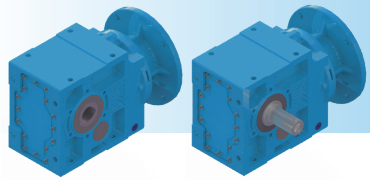
Tapped center hole to DIN 332, sheet 2

KN775.08
KN776.08



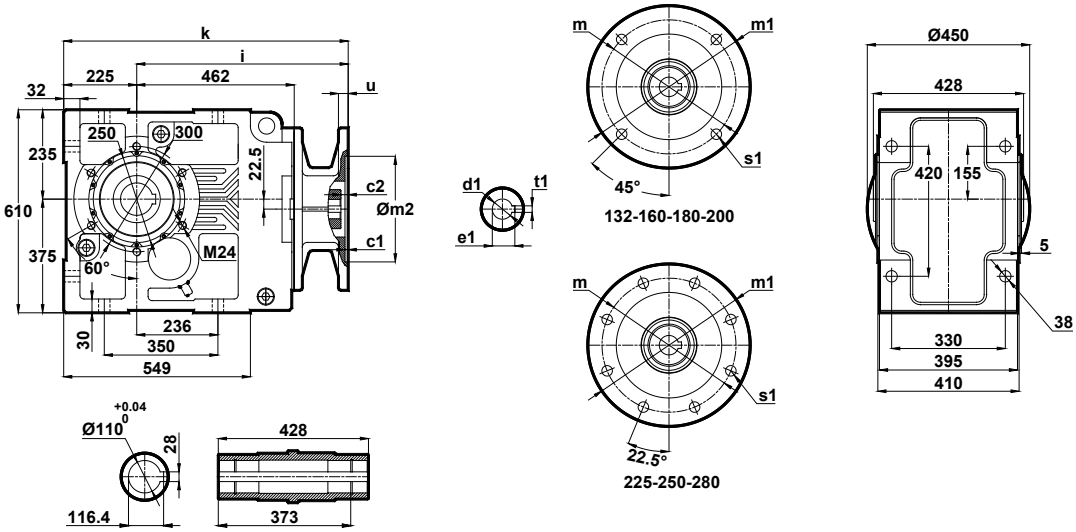
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	673.5	12	873.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	673.5	12	873.5	19	6	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 90	673.5	12	873.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	690.5	15	890.5	28	8	31.3



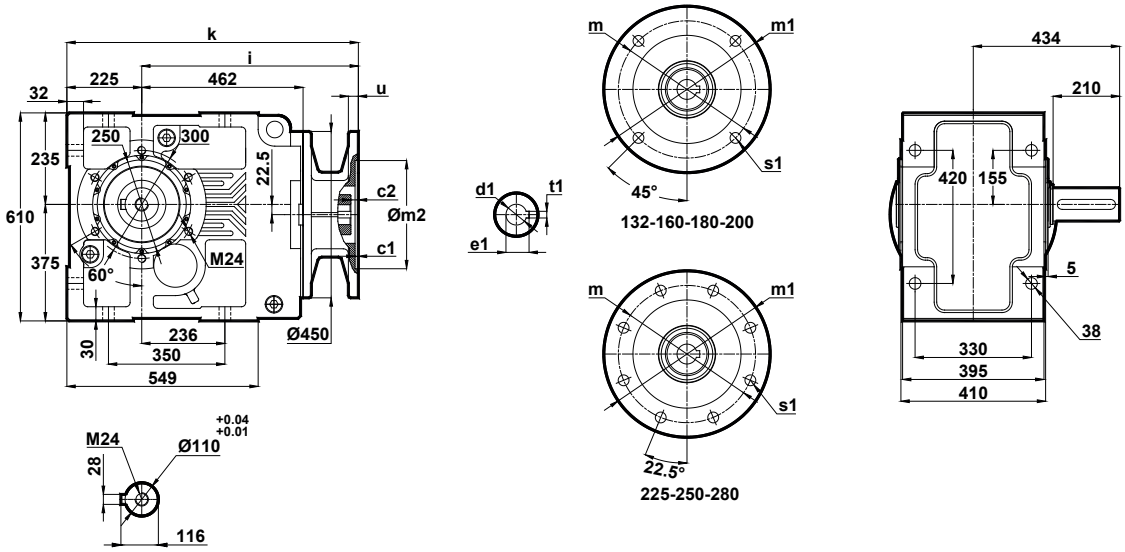
Tapped center hole to DIN 332, sheet 2

KN873.00

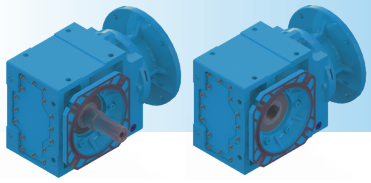


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	14	15	265	300	230	532.5	15	757.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	680	20	905	42	12	45.3
180/B5	5.5	10	19	300	350	250	680	20	905	48	14	51.8
200/B5	5.5	10	19	350	400	300	680	22	905	55	16	59.3
225/B5	5.5	10	19	400	450	350	680	24	905	60	18	64.4
250/B5	5.5	10	19	500	550	450	680	24	905	65	18	69.4
280/B5	5.5	10	19	500	550	450	680	24	905	75	20	79.9

KN873.01

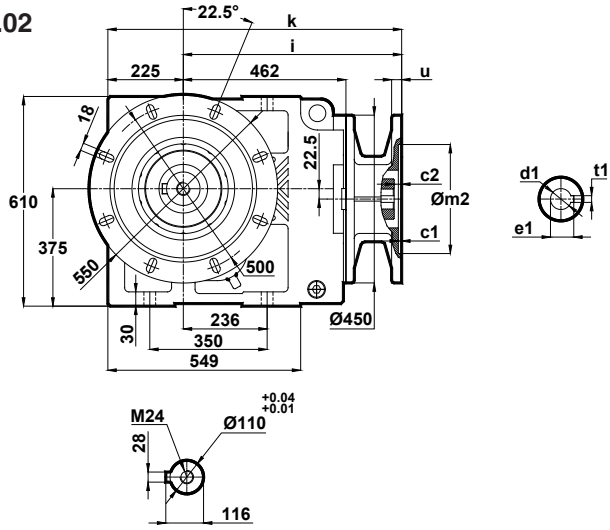


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	14	15	265	300	230	532.5	15	757.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	680	20	905	42	12	45.3
180/B5	5.5	10	19	300	350	250	680	20	905	48	14	51.8
200/B5	5.5	10	19	350	400	300	680	22	905	55	16	59.3
225/B5	5.5	10	19	400	450	350	680	24	905	60	18	64.4
250/B5	5.5	10	19	500	550	450	680	24	905	65	18	69.4
280/B5	5.5	10	19	500	550	450	680	24	905	75	20	79.9



Tapped center hole to DIN 332, sheet 2

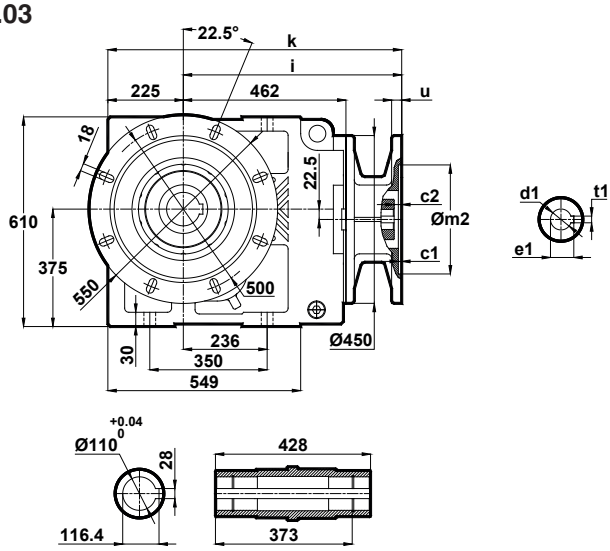
KN873.02



Please see on page 576 for optional flange dimensions

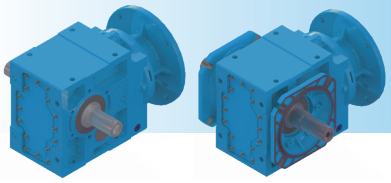
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	14	15	265	300	230	532.5	15	757.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	680	20	905	42	12	45.3
180/B5	5.5	10	19	300	350	250	680	20	905	48	14	51.8
200/B5	5.5	10	19	350	400	300	680	22	905	55	16	59.3
225/B5	5.5	10	19	400	450	350	680	24	905	60	18	64.4
250/B5	5.5	10	19	500	550	450	680	24	905	65	18	69.4
280/B5	5.5	10	19	500	550	450	680	24	905	75	20	79.9

KN873.03



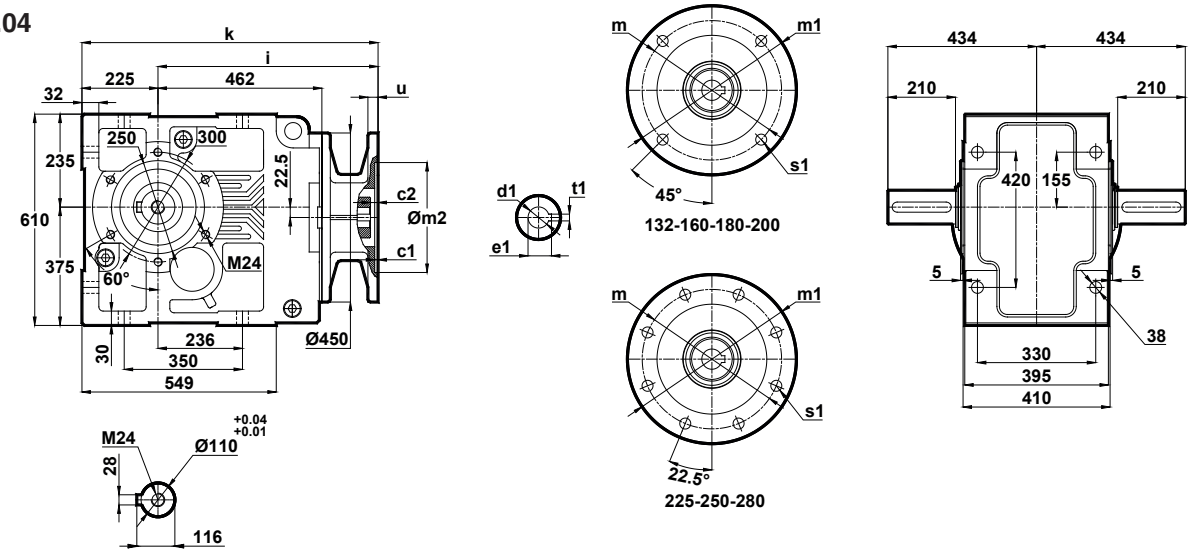
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	14	15	265	300	230	532.5	15	757.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	680	20	905	42	12	45.3
180/B5	5.5	10	19	300	350	250	680	20	905	48	14	51.8
200/B5	5.5	10	19	350	400	300	680	22	905	55	16	59.3
225/B5	5.5	10	19	400	450	350	680	24	905	60	18	64.4
250/B5	5.5	10	19	500	550	450	680	24	905	65	18	69.4
280/B5	5.5	10	19	500	550	450	680	24	905	75	20	79.9



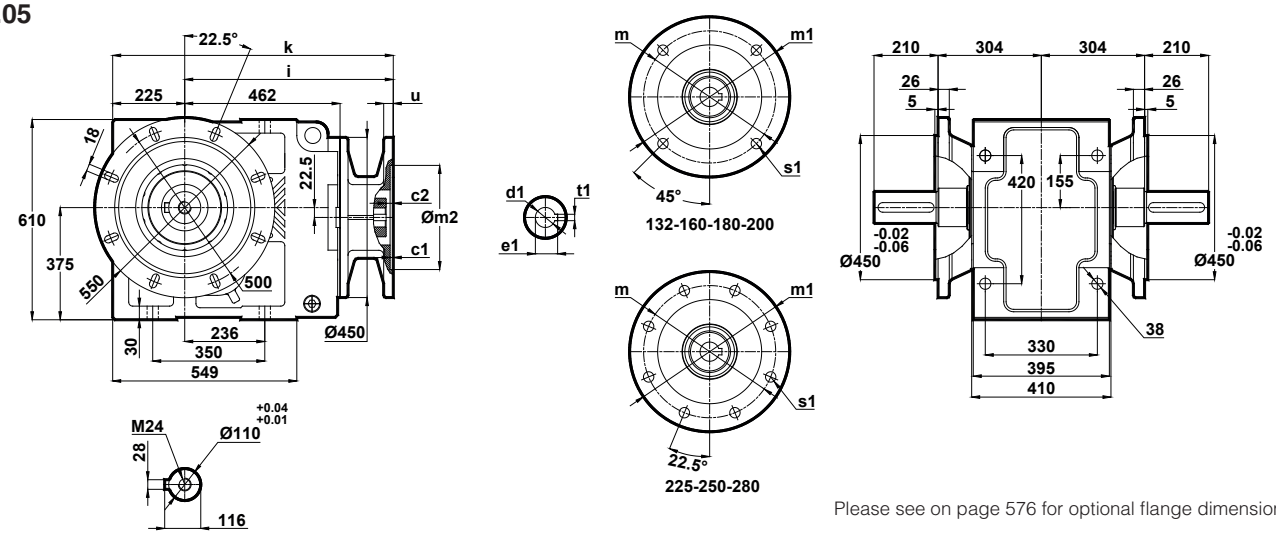
Tapped center hole to DIN 332, sheet 2

KN873.04



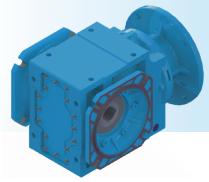
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	14	15	265	300	230	532.5	15	757.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	680	20	905	42	12	45.3
180/B5	5.5	10	19	300	350	250	680	20	905	48	14	51.8
200/B5	5.5	10	19	350	400	300	680	22	905	55	16	59.3
225/B5	5.5	10	19	400	450	350	680	24	905	60	18	64.4
250/B5	5.5	10	19	500	550	450	680	24	905	65	18	69.4
280/B5	5.5	10	19	500	550	450	680	24	905	75	20	79.9

KN873.05



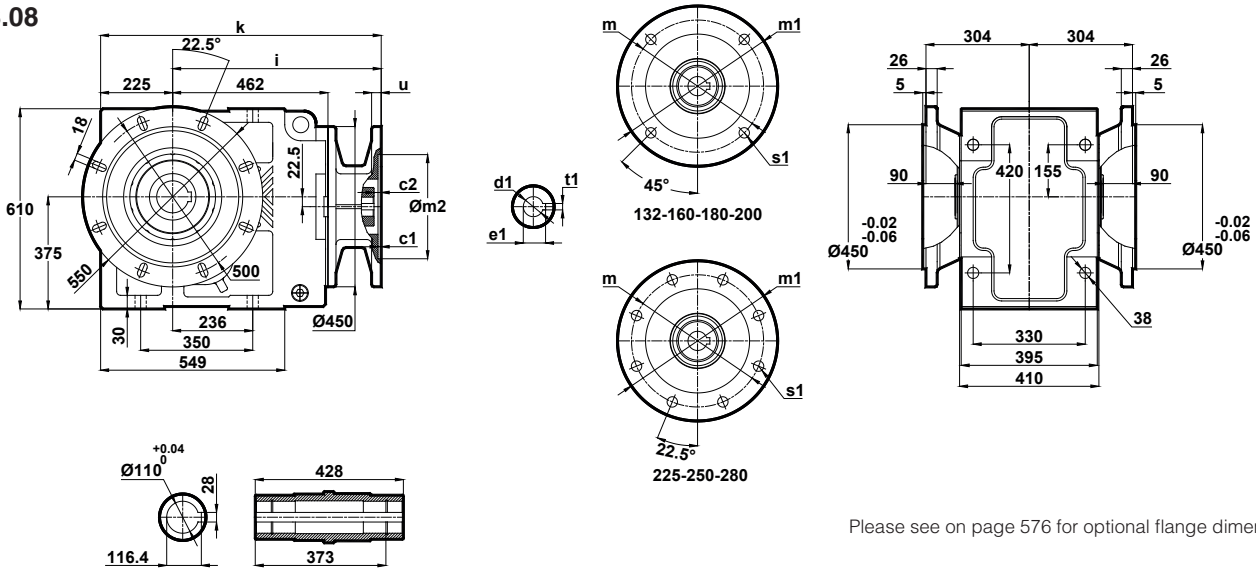
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	14	15	265	300	230	532.5	15	757.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	680	20	905	42	12	45.3
180/B5	5.5	10	19	300	350	250	680	20	905	48	14	51.8
200/B5	5.5	10	19	350	400	300	680	22	905	55	16	59.3
225/B5	5.5	10	19	400	450	350	680	24	905	60	18	64.4
250/B5	5.5	10	19	500	550	450	680	24	905	65	18	69.4
280/B5	5.5	10	19	500	550	450	680	24	905	75	20	79.9



Tapped center hole to DIN 332, sheet 2

KN873.08

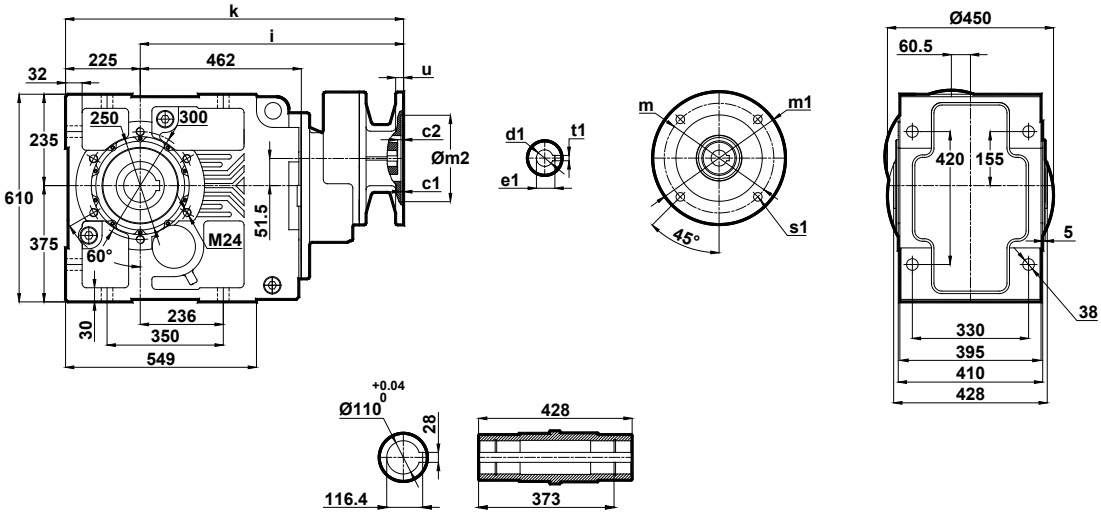


Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
132/B5	4.5	14	15	265	300	230	532.5	15	757.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	680	20	905	42	12	45.3
180/B5	5.5	10	19	300	350	250	680	20	905	48	14	51.8
200/B5	5.5	10	19	350	400	300	680	22	905	55	16	59.3
225/B5	5.5	10	19	400	450	350	680	24	905	60	18	64.4
250/B5	5.5	10	19	500	550	450	680	24	905	65	18	69.4
280/B5	5.5	10	19	500	550	450	680	24	905	75	20	79.9

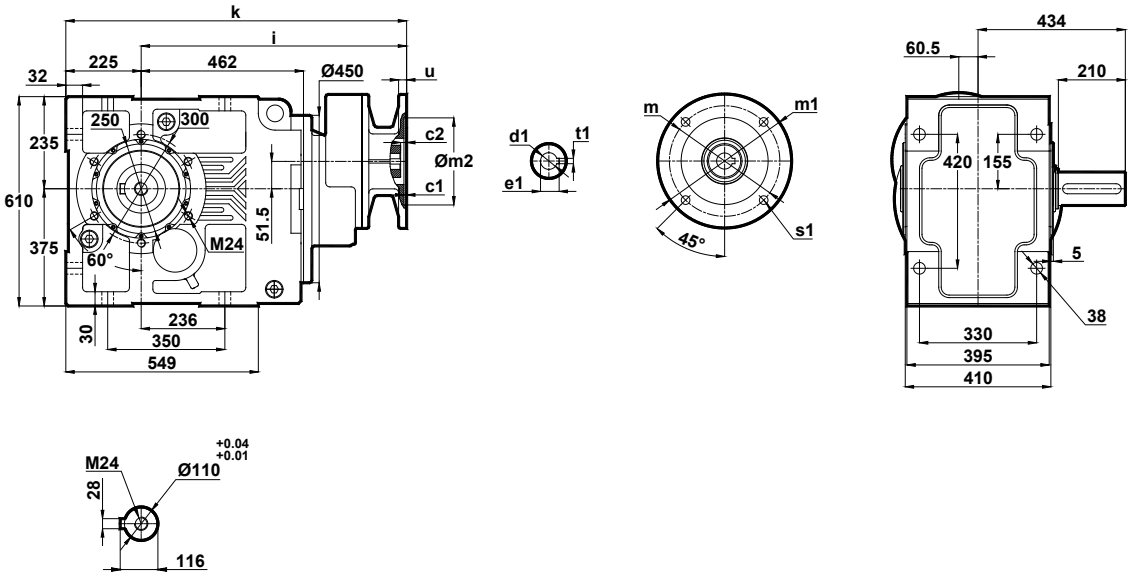
Tapped center hole to DIN 332, sheet 2

KN874.00

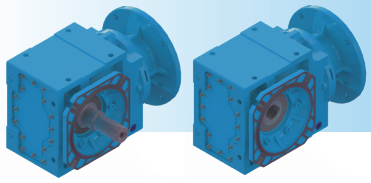


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
112/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	673.5	15	898.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	749	18	974	42	12	45.3
180/B5	5.5	10	19	300	350	250	749	18	974	48	14	51.8

KN874.01

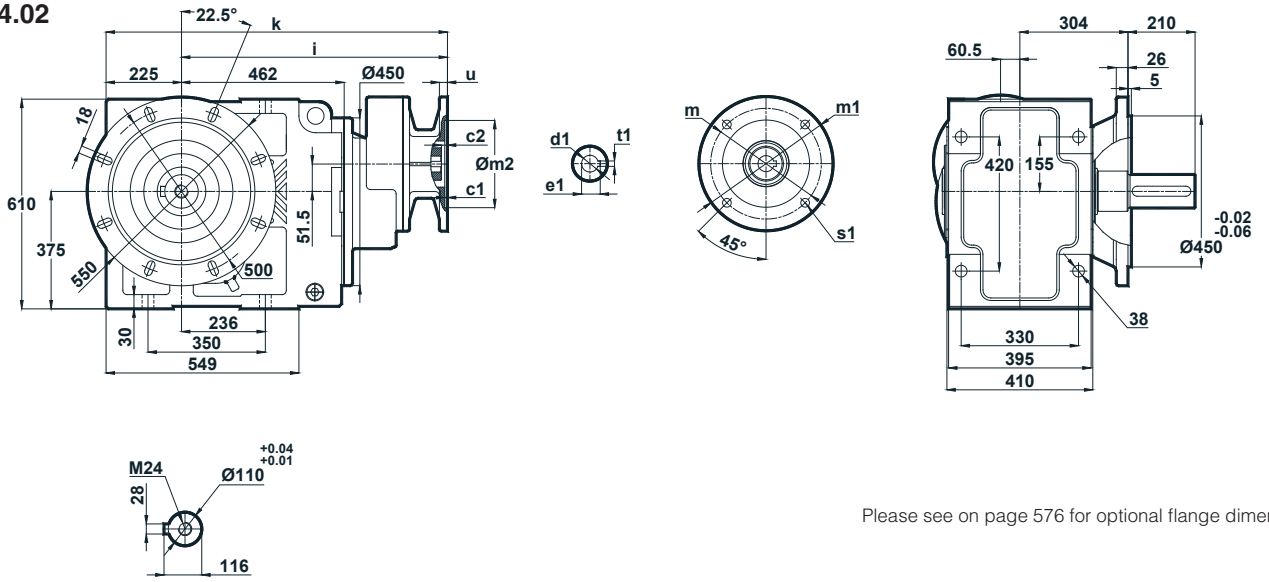


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
112/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	673.5	15	898.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	749	18	974	42	12	45.3
180/B5	5.5	10	19	300	350	250	749	18	974	48	14	51.8



Tapped center hole to DIN 332, sheet 2

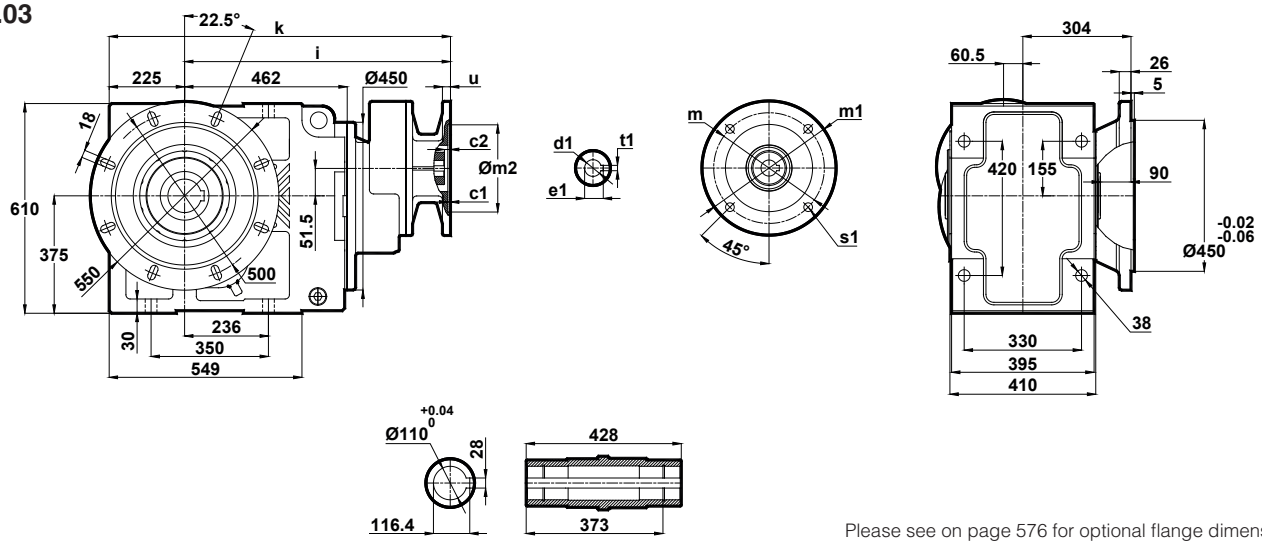
KN874.02



Please see on page 576 for optional flange dimensions

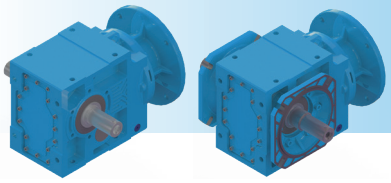
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
112/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	673.5	15	898.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	749	18	974	42	12	45.3
180/B5	5.5	10	19	300	350	250	749	18	974	48	14	51.8

KN874.03



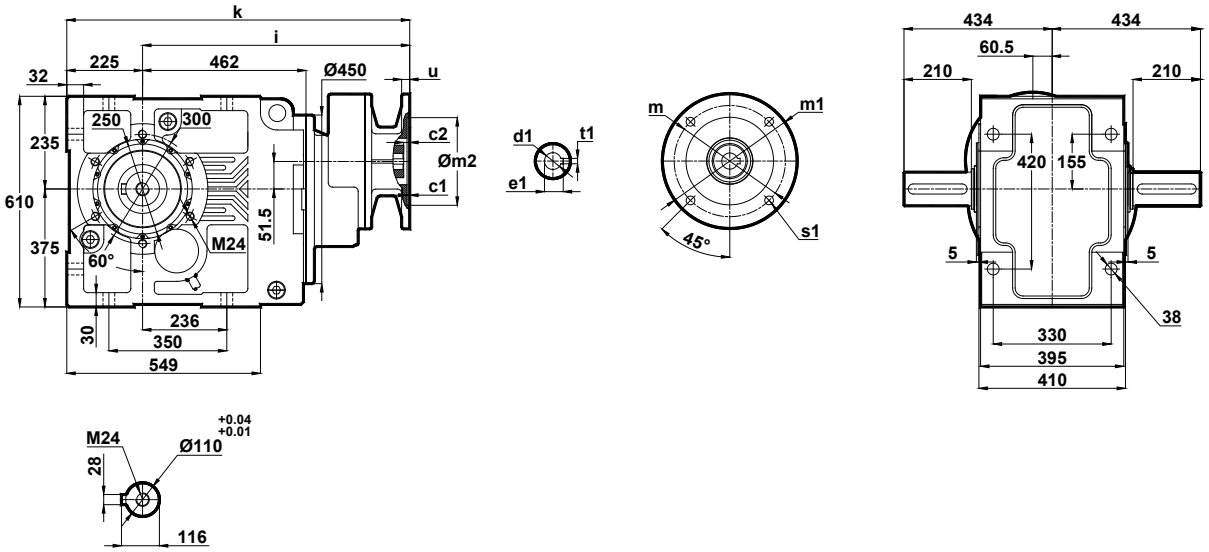
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
112/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	673.5	15	898.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	749	18	974	42	12	45.3
180/B5	5.5	10	19	300	350	250	749	18	974	48	14	51.8



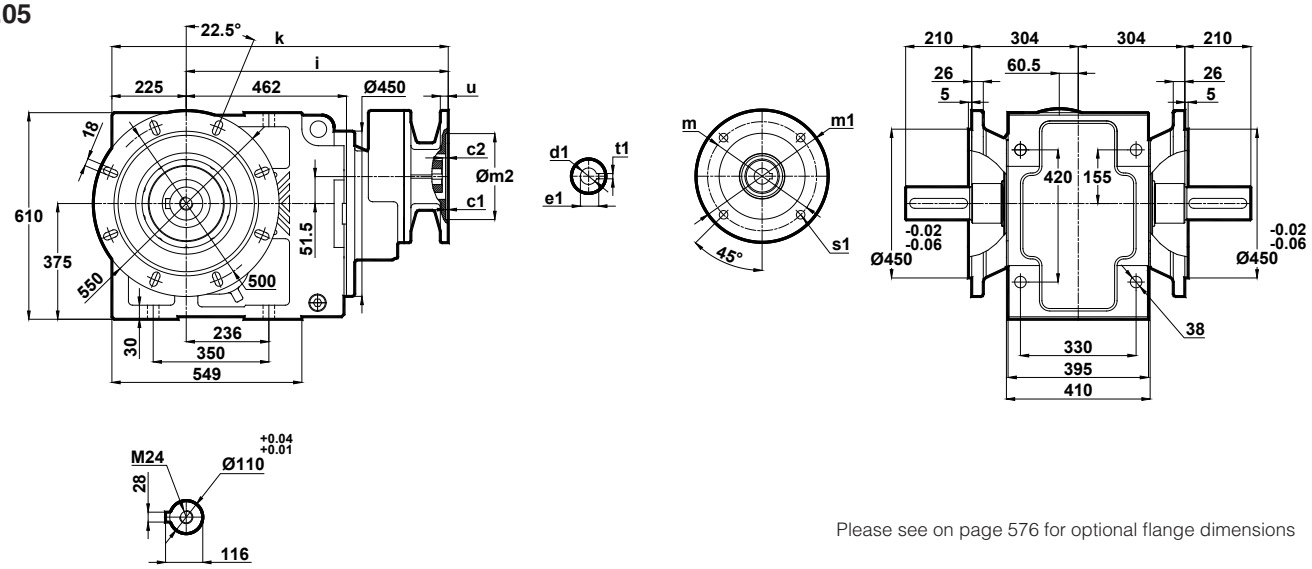
Tapped center hole to DIN 332, sheet 2

KN874.04



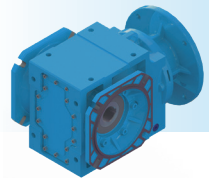
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
112/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	673.5	15	898.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	749	18	974	42	12	45.3
180/B5	5.5	10	19	300	350	250	749	18	974	48	14	51.8

KN874.05



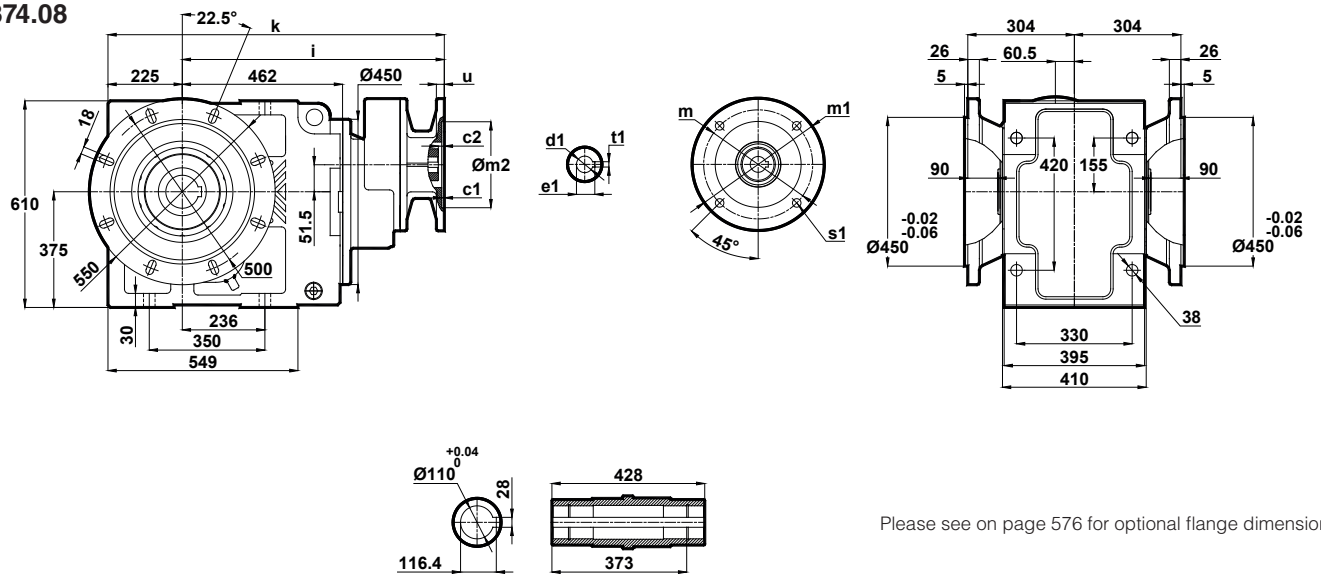
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
112/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	673.5	15	898.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	749	18	974	42	12	45.3
180/B5	5.5	10	19	300	350	250	749	18	974	48	14	51.8



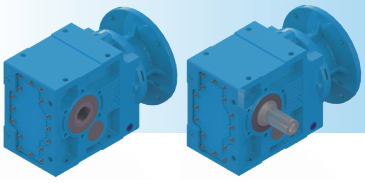
Tapped center hole to DIN 332, sheet 2

KN874.08



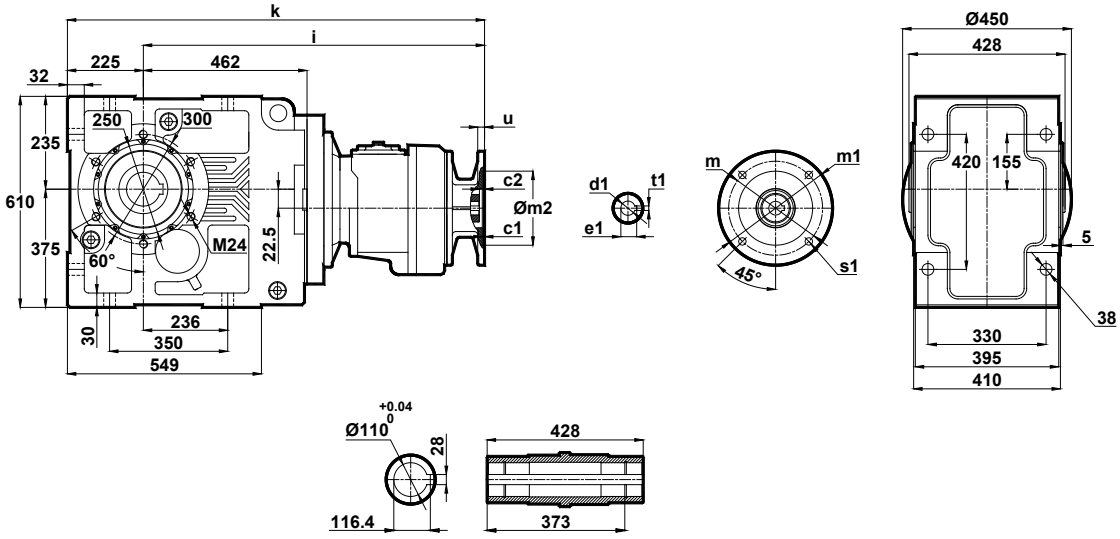
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
112/B5	4.5	9	15	215	250	180	652.5	15	877.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15 11	265 165	300 200	230 130	673.5	15	898.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	749	18	974	42	12	45.3
180/B5	5.5	10	19	300	350	250	749	18	974	48	14	51.8



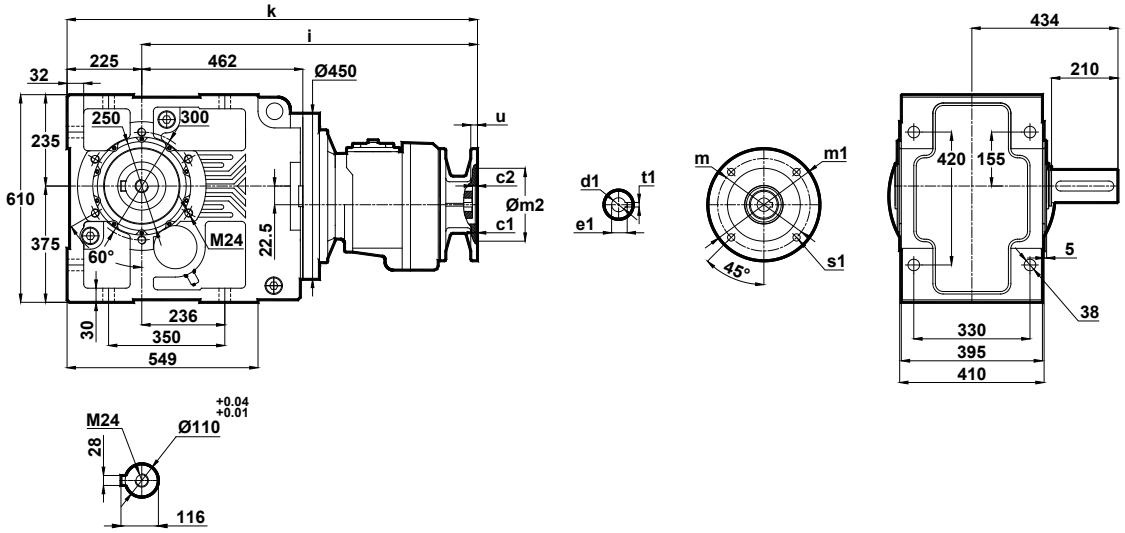
Tapped center hole to DIN 332, sheet 2

KN875.00
KN876.00



	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	771.5	12	996.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	771.5	12	996.5	19	6 8	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	771.5	12	996.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3

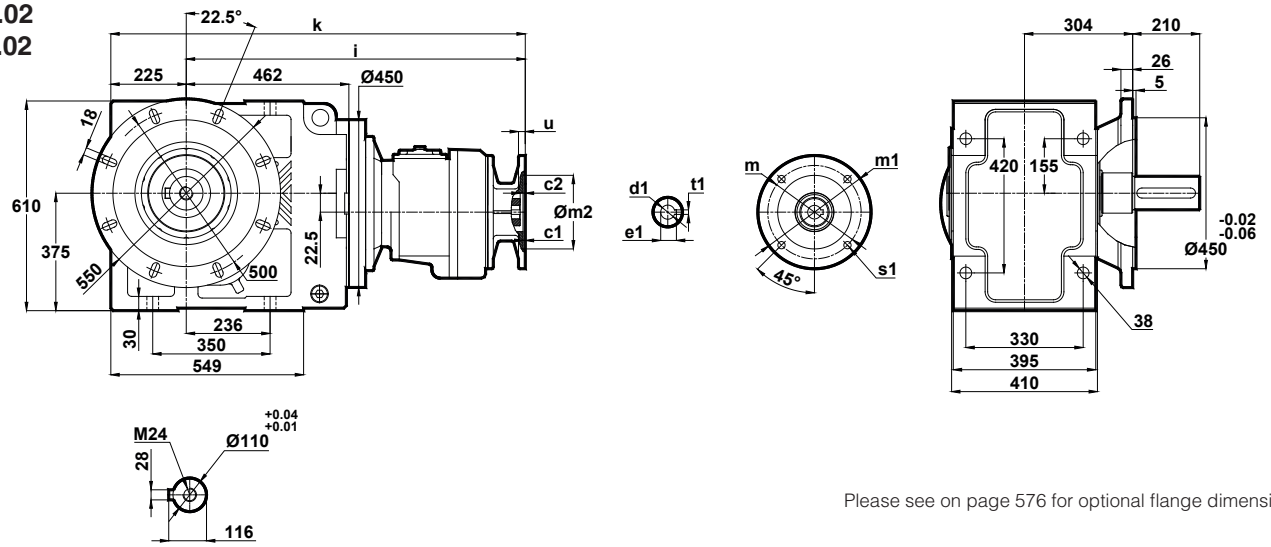
KN875.01
KN876.01



	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	771.5	12	996.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	771.5	12	996.5	19	6 8	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	771.5	12	996.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3

Tapped center hole to DIN 332, sheet 2

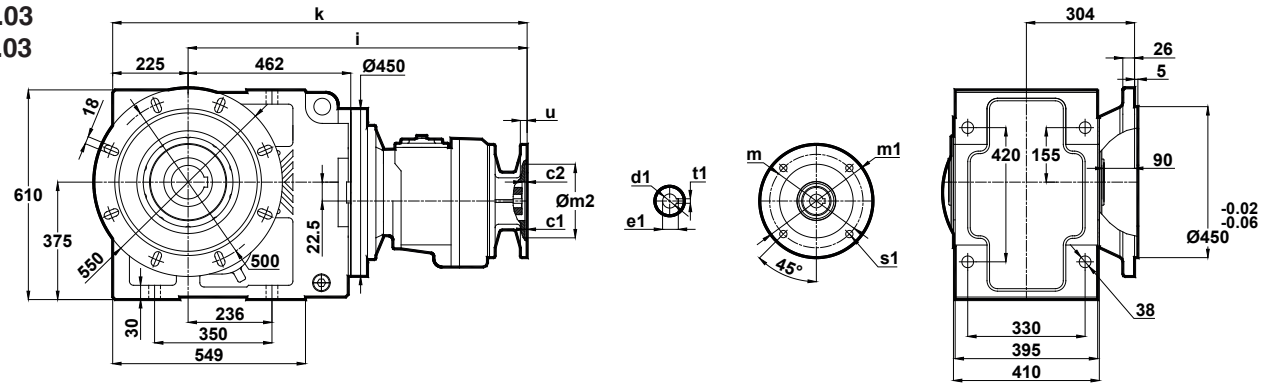
KN875.02
KN876.02

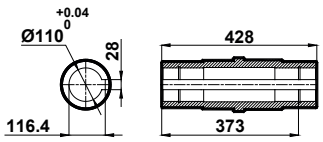


Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	771.5	12	996.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	771.5	12	996.5	19	6 8	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	771.5	12	996.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3

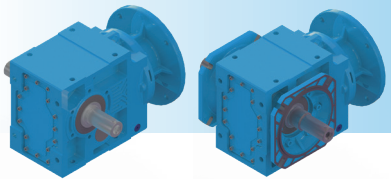
KN875.03
KN876.03





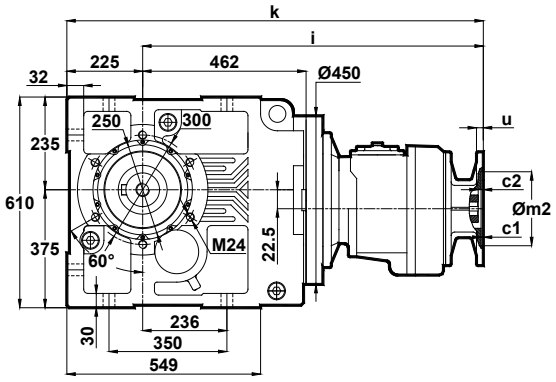
Please see on page 576 for optional flange dimensions

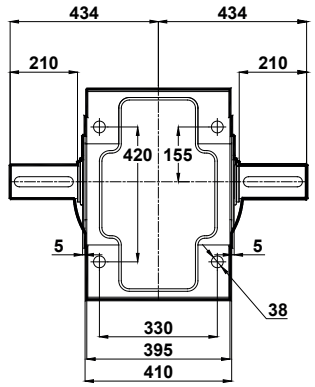
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	771.5	12	996.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	771.5	12	996.5	19	6 8	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	771.5	12	996.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3

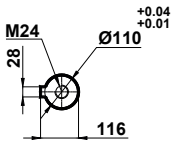


Tapped center hole to DIN 332, sheet 2

KN875.04
KN876.04

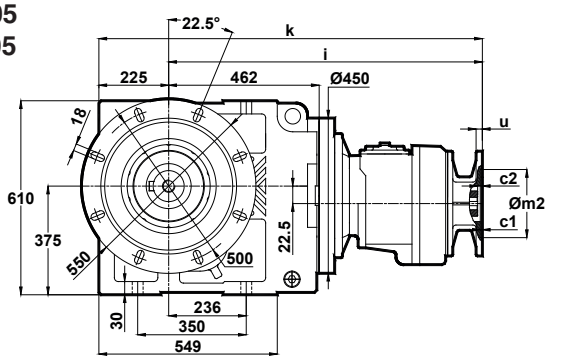


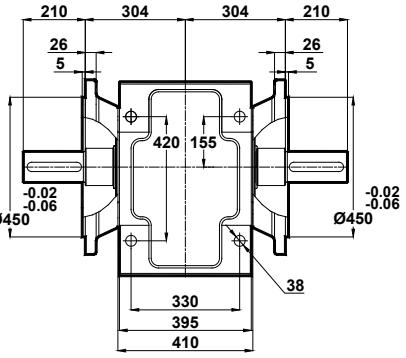


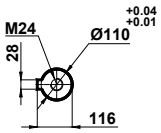


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	771.5	12	996.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	771.5	12	996.5	19	6 8	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	771.5	12	996.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3

KN875.05
KN876.05

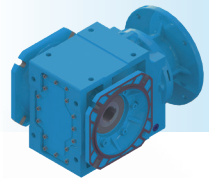






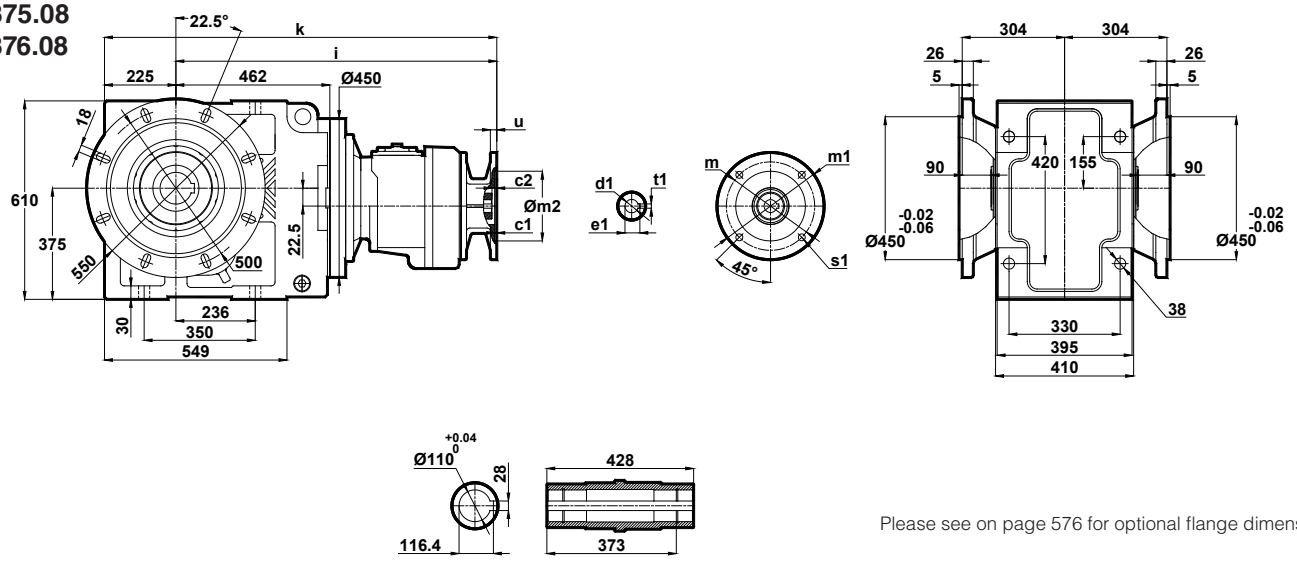
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	771.5	12	996.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	771.5	12	996.5	19	6 8	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	771.5	12	996.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3



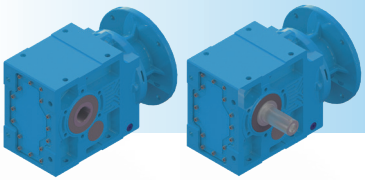
Tapped center hole to DIN 332, sheet 2

KN875.08
KN876.08



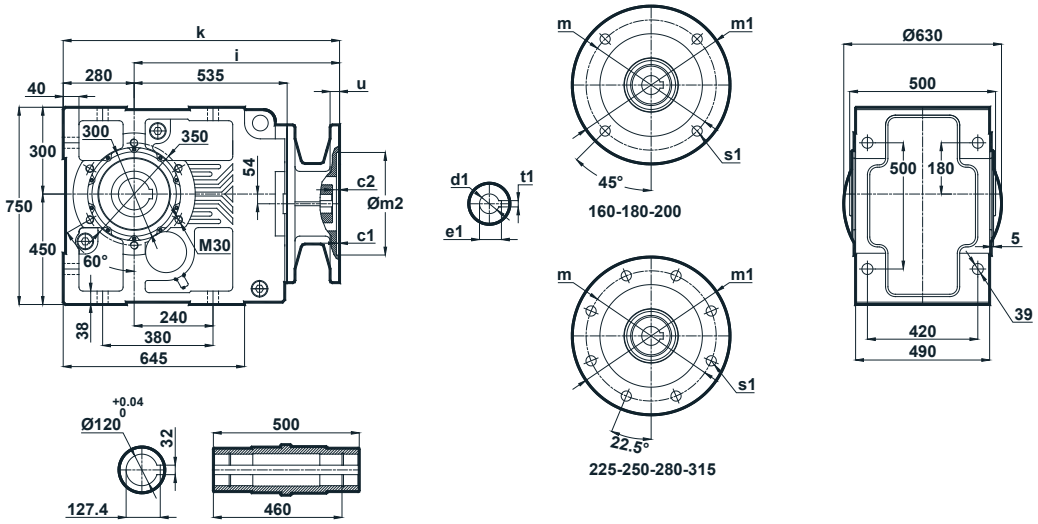
Please see on page 576 for optional flange dimensions

	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
71/B5	4	9	11	130	160	110	771.5	12	996.5	14	5	16.3
80/B5 **80/B14**	4	9	12 7	165 100	200 120	130 80	771.5	12	996.5	19	6 8	21.8
90/B5 **90/B14**	4	9	12 9	165 115	200 140	130 95	771.5	12	996.5	24	8	27.3
100/B5 **100/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3
112/B5 **112/B14**	4.5 4	9	15 9	215 130	250 160	180 110	788.5	15	1013.5	28	8	31.3



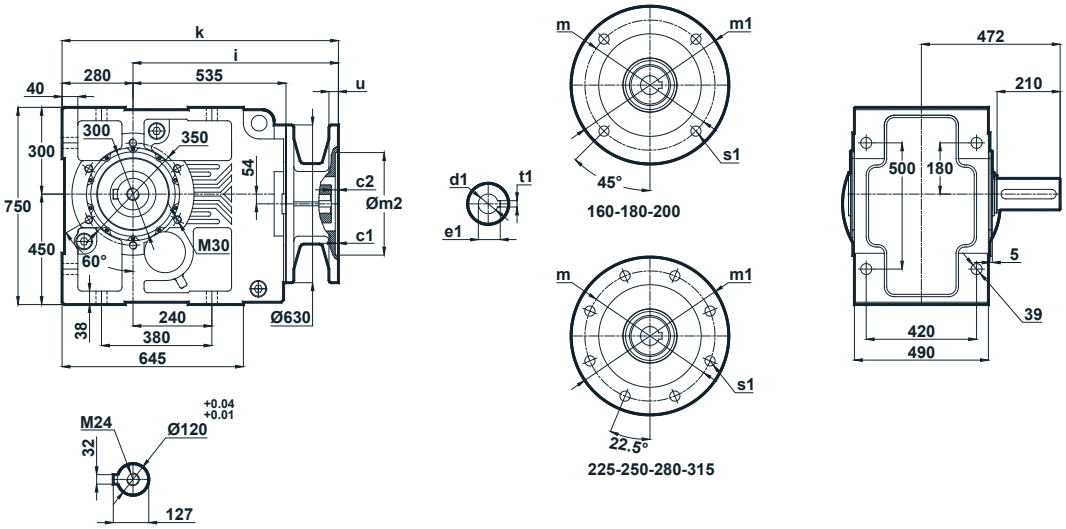
Tapped center hole to DIN 332, sheet 2

KN973.00

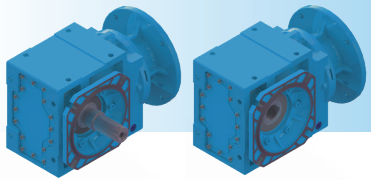


	c1	c2	s1	m	m1	m2(H7)	i	u	k	d1	t1	e1
160/B5	5.5	10	19	300	350	250	667	20	947	42	12	45.3
180/B5	5.5	10	19	300	350	250	667	20	947	48	14	51.8
200/B5	5.5	10	19	350	400	300	691	22	971	55	16	59.3
225/B5	5.5	10	19	400	450	350	733	24	1013	60	18	64.4
250/B5	5.5	10	19	500	550	450	755	24	1035	65	18	69.4
280/B5	5.5	10	19	500	550	450	755	24	1035	75	20	79.4
315/B5	6.5	15	24	660	600	550	835	24	1115	85	22	90.4

KN973.01

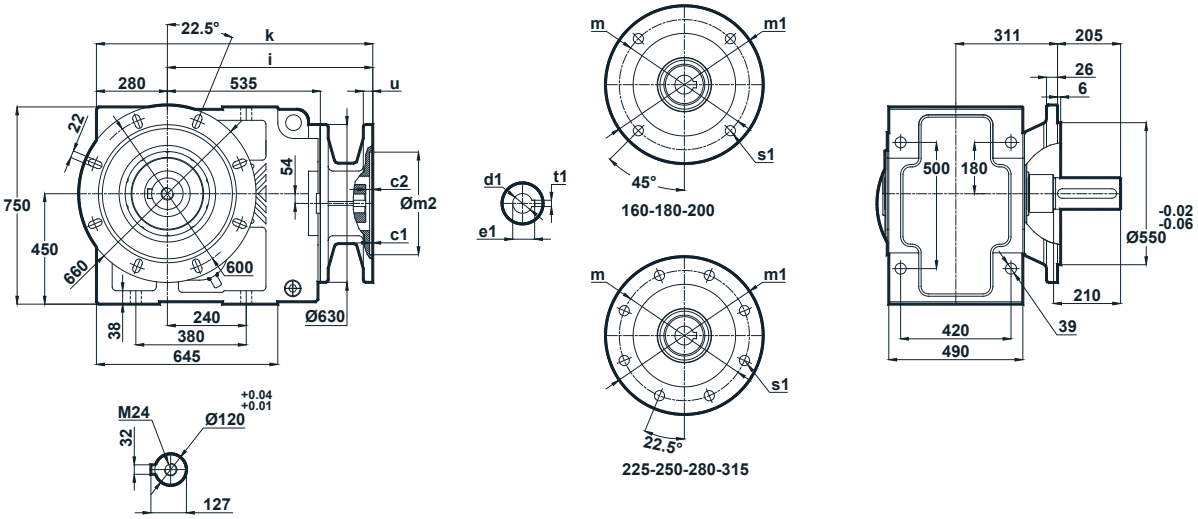


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
160/B5	5.5	10	19	300	350	250	667	20	947	42	12	45.3
180/B5	5.5	10	19	300	350	250	667	20	947	48	14	51.8
200/B5	5.5	10	19	350	400	300	691	22	971	55	16	59.3
225/B5	5.5	10	19	400	450	350	733	24	1013	60	18	64.4
250/B5	5.5	10	19	500	550	450	755	24	1035	65	18	69.4
280/B5	5.5	10	19	500	550	450	755	24	1035	75	20	79.4
315/B5	6.5	15	24	660	600	550	835	24	1115	85	22	90.4



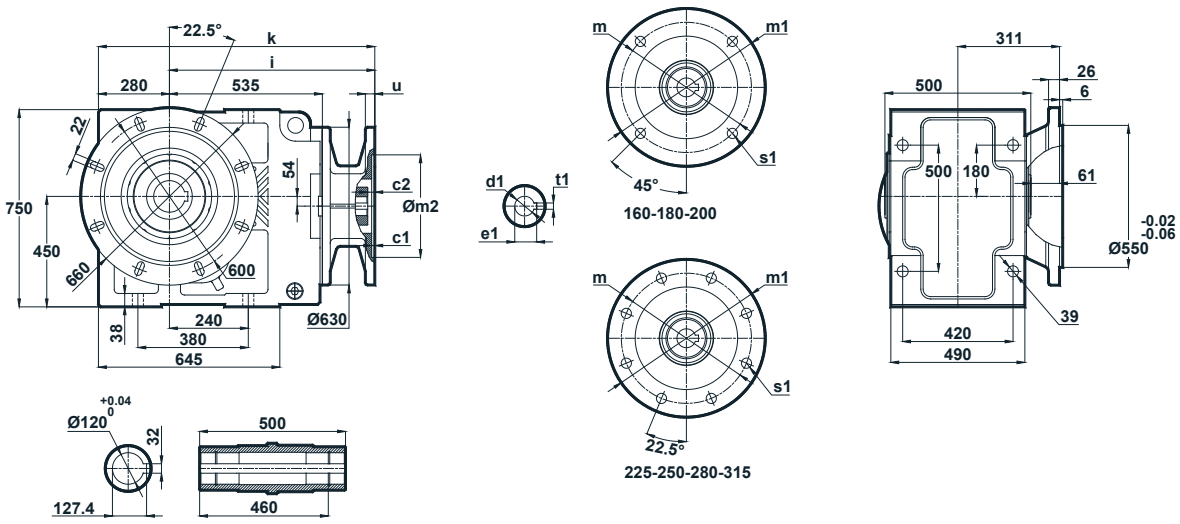
Tapped center hole to DIN 332, sheet 2

KN973.02

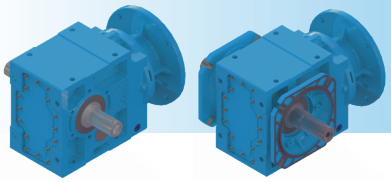


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
160/B5	5.5	10	19	300	350	250	667	20	947	42	12	45.3
180/B5	5.5	10	19	300	350	250	667	20	947	48	14	51.8
200/B5	5.5	10	19	350	400	300	691	22	971	55	16	59.3
225/B5	5.5	10	19	400	450	350	733	24	1013	60	18	64.4
250/B5	5.5	10	19	500	550	450	755	24	1035	65	18	69.4
280/B5	5.5	10	19	500	550	450	755	24	1035	75	20	79.4
315/B5	6.5	15	24	660	600	550	835	24	1115	85	22	90.4

KN973.03

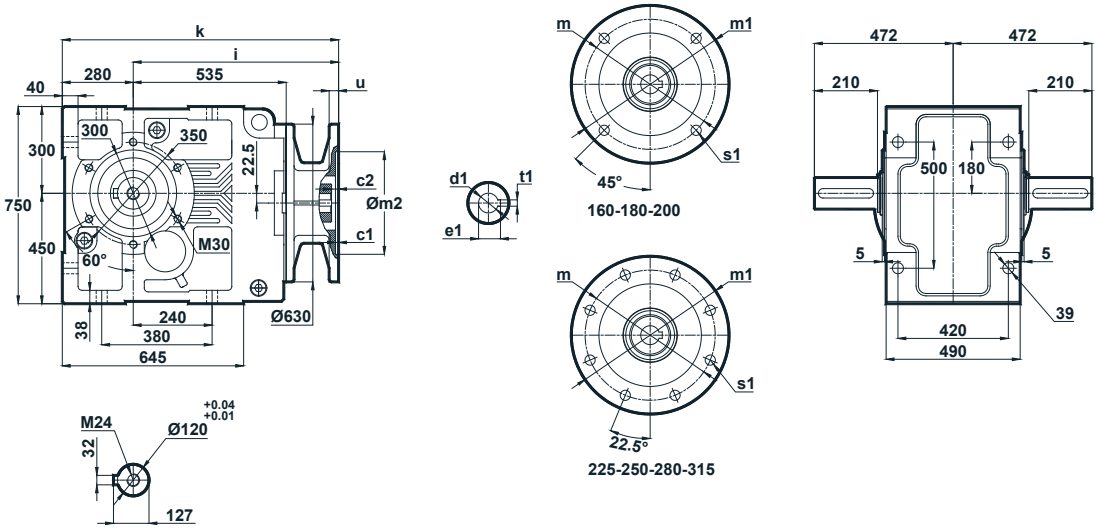


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
160/B5	5.5	10	19	300	350	250	667	20	947	42	12	45.3
180/B5	5.5	10	19	300	350	250	667	20	947	48	14	51.8
200/B5	5.5	10	19	350	400	300	691	22	971	55	16	59.3
225/B5	5.5	10	19	400	450	350	733	24	1013	60	18	64.4
250/B5	5.5	10	19	500	550	450	755	24	1035	65	18	69.4
280/B5	5.5	10	19	500	550	450	755	24	1035	75	20	79.4
315/B5	6.5	15	24	660	600	550	835	24	1115	85	22	90.4



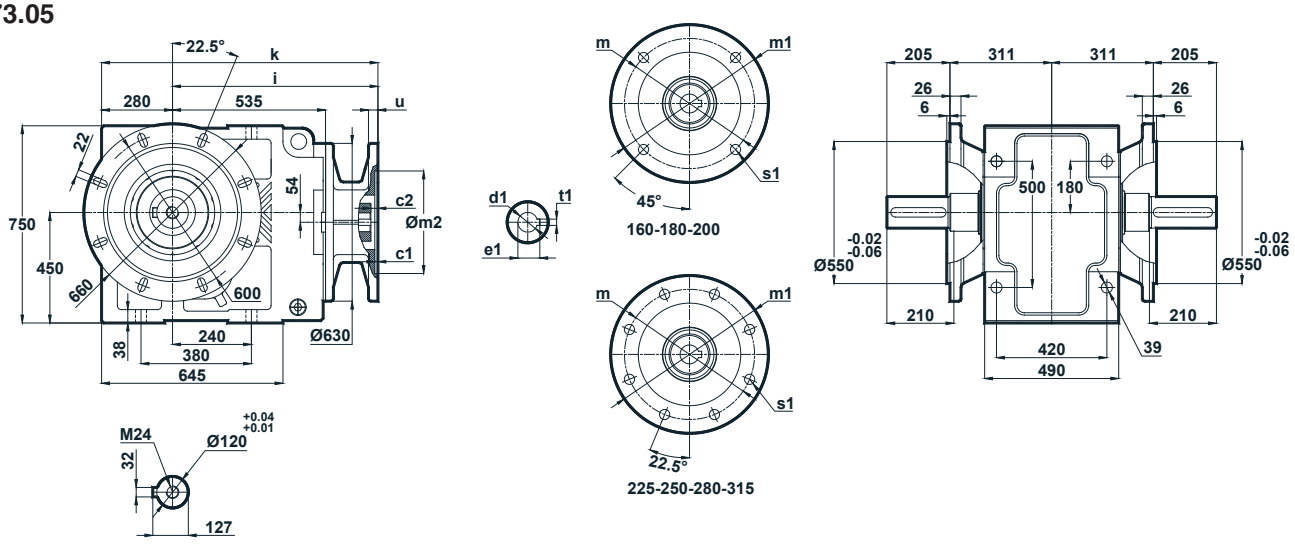
Tapped center hole to DIN 332, sheet 2

KN973.04

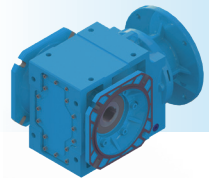


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
160/B5	5.5	10	19	300	350	250	667	20	947	42	12	45.3
180/B5	5.5	10	19	300	350	250	667	20	947	48	14	51.8
200/B5	5.5	10	19	350	400	300	691	22	971	55	16	59.3
225/B5	5.5	10	19	400	450	350	733	24	1013	60	18	64.4
250/B5	5.5	10	19	500	550	450	755	24	1035	65	18	69.4
280/B5	5.5	10	19	500	550	450	755	24	1035	75	20	79.4
315/B5	6.5	15	24	660	600	550	835	24	1115	85	22	90.4

KN973.05

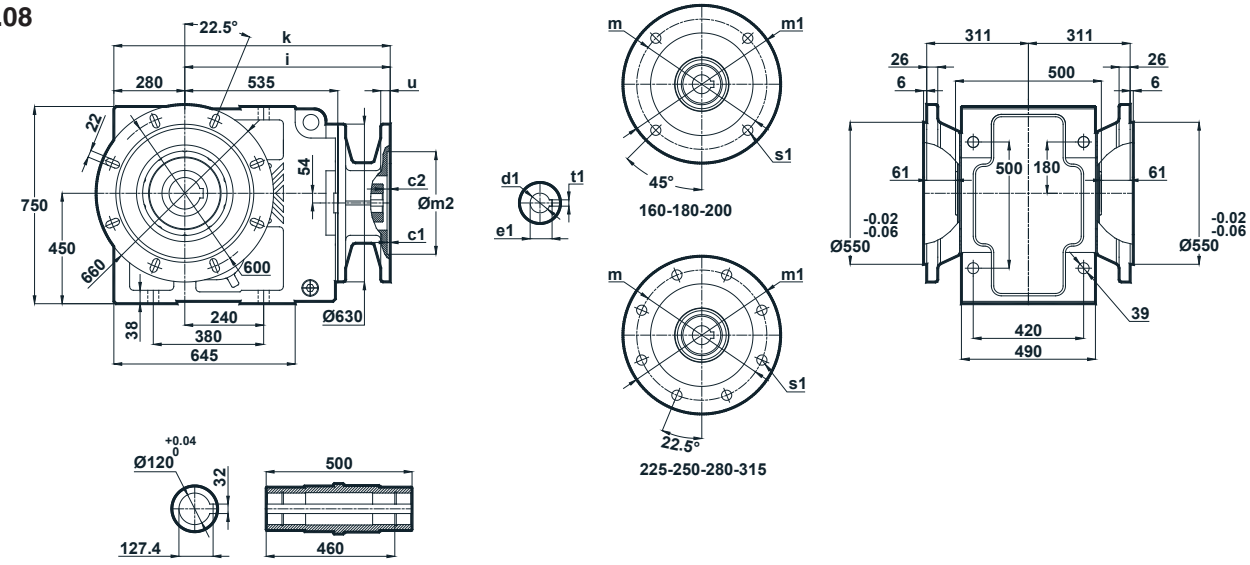


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
160/B5	5.5	10	19	300	350	250	667	20	947	42	12	45.3
180/B5	5.5	10	19	300	350	250	667	20	947	48	14	51.8
200/B5	5.5	10	19	350	400	300	691	22	971	55	16	59.3
225/B5	5.5	10	19	400	450	350	733	24	1013	60	18	64.4
250/B5	5.5	10	19	500	550	450	755	24	1035	65	18	69.4
280/B5	5.5	10	19	500	550	450	755	24	1035	75	20	79.4
315/B5	6.5	15	24	660	600	550	835	24	1115	85	22	90.4

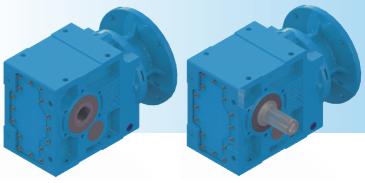


Tapped center hole to DIN 332, sheet 2

KN973.08

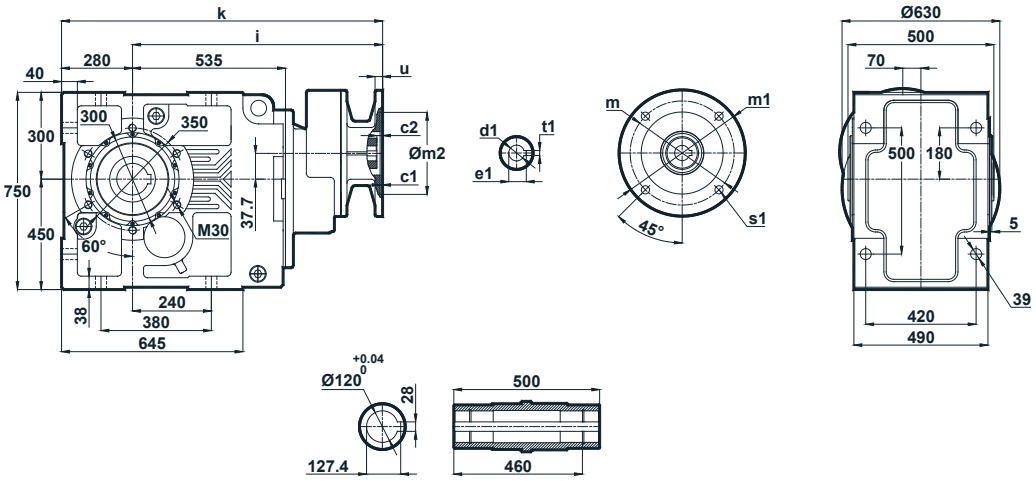


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
160/B5	5.5	10	19	300	350	250	667	20	947	42	12	45.3
180/B5	5.5	10	19	300	350	250	667	20	947	48	14	51.8
200/B5	5.5	10	19	350	400	300	691	22	971	55	16	59.3
225/B5	5.5	10	19	400	450	350	733	24	1013	60	18	64.4
250/B5	5.5	10	19	500	550	450	755	24	1035	65	18	69.4
280/B5	5.5	10	19	500	550	450	755	24	1035	75	20	79.4
315/B5	6.5	15	24	660	600	550	835	24	1115	85	22	90.4



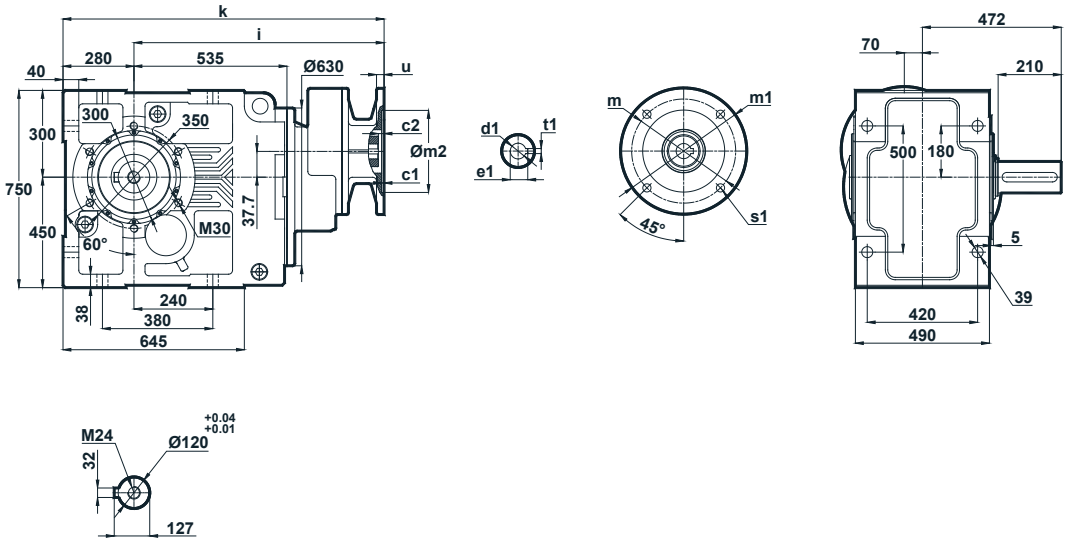
Tapped center hole to DIN 332, sheet 2

KN974.00

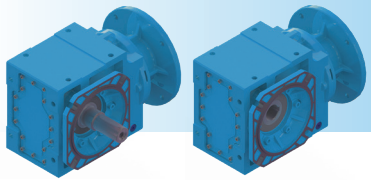


	c1	c2	s1	m	m1	m2(H7)	i	u	k	d1	t1	e1
100/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
112/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	770.5	15	1050.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	845.5	20	1125.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	845.5	20	1125.5	48	14	51.8

KN974.01

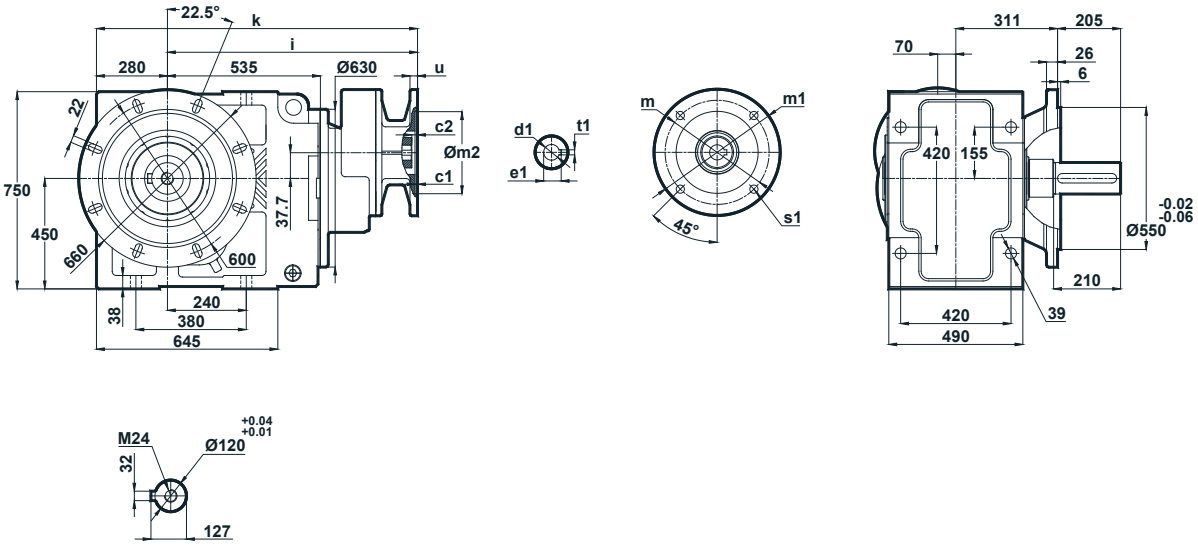


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
112/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	770.5	15	1050.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	845.5	20	1125.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	845.5	20	1125.5	48	14	51.8



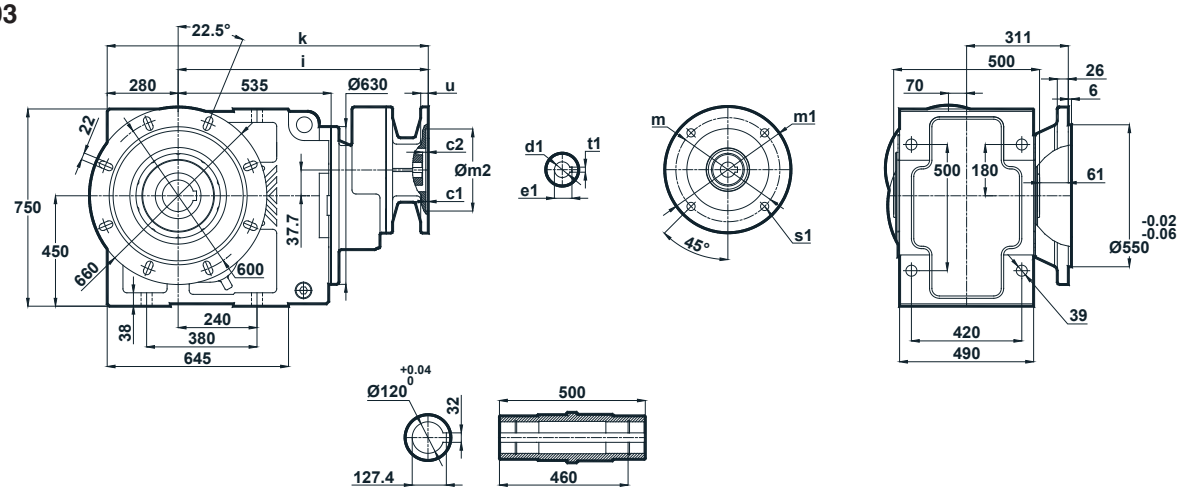
Tapped center hole to DIN 332, sheet 2

KN974.02

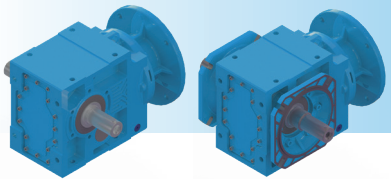


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
112/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	770.5	15	1050.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	845.5	20	1125.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	845.5	20	1125.5	48	14	51.8

KN974.03

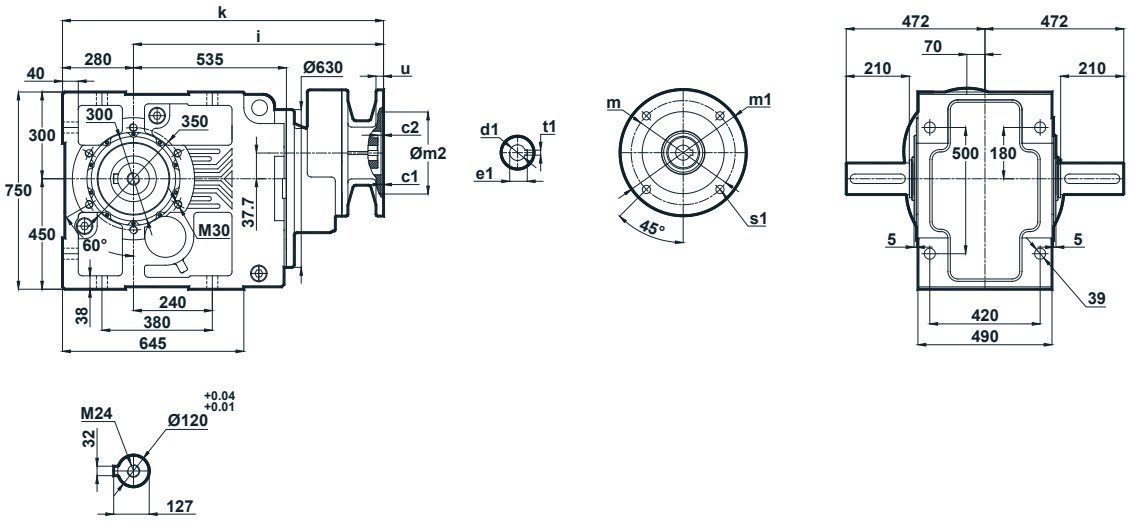


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
112/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	770.5	15	1050.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	845.5	20	1125.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	845.5	20	1125.5	48	14	51.8



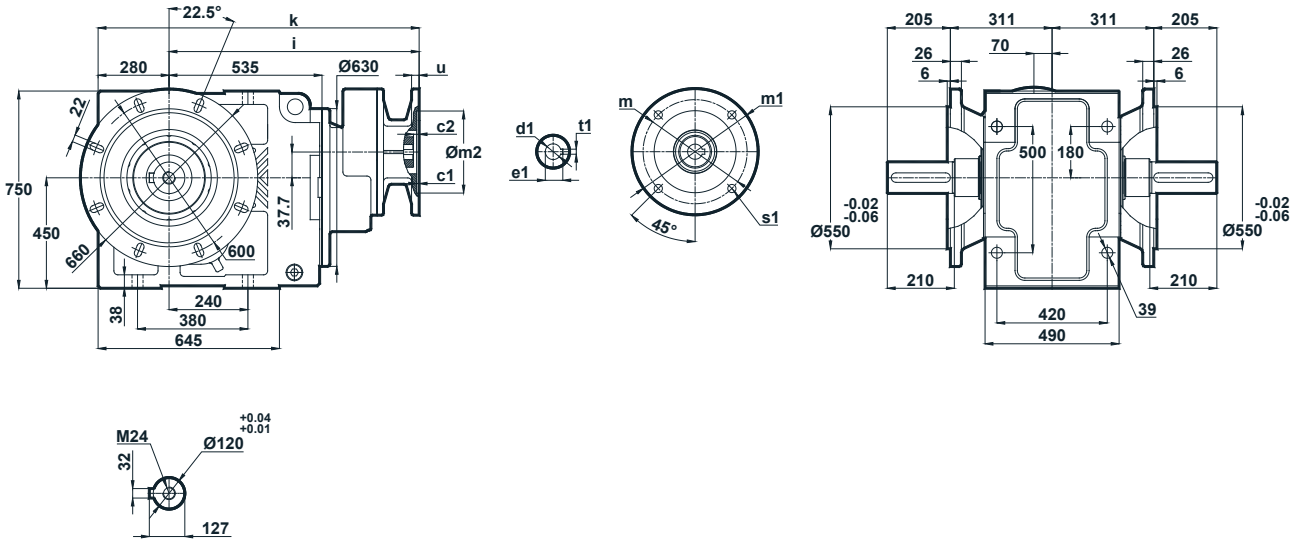
Tapped center hole to DIN 332, sheet 2

KN974.04

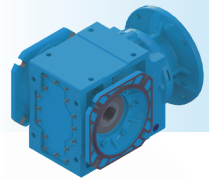


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
112/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	770.5	15	1050.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	845.5	20	1125.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	845.5	20	1125.5	48	14	51.8

KN974.05

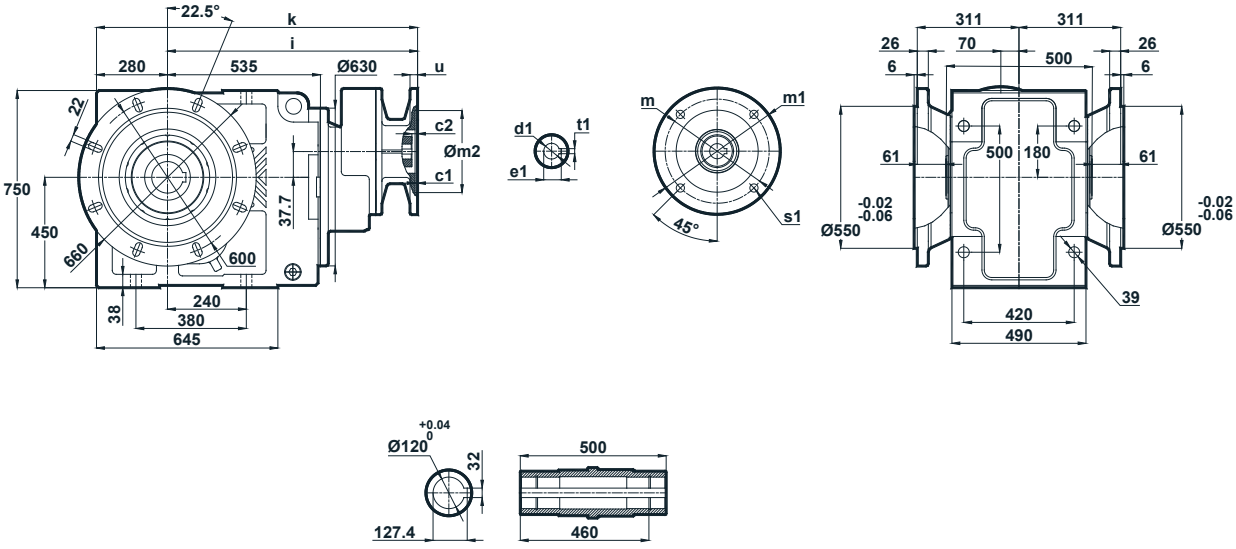


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
112/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	770.5	15	1050.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	845.5	20	1125.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	845.5	20	1125.5	48	14	51.8

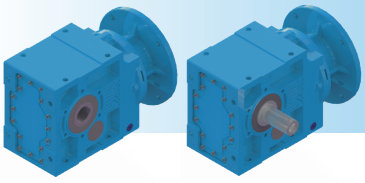


Tapped center hole to DIN 332, sheet 2

KN974.08

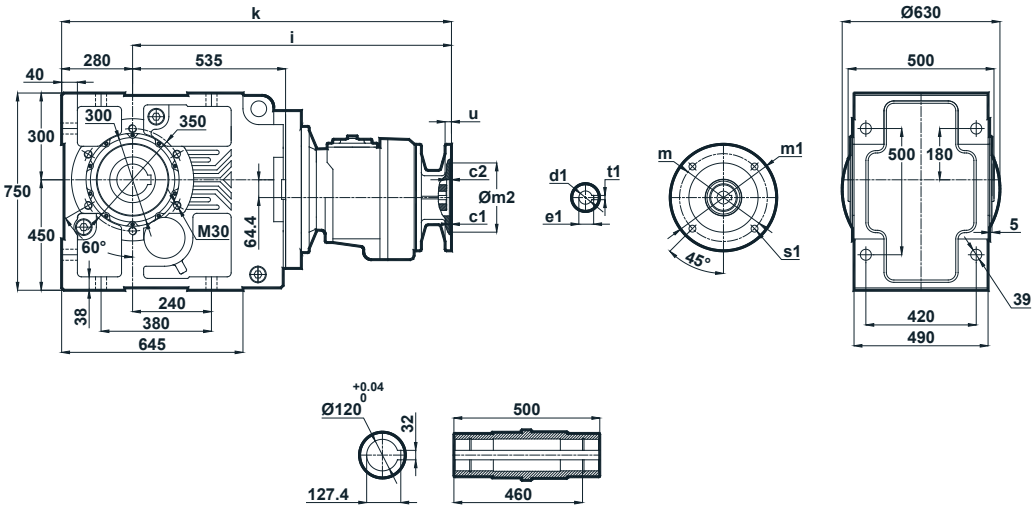


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
100/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
112/B5	5	15	15	215	250	180	755.5	15	1035.5	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	770.5	15	1050.5	38	10	41.3
160/B5	5.5	10	19	300	350	250	845.5	20	1125.5	42	12	45.3
180/B5	5.5	10	19	300	350	250	845.5	20	1125.5	48	14	51.8



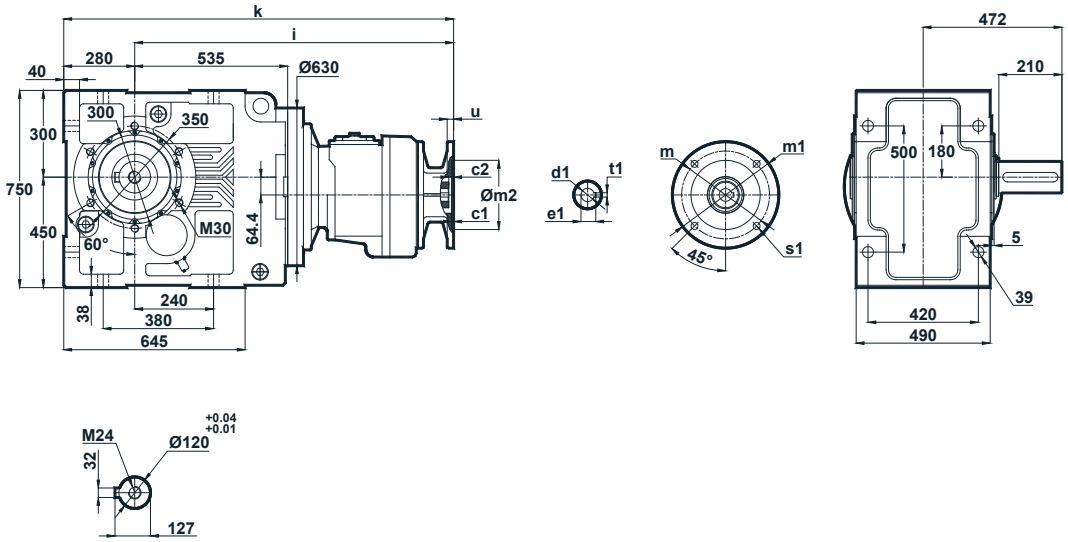
Tapped center hole to DIN 332, sheet 2

KN975.00
KN976.00

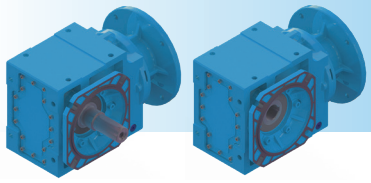


	c1	c2	s1	m	m1	m2(H7)	i	u	k	d1	t1	e1
80/B5 80/B14	4	4	12	165	200	130	891.5	12	1171.5	19	6	21.8
90/B5 90/B14	4	5	12 9	165 115	200 140	130 95	891.5	12	1171.5	24	8	27.3
100/B5 100/B14	5 4	9	15 9	215 130	250 160	180 110	910	15	1190	28	8	31.3
112/B5 112/B14	4.5	9	9	215 130	250 160	180 110	910	15	1190	28	8	31.3
132/B5 132/B14	4.5	9	15	265 165	300 200	230 130	928.5	15	1208.5	38	10	41.3

KN975.01
KN976.01

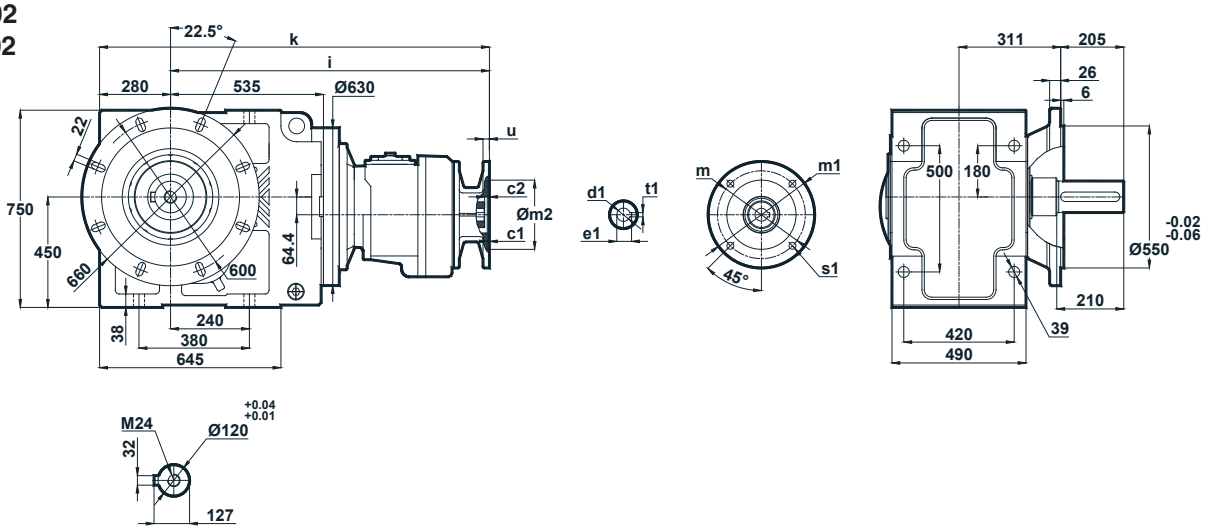


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5 80/B14	4	4	12	165	200	130	891.5	12	1171.5	19	6	21.8
90/B5 90/B14	4	5	12 9	165 115	200 140	130 95	891.5	12	1171.5	24	8	27.3
100/B5 100/B14	5 4	9	15 9	215 130	250 160	180 110	910	15	1190	28	8	31.3
112/B5 112/B14	4.5	9	9	215 130	250 160	180 110	910	15	1190	28	8	31.3
132/B5 132/B14	4.5	9	15	265 165	300 200	230 130	928.5	15	1208.5	38	10	41.3



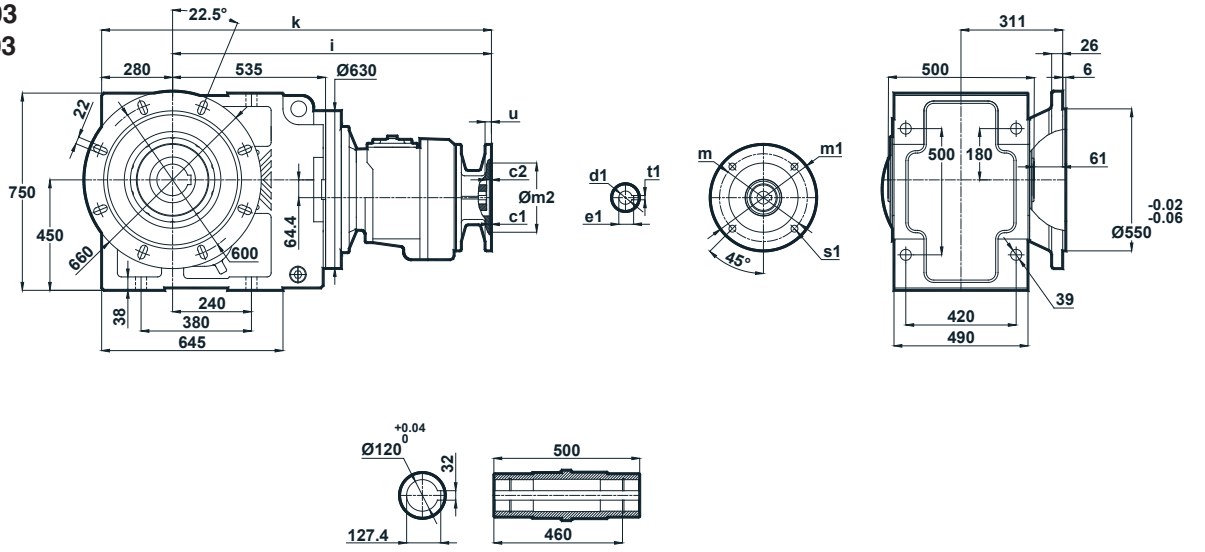
Tapped center hole to DIN 332, sheet 2

KN975.02
KN976.02

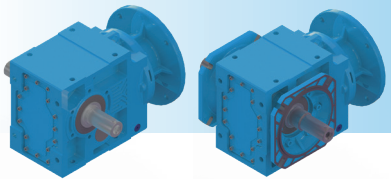


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5 80/B14	4	4	12	165	200	130	891.5	12	1171.5	19	6	21.8
90/B5 90/B14	4	5	12 9	165 115	200 140	130 95	891.5	12	1171.5	24	8	27.3
100/B5 100/B14	5 4	9	15 9	215 130	250 160	180 110	910	15	1190	28	8	31.3
112/B5 112/B14	4.5	9	9	215 130	250 160	180 110	910	15	1190	28	8	31.3
132/B5 132/B14	4.5	9	15	265 165	300 200	230 130	928.5	15	1208.5	38	10	41.3

KN975.03
KN976.03

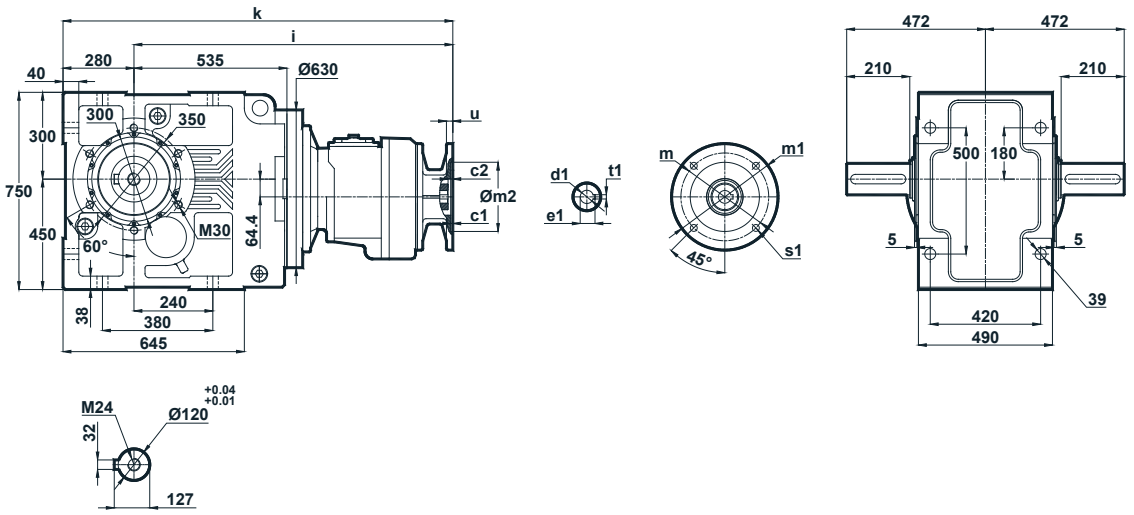


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5 80/B14	4	4	12	165	200	130	891.5	12	1171.5	19	6	21.8
90/B5 90/B14	4	5	12 9	165 115	200 140	130 95	891.5	12	1171.5	24	8	27.3
100/B5 100/B14	5 4	9	15 9	215 130	250 160	180 110	910	15	1190	28	8	31.3
112/B5 112/B14	4.5	9	9	215 130	250 160	180 110	910	15	1190	28	8	31.3
132/B5 132/B14	4.5	9	15	265 165	300 200	230 130	928.5	15	1208.5	38	10	41.3



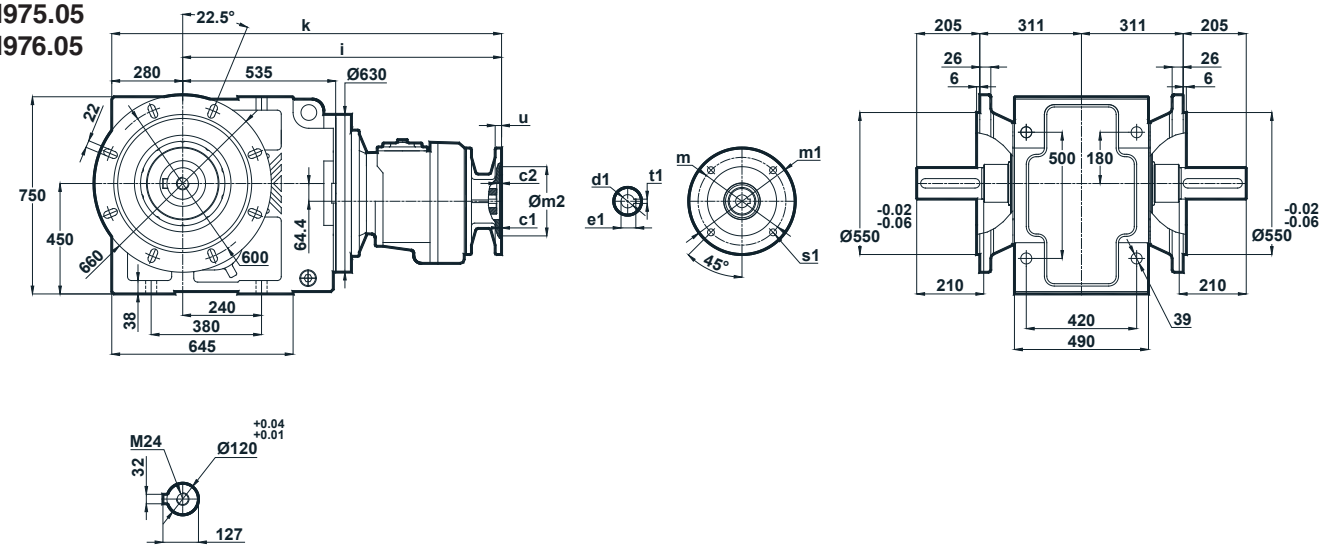
Tapped center hole to DIN 332, sheet 2

KN975.04
KN976.04

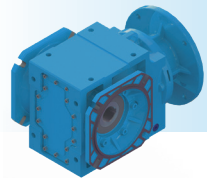


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5 80/B14	4	4	12	165	200	130	891.5	12	1171.5	19	6	21.8
90/B5 90/B14	4	5	12 9	165 115	200 140	130 95	891.5	12	1171.5	24	8	27.3
100/B5 100/B14	5 4	9	15 9	215 130	250 160	180 110	910	15	1190	28	8	31.3
112/B5 112/B14	4.5	9	9	215 130	250 160	180 110	910	15	1190	28	8	31.3
132/B5 132/B14	4.5	9	15	265 165	300 200	230 130	928.5	15	1208.5	38	10	41.3

KN975.05
KN976.05

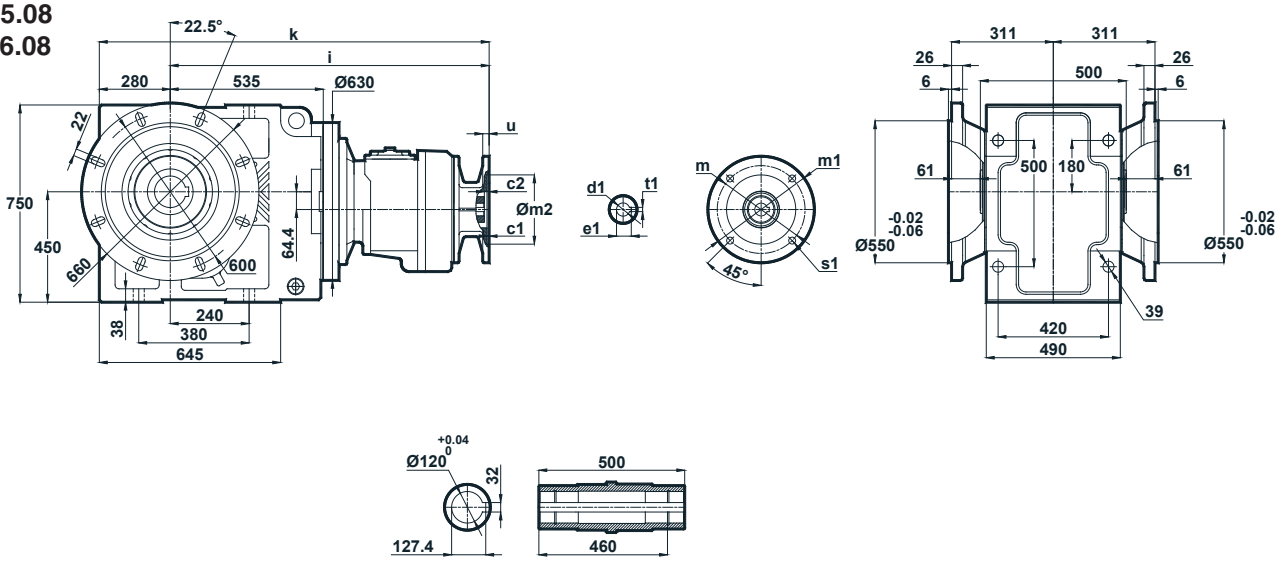


	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5 80/B14	4	4	12	165	200	130	891.5	12	1171.5	19	6	21.8
90/B5 90/B14	4	5	12 9	165 115	200 140	130 95	891.5	12	1171.5	24	8	27.3
100/B5 100/B14	5 4	9	15 9	215 130	250 160	180 110	910	15	1190	28	8	31.3
112/B5 112/B14	4.5	9	9	215 130	250 160	180 110	910	15	1190	28	8	31.3
132/B5 132/B14	4.5	9	15	265 165	300 200	230 130	928.5	15	1208.5	38	10	41.3

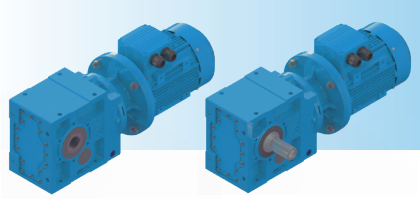


Tapped center hole to DIN 332, sheet 2

KN975.08
KN976.08

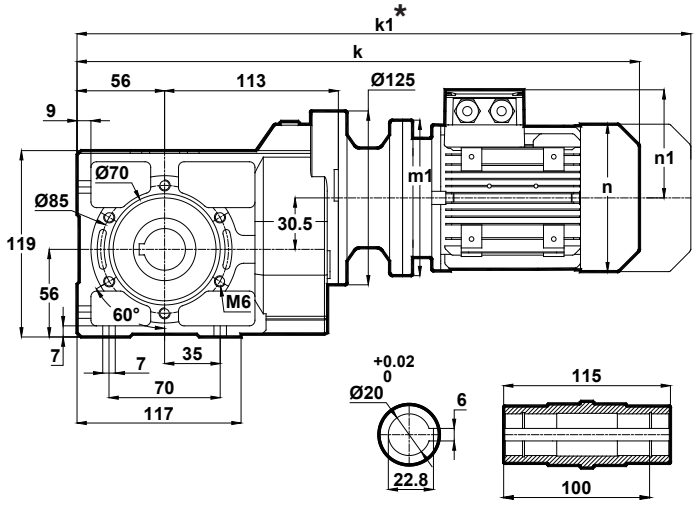


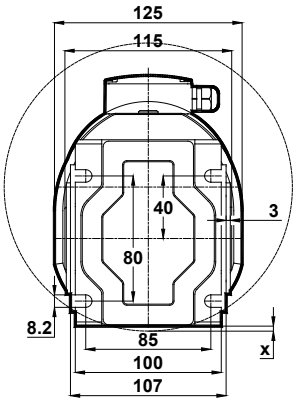
	c1	c2	s1	m	m1	m2	i	u	k	d1	t1	e1
80/B5 **80/B14**	4	4	12	165	200	130	891.5	12	1171.5	19	6	21.8
90/B5 **90/B14**	4	5	12 9	165 115	200 140	130 95	891.5	12	1171.5	24	8	27.3
100/B5 **100/B14**	5 4	9	15 9	215 130	250 160	180 110	910	15	1190	28	8	31.3
112/B5 **112/B14**	4.5	9	9	215 130	250 160	180 110	910	15	1190	28	8	31.3
132/B5 **132/B14**	4.5	9	15	265 165	300 200	230 130	928.5	15	1208.5	38	10	41.3



Tapped center hole to DIN 332, sheet 2

KV002.00
KV003.00

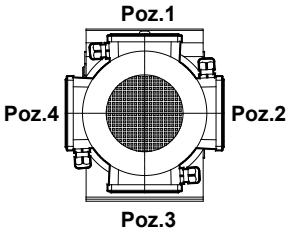




x: If Motor is lower than foot mounting plane

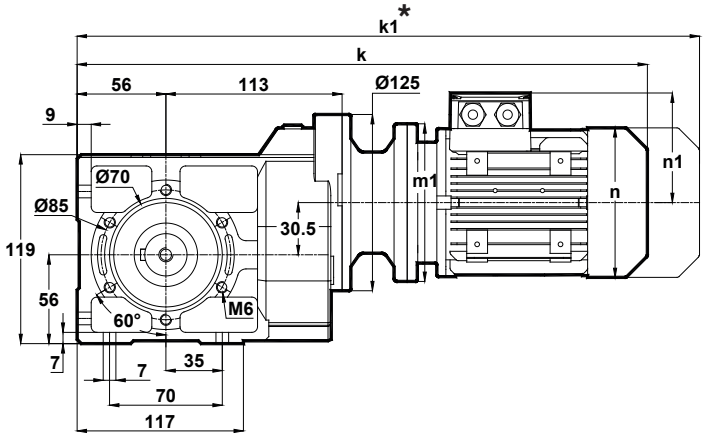
	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	405	424.5	462.5	503.5	503.5
k1	466	515.5	555.5	607	607
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	13,5	13,5	13,5

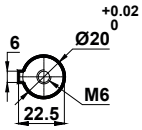
Terminal Box Positions

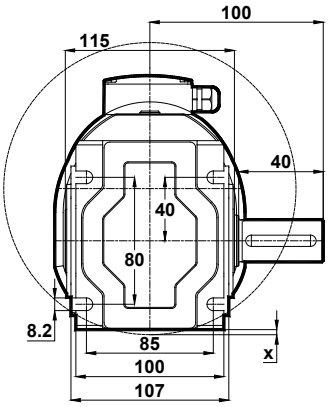


63-71-80-90
Type

KV002.01
KV003.01



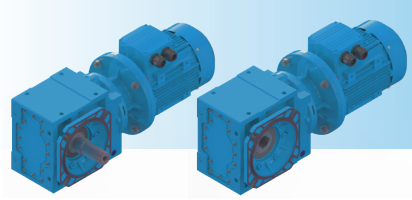




x: If Motor is lower than foot mounting plane

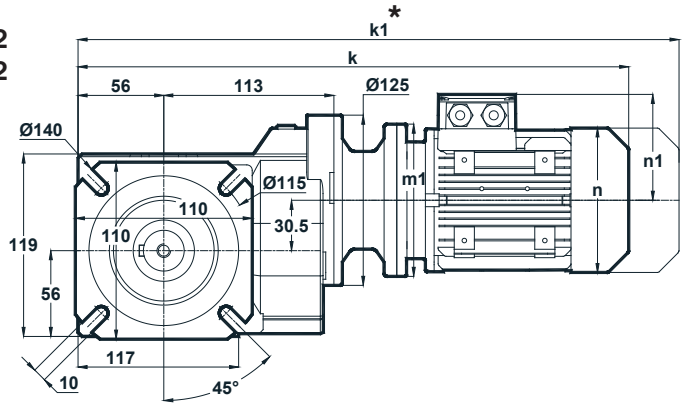
	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	405	424.5	462.5	503.5	503.5
k1	466	515.5	555.5	607	607
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	13,5	13,5	13,5

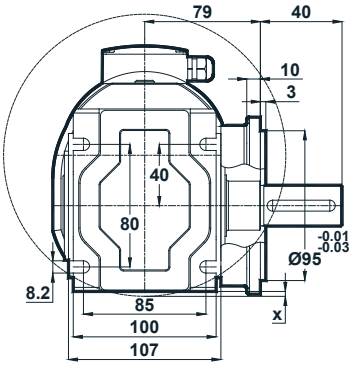
* Dimension " k1" is for motors with brake.



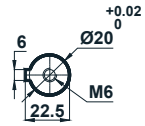
Tapped center hole to DIN 332, sheet 2

KV002.02
KV003.02

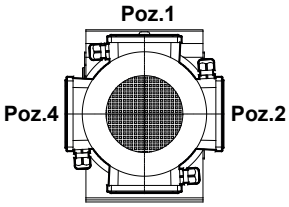




x: If Motor is lower than foot mounting plane



Terminal Box Positions

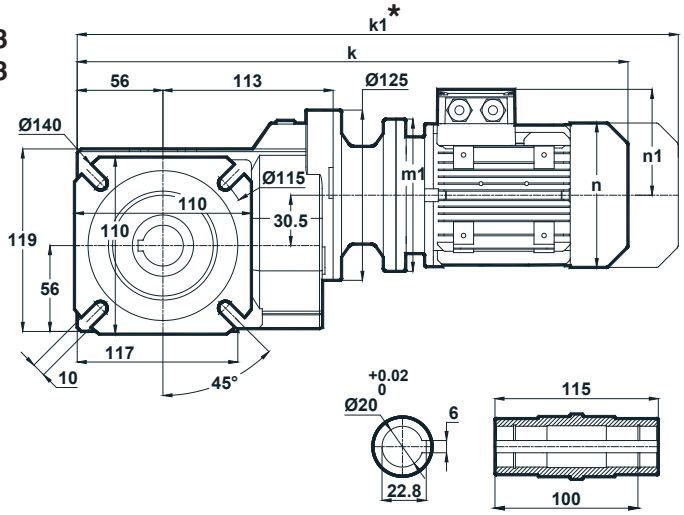


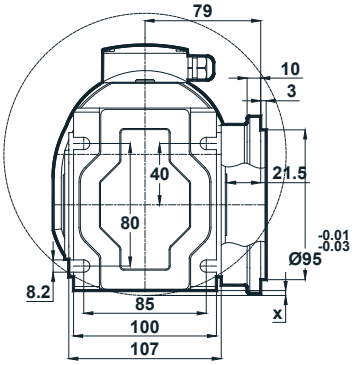
63-71-80-90 Type

	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	405	424.5	462.5	503.5	503.5
k1	466	515.5	555.5	607	607
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	13,5	13,5	13,5

Please see on page 576 for optional flange dimensions

KV002.03
KV003.03



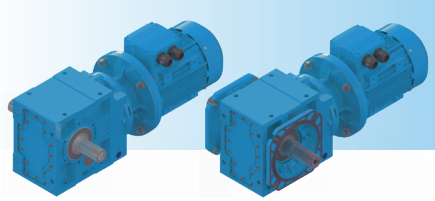


x: If Motor is lower than foot mounting plane

	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	405	424.5	462.5	503.5	503.5
k1	466	515.5	555.5	607	607
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	13,5	13,5	13,5

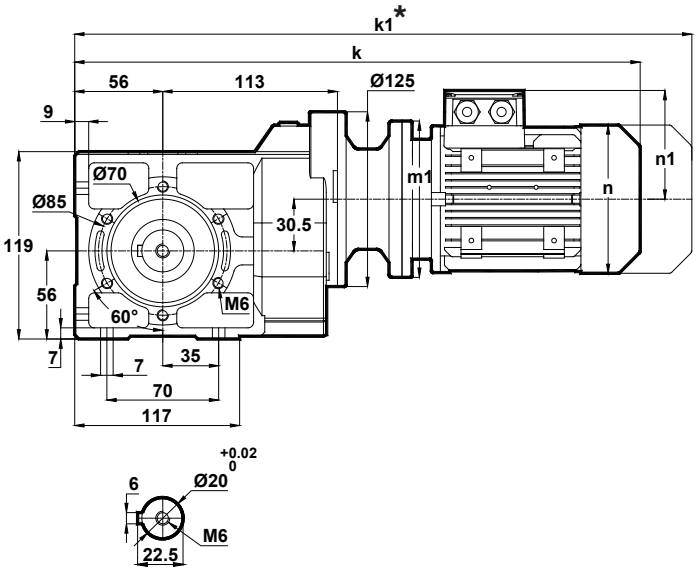
Please see on page 576 for optional flange dimensions

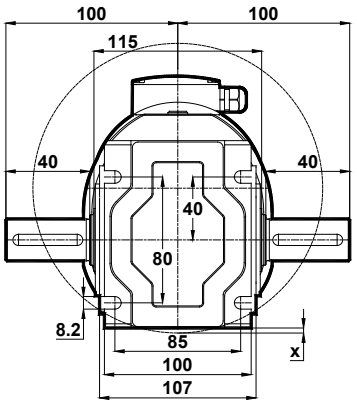
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

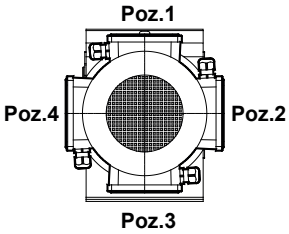
KV002.04
KV003.04





x: If Motor is lower than foot mounting plane

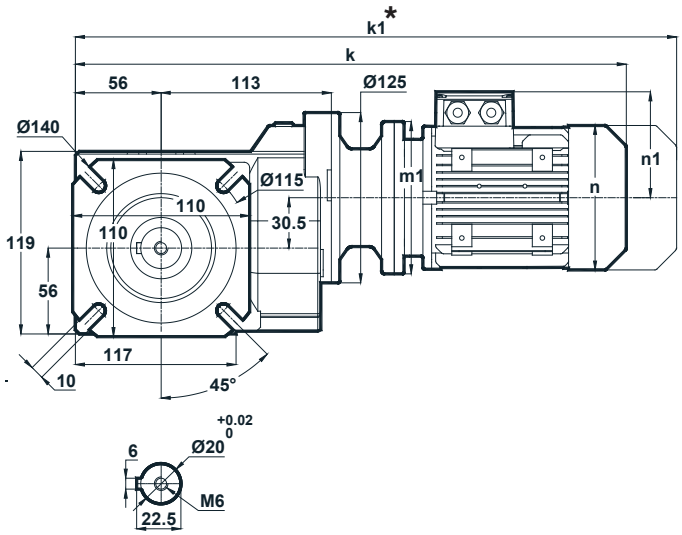
Terminal Box Positions

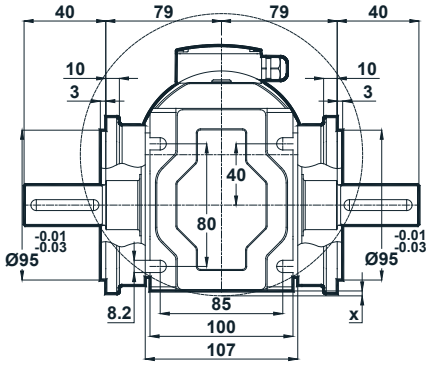


63-71-80-90 Type

	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	405	424.5	462.5	503.5	503.5
k1	466	515.5	555.5	607	607
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	13,5	13,5	13,5

KV002.05
KV003.05



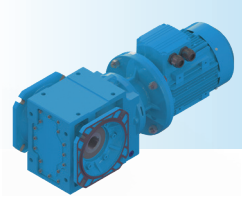


x: If Motor is lower than foot mounting plane

	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	405	424.5	462.5	503.5	503.5
k1	466	515.5	555.5	607	607
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	13,5	13,5	13,5

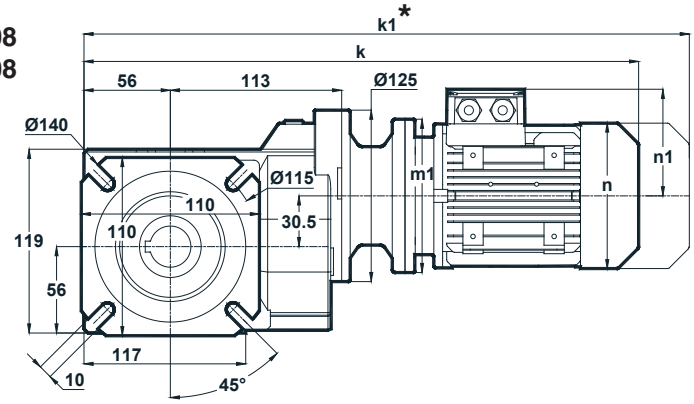
Please see on page 576 for optional flange dimensions

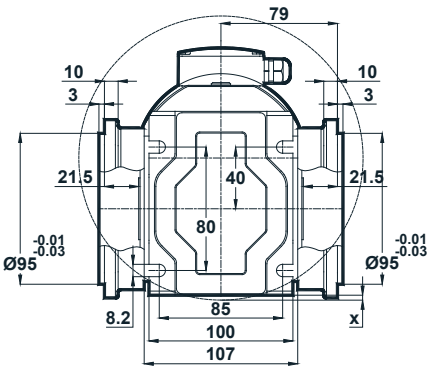
* Dimension " k1" is for motors with brake.

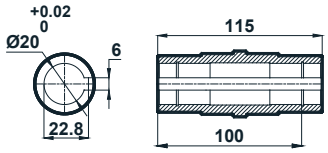


Tapped center hole to DIN 332, sheet 2

KV002.08
KV003.08



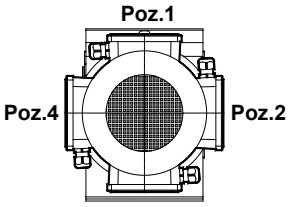




x: If Motor is lower than foot mounting plane

	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	405	424.5	462.5	503.5	503.5
k1	466	515.5	555.5	607	607
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	13,5	13,5	13,5

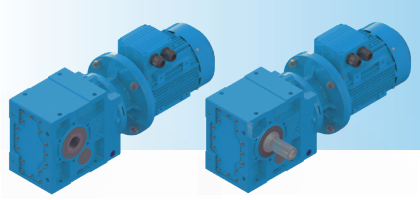
Terminal Box Positions



63-71-80-90 Type

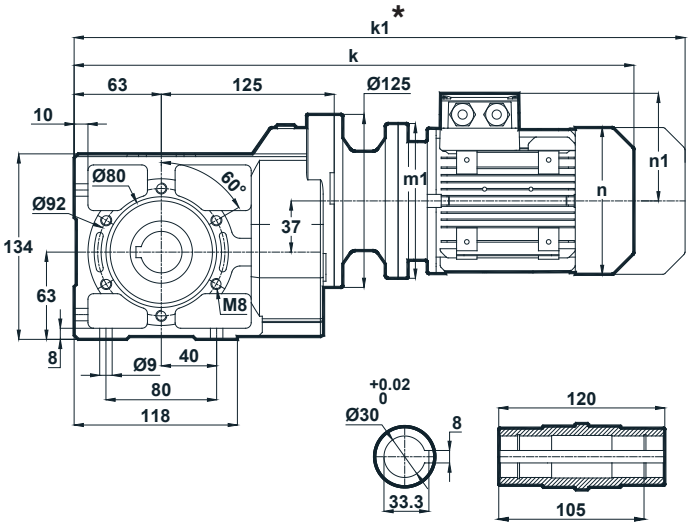
Please see on page 576 for optional flange dimensions

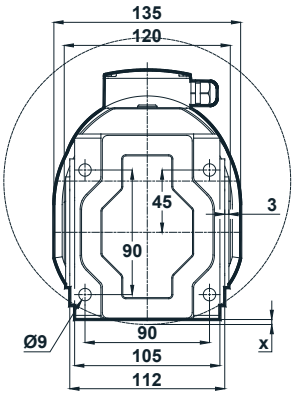
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

KV102.00
KV103.00

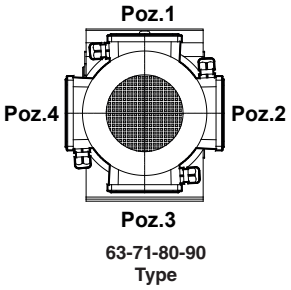




x: If Motor is lower than foot mounting plane

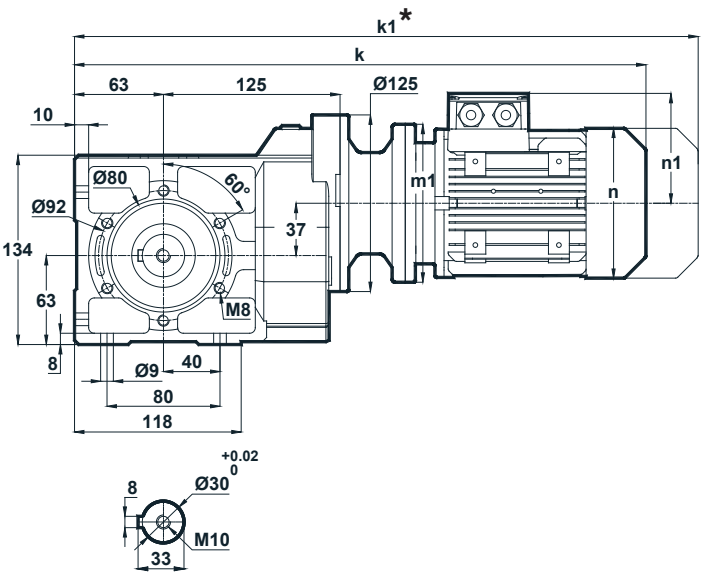
	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	424	443.5	481.5	522.5	522.5
k1	485	534.5	574.5	626	626
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	-	-	-

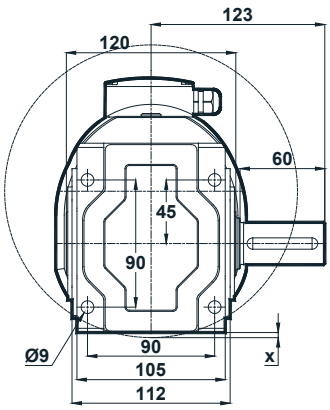
Terminal Box Positions



63-71-80-90
Type

KV102.01
KV103.01

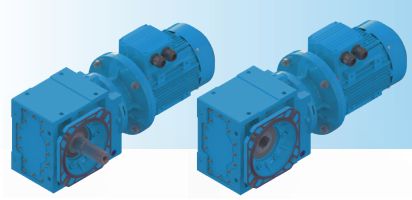




x: If Motor is lower than foot mounting plane

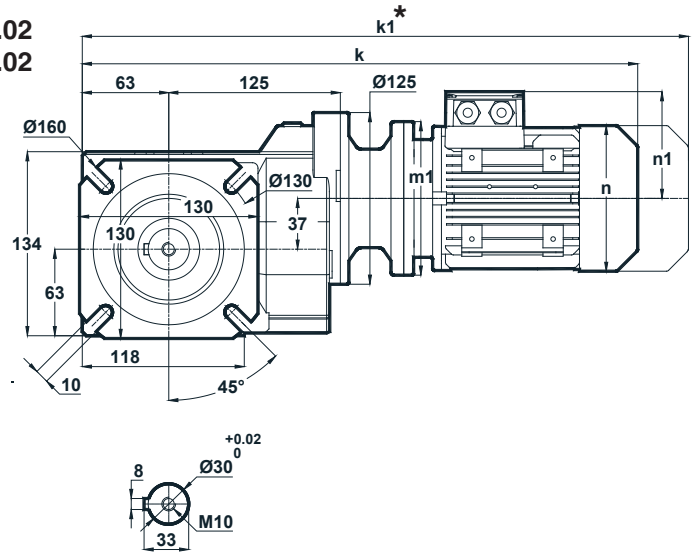
	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	424	443.5	481.5	522.5	522.5
k1	485	534.5	574.5	626	626
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	-	-	-

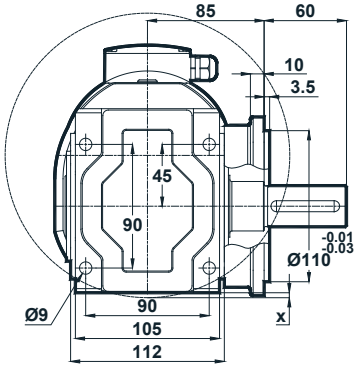
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

KV102.02
KV103.02

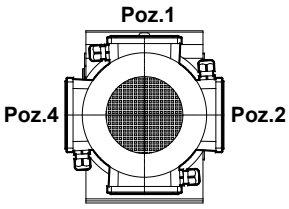




x: If Motor is lower than foot mounting plane

	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	424	443.5	481.5	522.5	522.5
k1	485	534.5	574.5	626	626
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	-	-	-

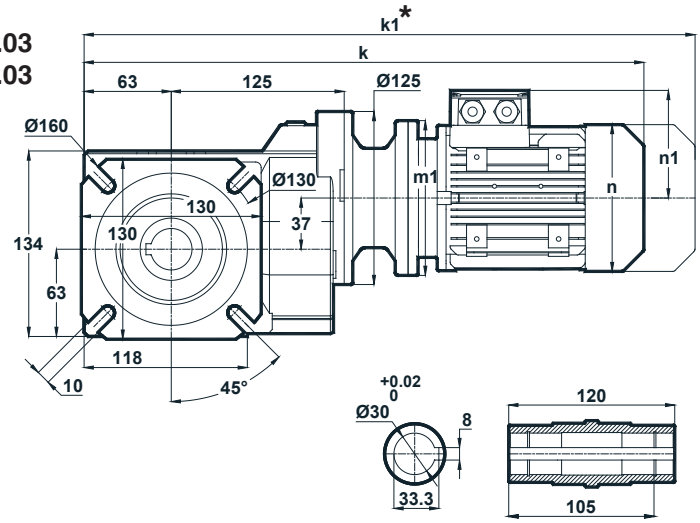
Terminal Box Positions

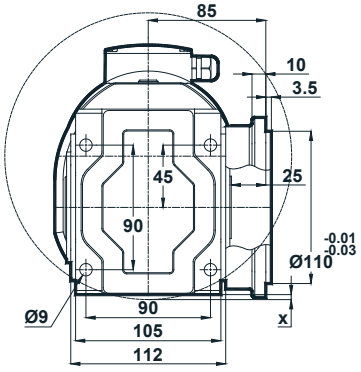


63-71-80-90
Type

Please see on page 576 for optional flange dimensions

KV102.03
KV103.03



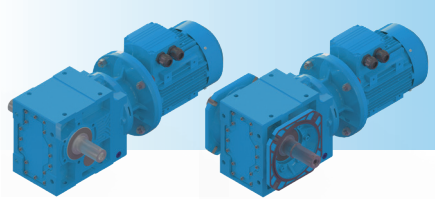


x: If Motor is lower than foot mounting plane

	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	424	443.5	481.5	522.5	522.5
k1	485	534.5	574.5	626	626
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	-	-	-

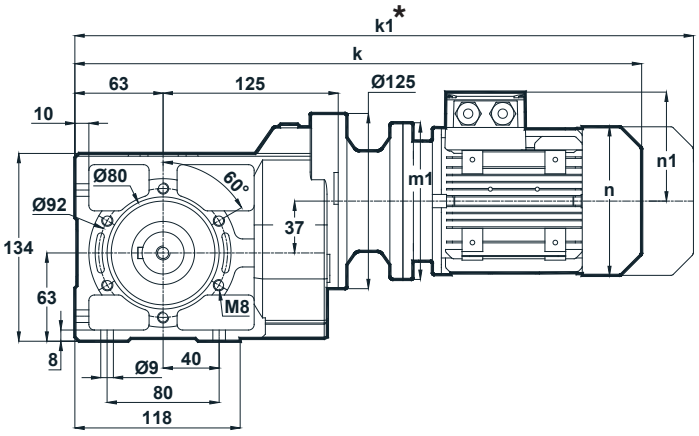
Please see on page 576 for optional flange dimensions

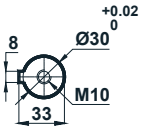
* Dimension " k1" is for motors with brake.

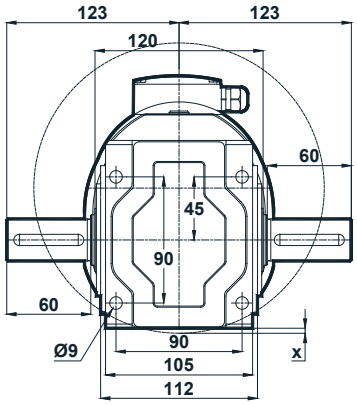


Tapped center hole to DIN 332, sheet 2

KV102.04
KV103.04



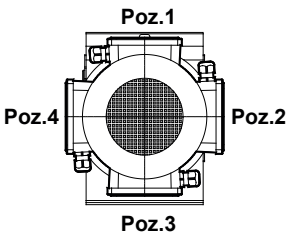




x: If Motor is lower than foot mounting plane

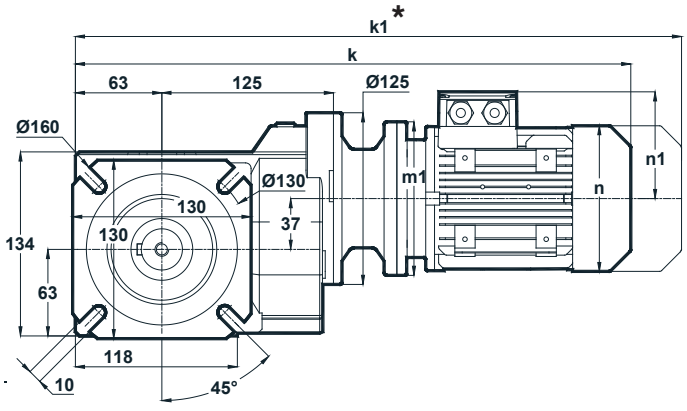
	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	424	443.5	481.5	522.5	522.5
k1	485	534.5	574.5	626	626
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	-	-	-

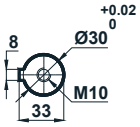
Terminal Box Positions

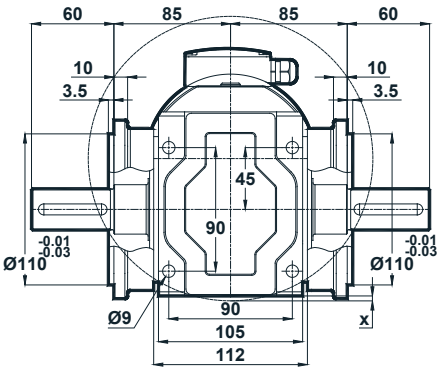


63-71-80-90
Type

KV102.05
KV103.05





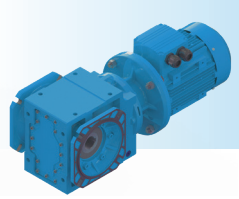


x: If Motor is lower than foot mounting plane

	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	424	443.5	481.5	522.5	522.5
k1	485	534.5	574.5	626	626
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	-	-	-

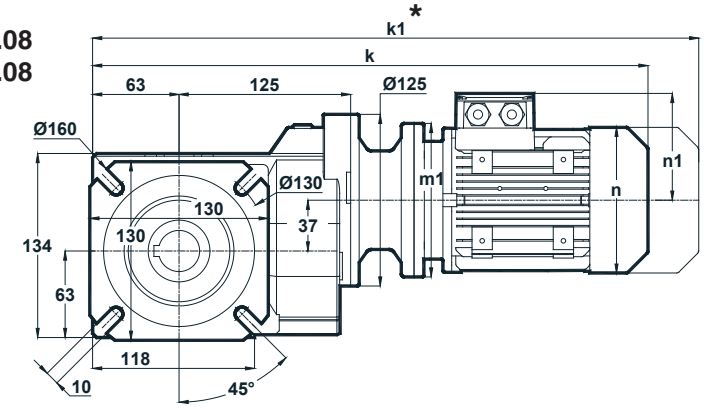
Please see on page 576 for optional flange dimensions

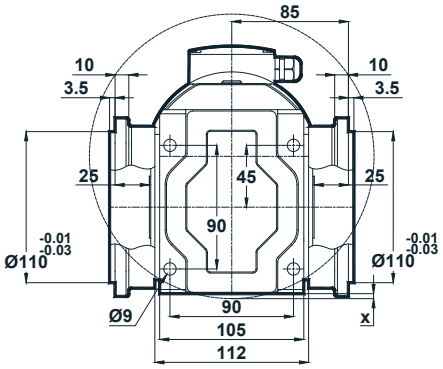
* Dimension " k1" is for motors with brake.

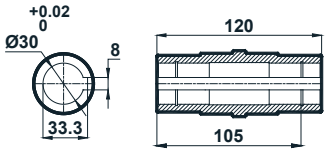


Tapped center hole to DIN 332, sheet 2

KV102.08
KV103.08



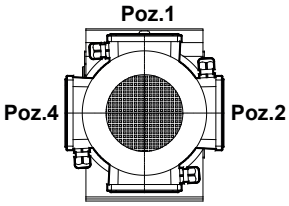




x: If Motor is lower than foot mounting plane

	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	424	443.5	481.5	522.5	522.5
k1	485	534.5	574.5	626	626
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	140	160	200	200	200
m1 (B14)	90	105	120	140	140
x	-	-	-	-	-

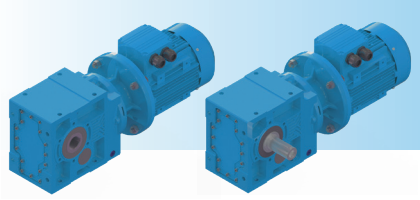
Terminal Box Positions



63-71-80-90 Type

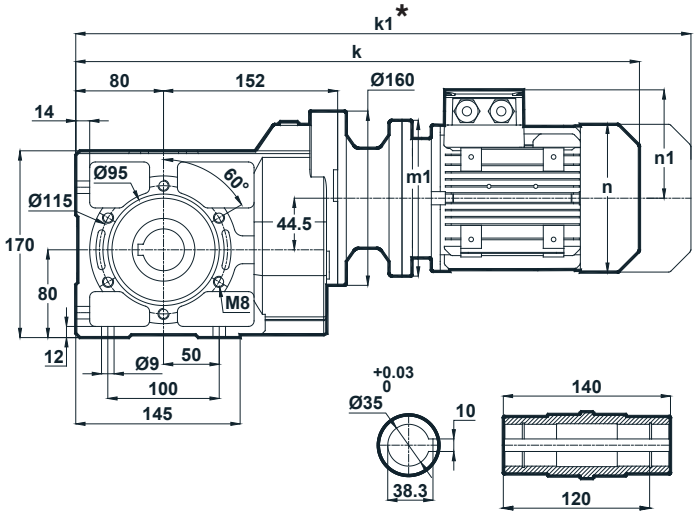
Please see on page 576 for optional flange dimensions

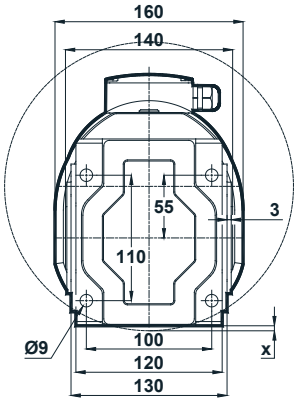
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

KV202.00
KV203.00

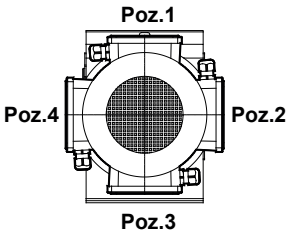




x: If Motor is lower than foot mounting plane

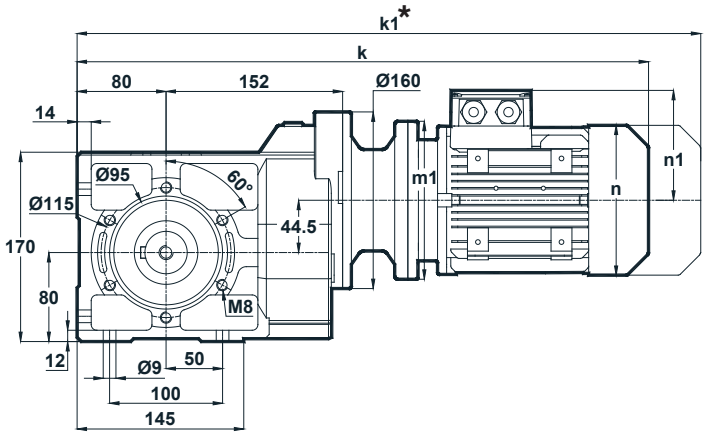
	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	498.5	487.5	539.5	580.5	580.5	609	629.5
k1	559.5	578.5	632.5	684	684	717.5	734
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	0,5	0,5

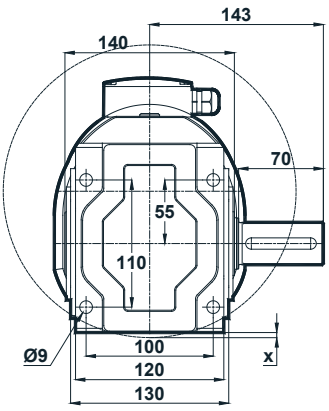
Terminal Box Positions



63-71-80-90-100-112
Type

KV202.01
KV203.01

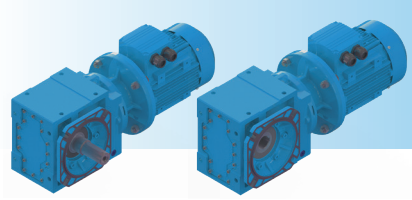




x: If Motor is lower than foot mounting plane

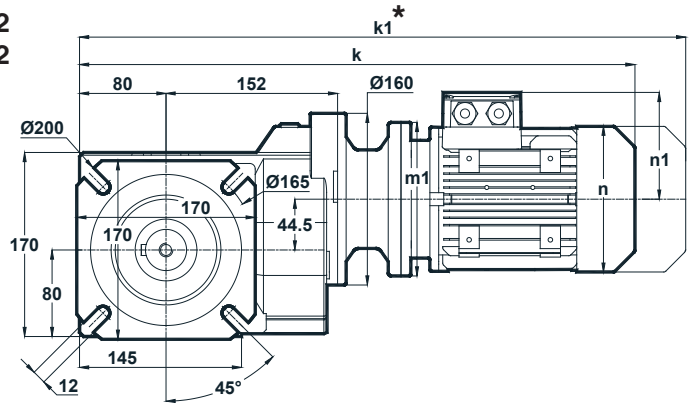
	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	498.5	487.5	539.5	580.5	580.5	609	629.5
k1	559.5	578.5	632.5	684	684	717.5	734
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	0,5	0,5

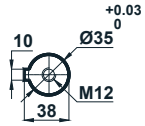
* Dimension " k1" is for motors with brake.

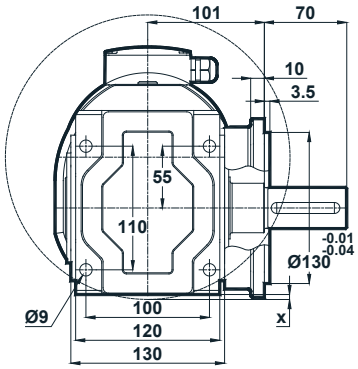


Tapped center hole to DIN 332, sheet 2

KV202.02
KV203.02

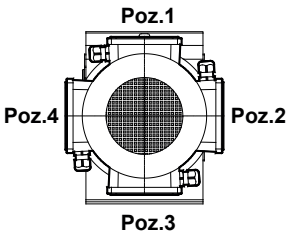






x: If Motor is lower than foot mounting plane

Terminal Box Positions

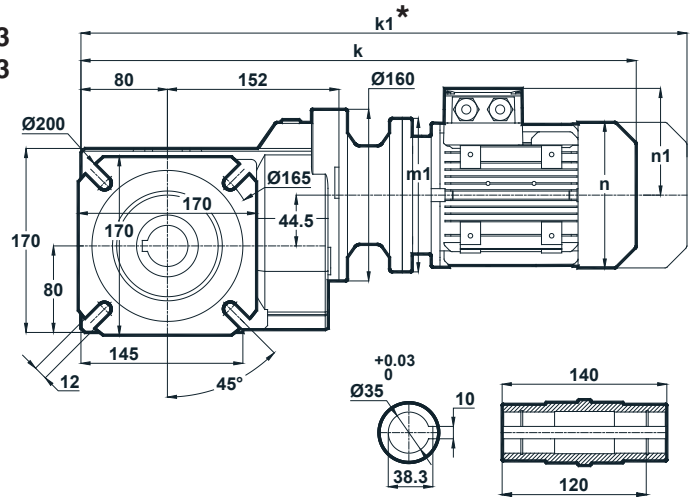


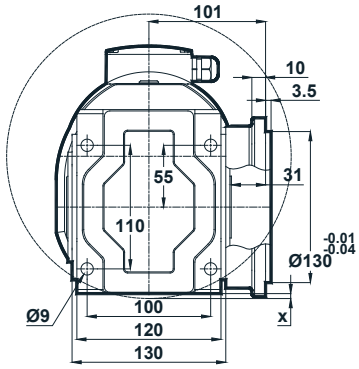
63-71-80-90-100-112
Type

Please see on page 576 for optional flange dimensions

	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	498.5	487.5	539.5	580.5	580.5	609	629.5
k1	559.5	578.5	632.5	684	684	717.5	734
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	0,5	0,5

KV202.03
KV203.03



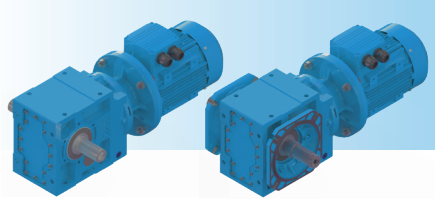


x: If Motor is lower than foot mounting plane

	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	498.5	487.5	539.5	580.5	580.5	609	629.5
k1	559.5	578.5	632.5	684	684	717.5	734
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	0,5	0,5

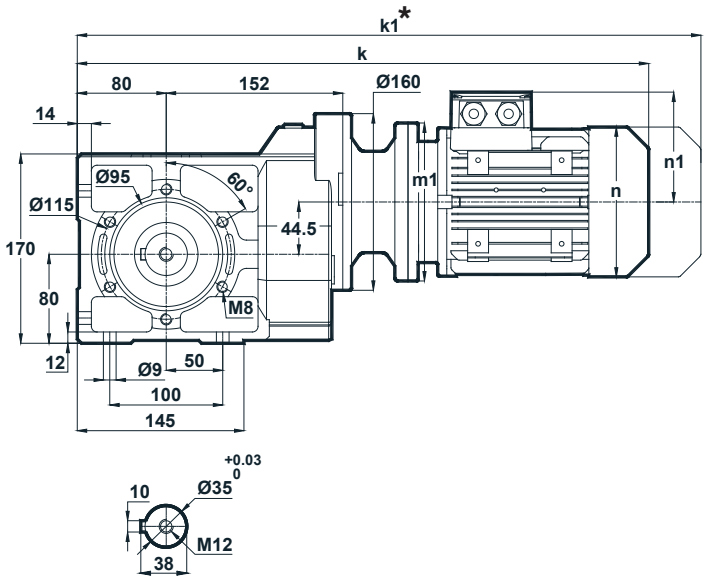
Please see on page 576 for optional flange dimensions

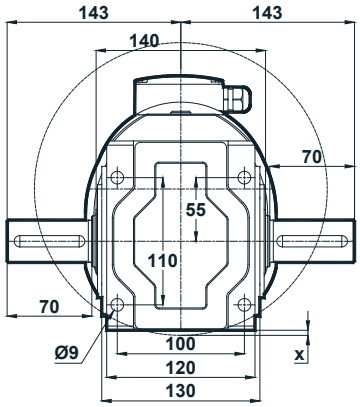
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

KV202.04
KV203.04

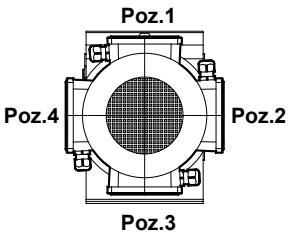




x: If Motor is lower than foot mounting plane

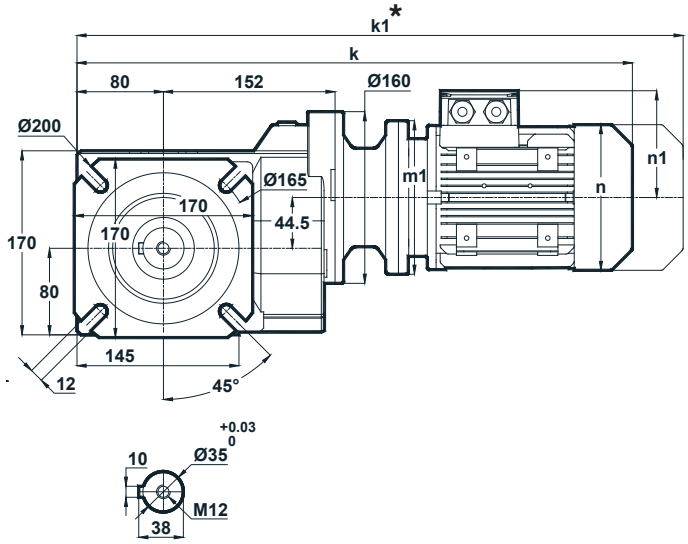
	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	498.5	487.5	539.5	580.5	580.5	609	629.5
k1	559.5	578.5	632.5	684	684	717.5	734
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	0,5	0,5

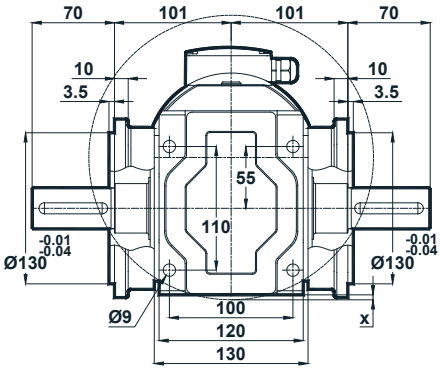
Terminal Box Positions



63-71-80-90-100-112
Type

KV202.05
KV203.05



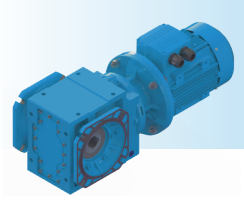


x: If Motor is lower than foot mounting plane

	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	498.5	487.5	539.5	580.5	580.5	609	629.5
k1	559.5	578.5	632.5	684	684	717.5	734
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	0,5	0,5

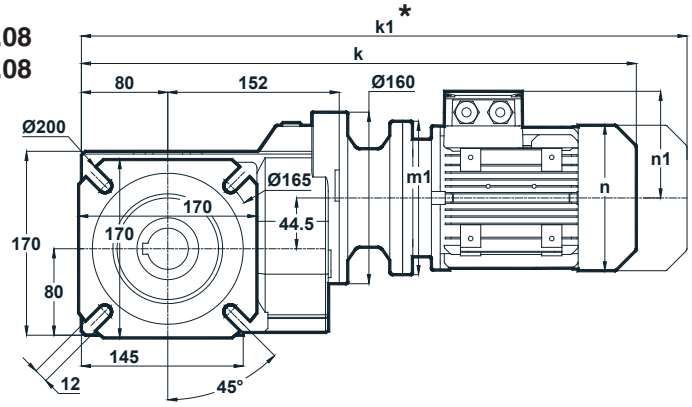
Please see on page 576 for optional flange dimensions

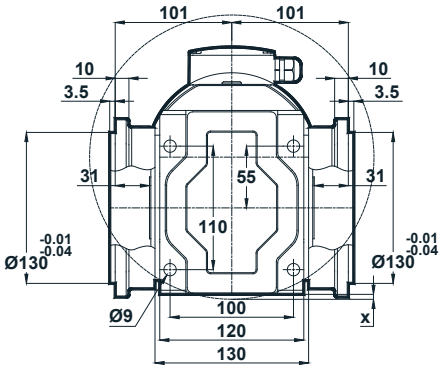
* Dimension " k1" is for motors with brake.

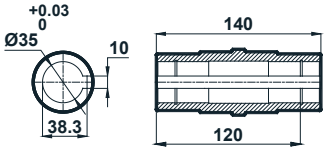


Tapped center hole to DIN 332, sheet 2

KV202.08
KV203.08



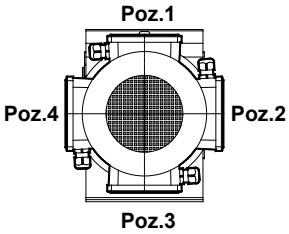




x: If Motor is lower than foot mounting plane

	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	498.5	487.5	539.5	580.5	580.5	609	629.5
k1	559.5	578.5	632.5	684	684	717.5	734
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	0,5	0,5

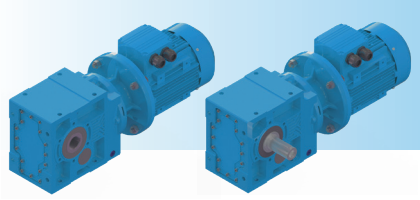
Terminal Box Positions



63-71-80-90-100-112
Type

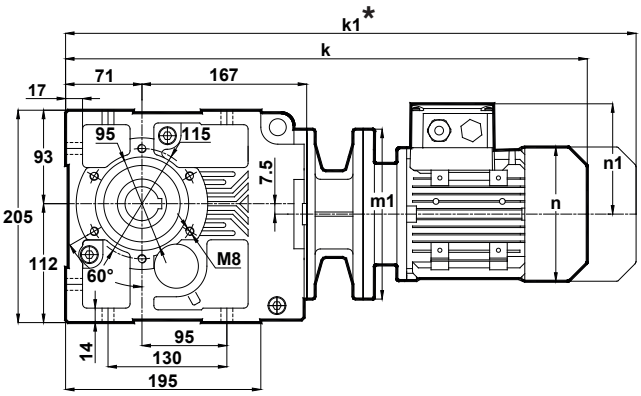
Please see on page 576 for optional flange dimensions

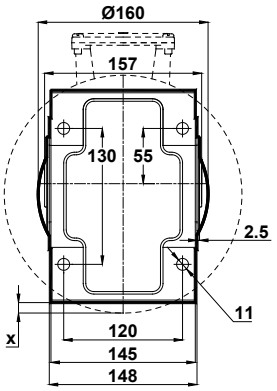
* Dimension " k1" is for motors with brake.



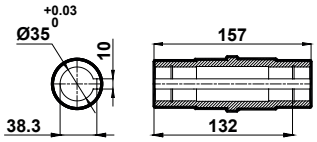
Tapped center hole to DIN 332, sheet 2

KV273.00

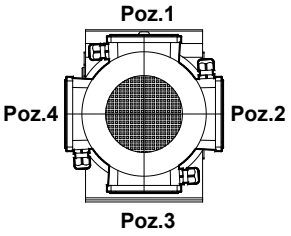




x: If Motor is lower than foot mounting plane



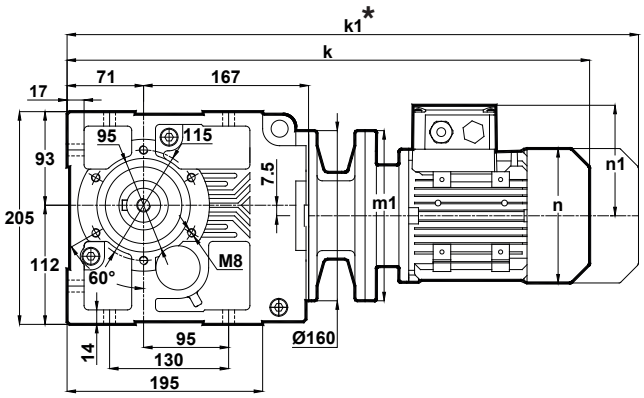
Terminal Box Positions

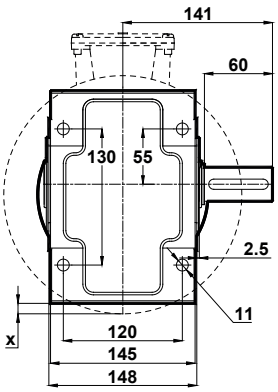


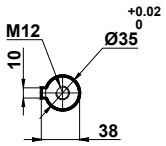
63-71-80-90-100-112
Type

	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	504.5	493.5	545.5	586.5	586.5	615	635.5
k1	565.5	584.5	638.5	690	690	723.5	740
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	20,5	20,5

KV273.01



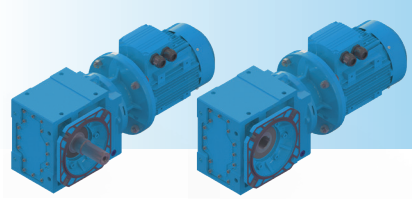




x: If Motor is lower than foot mounting plane

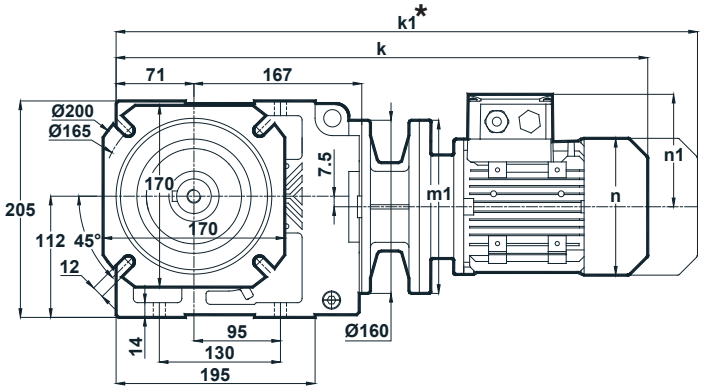
	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	504.5	493.5	545.5	586.5	586.5	615	635.5
k1	565.5	584.5	638.5	690	690	723.5	740
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	20,5	20,5

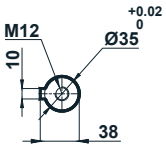
* Dimension " k1" is for motors with brake.

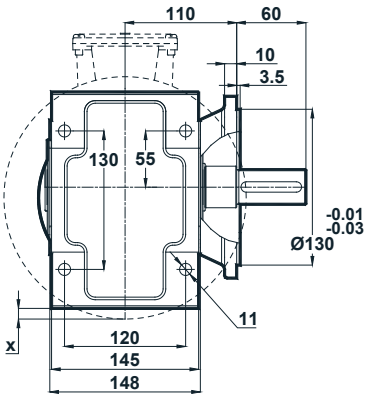


Tapped center hole to DIN 332, sheet 2

KV273.02



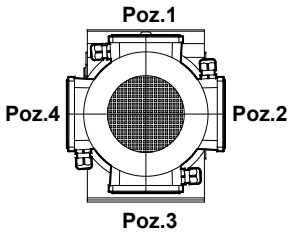




x: If Motor is lower than foot mounting plane

	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	504.5	493.5	545.5	586.5	586.5	615	635.5
k1	565.5	584.5	638.5	690	690	723.5	740
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	20,5	20,5

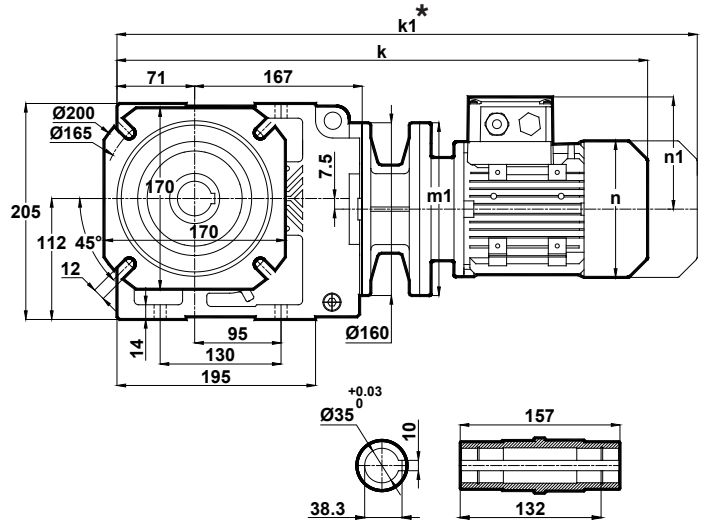
Terminal Box Positions

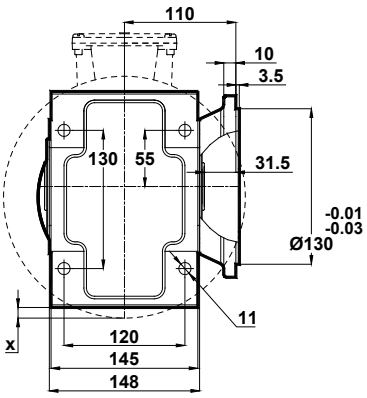


63-71-80-90-100-112
Type

Please see on page 576 for optional flange dimensions

KV273.03



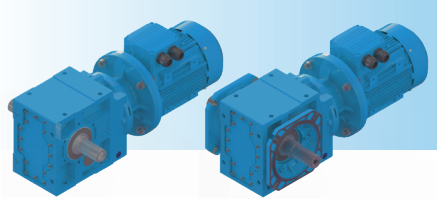


x: If Motor is lower than foot mounting plane

	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	504.5	493.5	545.5	586.5	586.5	615	635.5
k1	565.5	584.5	638.5	690	690	723.5	740
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	20,5	20,5

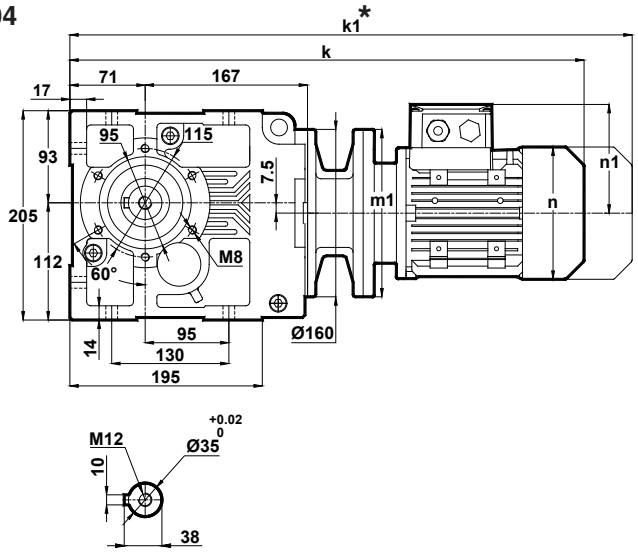
Please see on page 576 for optional flange dimensions

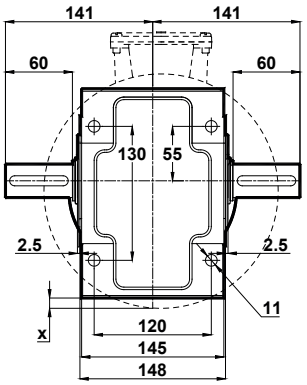
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

KV273.04

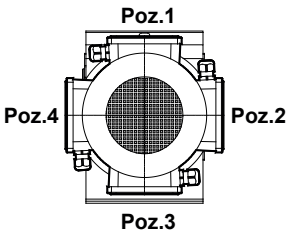




x: If Motor is lower than foot mounting plane

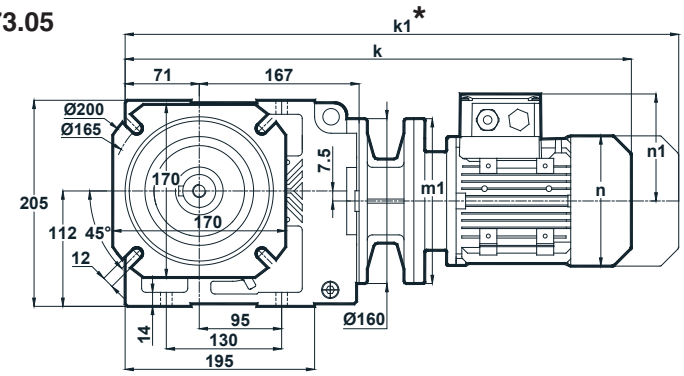
	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	504.5	493.5	545.5	586.5	586.5	615	635.5
k1	565.5	584.5	638.5	690	690	723.5	740
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	20,5	20,5

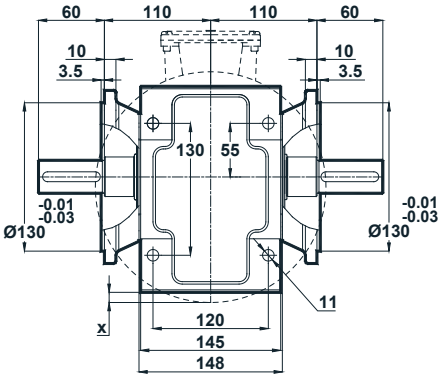
Terminal Box Positions



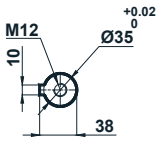
63-71-80-90-100-112
Type

KV273.05





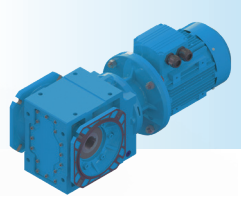
x: If Motor is lower than foot mounting plane



	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	504.5	493.5	545.5	586.5	586.5	615	635.5
k1	565.5	584.5	638.5	690	690	723.5	740
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	20,5	20,5

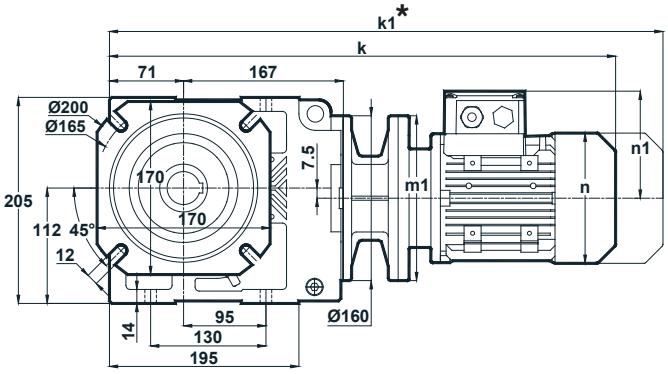
Please see on page 576 for optional flange dimensions

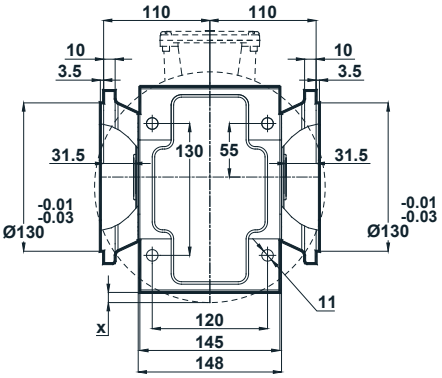
* Dimension " k1" is for motors with brake.

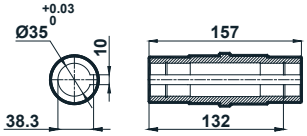


Tapped center hole to DIN 332, sheet 2

KV273.08



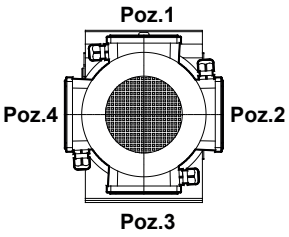




x: If Motor is lower than foot mounting plane

	63/B5	71/B5 71/B14	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	504.5	493.5	545.5	586.5	586.5	615	635.5
k1	565.5	584.5	638.5	690	690	723.5	740
n / n1	121 / 97	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	140	160	200	200	200	250	250
m1 (B14)	-	105	120	140	140	160	160
x	-	-	-	-	-	20,5	20,5

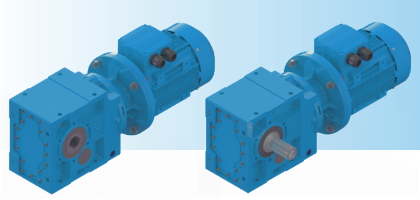
Terminal Box Positions



63-71-80-90-100-112
Type

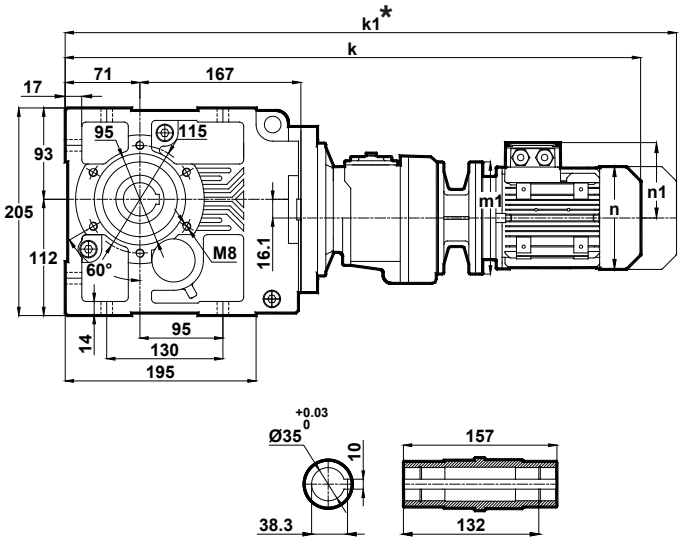
Please see on page 576 for optional flange dimensions

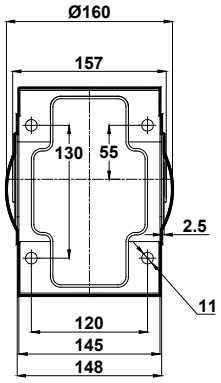
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

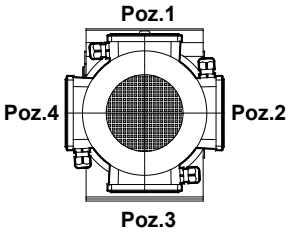
KV275.00
KV276.00





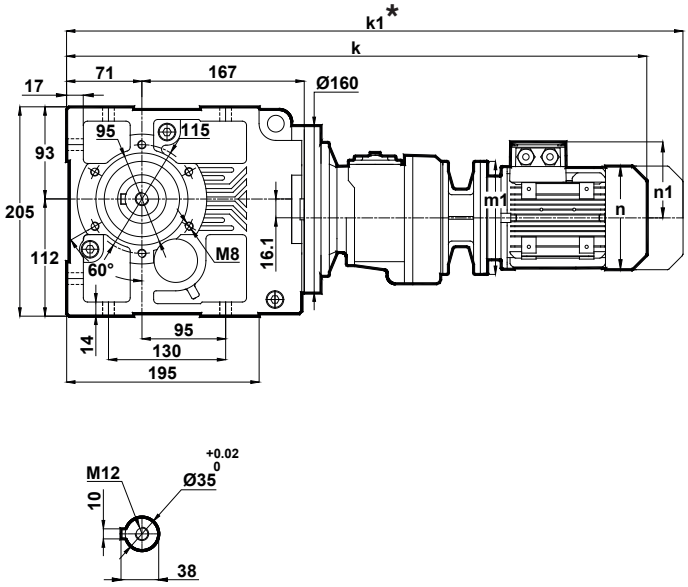
	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14
k	620	639.5	677.5
k1	681	730.5	770.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	90	105	120

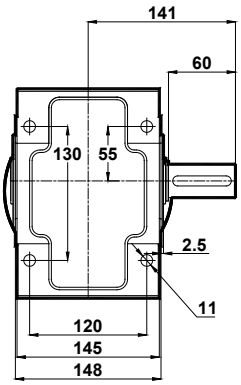
Terminal Box Positions



63-71-80
Type

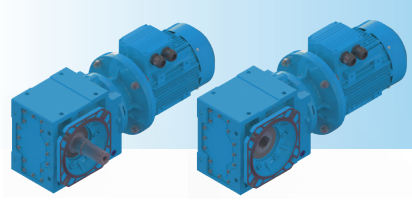
KV275.01
KV276.01





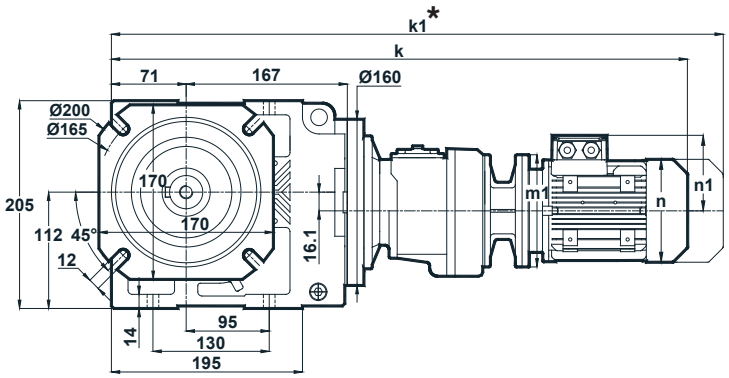
	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14
k	620	639.5	677.5
k1	681	730.5	770.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	90	105	120

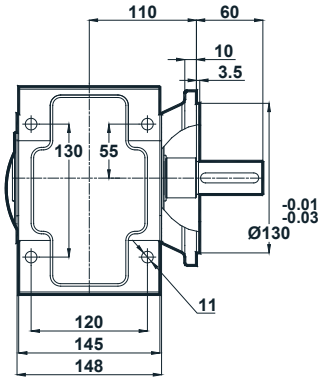
* Dimension " k1" is for motors with brake.

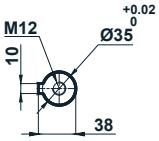


Tapped center hole to DIN 332, sheet 2

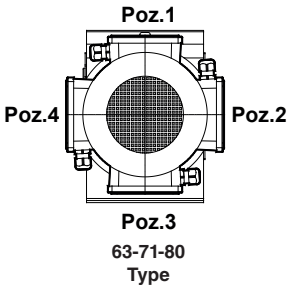
KV275.02
KV276.02







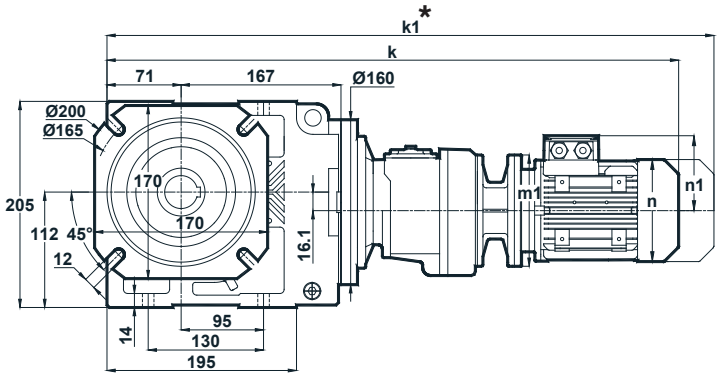
Terminal Box Positions

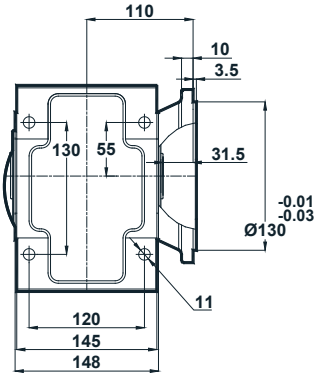


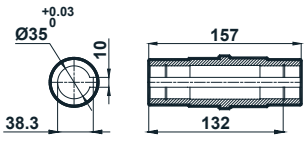
	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14
k	620	639.5	677.5
k1	681	730.5	770.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	90	105	120

Please see on page 576 for optional flange dimensions

KV275.03
KV276.03



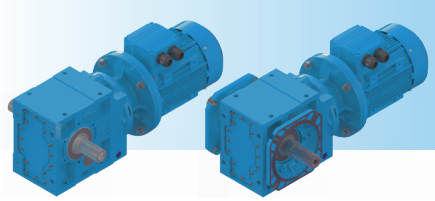




	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14
k	620	639.5	677.5
k1	681	730.5	770.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	90	105	120

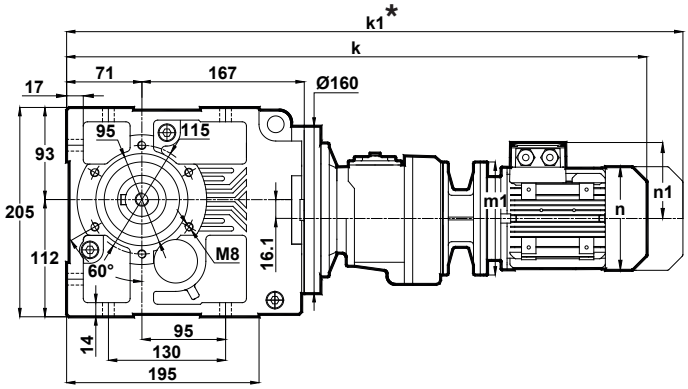
Please see on page 576 for optional flange dimensions

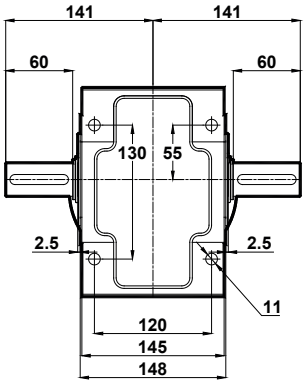
* Dimension " k1" is for motors with brake.

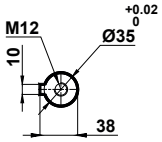


Tapped center hole to DIN 332, sheet 2

KV275.04
KV276.04

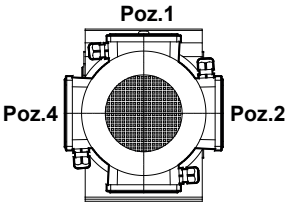






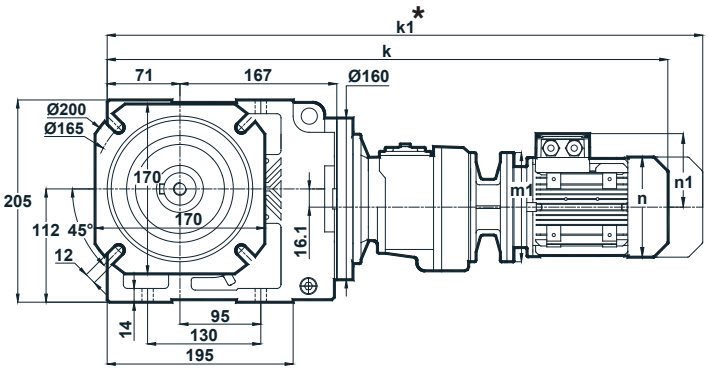
	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14
k	620	639.5	677.5
k1	681	730.5	770.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	90	105	120

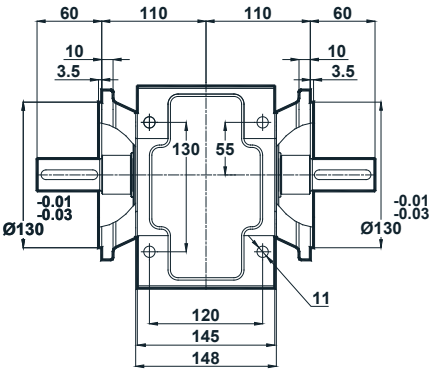
Terminal Box Positions

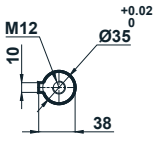


63-71-80
Type

KV275.05
KV276.05



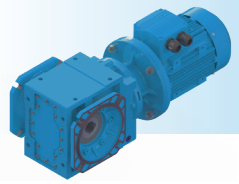




	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14
k	620	639.5	677.5
k1	681	730.5	770.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	90	105	120

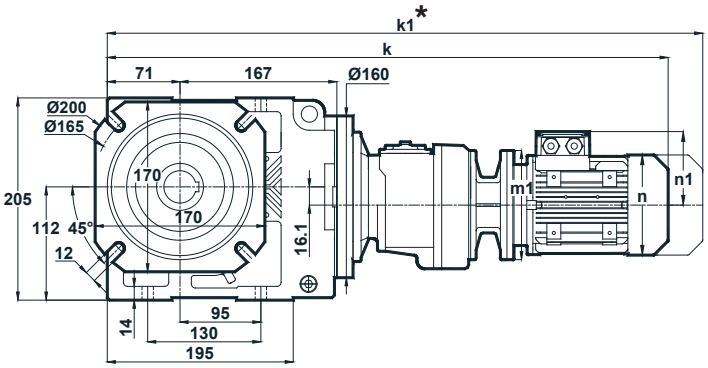
Please see on page 576 for optional flange dimensions

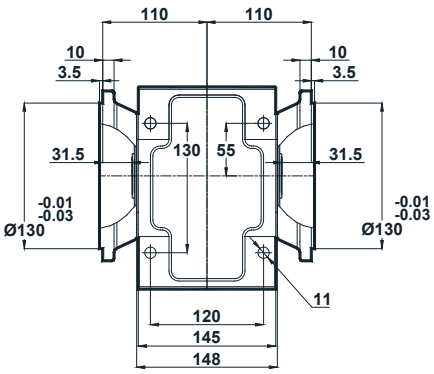
* Dimension " k1" is for motors with brake.

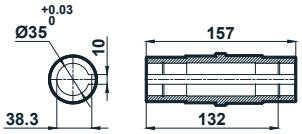


Tapped center hole to DIN 332, sheet 2

KV275.08
KV276.08

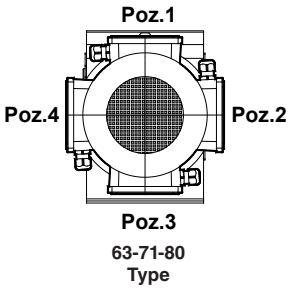






	63/B5 63/B14	71/B5 71/B14	80/B5 80/B14
k	620	639.5	677.5
k1	681	730.5	770.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	90	105	120

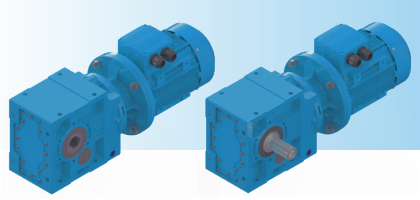
Terminal Box Positions



63-71-80
Type

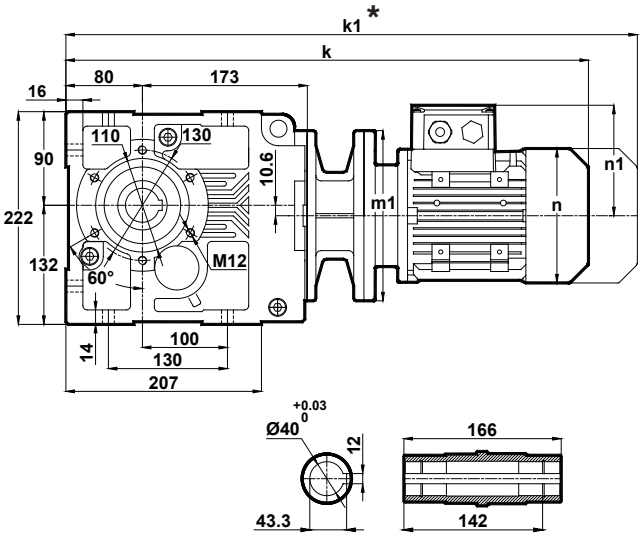
Please see on page 576 for optional flange dimensions

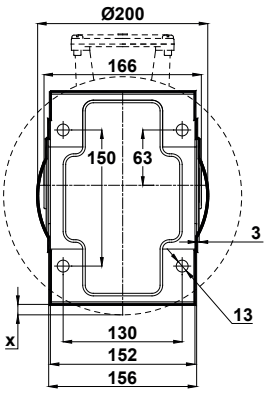
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

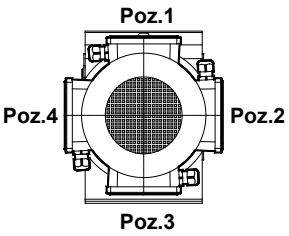
KV283.00





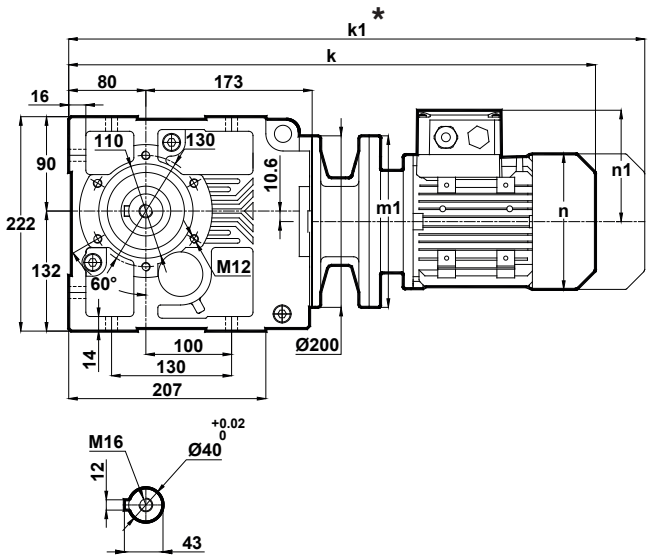
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	530.5	553.5	594.5	594.5	647	667.5	771.5	771.5
k1	621.5	646.5	698	698	755.5	772	901.5	901.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	3.6	3.6	28.6	28.6

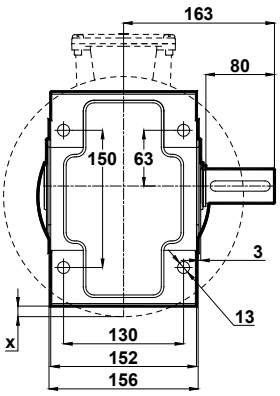
Terminal Box Positions



71-80-90-100-112-132
Type

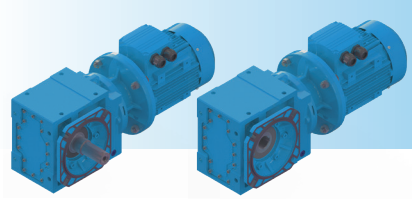
KV283.01





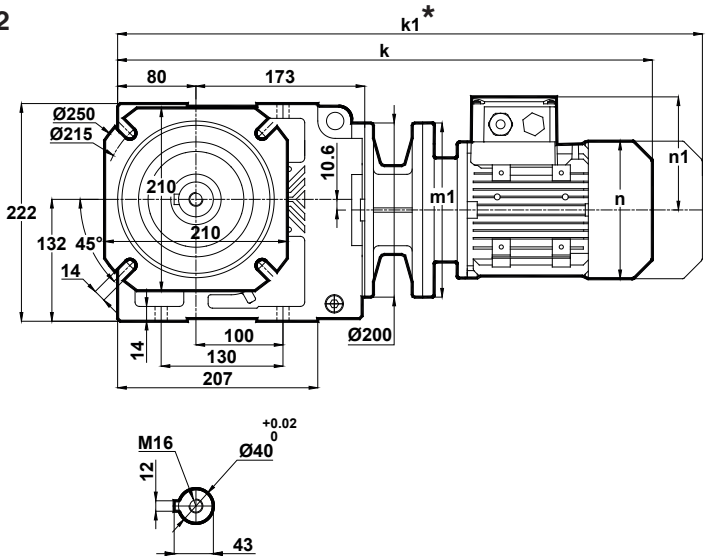
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	530.5	553.5	594.5	594.5	647	667.5	771.5	771.5
k1	621.5	646.5	698	698	755.5	772	901.5	901.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	3.6	3.6	28.6	28.6

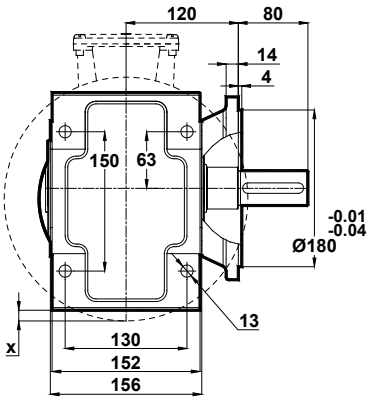
* Dimension " k1" is for motors with brake.



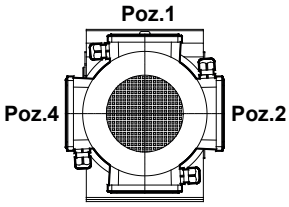
Tapped center hole to DIN 332, sheet 2

KV283.02





Terminal Box Positions

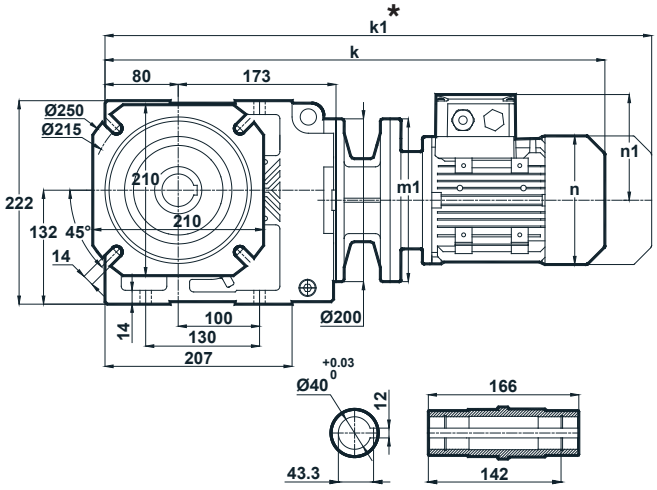


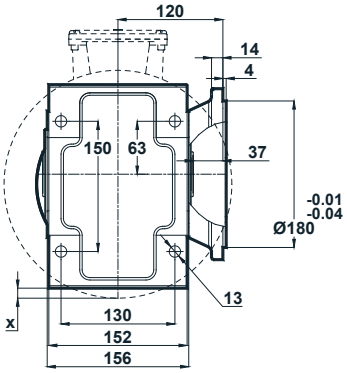
71-80-90-100-112-132
Type

	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	530.5	553.5	594.5	594.5	647	667.5	771.5	771.5
k1	621.5	646.5	698	698	755.5	772	901.5	901.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	3.6	3.6	28.6	28.6

Please see on page 576 for optional flange dimensions

KV283.03

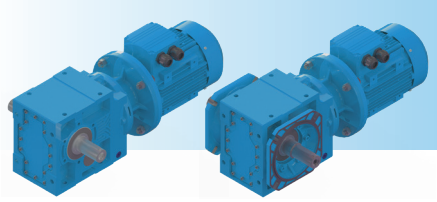




	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	530.5	553.5	594.5	594.5	647	667.5	771.5	771.5
k1	621.5	646.5	698	698	755.5	772	901.5	901.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	3.6	3.6	28.6	28.6

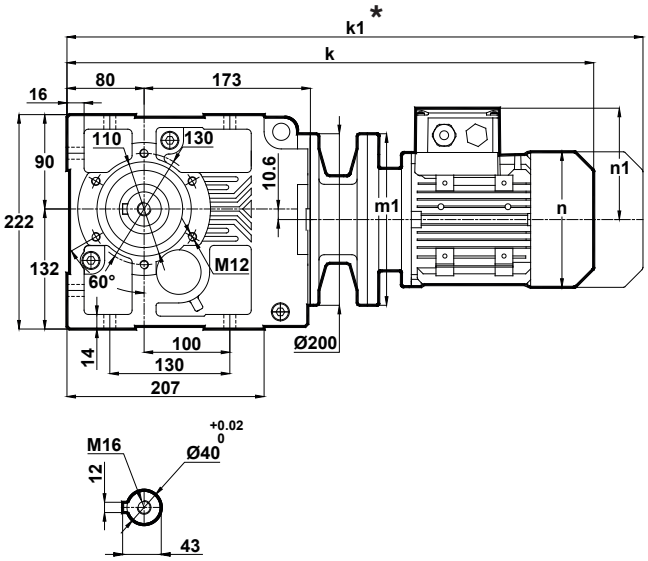
Please see on page 576 for optional flange dimensions

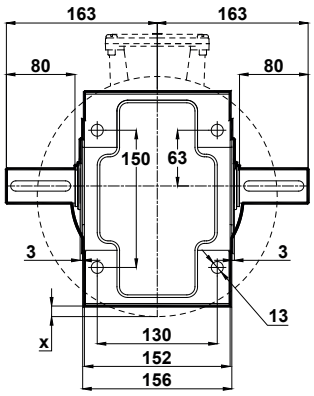
* Dimension " k1" is for motors with brake.



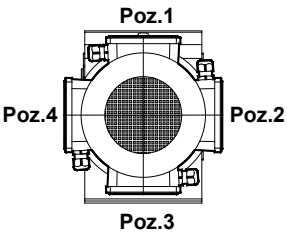
Tapped center hole to DIN 332, sheet 2

KV283.04





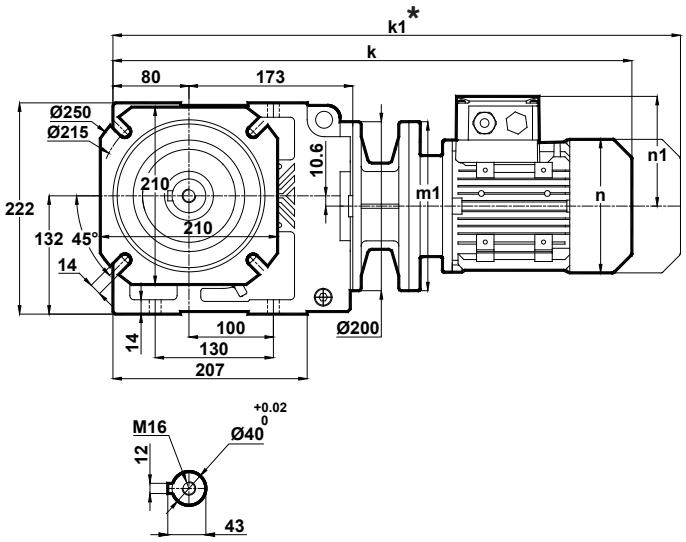
Terminal Box Positions

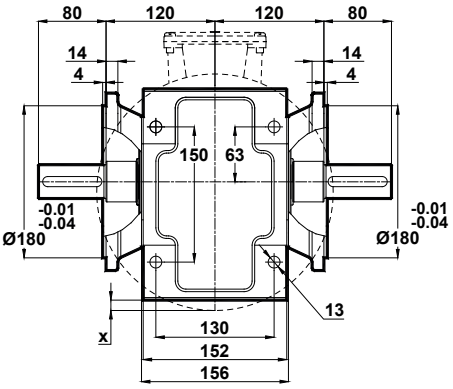


71-80-90-100-112-132 Type

	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	530.5	553.5	594.5	594.5	647	667.5	771.5	771.5
k1	621.5	646.5	698	698	755.5	772	901.5	901.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	3.6	3.6	28.6	28.6

KV283.05

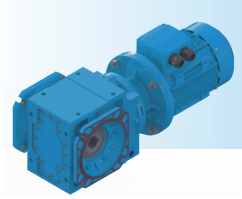




Please see on page 576 for optional flange dimensions

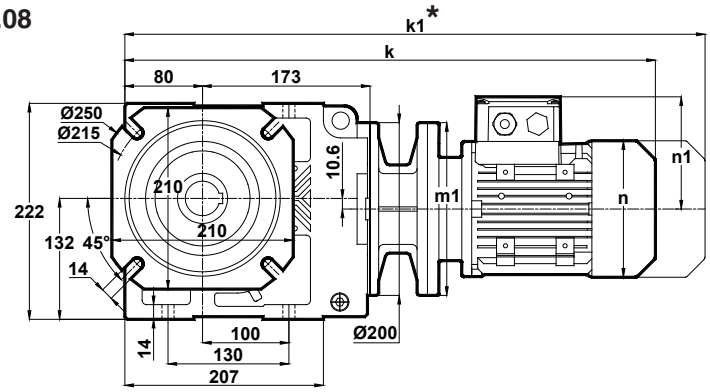
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	530.5	553.5	594.5	594.5	647	667.5	771.5	771.5
k1	621.5	646.5	698	698	755.5	772	901.5	901.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	3.6	3.6	28.6	28.6

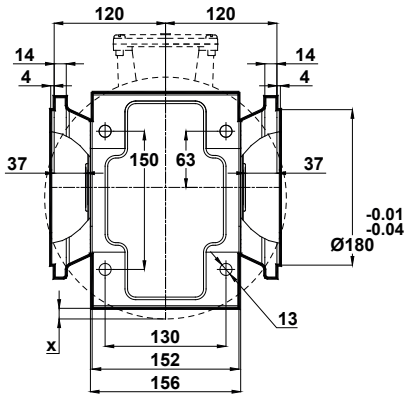
* Dimension " k1" is for motors with brake.

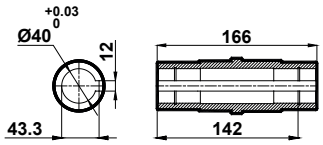


Tapped center hole to DIN 332, sheet 2

KV283.08

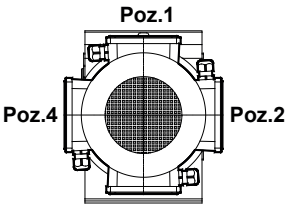






	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	530.5	553.5	594.5	594.5	647	667.5	771.5	771.5
k1	621.5	646.5	698	698	755.5	772	901.5	901.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	3.6	3.6	28.6	28.6

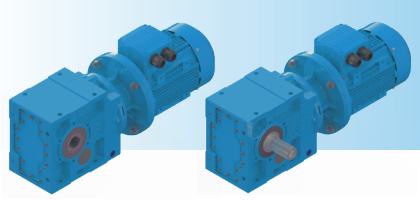
Terminal Box Positions



71-80-90-100-112-132
Type

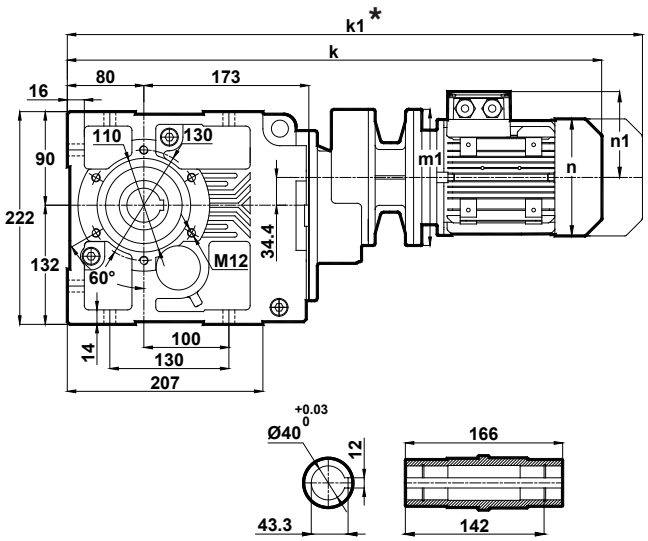
Please see on page 576 for optional flange dimensions

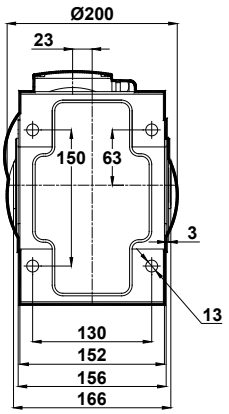
* Dimension " k1" is for motors with brake.



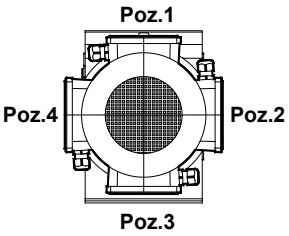
Tapped center hole to DIN 332, sheet 2

KV284.00





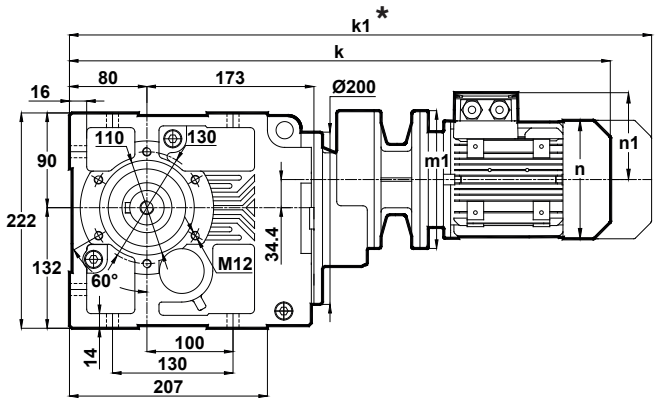
Terminal Box Positions

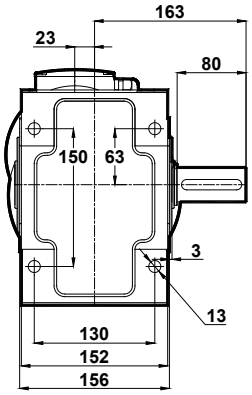


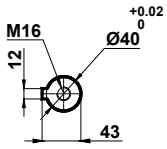
71-80-90-100-112 Type

	63/B5	71/B5 71/B14	80/B5 80/B14
k	589.5	578.5	630.5
k1	650.5	669.5	723.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

KV284.01





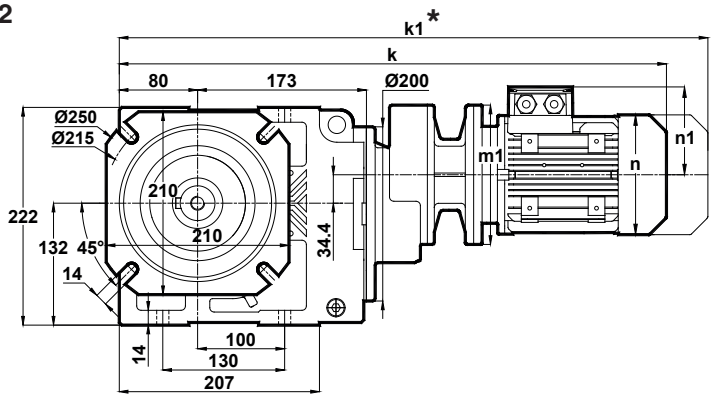


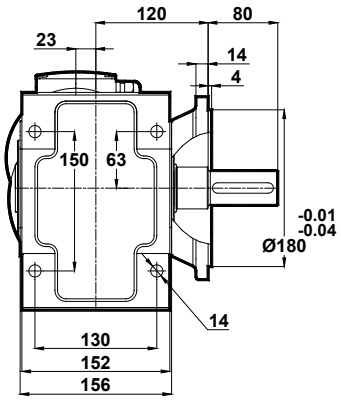
	63/B5	71/B5 71/B14	80/B5 80/B14
k	589.5	578.5	630.5
k1	650.5	669.5	723.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

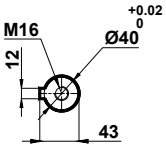
* Dimension " k1" is for motors with brake.

Tapped center hole to DIN 332, sheet 2

KV284.02

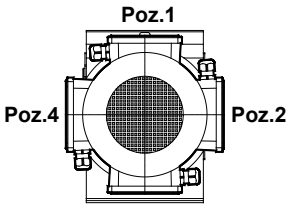






	63/B5	71/B5 71/B14	80/B5 80/B14
k	589.5	578.5	630.5
k1	650.5	669.5	723.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

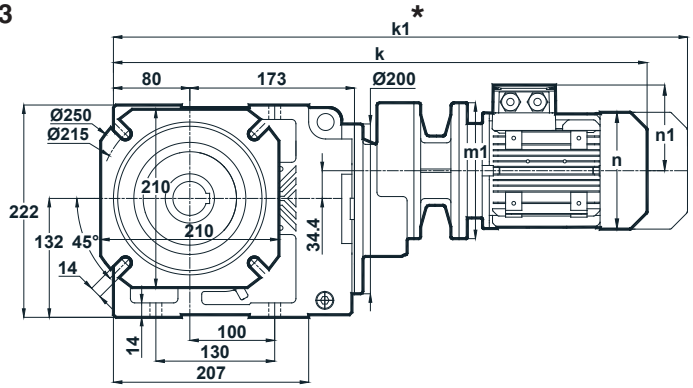
Terminal Box Positions

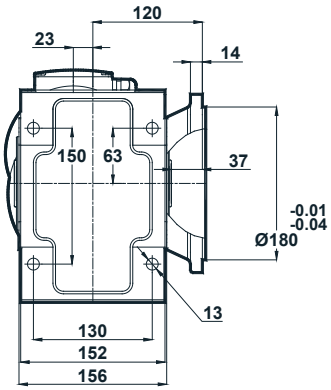


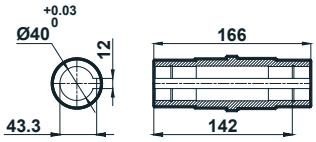
71-80-90-100-112
Type

Please see on page 576 for optional flange dimensions

KV284.03



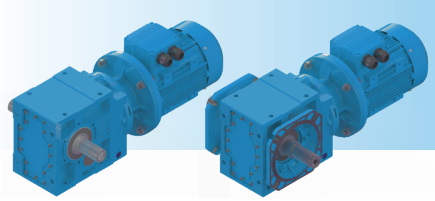




	63/B5	71/B5 71/B14	80/B5 80/B14
k	589.5	578.5	630.5
k1	650.5	669.5	723.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

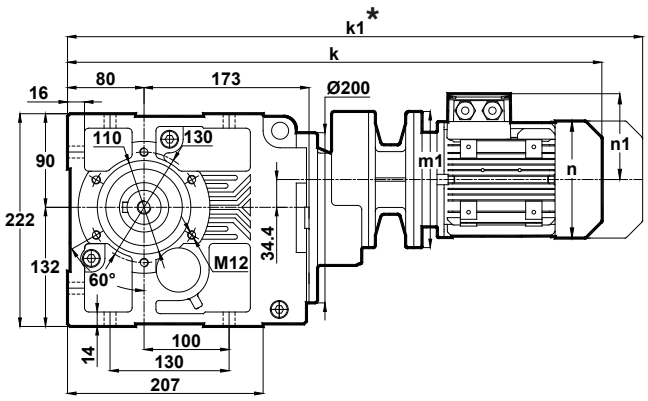
Please see on page 576 for optional flange dimensions

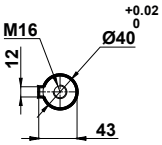
* Dimension " k1" is for motors with brake.

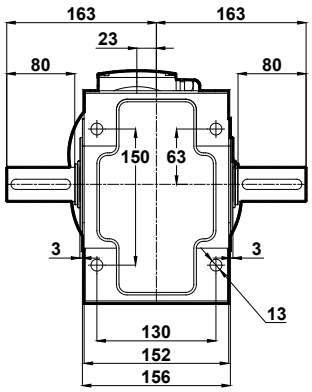


Tapped center hole to DIN 332, sheet 2

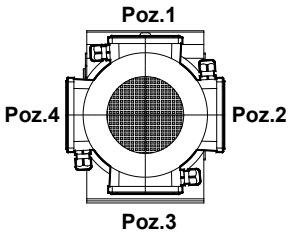
KV284.04







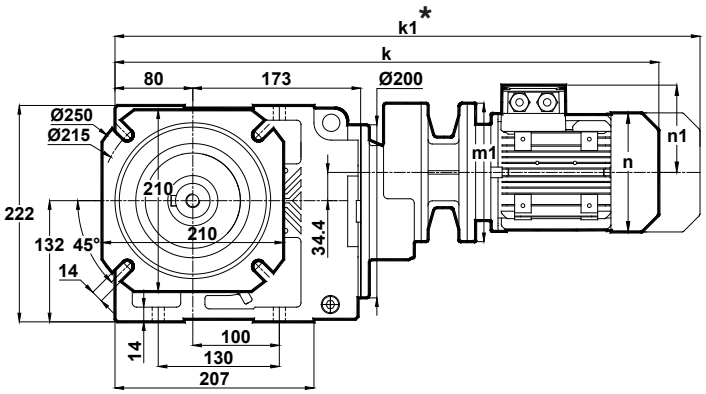
Terminal Box Positions

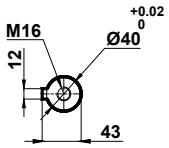


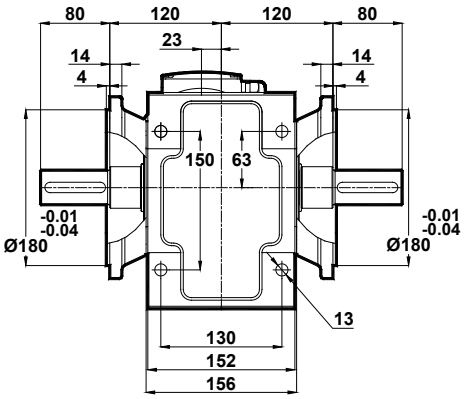
63-71-80
Type

	63/B5	71/B5 71/B14	80/B5 80/B14
k	589.5	578.5	630.5
k1	650.5	669.5	723.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

KV284.05



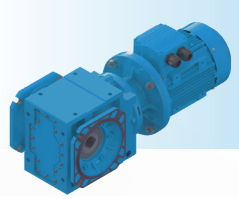




Please see on page 576 for optional flange dimensions

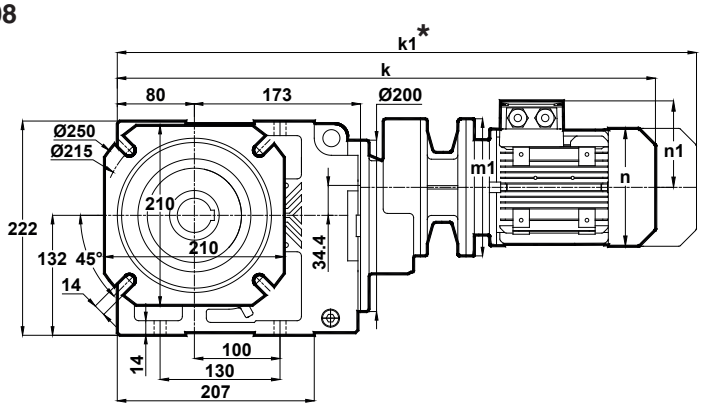
	63/B5	71/B5 71/B14	80/B5 80/B14
k	589.5	578.5	630.5
k1	650.5	669.5	723.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

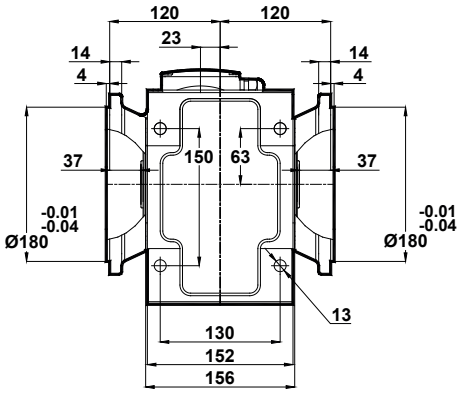
* Dimension " k1" is for motors with brake.

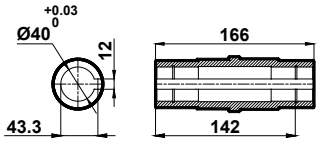


Tapped center hole to DIN 332, sheet 2

KV284.08

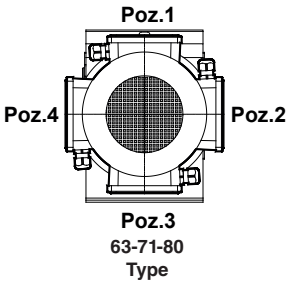






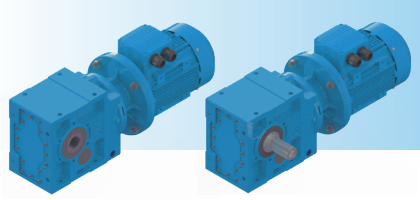
	63/B5	71/B5 71/B14	80/B5 80/B14
k	589.5	578.5	630.5
k1	650.5	669.5	723.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

Terminal Box Positions



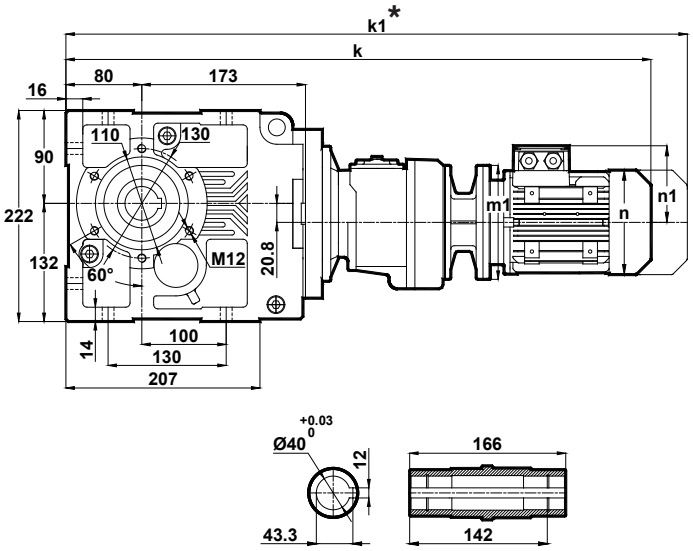
Please see on page 576 for optional flange dimensions

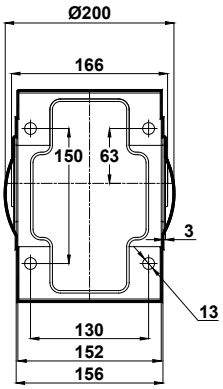
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

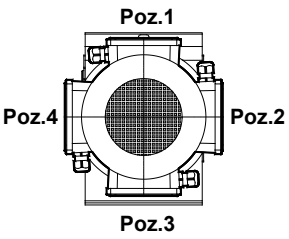
KV285.00
KV286.00





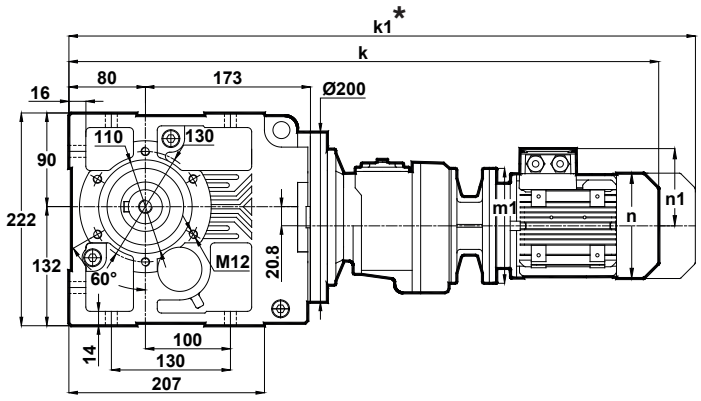
	63/B5
k	742
k1	803
n / n1	121 / 97
m1 (B5)	140
m1 (B14)	-

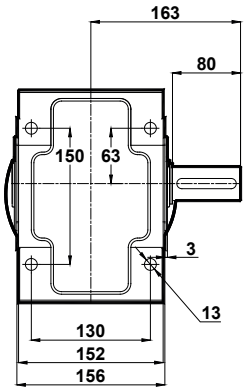
Terminal Box Positions

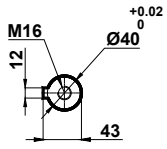


63
Type

KV285.01
KV286.01

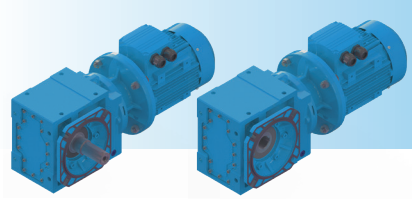






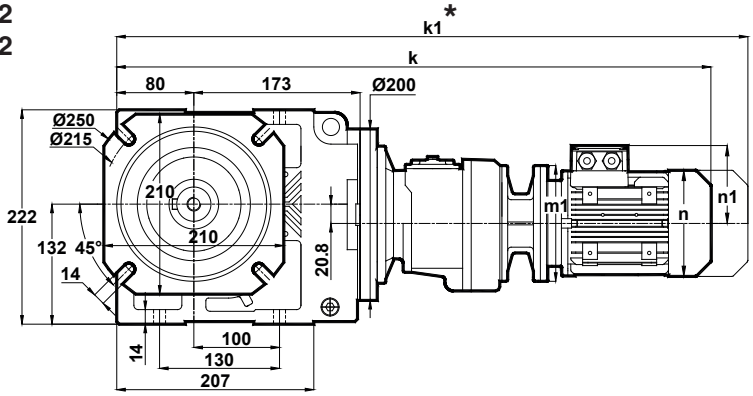
	63/B5
k	742
k1	803
n / n1	121 / 97
m1 (B5)	140
m1 (B14)	-

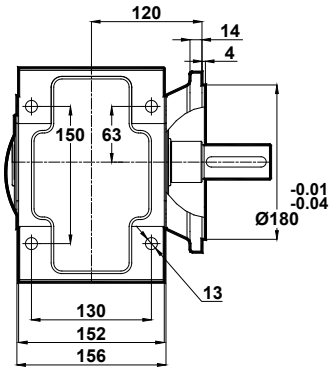
* Dimension " k1" is for motors with brake.

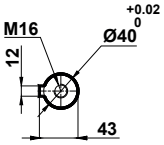


Tapped center hole to DIN 332, sheet 2

KV285.02
KV286.02

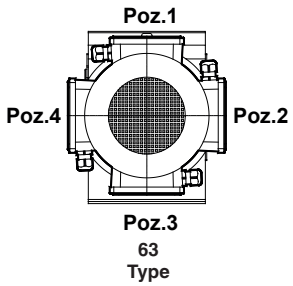






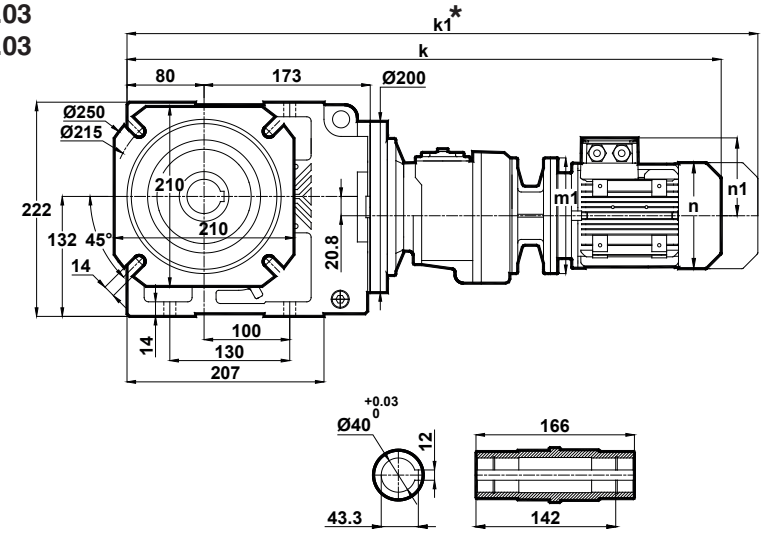
	63/B5
k	742
k1	803
n / n1	121 / 97
m1 (B5)	140
m1 (B14)	-

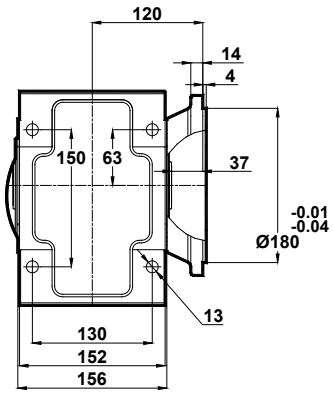
Terminal Box Positions



Please see on page 576 for optional flange dimensions

KV285.03
KV286.03

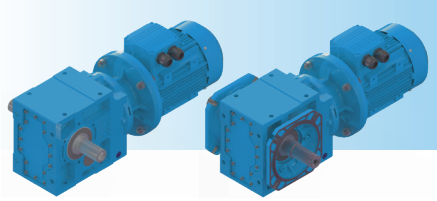




	63/B5
k	742
k1	803
n / n1	121 / 97
m1 (B5)	140
m1 (B14)	-

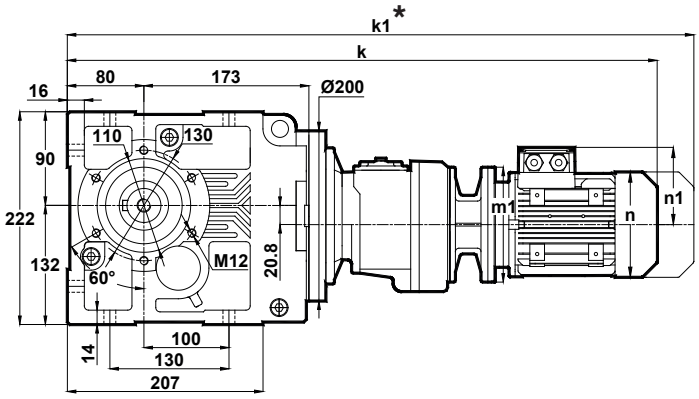
Please see on page 576 for optional flange dimensions

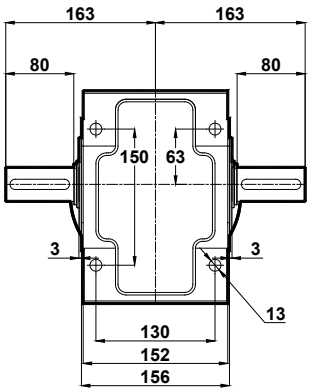
* Dimension " k1" is for motors with brake.

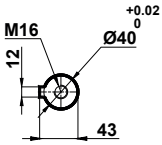


Tapped center hole to DIN 332, sheet 2

KV285.04
KV286.04

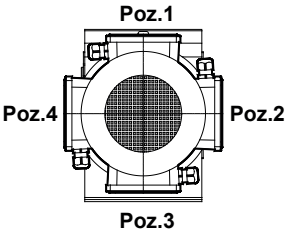






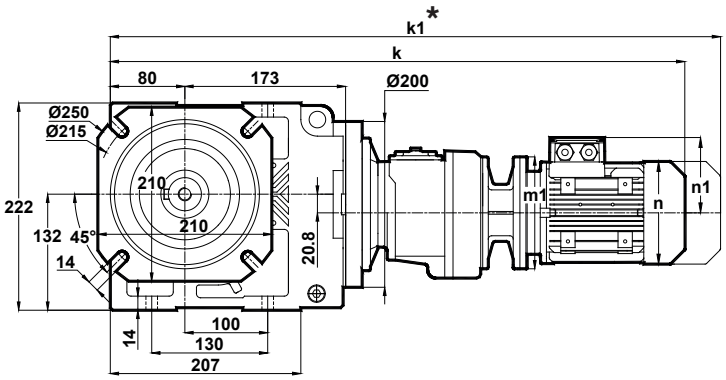
	63/B5
k	742
k1	803
n / n1	121 / 97
m1 (B5)	140
m1 (B14)	-

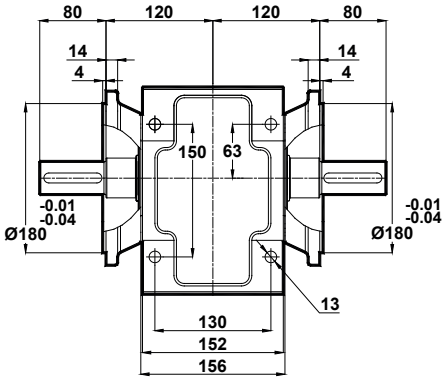
Terminal Box Positions

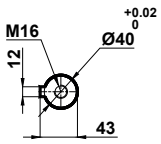


63
Type

KV285.05
KV286.05



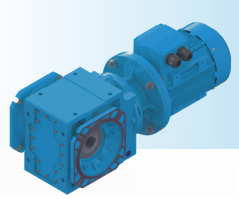




Please see on page 576 for optional flange dimensions

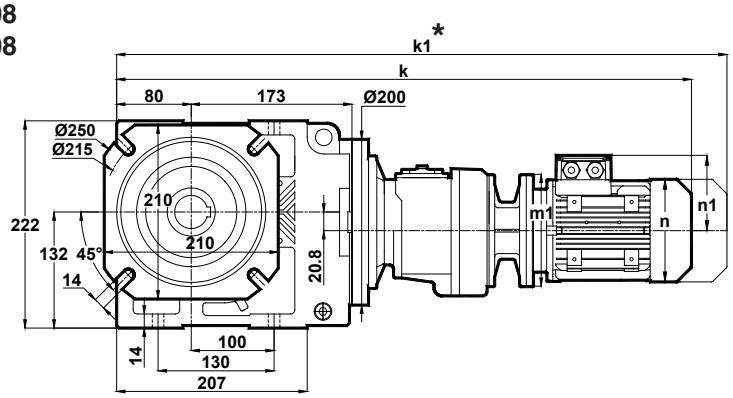
	63/B5
k	742
k1	803
n / n1	121 / 97
m1 (B5)	140
m1 (B14)	-

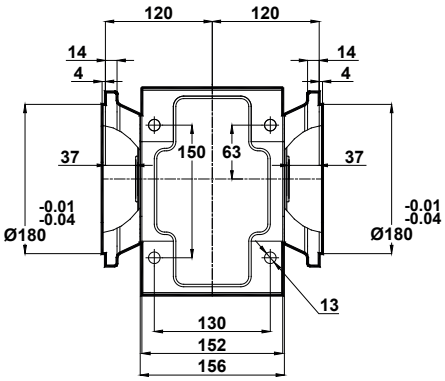
* Dimension " k1" is for motors with brake.

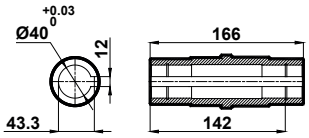


Tapped center hole to DIN 332, sheet 2

KV285.08
KV286.08

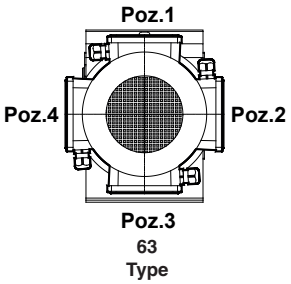






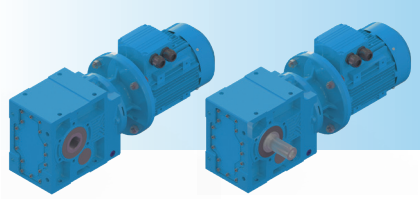
	63/B5
k	742
k1	803
n / n1	121 / 97
m1 (B5)	140
m1 (B14)	-

Terminal Box Positions



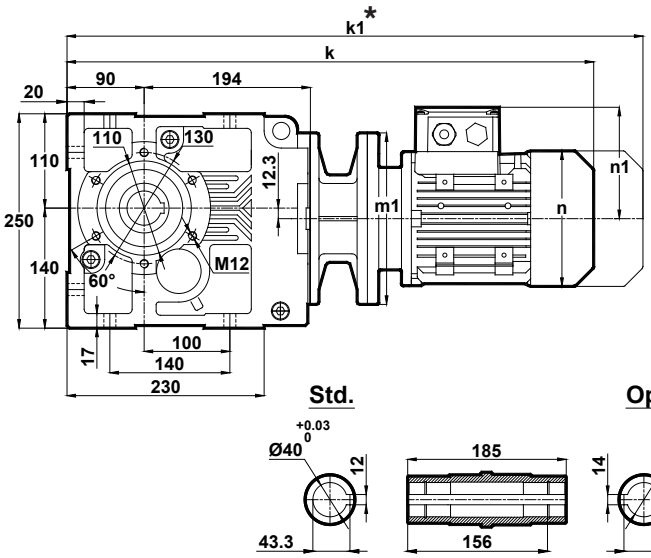
Please see on page 576 for optional flange dimensions

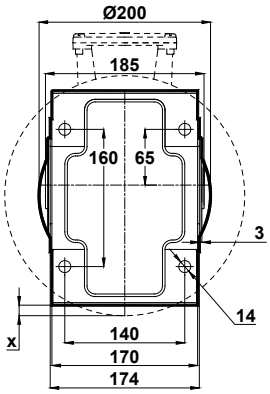
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

KV373.00

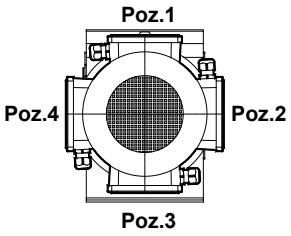




x: If Motor is lower than foot mounting plane

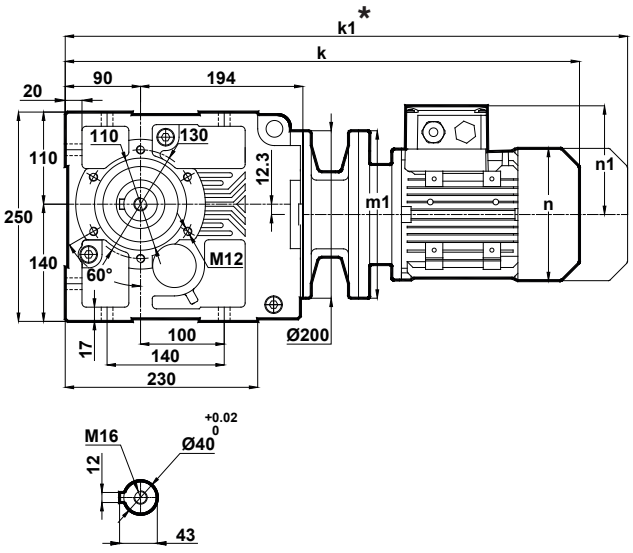
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	561.5	584.5	625.5	625.5	678	698.5	802.5	802.5
k1	652.5	677.5	729	729	786.5	803	932.5	932.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	-	-	22,3	22,3

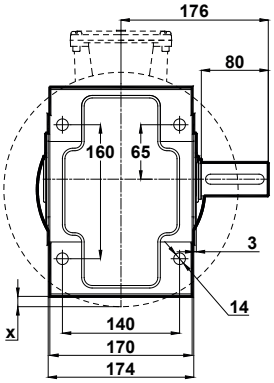
Terminal Box Positions



71-80-90-100-112-132 Type

KV373.01

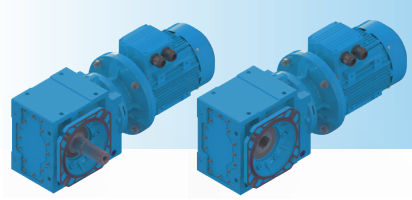




x: If Motor is lower than foot mounting plane

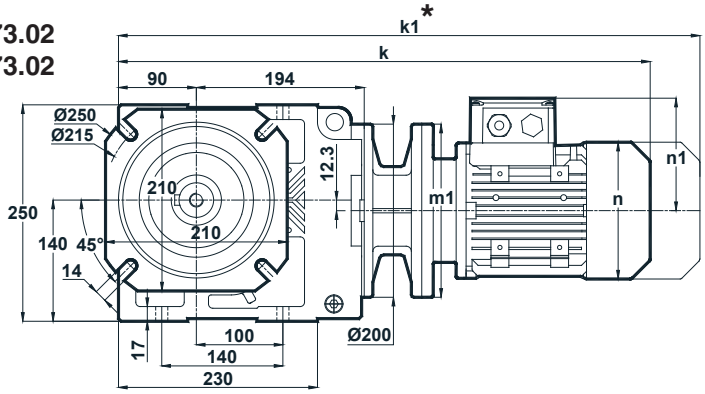
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	561.5	584.5	625.5	625.5	678	698.5	802.5	802.5
k1	652.5	677.5	729	729	786.5	803	932.5	932.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	-	-	22,3	22,3

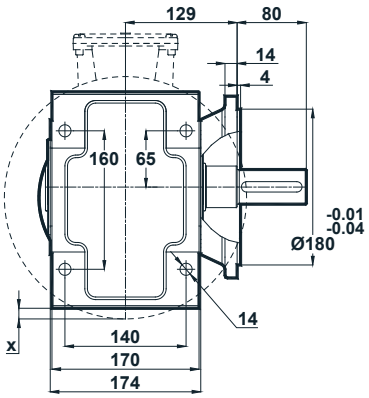
* Dimension " k1" is for motors with brake.



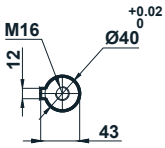
Tapped center hole to DIN 332, sheet 2

KV373.02
KV373.02

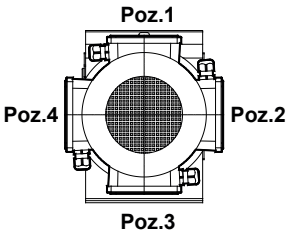




x: If Motor is lower than foot mounting plane



Terminal Box Positions

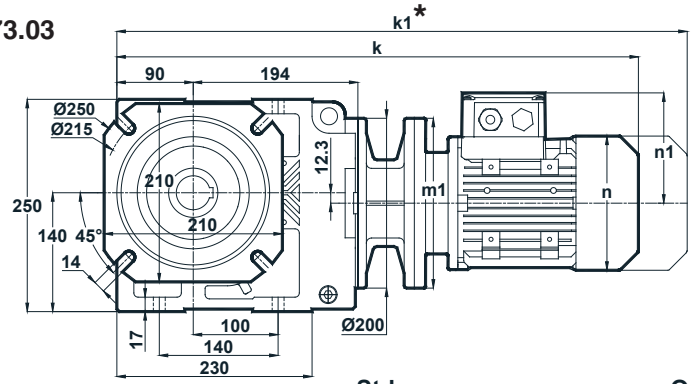


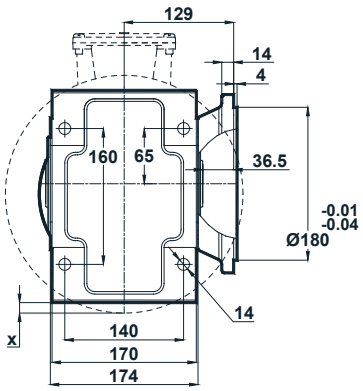
71-80-90-100-112-132
Type

	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	561.5	584.5	625.5	625.5	678	698.5	802.5	802.5
k1	652.5	677.5	729	729	786.5	803	932.5	932.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	-	-	22,3	22,3

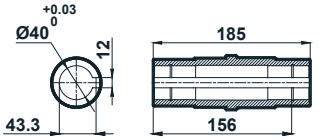
Please see on page 576 for optional flange dimensions

KV373.03

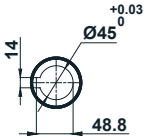




Std.



Ops.

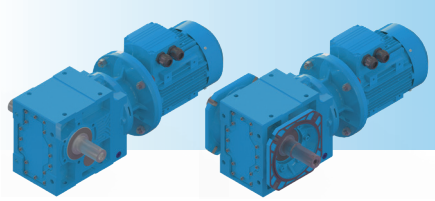


x: If Motor is lower than foot mounting plane

	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	561.5	584.5	625.5	625.5	678	698.5	802.5	802.5
k1	652.5	677.5	729	729	786.5	803	932.5	932.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	-	-	22,3	22,3

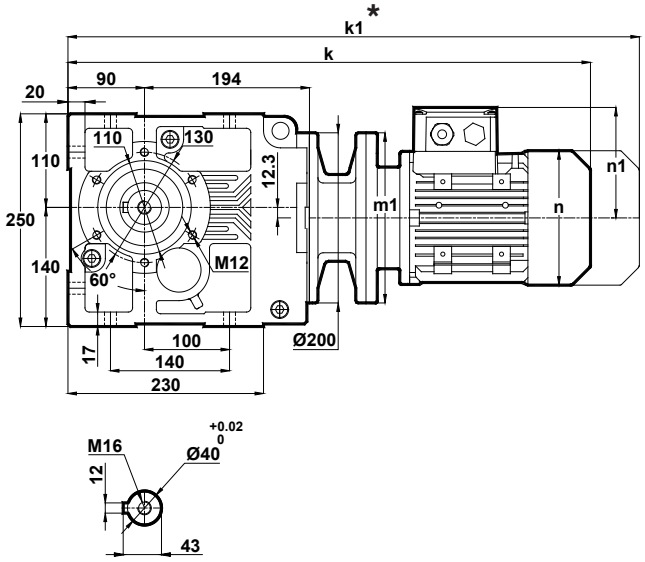
Please see on page 576 for optional flange dimensions

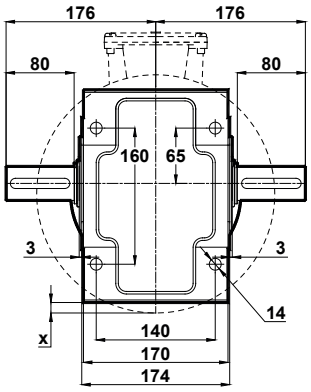
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

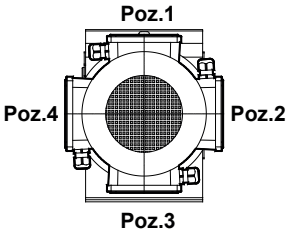
KV373.04
KV373.04





x: If Motor is lower than foot mounting plane

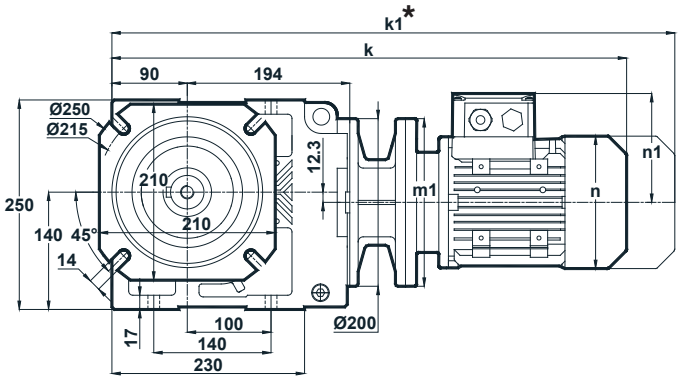
Terminal Box Positions

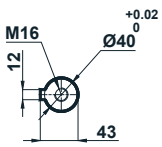


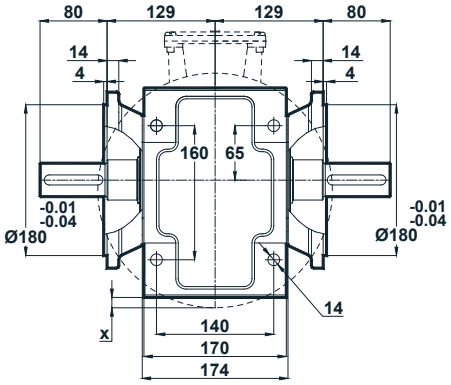
71-80-90-100-112-132
Type

	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	561.5	584.5	625.5	625.5	678	698.5	802.5	802.5
k1	652.5	677.5	729	729	786.5	803	932.5	932.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	-	-	22,3	22,3

KV373.05
KV373.05







x: If Motor is lower than foot mounting plane

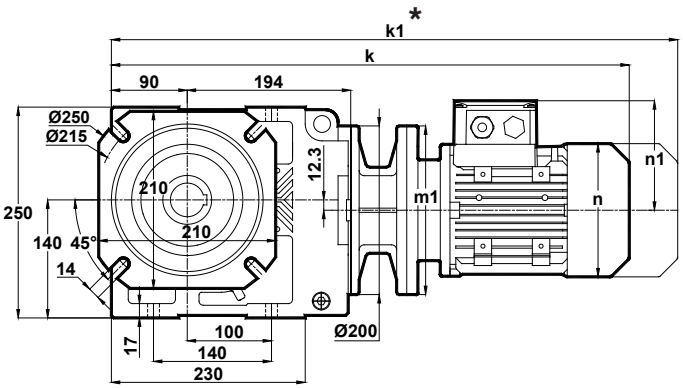
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	561.5	584.5	625.5	625.5	678	698.5	802.5	802.5
k1	652.5	677.5	729	729	786.5	803	932.5	932.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	-	-	22,3	22,3

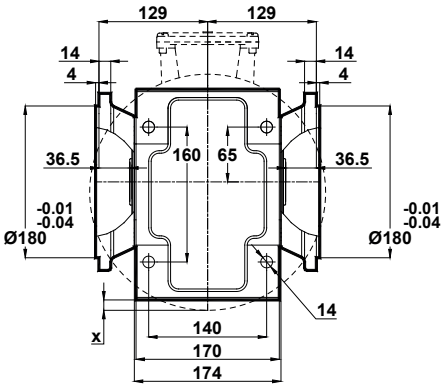
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

Tapped center hole to DIN 332, sheet 2

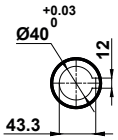
KV373.08
KV373.08

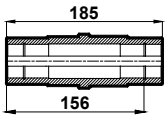




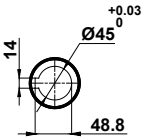
x: If Motor is lower than foot mounting plane

Std.



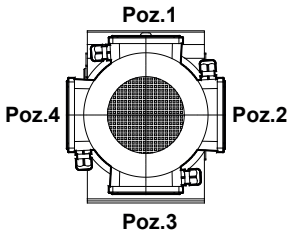


Ops.



	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	561.5	584.5	625.5	625.5	678	698.5	802.5	802.5
k1	652.5	677.5	729	729	786.5	803	932.5	932.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	160	200	200	200	250	250	300	300
m1 (B14)	-	120	140	140	160	160	200	200
x	-	-	-	-	-	-	22,3	22,3

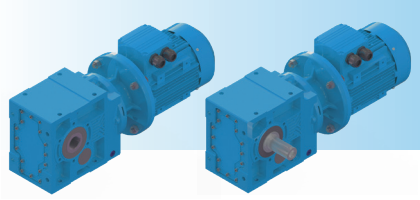
Terminal Box Positions



71-80-90-100-112-132
Type

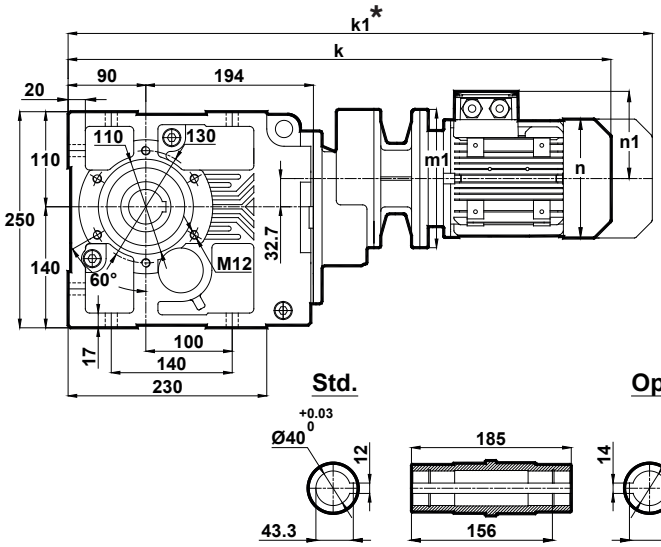
Please see on page 576 for optional flange dimensions

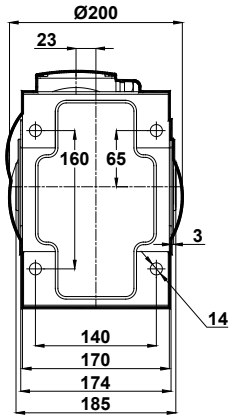
* Dimension " k1" is for motors with brake.



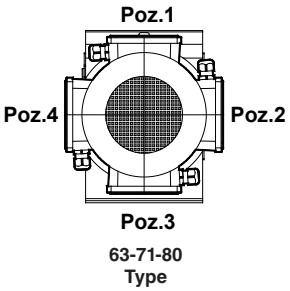
Tapped center hole to DIN 332, sheet 2

KV374.00





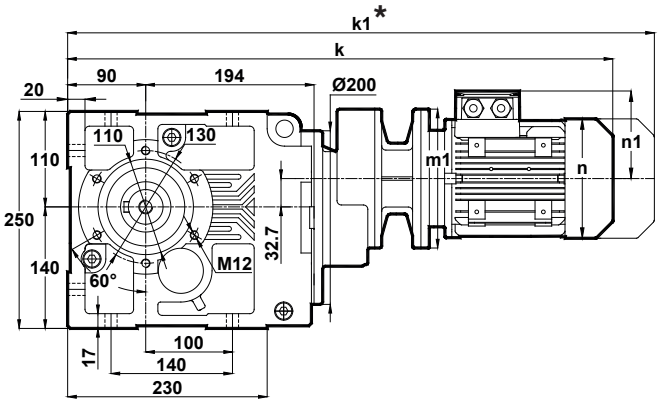
Terminal Box Positions

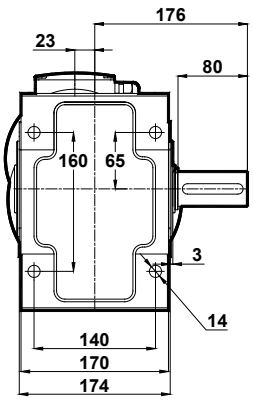


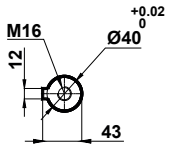
63-71-80
Type

	63/B5	71/B5 71/B14	80/B5 80/B14
k	620.5	609.5	661.5
k1	681.5	700.5	754.5
n / n1	121 / 97	137 / 121	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

KV374.01

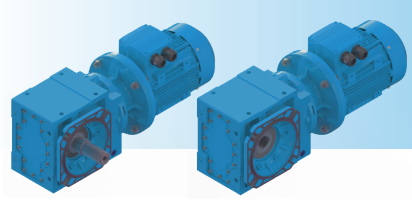






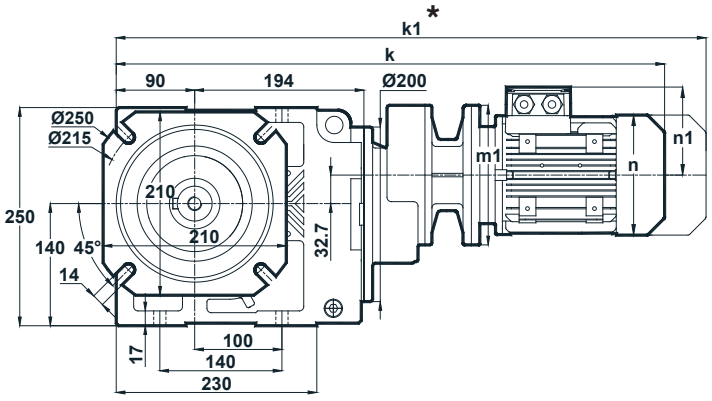
	63/B5	71/B5 71/B14	80/B5 80/B14
k	620.5	609.5	661.5
k1	681.5	700.5	754.5
n / n1	121 / 97	137 / 121	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

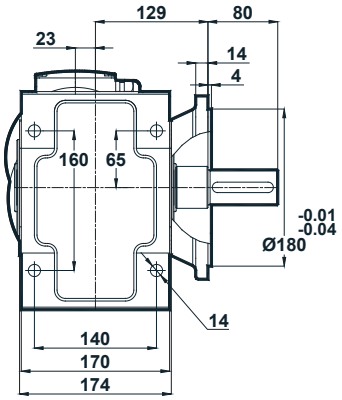
* Dimension " k1" is for motors with brake.



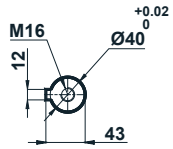
Tapped center hole to DIN 332, sheet 2

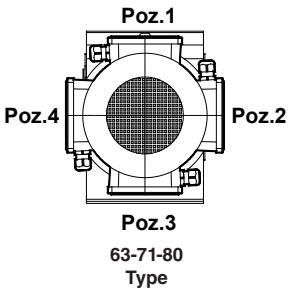
KV374.02





Terminal Box Positions

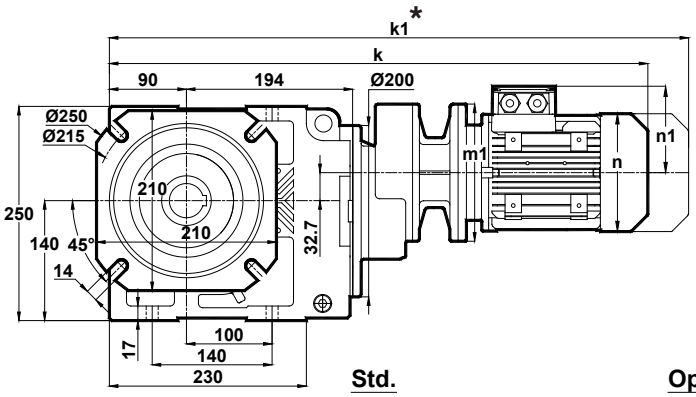


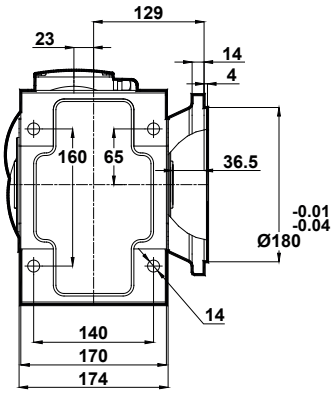


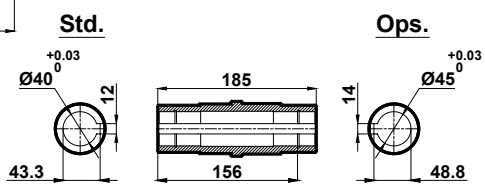
	63/B5	71/B5 71/B14	80/B5 80/B14
k	620.5	609.5	661.5
k1	681.5	700.5	754.5
n / n1	121 / 97	137 / 121	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

Please see on page 576 for optional flange dimensions

KV374.03



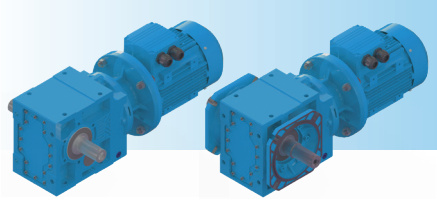




	63/B5	71/B5 71/B14	80/B5 80/B14
k	620.5	609.5	661.5
k1	681.5	700.5	754.5
n / n1	121 / 97	137 / 121	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

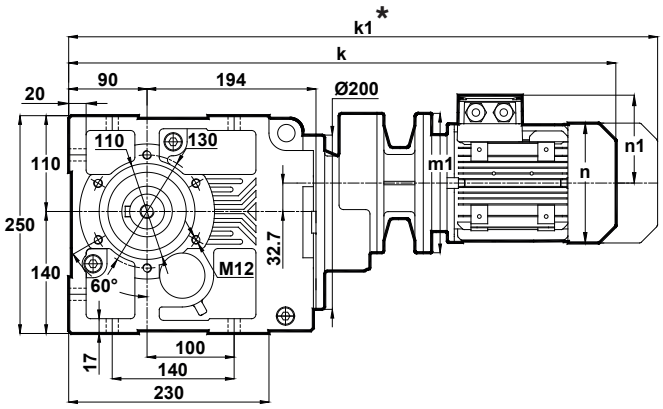
Please see on page 576 for optional flange dimensions

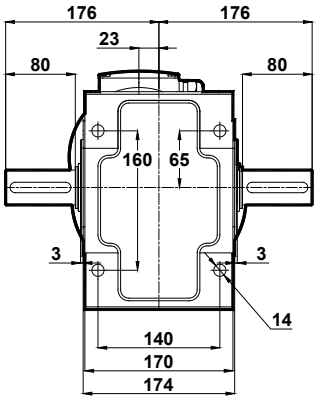
* Dimension " k1" is for motors with brake.

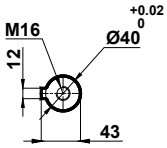


Tapped center hole to DIN 332, sheet 2

KV374.04

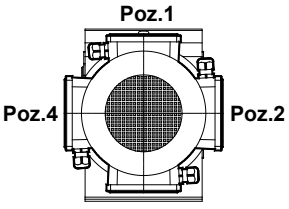






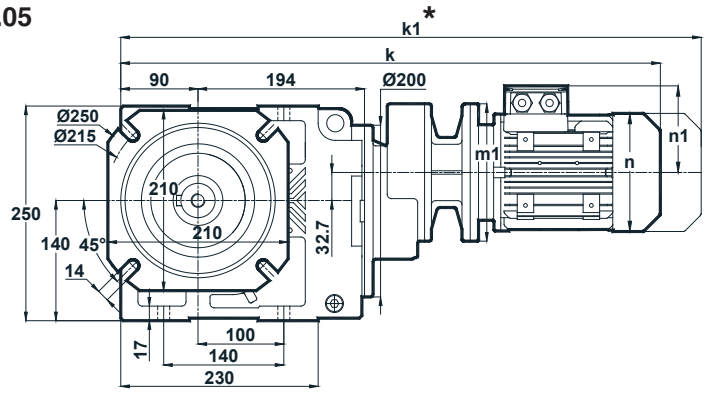
	63/B5	71/B5 71/B14	80/B5 80/B14
k	620.5	609.5	661.5
k1	681.5	700.5	754.5
n / n1	121 / 97	137 / 121	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

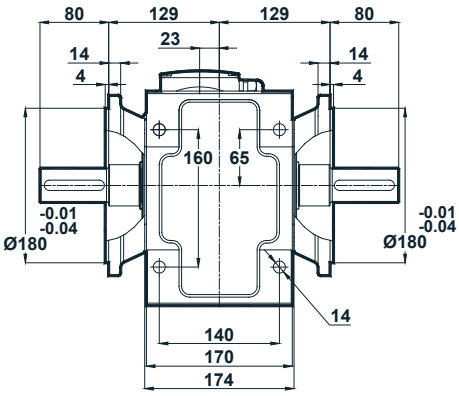
Terminal Box Positions

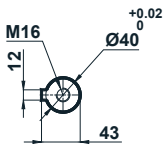


63-71-80
Type

KV374.05



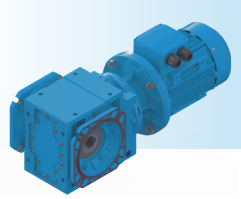




	63/B5	71/B5 71/B14	80/B5 80/B14
k	620.5	609.5	661.5
k1	681.5	700.5	754.5
n / n1	121 / 97	137 / 121	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

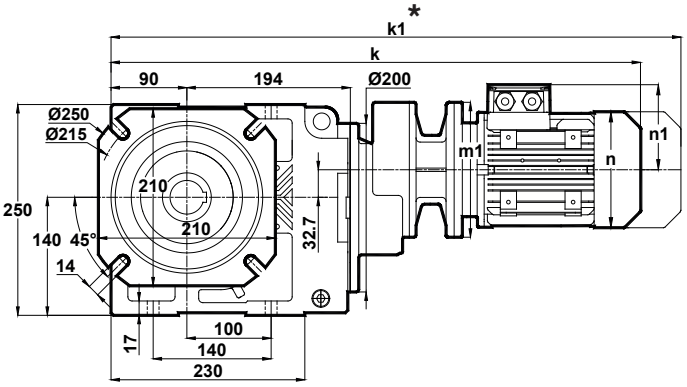
Please see on page 576 for optional flange dimensions

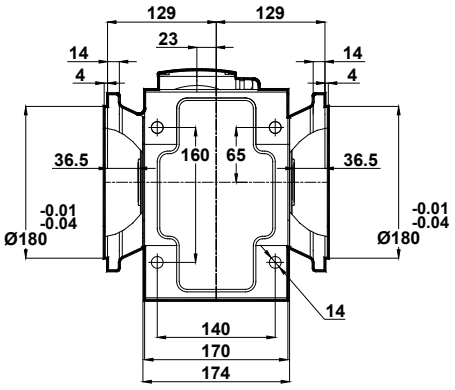
* Dimension " k1" is for motors with brake.

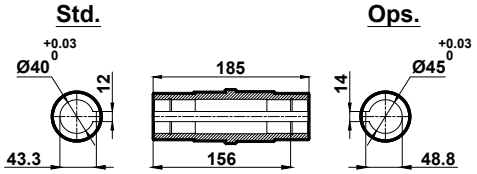


Tapped center hole to DIN 332, sheet 2

KV374.08

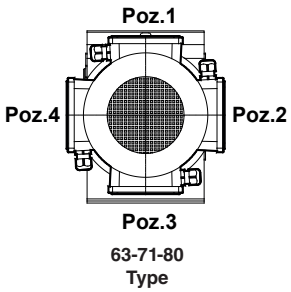






	63/B5	71/B5 71/B14	80/B5 80/B14
k	620.5	609.5	661.5
k1	681.5	700.5	754.5
n / n1	121 / 97	137 / 121	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

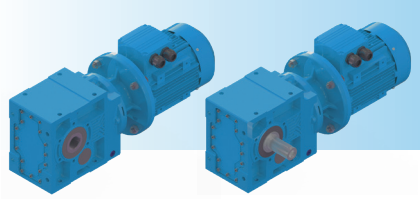
Terminal Box Positions



63-71-80
Type

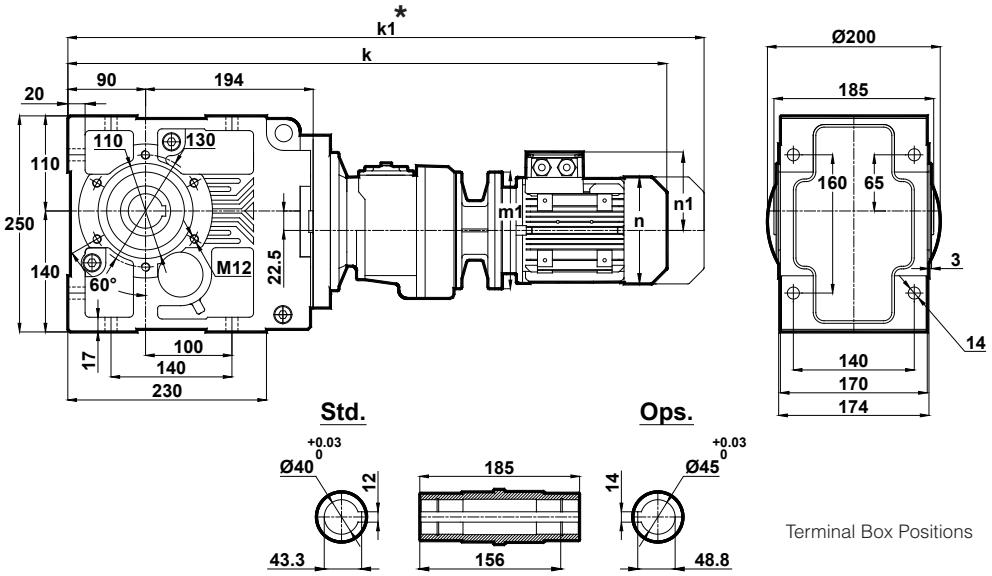
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



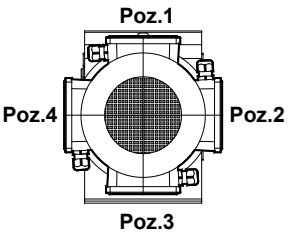
Tapped center hole to DIN 332, sheet 2

KV375.00
KV376.00



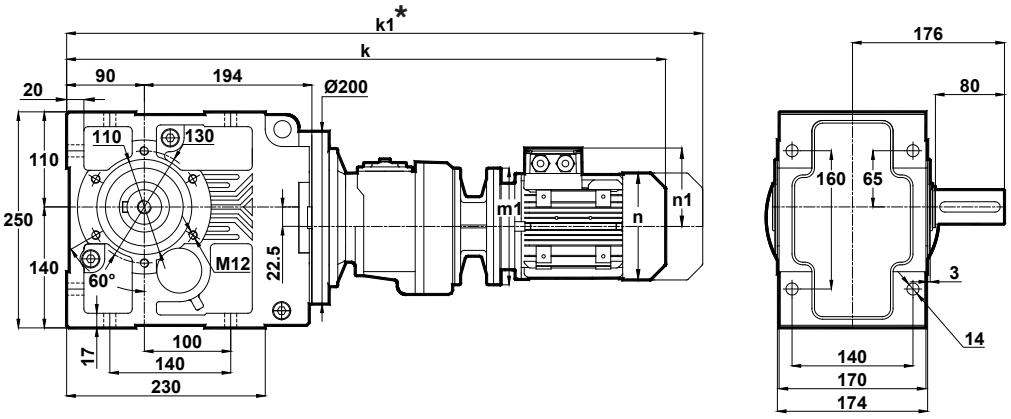
	63/B5 63/B14	71/B5 71/B14
k	686	705.5
k1	747	796.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	90	105

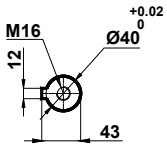
Terminal Box Positions



63-71
Type

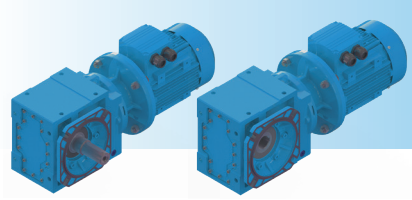
KV375.01
KV376.01





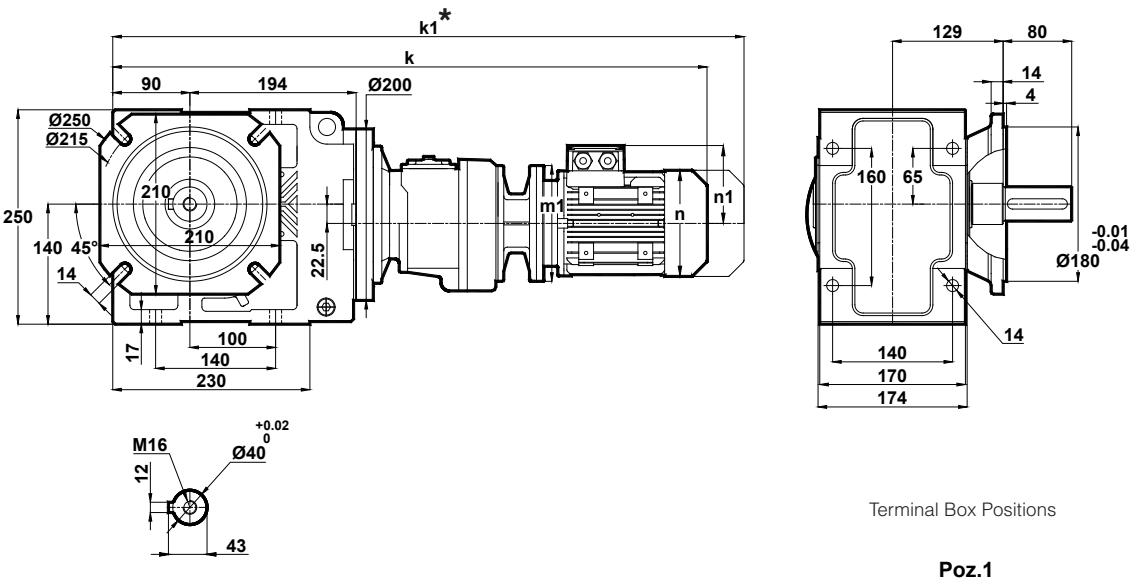
	63/B5 63/B14	71/B5 71/B14
k	686	705.5
k1	747	796.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	90	105

* Dimension " k1" is for motors with brake.

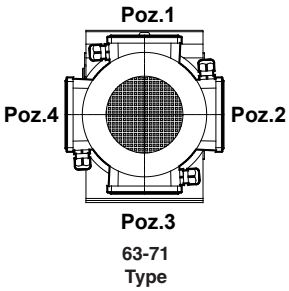


Tapped center hole to DIN 332, sheet 2

KV375.02
KV376.02



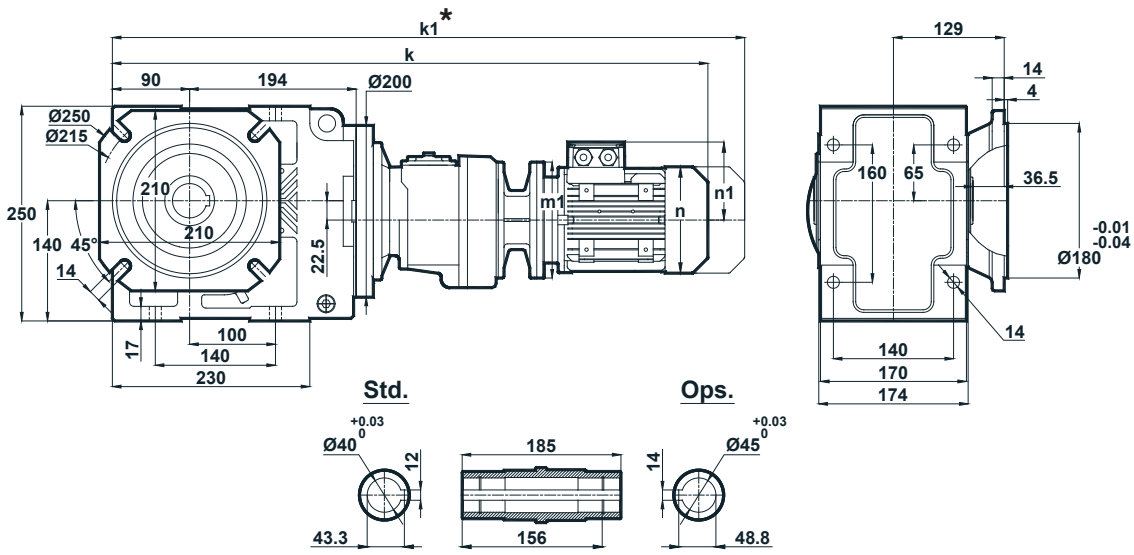
Terminal Box Positions



	63/B5 63/B14	71/B5 71/B14
k	686	705.5
k1	747	796.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	90	105

Please see on page 576 for optional flange dimensions

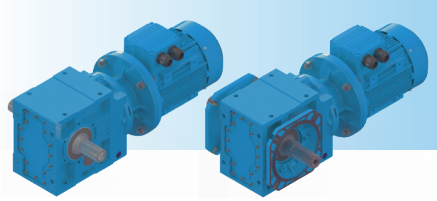
KV375.03
KV376.03



	63/B5 63/B14	71/B5 71/B14
k	686	705.5
k1	747	796.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	90	105

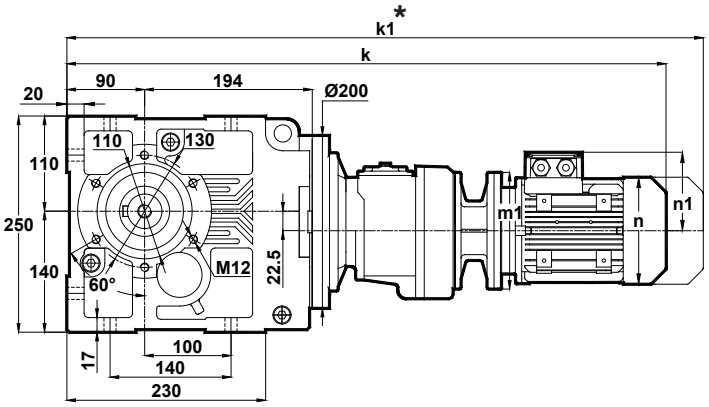
Please see on page 576 for optional flange dimensions

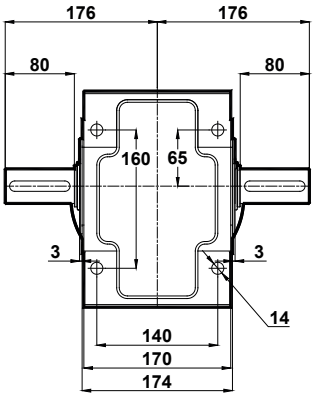
* Dimension " k1" is for motors with brake.

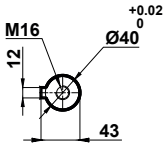


Tapped center hole to DIN 332, sheet 2

KV375.04
KV376.04

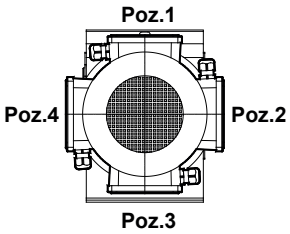






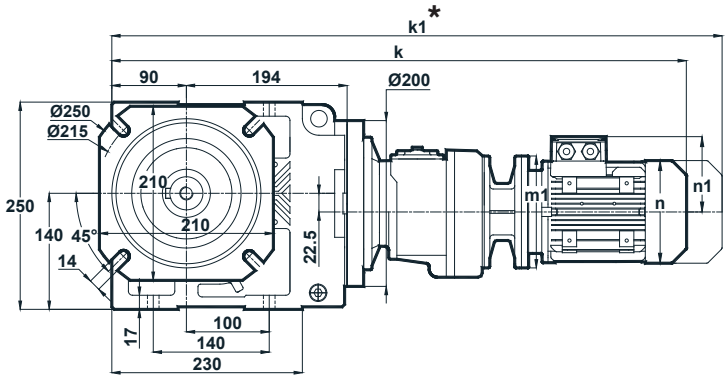
	63/B5 63/B14	71/B5 71/B14
k	686	705.5
k1	747	796.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	90	105

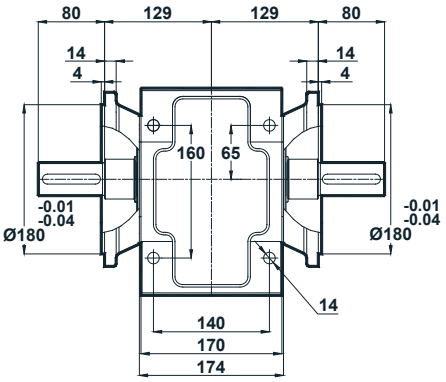
Terminal Box Positions

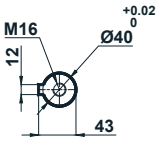


63-71
Type

KV375.05
KV376.05



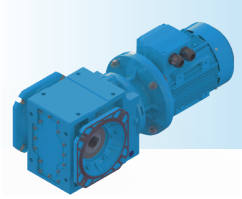




Please see on page 576 for optional flange dimensions

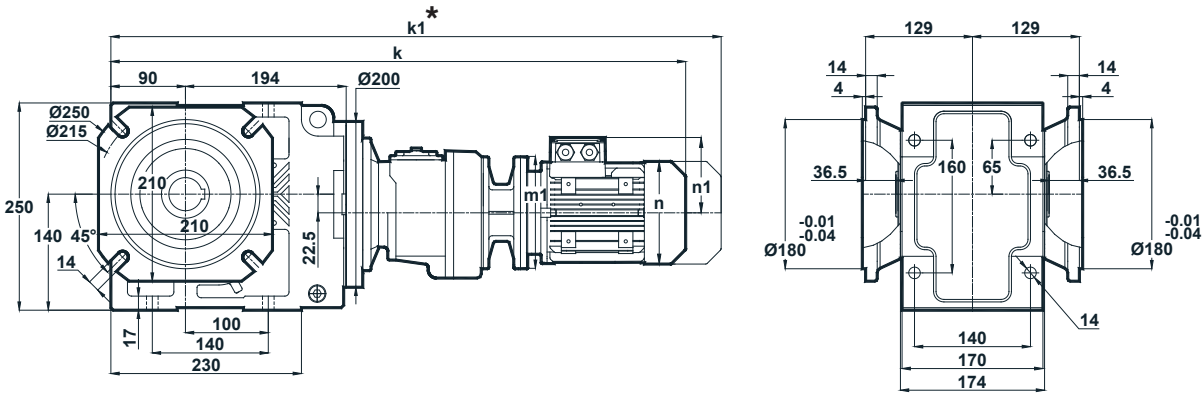
	63/B5 63/B14	71/B5 71/B14
k	686	705.5
k1	747	796.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	90	105

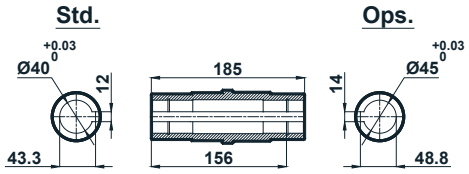
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

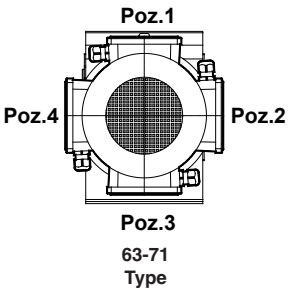
KV375.08
KV376.08





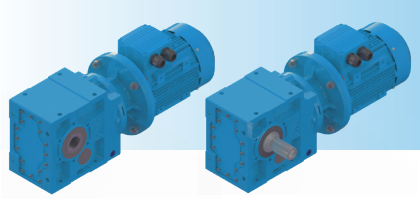
	63/B5 63/B14	71/B5 71/B14
k	686	705.5
k1	747	796.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	90	105

Terminal Box Positions



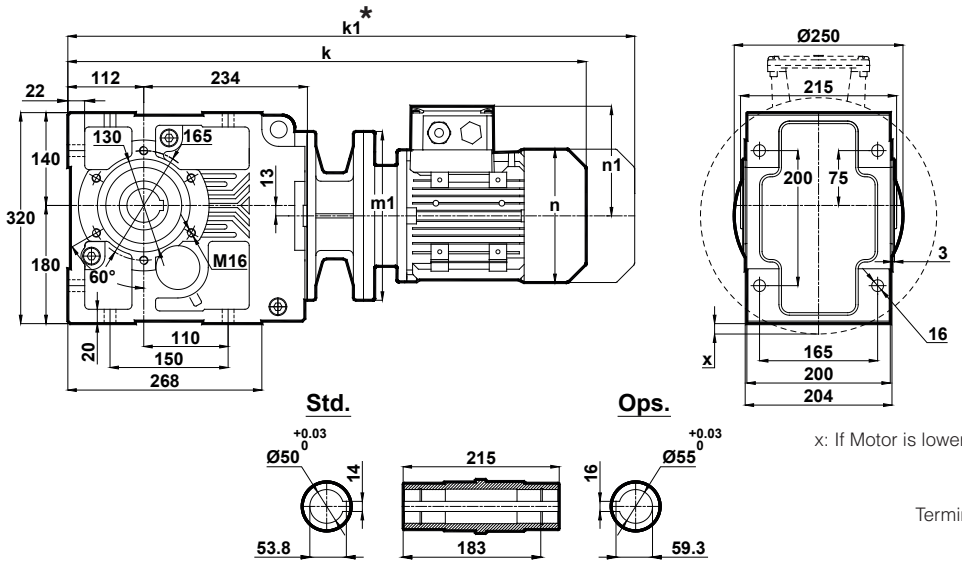
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

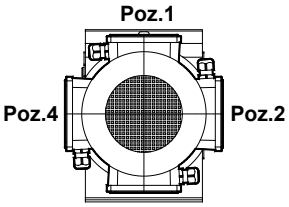
KV473.00



x: If Motor is lower than foot mounting plane

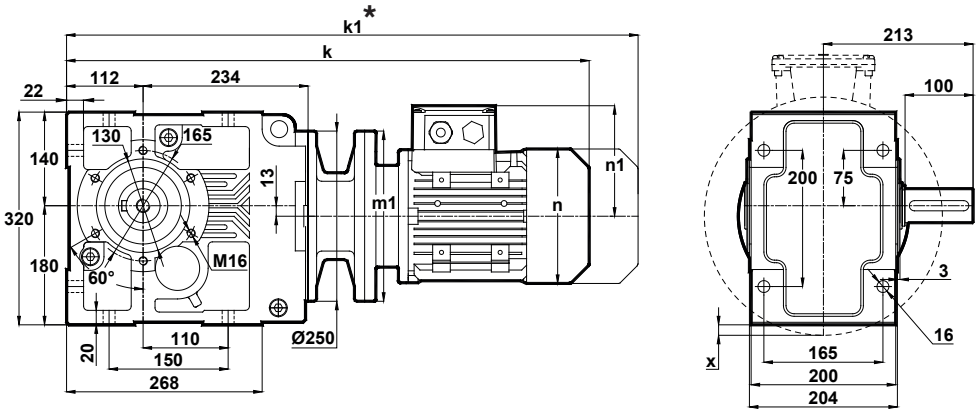
	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	636.5	677.5	677.5	731.5	752	854.5	854.5	1014	1014	1102	1102
k1	729.5	781	781	840	856.5	984.5	984.5	1162	1162	1260.5	1260.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	200	200	200	250	250	300	300	350	350	350	350
m1 (B14)	-	140	140	160	160	200	200	-	-	-	-
x	-	-	-	-	-	-	-	8	8	8	8

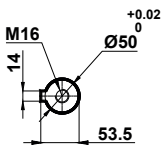
Terminal Box Positions



80-90-100-112-132-160-180
Type

KV473.01

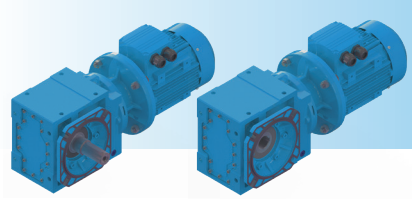




x: If Motor is lower than foot mounting plane

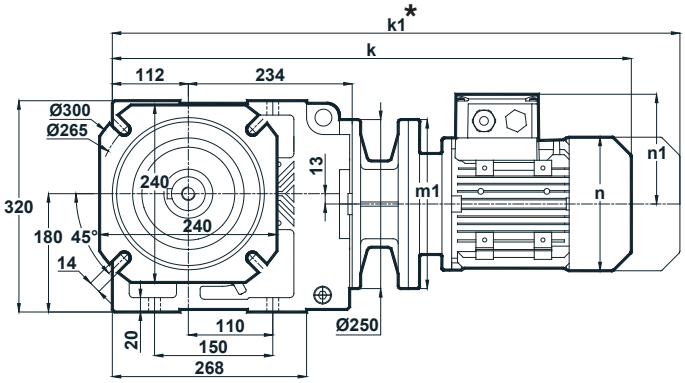
	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	636.5	677.5	677.5	731.5	752	854.5	854.5	1014	1014	1102	1102
k1	729.5	781	781	840	856.5	984.5	984.5	1162	1162	1260.5	1260.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	200	200	200	250	250	300	300	350	350	350	350
m1 (B14)	-	140	140	160	160	200	200	-	-	-	-
x	-	-	-	-	-	-	-	8	8	8	8

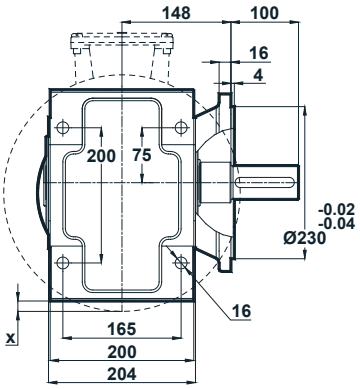
* Dimension " k1" is for motors with brake.



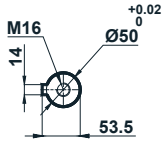
Tapped center hole to DIN 332, sheet 2

KV473.02

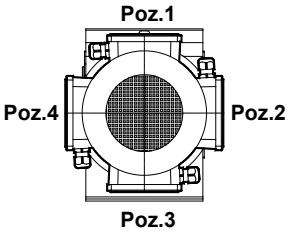




x: If Motor is lower than foot mounting plane



Terminal Box Positions

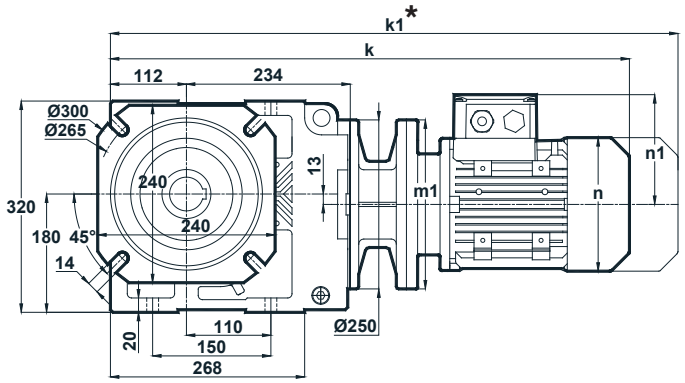


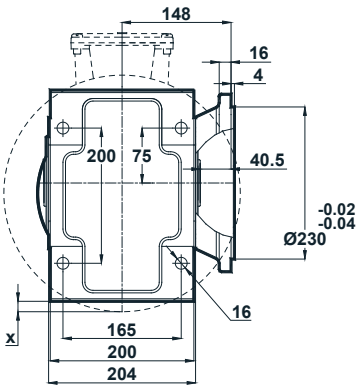
80-90-100-112-132-160-180
Type

	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	636.5	677.5	677.5	731.5	752	854.5	854.5	1014	1014	1102	1102
k1	729.5	781	781	840	856.5	984.5	984.5	1162	1162	1260.5	1260.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	200	200	200	250	250	300	300	350	350	350	350
m1 (B14)	-	140	140	160	160	200	200	-	-	-	-
x	-	-	-	-	-	-	-	8	8	8	8

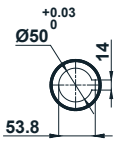
Please see on page 576 for optional flange dimensions

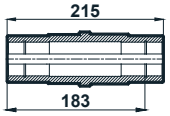
KV473.03



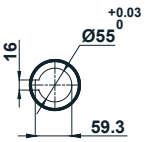


Std.





Ops.

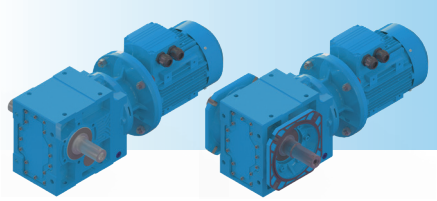


x: If Motor is lower than foot mounting plane

	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	636.5	677.5	677.5	731.5	752	854.5	854.5	1014	1014	1102	1102
k1	729.5	781	781	840	856.5	984.5	984.5	1162	1162	1260.5	1260.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	200	200	200	250	250	300	300	350	350	350	350
m1 (B14)	-	140	140	160	160	200	200	-	-	-	-
x	-	-	-	-	-	-	-	8	8	8	8

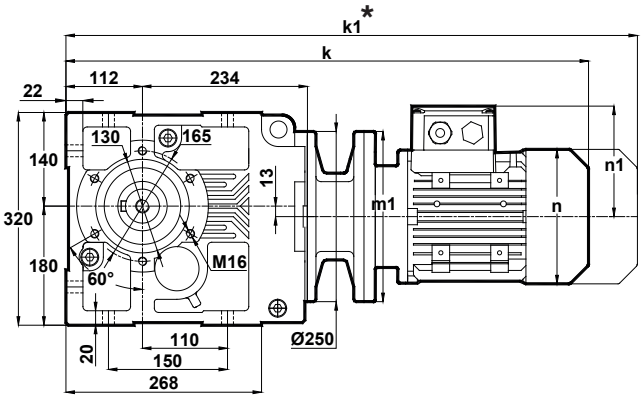
Please see on page 576 for optional flange dimensions

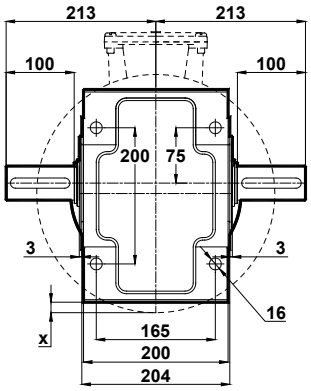
* Dimension " k1" is for motors with brake.



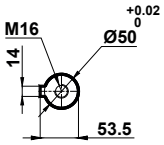
Tapped center hole to DIN 332, sheet 2

KV473.04

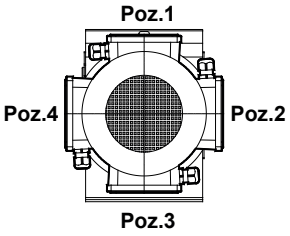




x: If Motor is lower than foot mounting plane



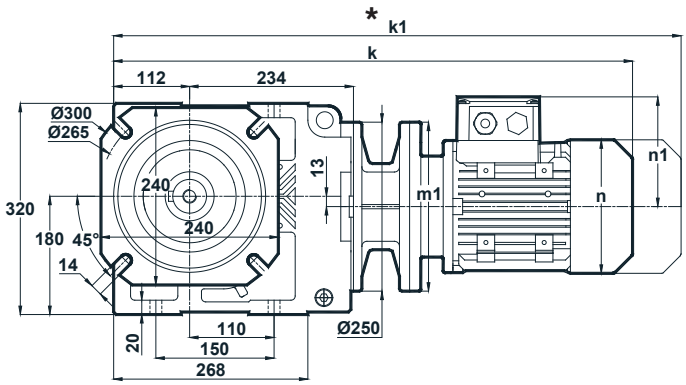
Terminal Box Positions

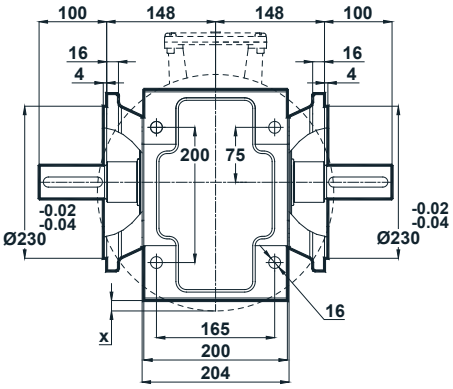


80-90-100-112-132-160-180
Type

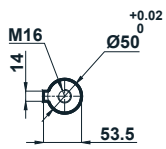
	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	636.5	677.5	677.5	731.5	752	854.5	854.5	1014	1014	1102	1102
k1	729.5	781	781	840	856.5	984.5	984.5	1162	1162	1260.5	1260.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	200	200	200	250	250	300	300	350	350	350	350
m1 (B14)	-	140	140	160	160	200	200	-	-	-	-
x	-	-	-	-	-	-	-	8	8	8	8

KV473.05





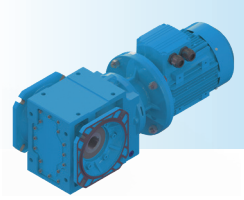
x: If Motor is lower than foot mounting plane



Please see on page 576 for optional flange dimensions

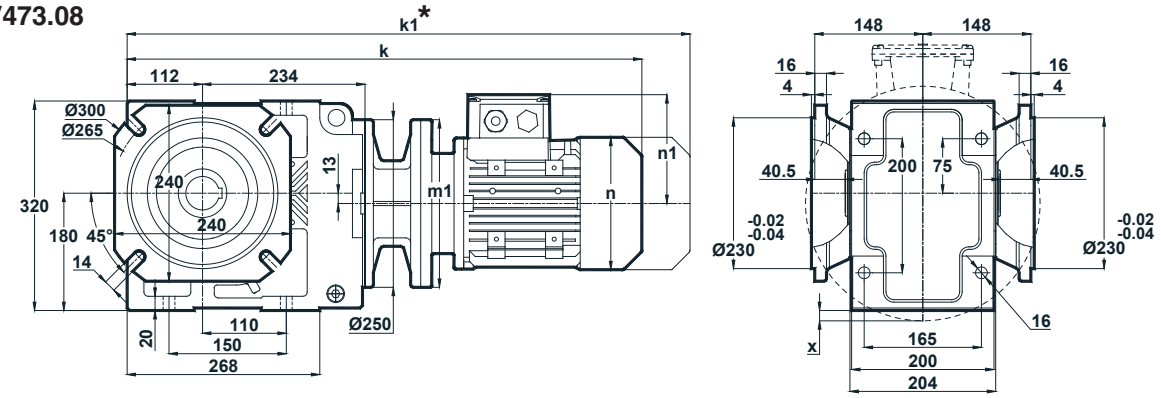
	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	636.5	677.5	677.5	731.5	752	854.5	854.5	1014	1014	1102	1102
k1	729.5	781	781	840	856.5	984.5	984.5	1162	1162	1260.5	1260.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	200	200	200	250	250	300	300	350	350	350	350
m1 (B14)	-	140	140	160	160	200	200	-	-	-	-
x	-	-	-	-	-	-	-	8	8	8	8

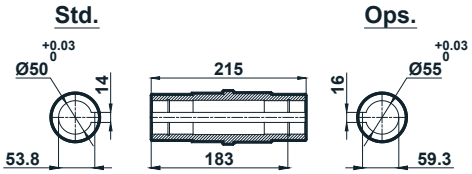
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

KV473.08

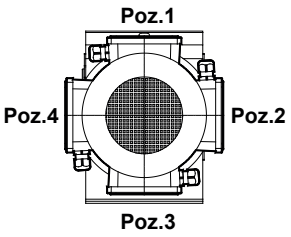




x: If Motor is lower than foot mounting plane

	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	636.5	677.5	677.5	731.5	752	854.5	854.5	1014	1014	1102	1102
k1	729.5	781	781	840	856.5	984.5	984.5	1162	1162	1260.5	1260.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	200	200	200	250	250	300	300	350	350	350	350
m1 (B14)	-	140	140	160	160	200	200	-	-	-	-
x	-	-	-	-	-	-	-	8	8	8	8

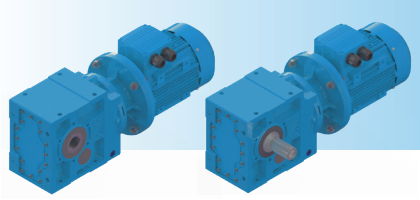
Terminal Box Positions



80-90-100-112-132-160-180 Type

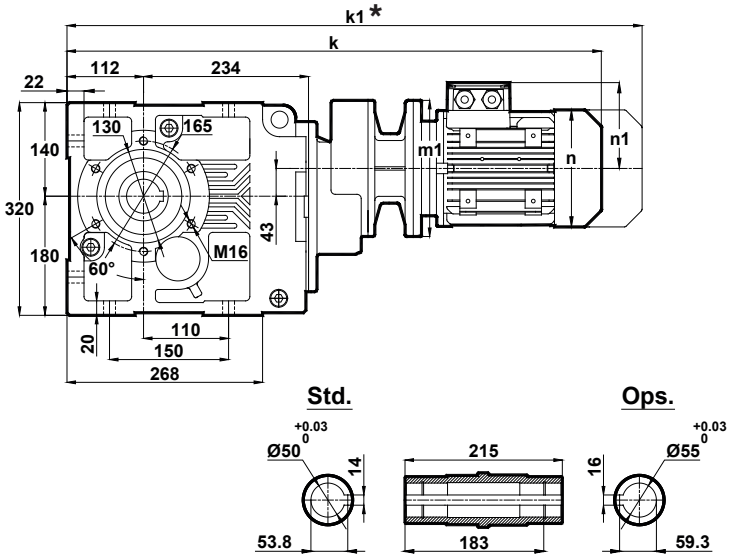
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

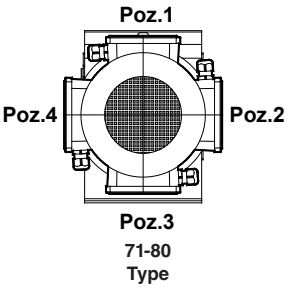


Tapped center hole to DIN 332, sheet 2

KV474.00



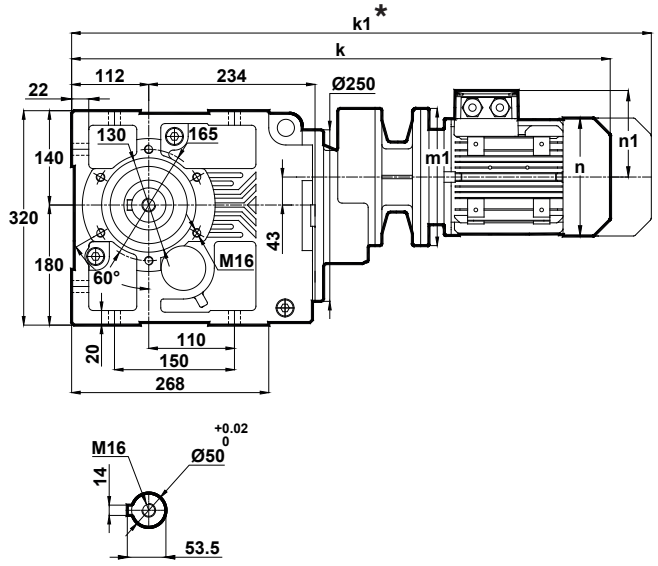
Terminal Box Positions



71-80
Type

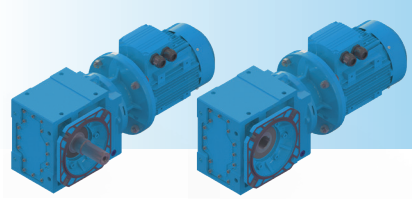
	71/B5	80/B5 80/B14
k	711.5	734.5
k1	802.5	827.5
n / n1	137 / 112	155 / 123
m1 (B5)	160	200
m1 (B14)	-	120

KV474.01



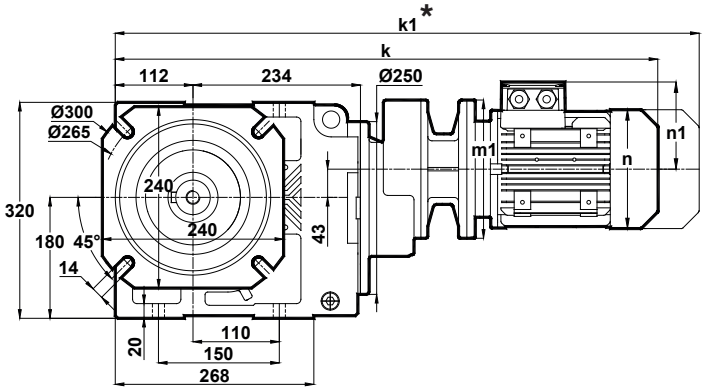
	71/B5	80/B5 80/B14
k	711.5	734.5
k1	802.5	827.5
n / n1	137 / 112	155 / 123
m1 (B5)	160	200
m1 (B14)	-	120

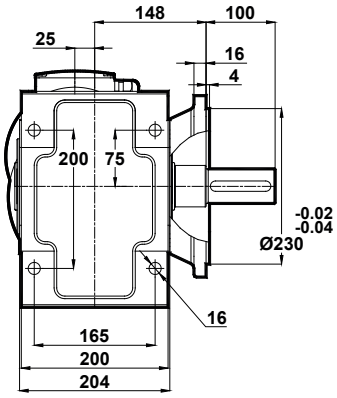
* Dimension " k1" is for motors with brake.

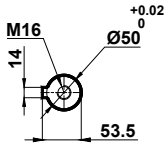


Tapped center hole to DIN 332, sheet 2

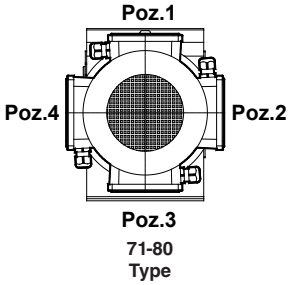
KV474.02







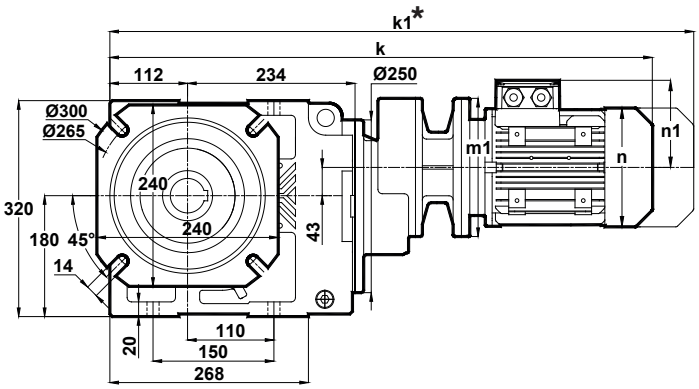
Terminal Box Positions

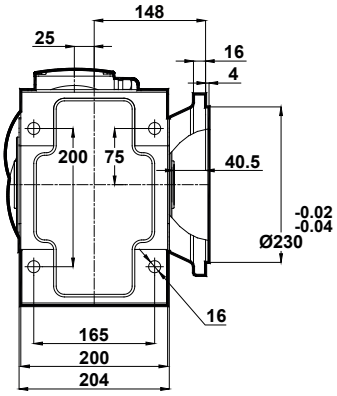


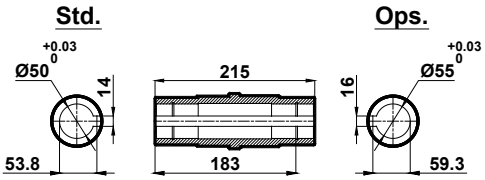
	71/B5	80/B5 80/B14
k	711.5	734.5
k1	802.5	827.5
n / n1	137 / 112	155 / 123
m1 (B5)	160	200
m1 (B14)	-	120

Please see on page 576 for optional flange dimensions

KV474.03



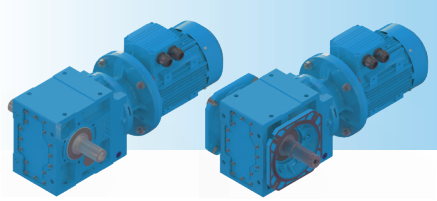




	71/B5	80/B5 80/B14
k	711.5	734.5
k1	802.5	827.5
n / n1	137 / 112	155 / 123
m1 (B5)	160	200
m1 (B14)	-	120

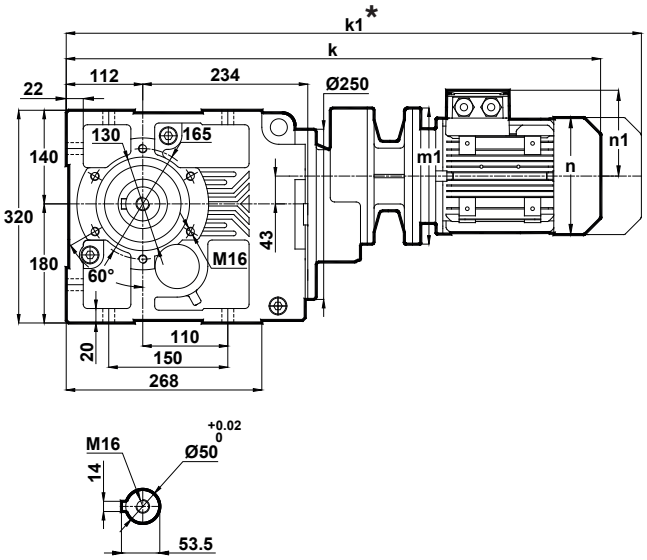
Please see on page 576 for optional flange dimensions

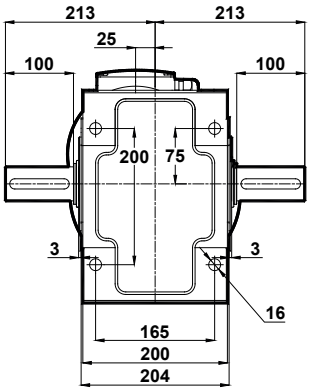
* Dimension " k1" is for motors with brake.



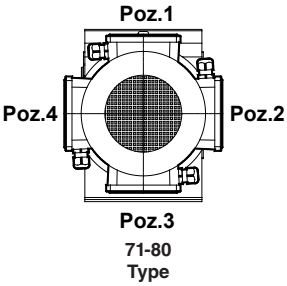
Tapped center hole to DIN 332, sheet 2

KV474.04



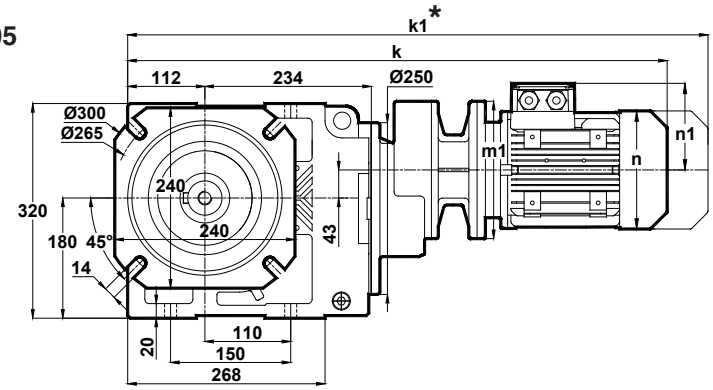


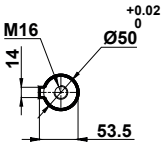
Terminal Box Positions

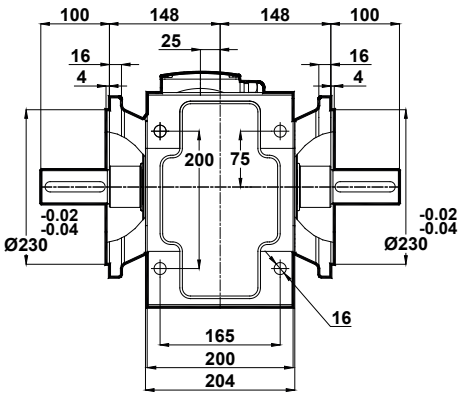


	71/B5	80/B5 80/B14
k	711.5	734.5
k1	802.5	827.5
n / n1	137 / 112	155 / 123
m1 (B5)	160	200
m1 (B14)	-	120

KV474.05



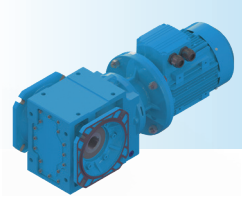




Please see on page 576 for optional flange dimensions

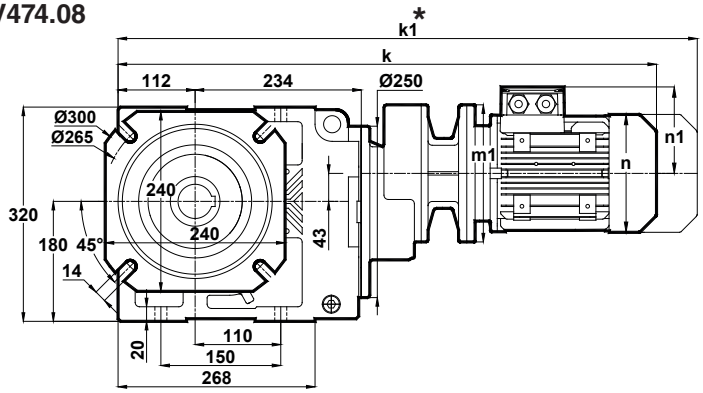
	71/B5	80/B5 80/B14
k	711.5	734.5
k1	802.5	827.5
n / n1	137 / 112	155 / 123
m1 (B5)	160	200
m1 (B14)	-	120

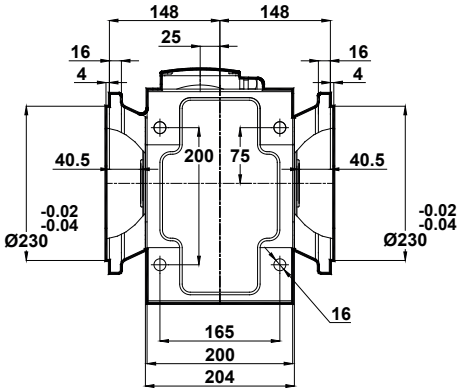
* Dimension " k1" is for motors with brake.

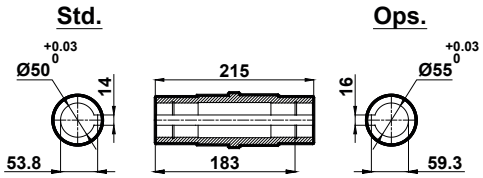


Tapped center hole to DIN 332, sheet 2

KV474.08

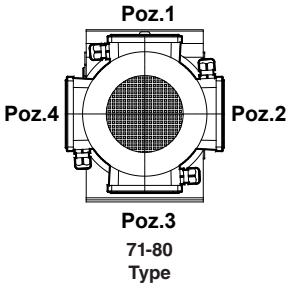






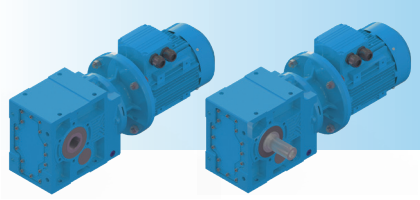
	71/B5	80/B5 80/B14
k	711.5	734.5
k1	802.5	827.5
n / n1	137 / 112	155 / 123
m1 (B5)	160	200
m1 (B14)	-	120

Terminal Box Positions



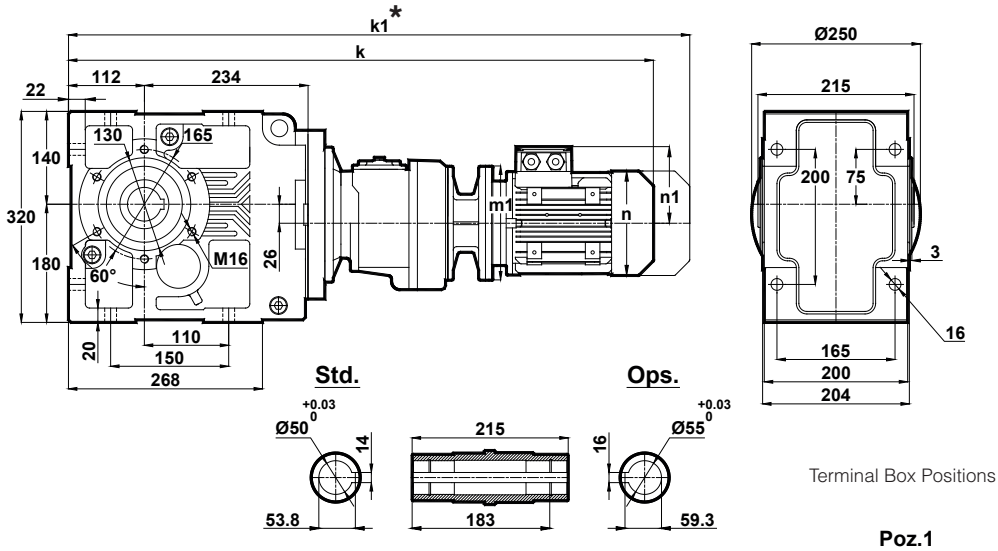
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

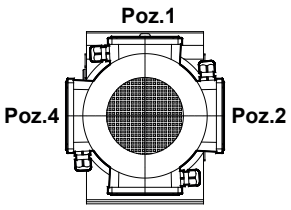


Tapped center hole to DIN 332, sheet 2

KV475.00
KV476.00



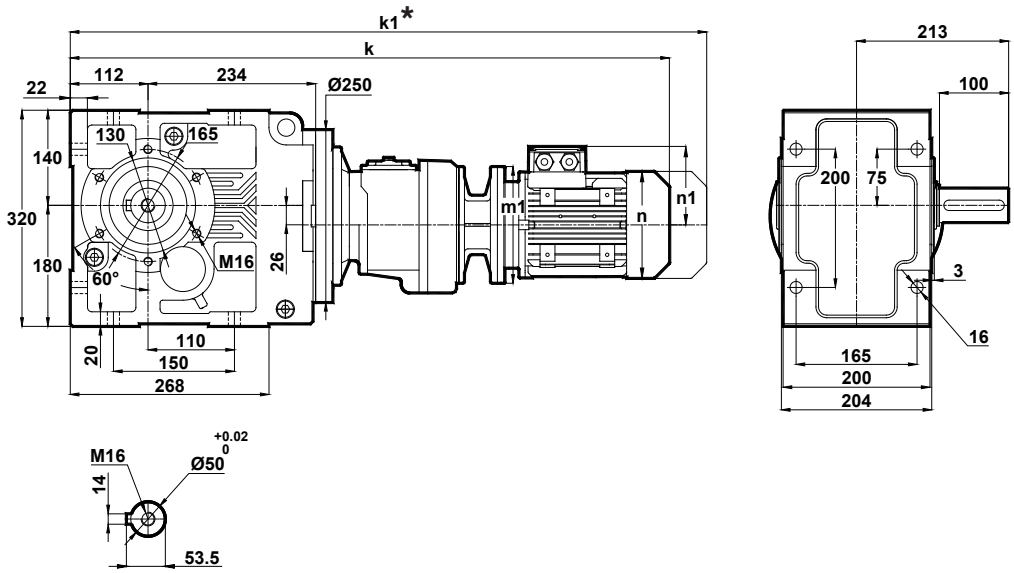
Terminal Box Positions



63-71
Type

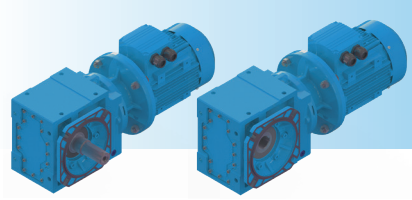
	63/B5	71/B5 71/B14
k	821.5	810.5
k1	882.5	901.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	-	105

KV475.01
KV476.01



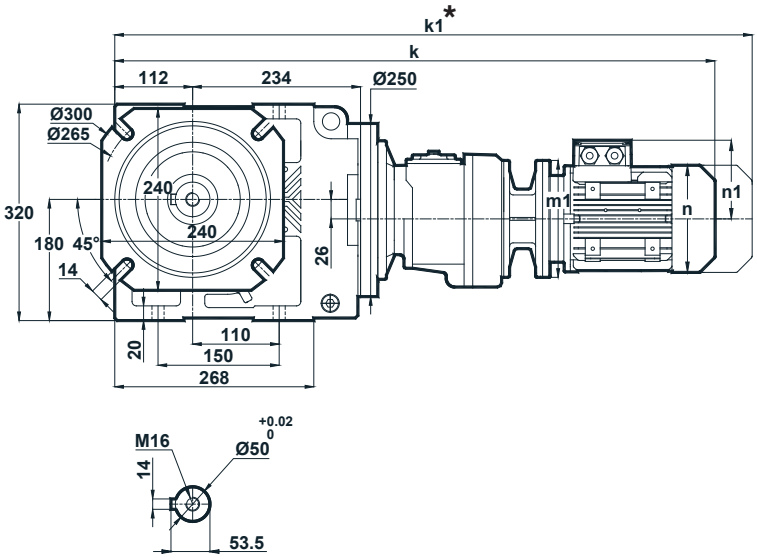
	63/B5	71/B5 71/B14
k	821.5	810.5
k1	882.5	901.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	-	105

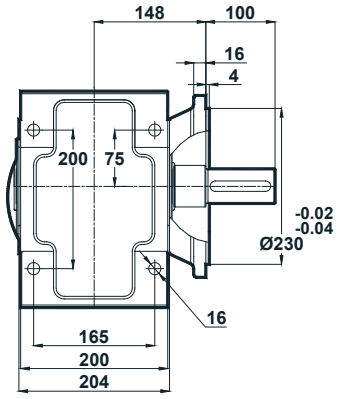
* Dimension " k1" is for motors with brake.



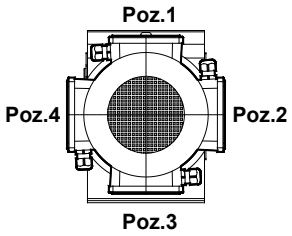
Tapped center hole to DIN 332, sheet 2

KV475.02
KV476.02





Terminal Box Positions

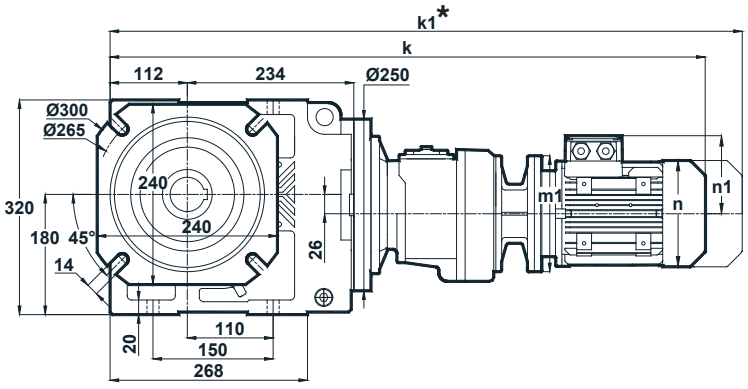


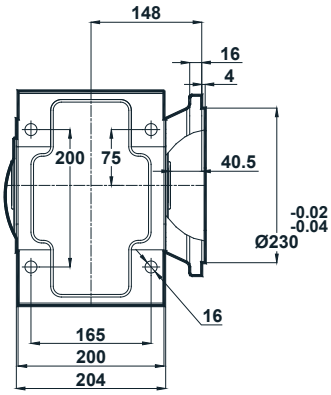
63-71
Type

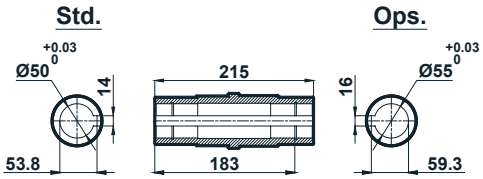
	63/B5	71/B5 71/B14
k	821.5	810.5
k1	882.5	901.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	-	105

Please see on page 576 for optional flange dimensions

KV475.03
KV476.03



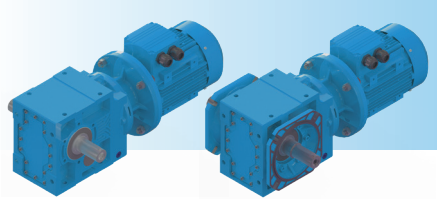




	63/B5	71/B5 71/B14
k	821.5	810.5
k1	882.5	901.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	-	105

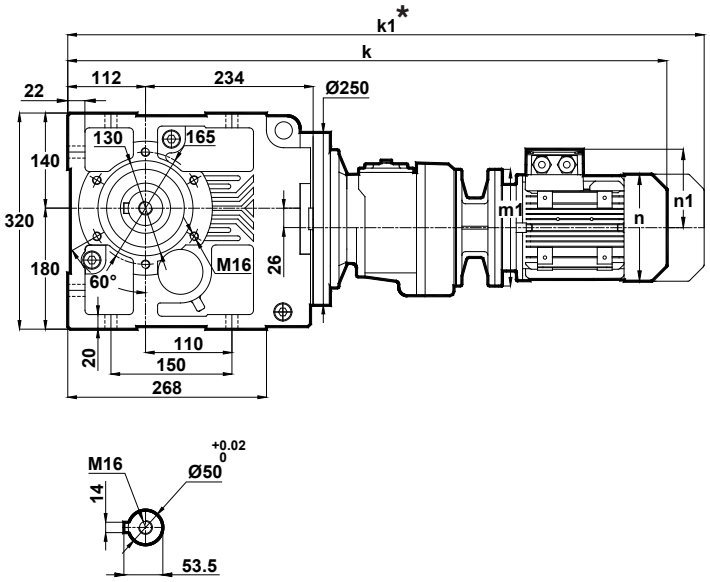
Please see on page 576 for optional flange dimensions

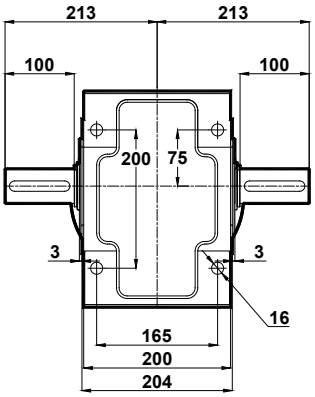
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

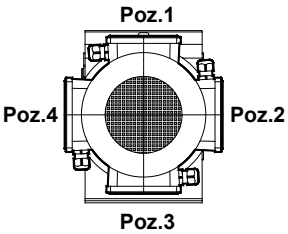
KV475.04
KV476.04





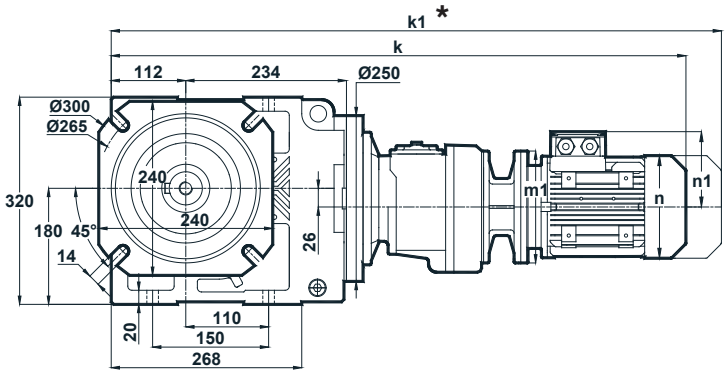
	63/B5	71/B5 71/B14
k	821.5	810.5
k1	882.5	901.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	-	105

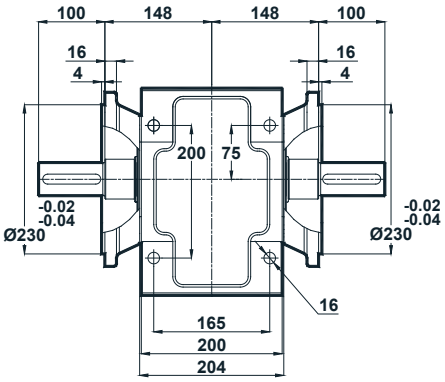
Terminal Box Positions

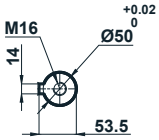


63-71
Type

KV475.05
KV476.05



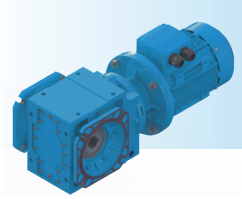




Please see on page 576 for optional flange dimensions

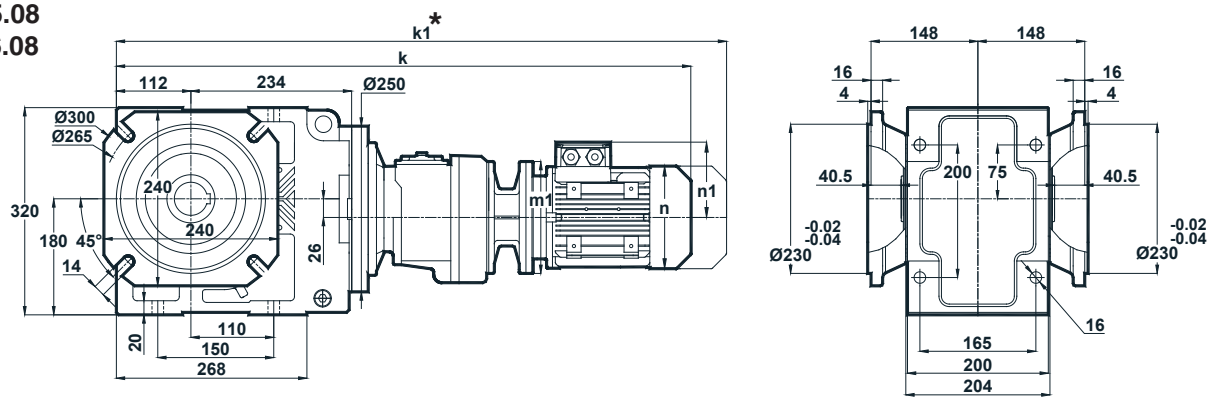
	63/B5	71/B5 71/B14
k	821.5	810.5
k1	882.5	901.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	-	105

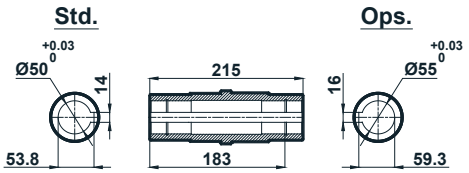
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

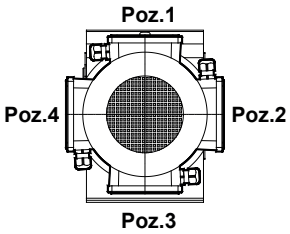
KV475.08
KV476.08





	63/B5	71/B5 71/B14
k	821.5	810.5
k1	882.5	901.5
n / n1	121 / 97	137 / 112
m1 (B5)	140	160
m1 (B14)	-	105

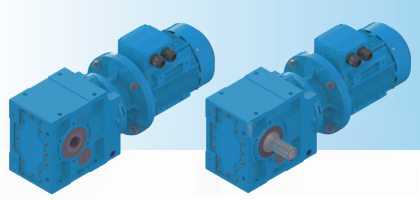
Terminal Box Positions



63-71
Type

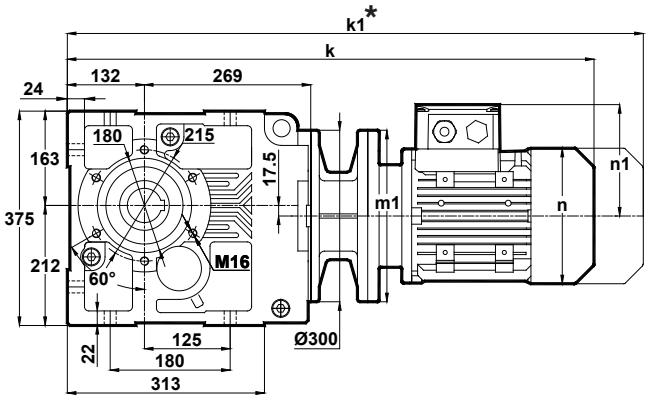
Please see on page 576 for optional flange dimensions

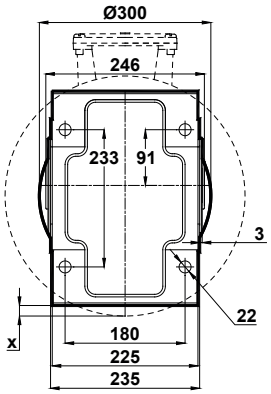
* Dimension " k1" is for motors with brake.



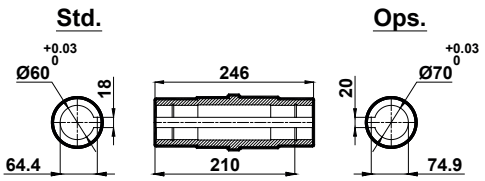
Tapped center hole to DIN 332, sheet 2

KV573.00



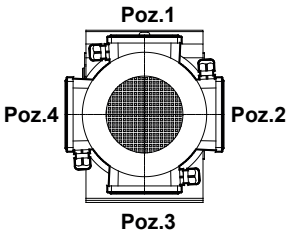


x: If Motor is lower than foot mounting plane



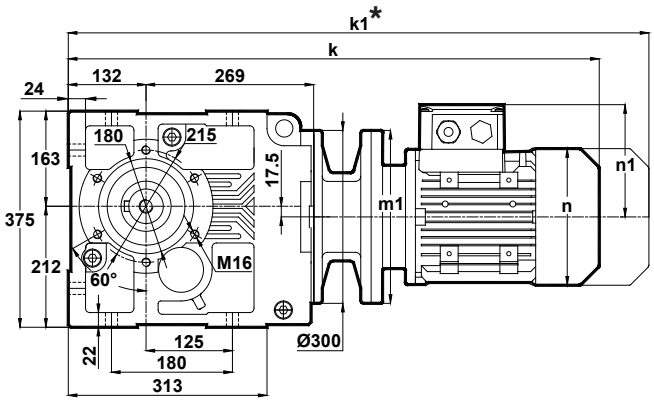
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	784	804.5	909.5	909.5	1065	1065	1153	1153
k1	892.5	909	1039.5	1039.5	1213	1213	1311.5	1311.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-
x	-	-	-	-	-	-	-	5,5

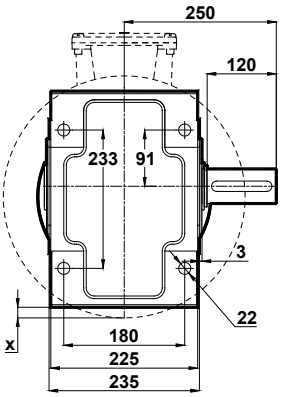
Terminal Box Positions



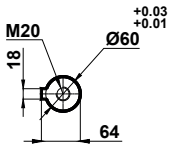
100-112-132-160-180
Type

KV573.01



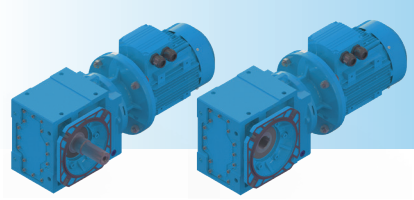


x: If Motor is lower than foot mounting plane



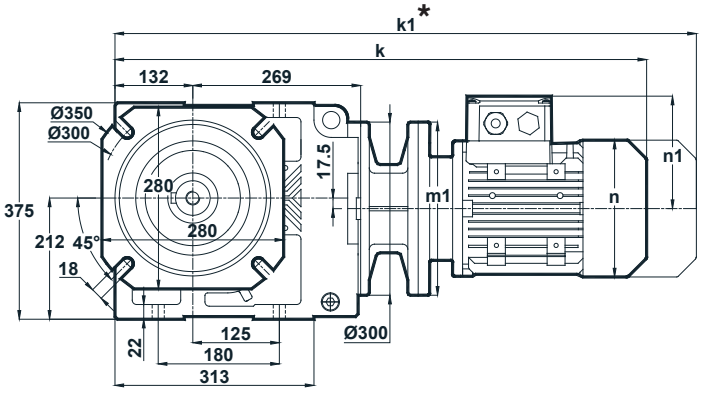
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	784	804.5	909.5	909.5	1065	1065	1153	1153
k1	892.5	909	1039.5	1039.5	1213	1213	1311.5	1311.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-
x	-	-	-	-	-	-	-	5,5

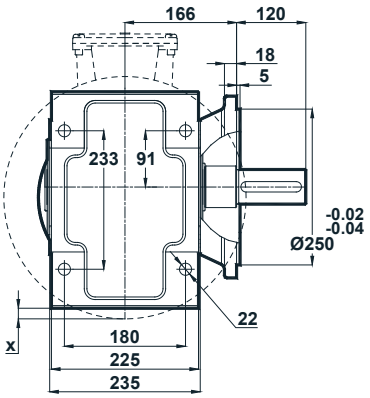
* Dimension " k1" is for motors with brake.



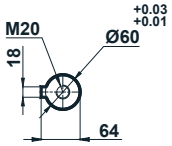
Tapped center hole to DIN 332, sheet 2

KV573.02

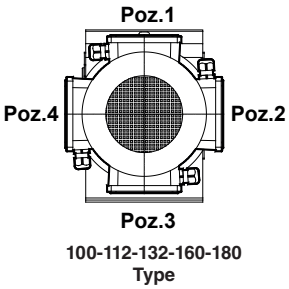




x: If Motor is lower than foot mounting plane



Terminal Box Positions

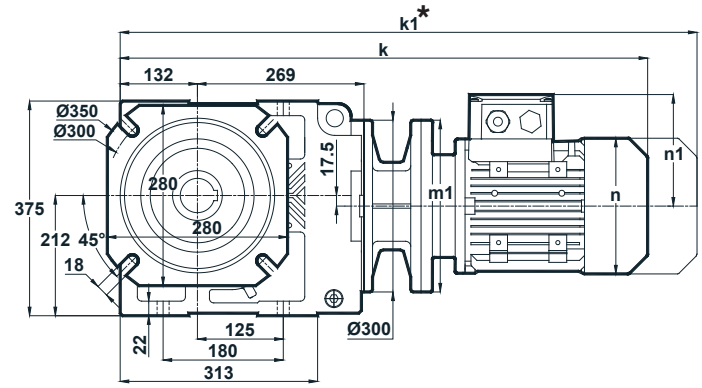


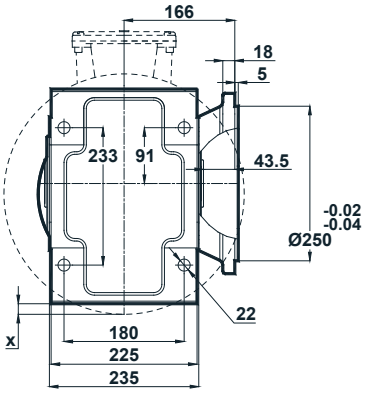
100-112-132-160-180 Type

	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	784	804.5	909.5	909.5	1065	1065	1153	1153
k1	892.5	909	1039.5	1039.5	1213	1213	1311.5	1311.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-
x	-	-	-	-	-	-	-	5,5

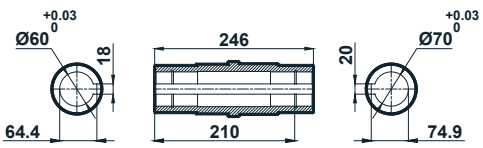
Please see on page 576 for optional flange dimensions

KV573.03





Std. **Ops.**

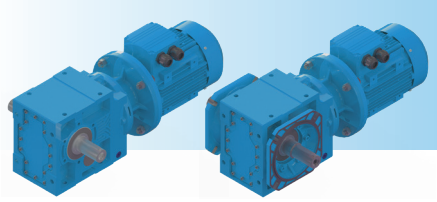


x: If Motor is lower than foot mounting plane

	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	784	804.5	909.5	909.5	1065	1065	1153	1153
k1	892.5	909	1039.5	1039.5	1213	1213	1311.5	1311.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-
x	-	-	-	-	-	-	-	5,5

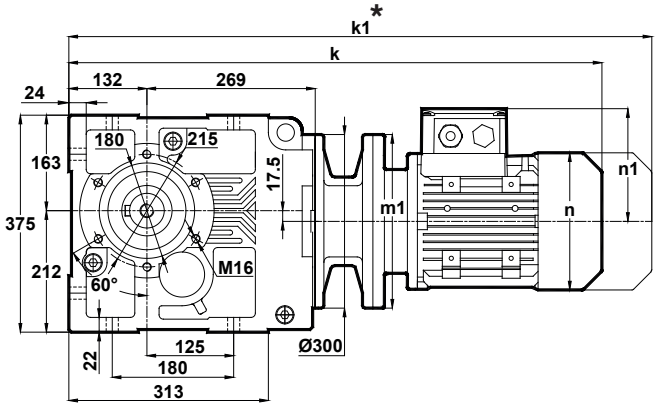
Please see on page 576 for optional flange dimensions

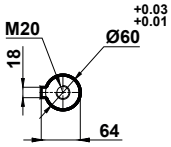
* Dimension " k1" is for motors with brake.

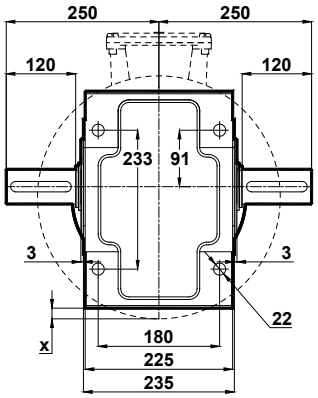


Tapped center hole to DIN 332, sheet 2

KV573.04



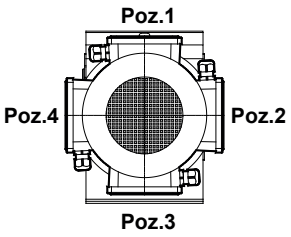




x: If Motor is lower than foot mounting plane

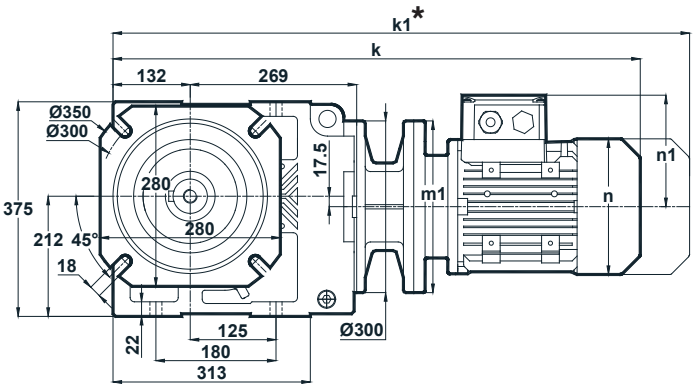
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	784	804.5	909.5	909.5	1065	1065	1153	1153
k1	892.5	909	1039.5	1039.5	1213	1213	1311.5	1311.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-
x	-	-	-	-	-	-	-	5,5

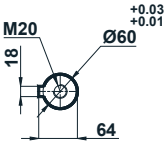
Terminal Box Positions

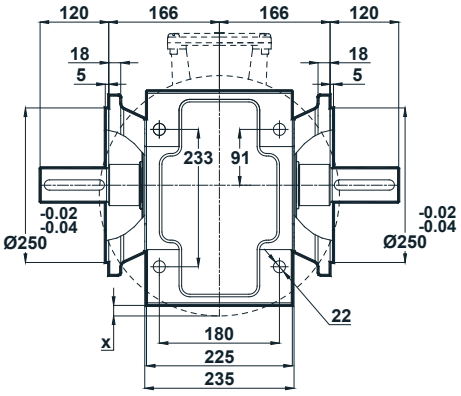


100-112-132-160-180
Type

KV573.05





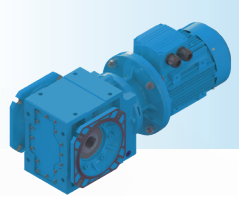


x: If Motor is lower than foot mounting plane

Please see on page 576 for optional flange dimensions

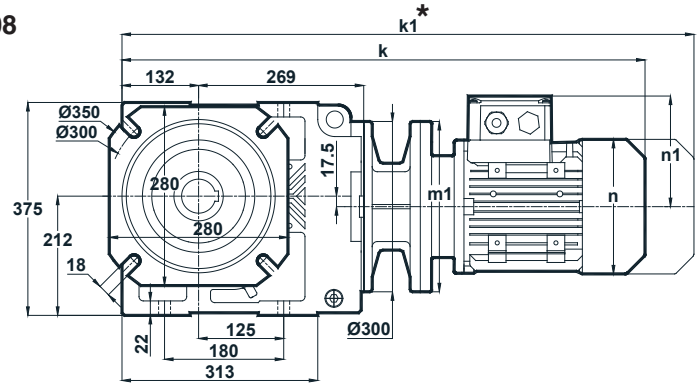
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	784	804.5	909.5	909.5	1065	1065	1153	1153
k1	892.5	909	1039.5	1039.5	1213	1213	1311.5	1311.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-
x	-	-	-	-	-	-	-	5,5

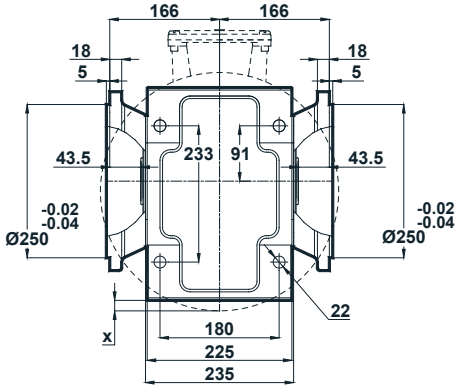
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

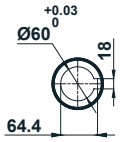
KV573.08

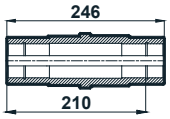




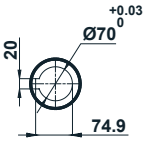
x: If Motor is lower than foot mounting plane

Std.



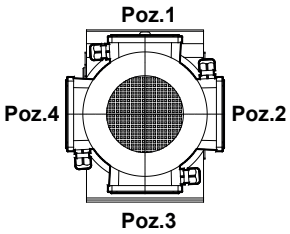


Ops.



	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	784	804.5	909.5	909.5	1065	1065	1153	1153
k1	892.5	909	1039.5	1039.5	1213	1213	1311.5	1311.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-
x	-	-	-	-	-	-	-	5,5

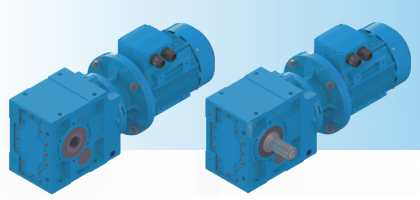
Terminal Box Positions



100-112-132-160-180
Type

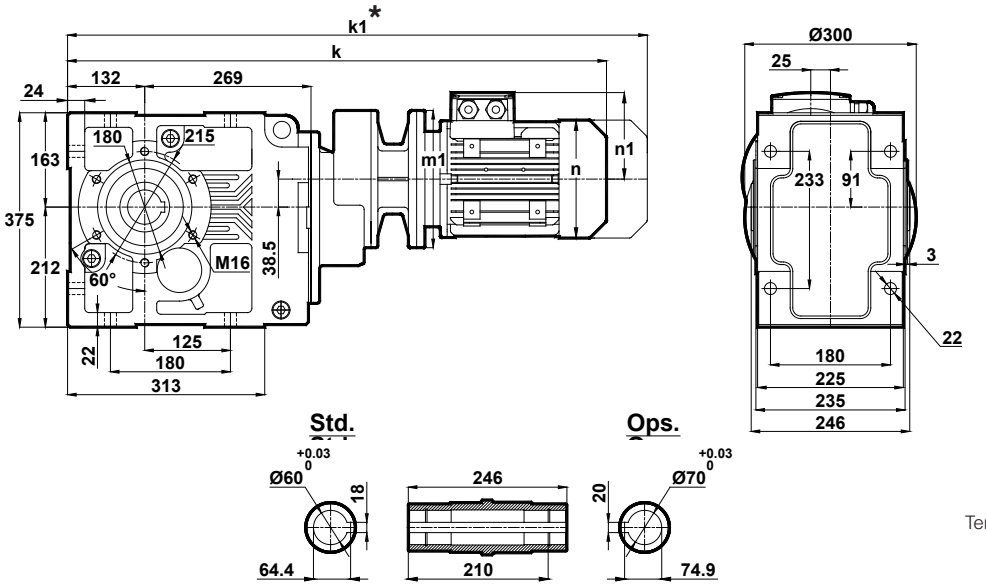
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



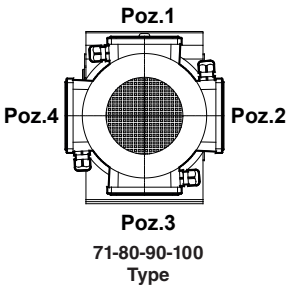
Tapped center hole to DIN 332, sheet 2

KV574.00



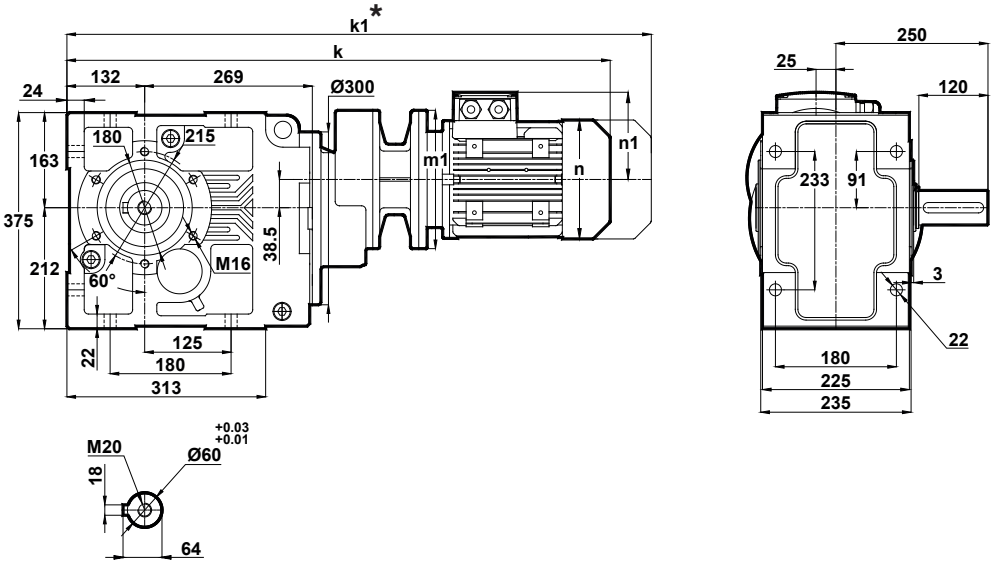
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5
k	764.5	787.5	828.5	828.5	881
k1	855.5	880.5	932	932	989.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	-

Terminal Box Positions



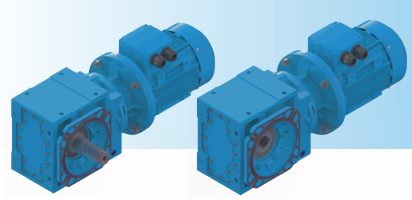
71-80-90-100
Type

KV574.01



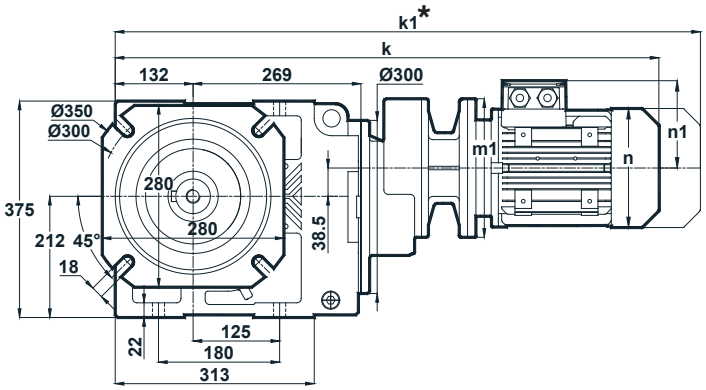
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5
k	764.5	787.5	828.5	828.5	881
k1	855.5	880.5	932	932	989.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	-

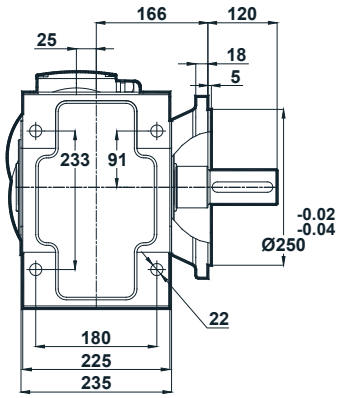
* Dimension " k1" is for motors with brake.

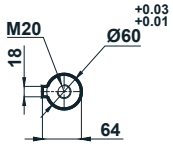


Tapped center hole to DIN 332, sheet 2

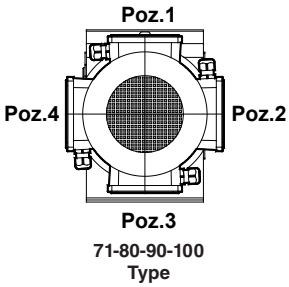
KV574.02







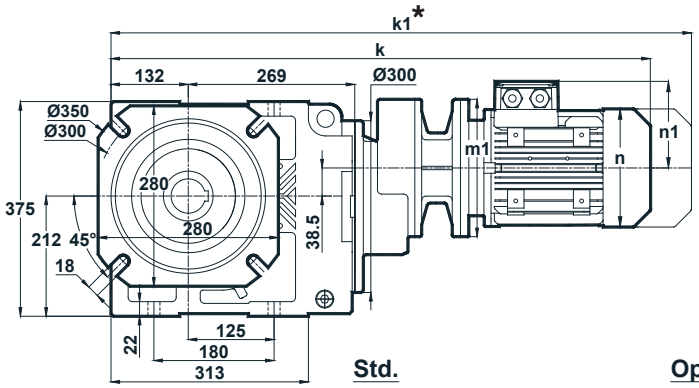
Terminal Box Positions

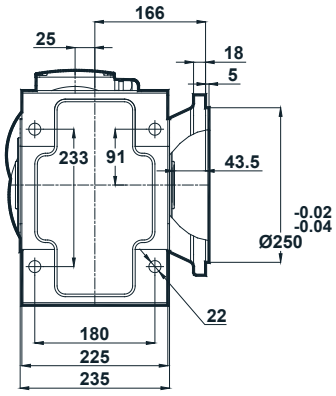


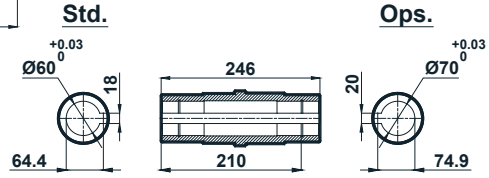
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5
k	764.5	787.5	828.5	828.5	881
k1	855.5	880.5	932	932	989.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	-

Please see on page 576 for optional flange dimensions

KV574.03



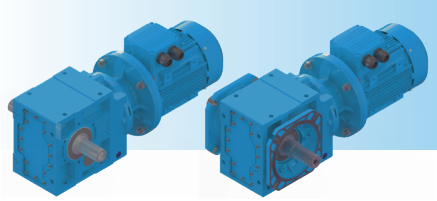




	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5
k	764.5	787.5	828.5	828.5	881
k1	855.5	880.5	932	932	989.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	-

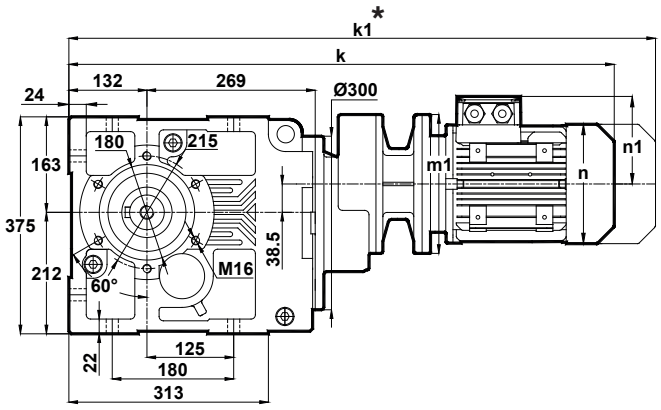
Please see on page 576 for optional flange dimensions

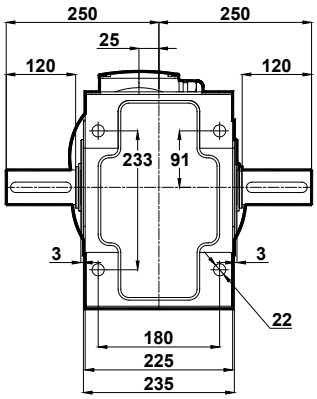
* Dimension " k1" is for motors with brake.

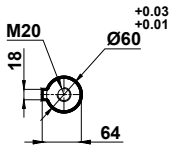


Tapped center hole to DIN 332, sheet 2

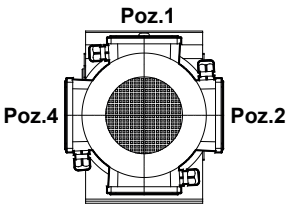
KV574.04







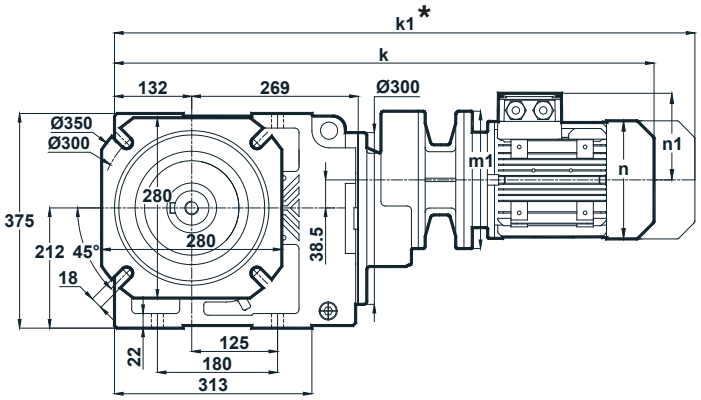
Terminal Box Positions

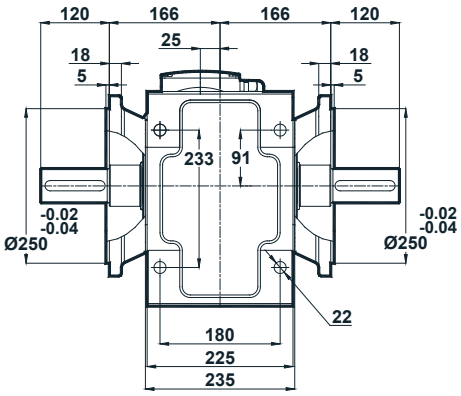


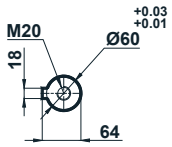
71-80-90-100
Type

	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5
k	764.5	787.5	828.5	828.5	881
k1	855.5	880.5	932	932	989.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	-

KV574.05



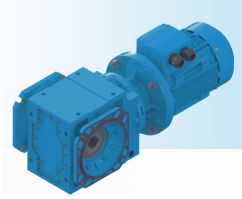




Please see on page 576 for optional flange dimensions

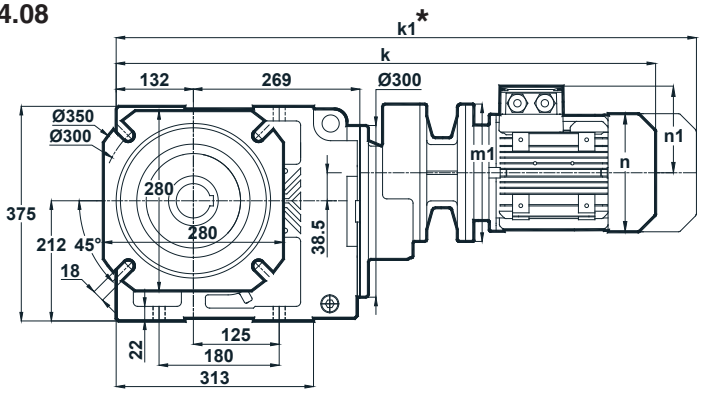
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5
k	764.5	787.5	828.5	828.5	881
k1	855.5	880.5	932	932	989.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	-

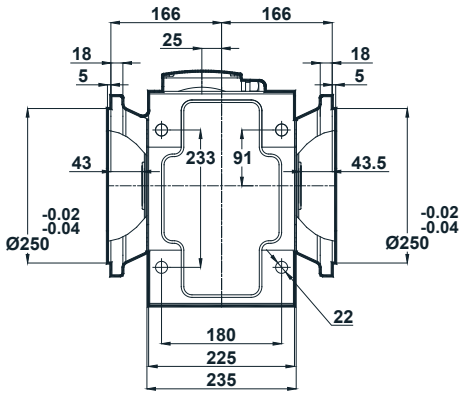
* Dimension " k1" is for motors with brake.

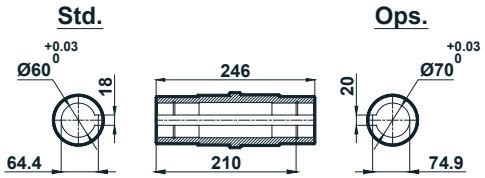


Tapped center hole to DIN 332, sheet 2

KV574.08

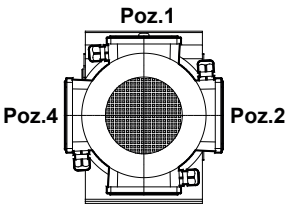






	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5
k	764.5	787.5	828.5	828.5	881
k1	855.5	880.5	932	932	989.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	-

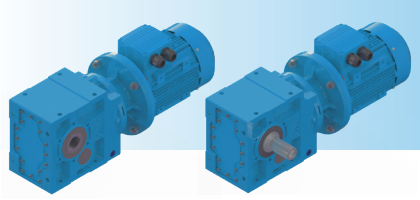
Terminal Box Positions



71-80-90-100
Type

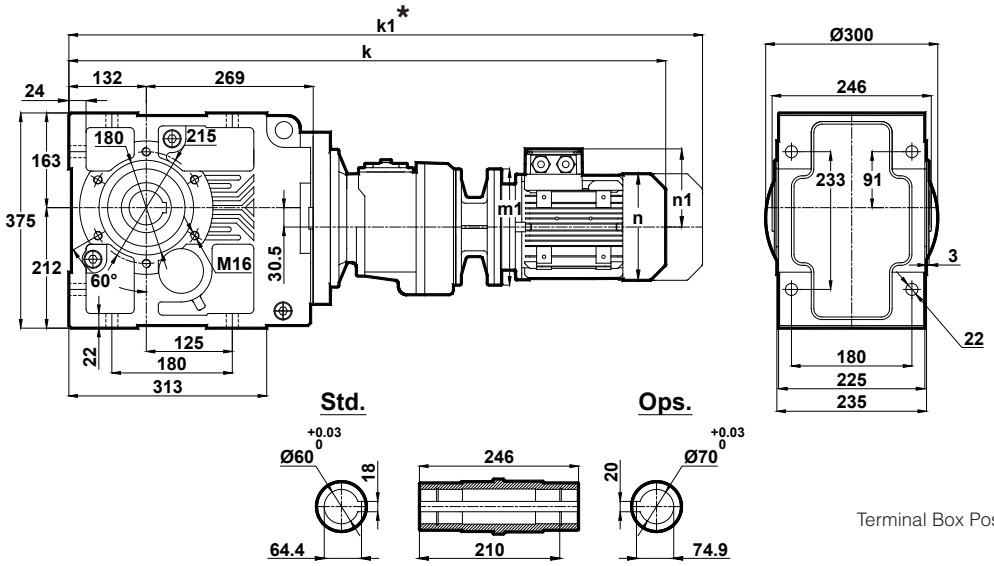
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

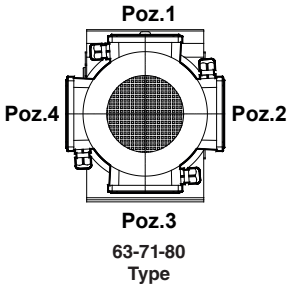


Tapped center hole to DIN 332, sheet 2

KV575.00
KV576.00



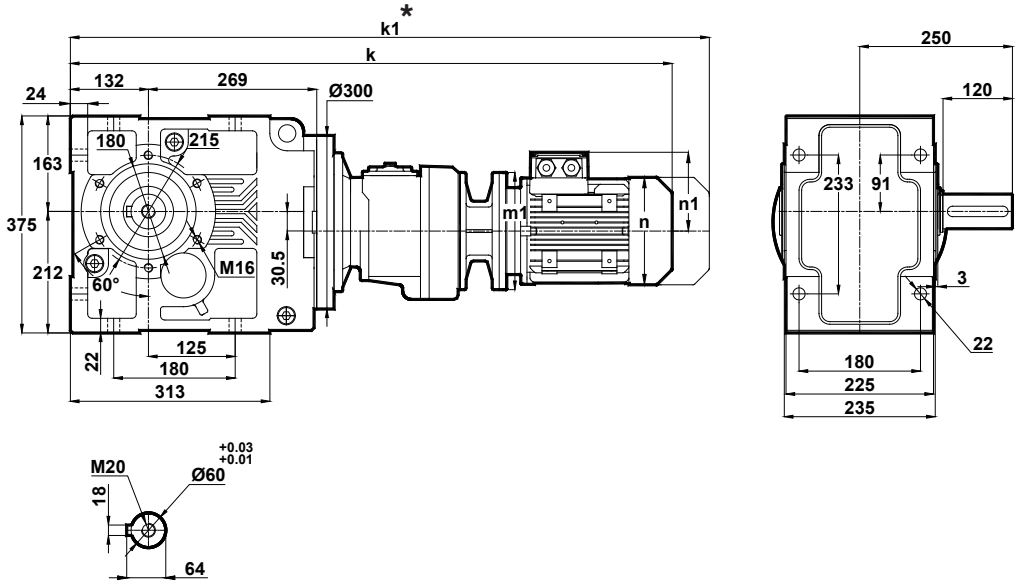
Terminal Box Positions



63-71-80
Type

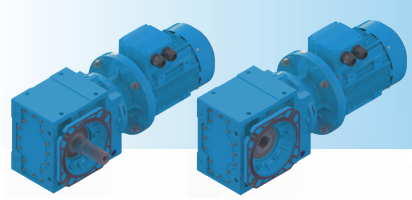
	63/B5	71/B5 71/B14	80/B5 80/B14
k	876.5	865.5	917.5
k1	937.5	956.5	1010.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

KV575.01
KV576.01



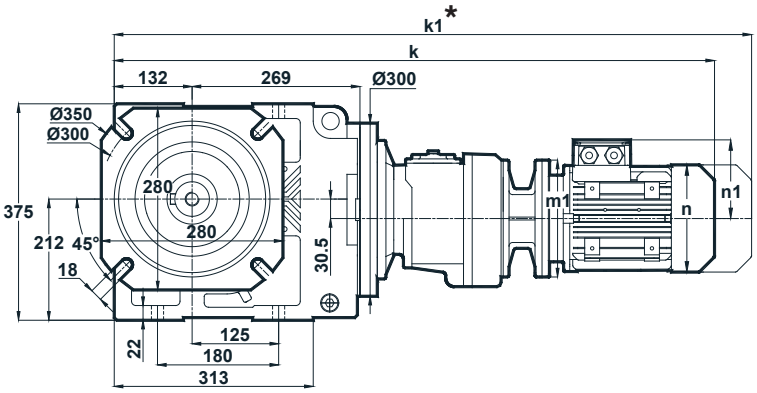
	63/B5	71/B5 71/B14	80/B5 80/B14
k	876.5	865.5	917.5
k1	937.5	956.5	1010.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

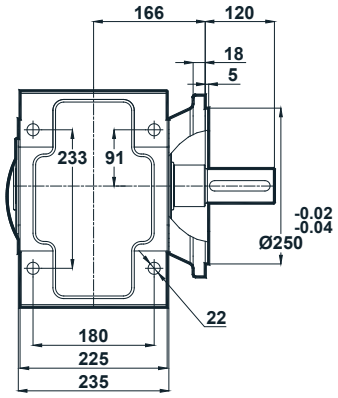
* Dimension " k1" is for motors with brake.

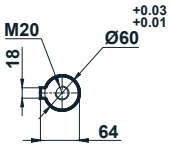


Tapped center hole to DIN 332, sheet 2

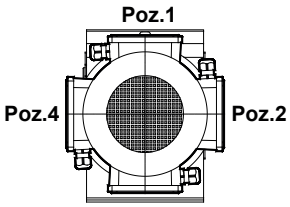
KV575.02
KV576.02







Terminal Box Positions

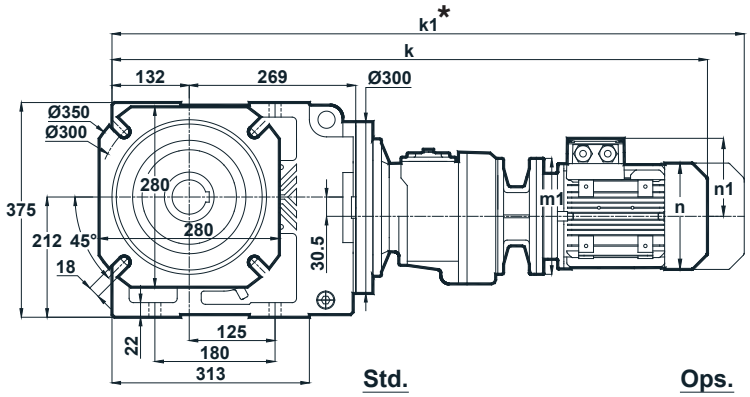


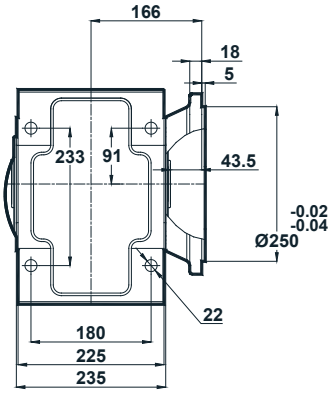
63-71-80
Type

	63/B5	71/B5 71/B14	80/B5 80/B14
k	876.5	865.5	917.5
k1	937.5	956.5	1010.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

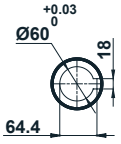
Please see on page 576 for optional flange dimensions

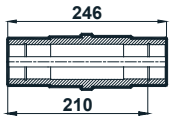
KV575.03
KV576.03



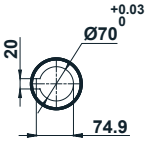


Std.





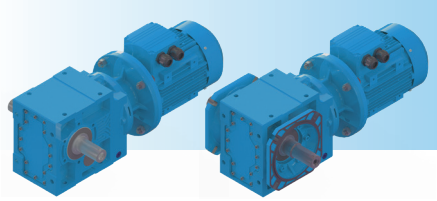
Ops.



	63/B5	71/B5 71/B14	80/B5 80/B14
k	876.5	865.5	917.5
k1	937.5	956.5	1010.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

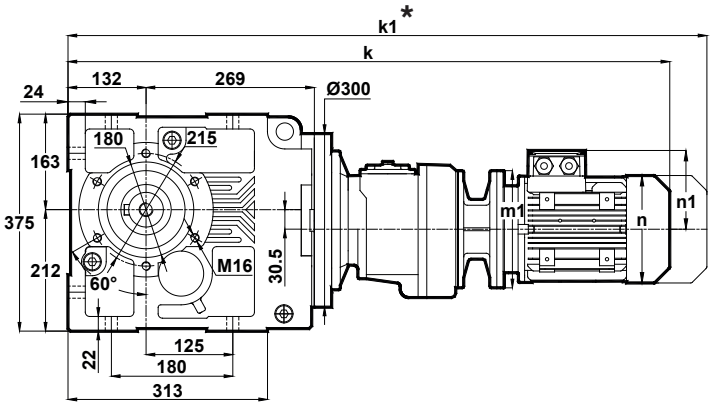
Please see on page 576 for optional flange dimensions

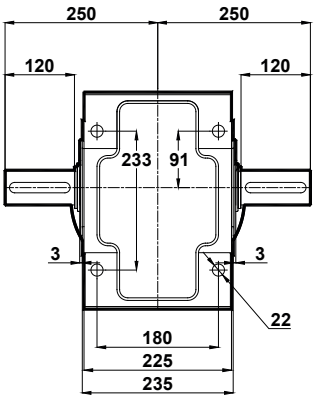
* Dimension " k1" is for motors with brake.

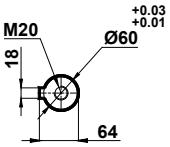


Tapped center hole to DIN 332, sheet 2

KV575.04
KV576.04

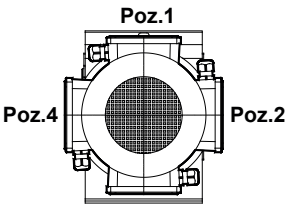






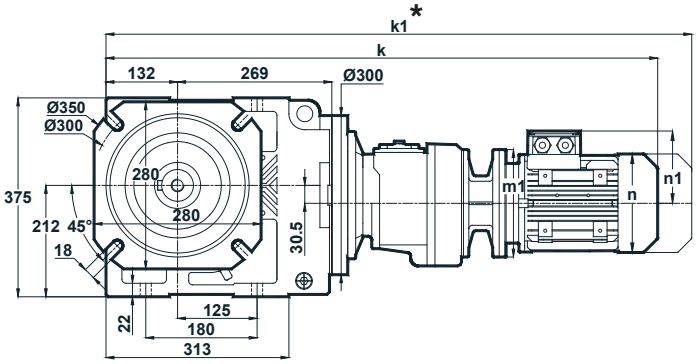
	63/B5	71/B5 71/B14	80/B5 80/B14
k	876.5	865.5	917.5
k1	937.5	956.5	1010.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

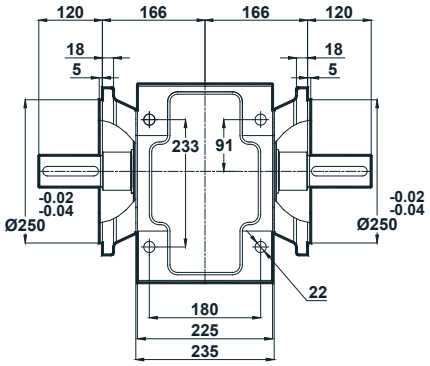
Terminal Box Positions

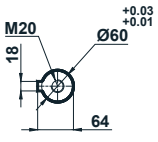


63-71-80
Type

KV575.05
KV576.05



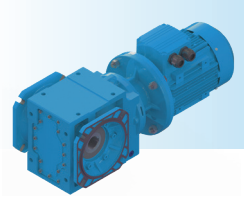




Please see on page 576 for optional flange dimensions

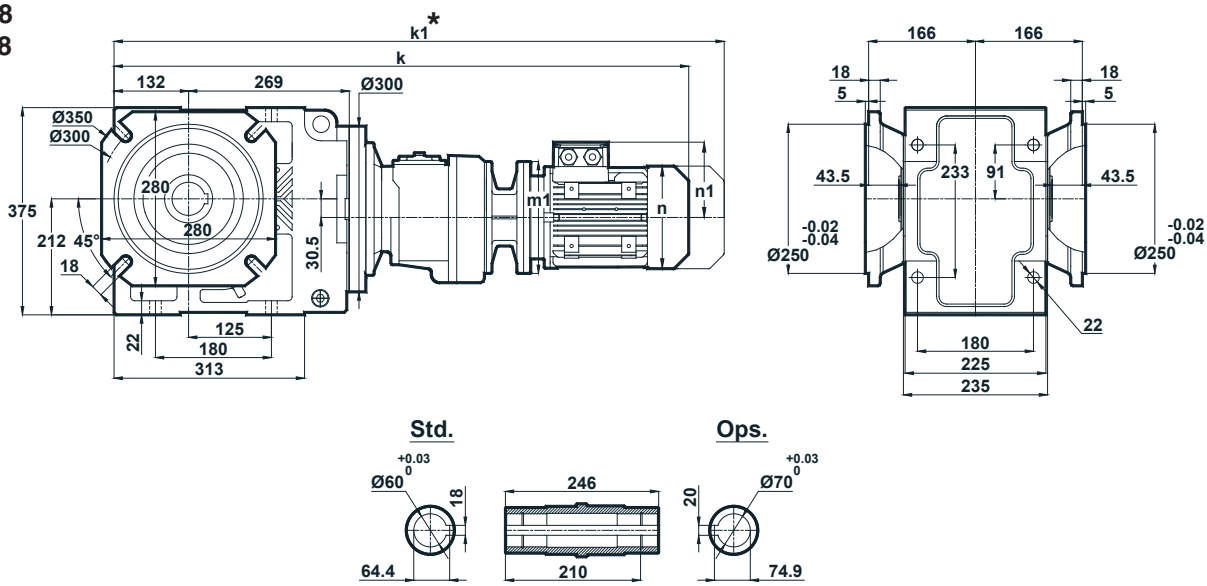
	63/B5	71/B5 71/B14	80/B5 80/B14
k	876.5	865.5	917.5
k1	937.5	956.5	1010.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

* Dimension " k1" is for motors with brake.



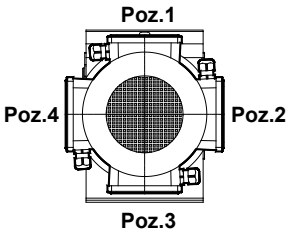
Tapped center hole to DIN 332, sheet 2

KV575.08
KV576.08



	63/B5	71/B5 71/B14	80/B5 80/B14
k	876.5	865.5	917.5
k1	937.5	956.5	1010.5
n / n1	121 / 97	137 / 112	155 / 123
m1 (B5)	140	160	200
m1 (B14)	-	105	120

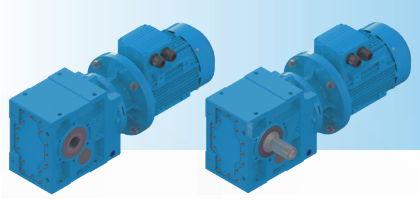
Terminal Box Positions



63-71-80
Type

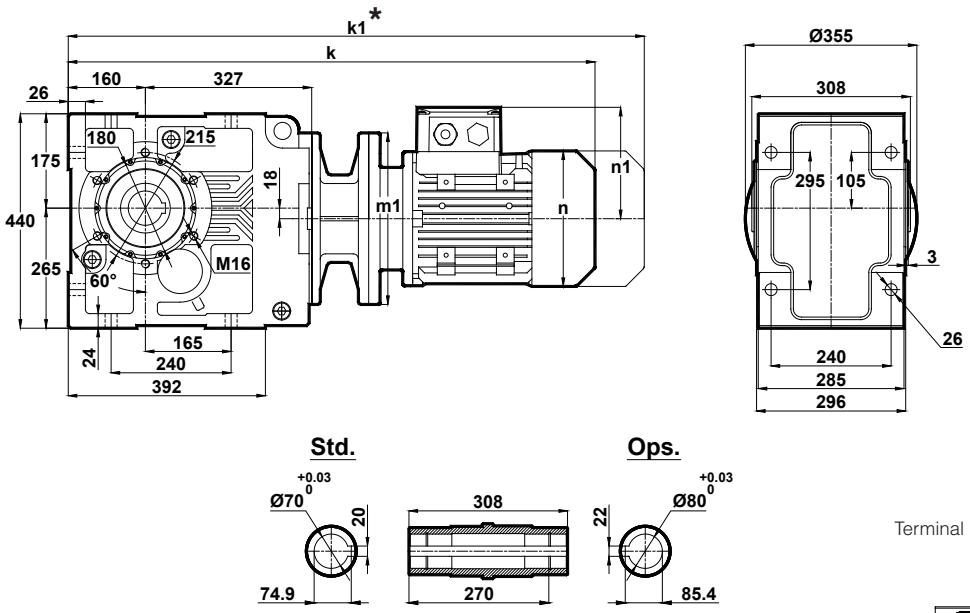
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.



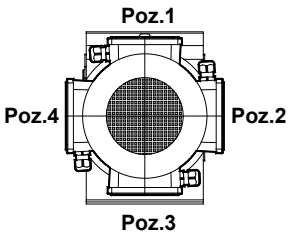
Tapped center hole to DIN 332, sheet 2

KV673.00



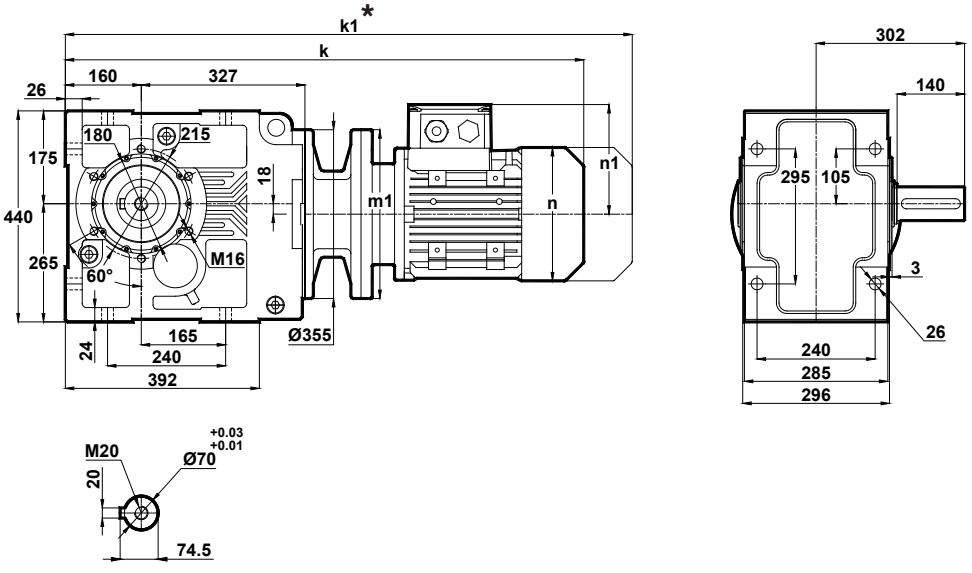
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5
k	866	886.5	985.5	985.5	1140.5	1140.5	1228.5	1228.5	1303	1374	1399
k1	974.5	991	1115.5	1115.5	1288.5	1288.5	1387	1387	1489.5	1539	1564
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316
m1 (B5)	250	250	300	300	350	350	350	350	400	450	450
m1 (B14)	-	-	200	200	-	-	-	-	-	-	-

Terminal Box Positions



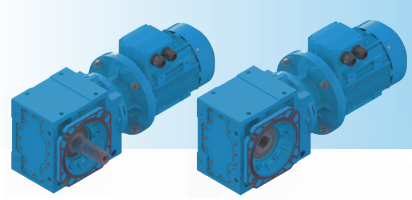
100-112-132-160-180-200-225
Type

KV673.01



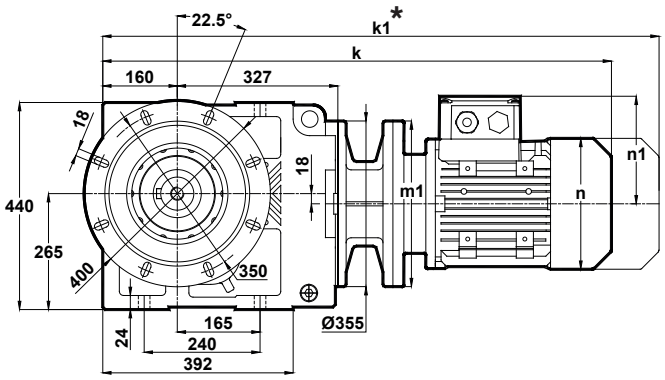
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5
k	866	886.5	985.5	985.5	1140.5	1140.5	1228.5	1228.5	1303	1374	1399
k1	974.5	991	1115.5	1115.5	1288.5	1288.5	1387	1387	1489.5	1539	1564
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316
m1 (B5)	250	250	300	300	350	350	350	350	400	450	450
m1 (B14)	-	-	200	200	-	-	-	-	-	-	-

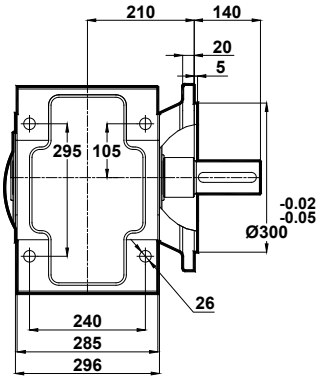
* Dimension " k1" is for motors with brake.

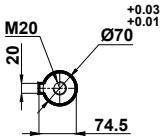


Tapped center hole to DIN 332, sheet 2

KV673.02

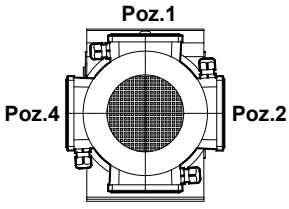






Please see on page 576 for optional flange dimensions

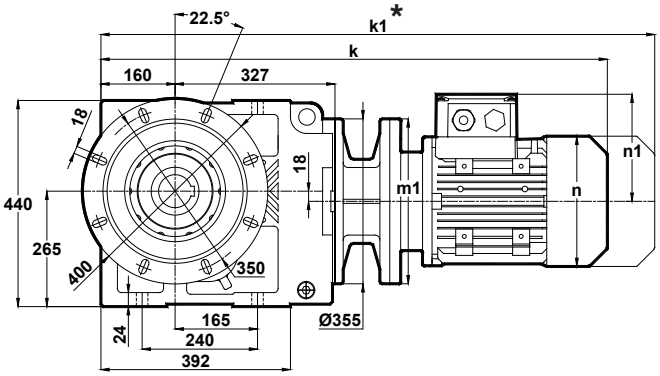
Terminal Box Positions

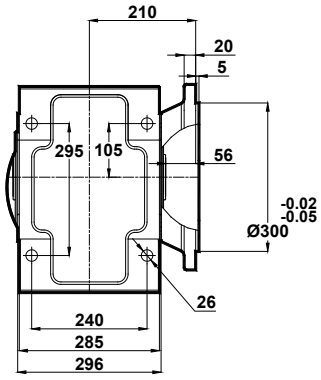


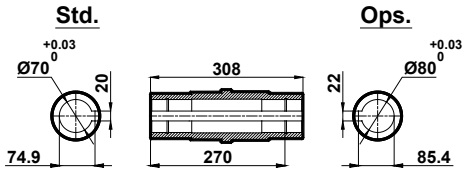
100-112-132-160-180-200-225
Type

	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5
k	866	886.5	985.5	985.5	1140.5	1140.5	1228.5	1228.5	1303	1374	1399
k1	974.5	991	1115.5	1115.5	1288.5	1288.5	1387	1387	1489.5	1539	1564
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316
m1 (B5)	250	250	300	300	350	350	350	350	400	450	450
m1 (B14)	-	-	200	200	-	-	-	-	-	-	-

KV673.03



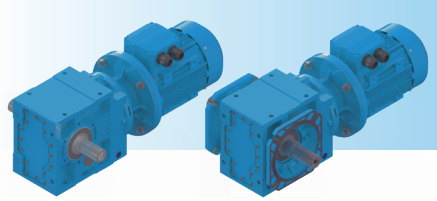




Please see on page 576 for optional flange dimensions

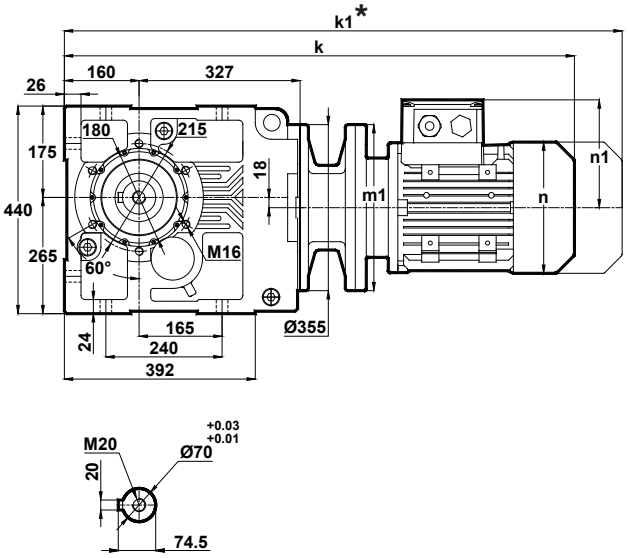
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5
k	866	886.5	985.5	985.5	1140.5	1140.5	1228.5	1228.5	1303	1374	1399
k1	974.5	991	1115.5	1115.5	1288.5	1288.5	1387	1387	1489.5	1539	1564
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316
m1 (B5)	250	250	300	300	350	350	350	350	400	450	450
m1 (B14)	-	-	200	200	-	-	-	-	-	-	-

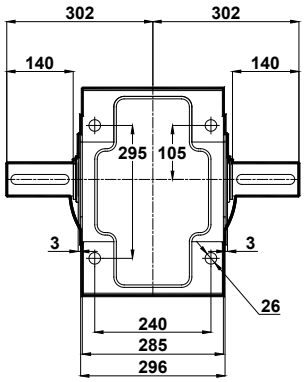
* Dimension " k1" is for motors with brake.



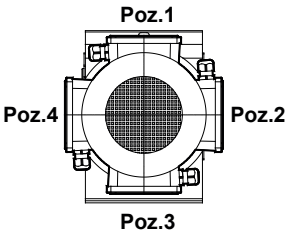
Tapped center hole to DIN 332, sheet 2

KV673.04





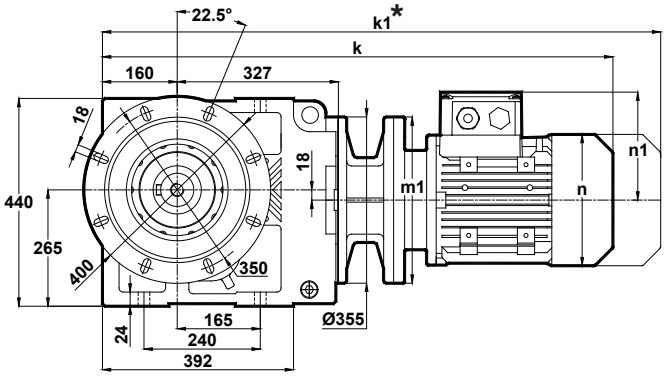
Terminal Box Positions

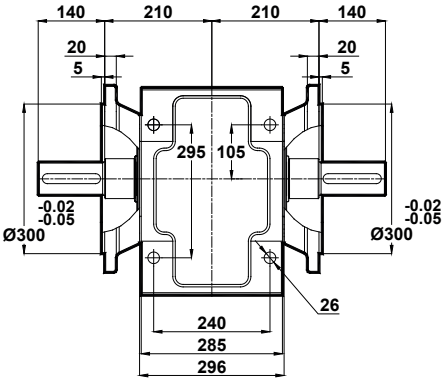


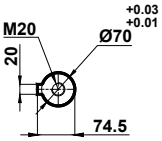
100-112-132-160-180-200-225
Type

	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5
k	866	886.5	985.5	985.5	1140.5	1140.5	1228.5	1228.5	1303	1374	1399
k1	974.5	991	1115.5	1115.5	1288.5	1288.5	1387	1387	1489.5	1539	1564
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316
m1 (B5)	250	250	300	300	350	350	350	350	400	450	450
m1 (B14)	-	-	200	200	-	-	-	-	-	-	-

KV673.05



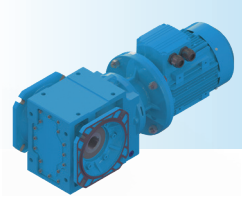




Please see on page 576 for optional flange dimensions

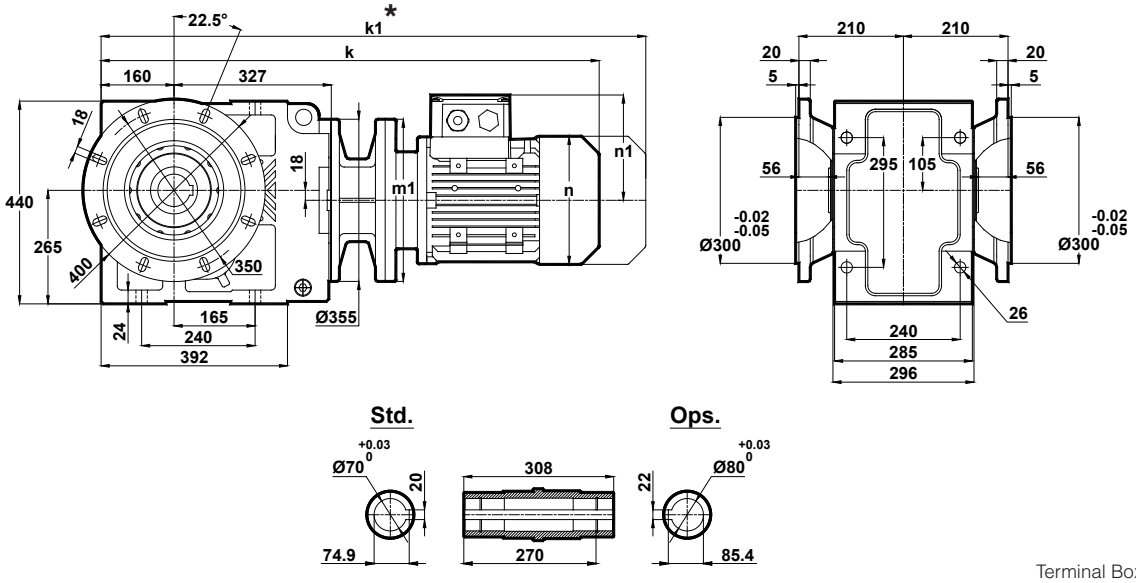
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5
k	866	886.5	985.5	985.5	1140.5	1140.5	1228.5	1228.5	1303	1374	1399
k1	974.5	991	1115.5	1115.5	1288.5	1288.5	1387	1387	1489.5	1539	1564
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316
m1 (B5)	250	250	300	300	350	350	350	350	400	450	450
m1 (B14)	-	-	200	200	-	-	-	-	-	-	-

* Dimension " k1" is for motors with brake.



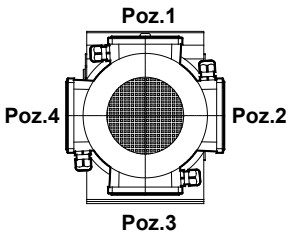
Tapped center hole to DIN 332, sheet 2

KV673.08



	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5
k	866	886.5	985.5	985.5	1140.5	1140.5	1228.5	1228.5	1303	1374	1399
k1	974.5	991	1115.5	1115.5	1288.5	1288.5	1387	1387	1489.5	1539	1564
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316
m1 (B5)	250	250	300	300	350	350	350	350	400	450	450
m1 (B14)	-	-	200	200	-	-	-	-	-	-	-

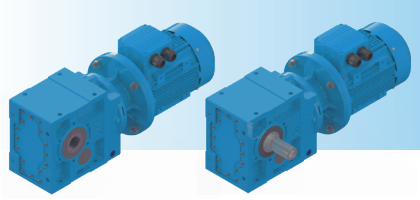
Terminal Box Positions



100-112-132-160-180-200-225
Type

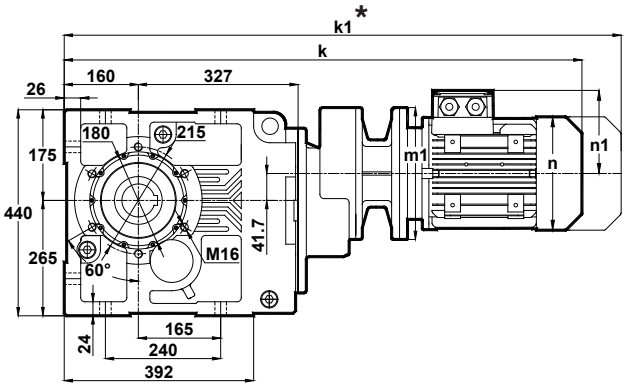
Please see on page 576 for optional flange dimensions

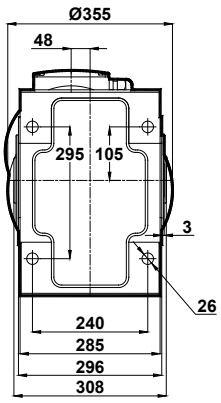
* Dimension " k1" is for motors with brake.

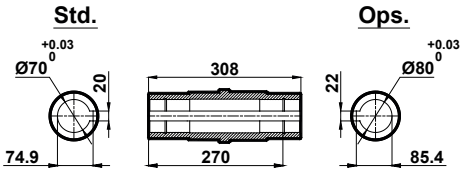


Tapped center hole to DIN 332, sheet 2

KV674.00

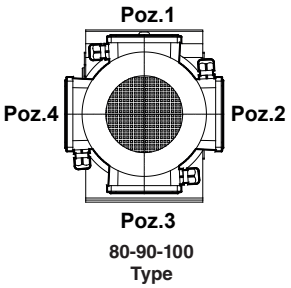




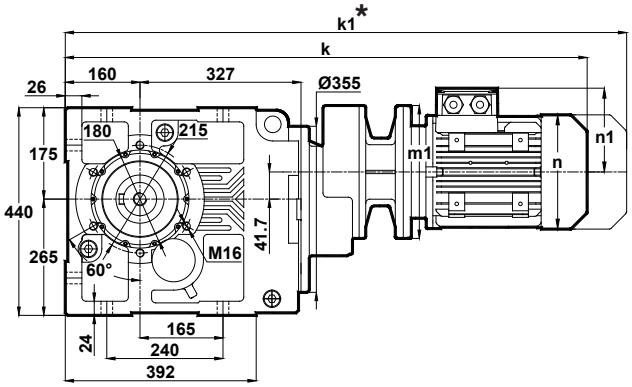


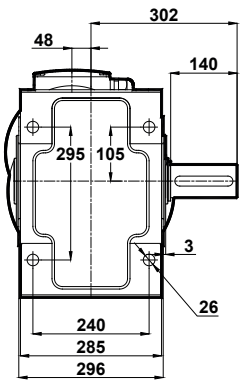
	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	879.5	920.5	920.5	974.5
k1	972.5	1024	1024	1083
n / n1	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	200	200	200	250
m1 (B14)	-	140	140	160

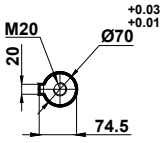
Terminal Box Positions



KV674.01

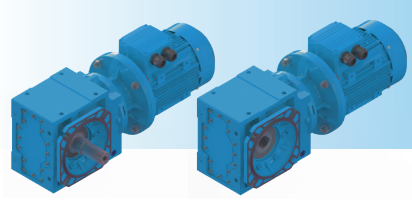






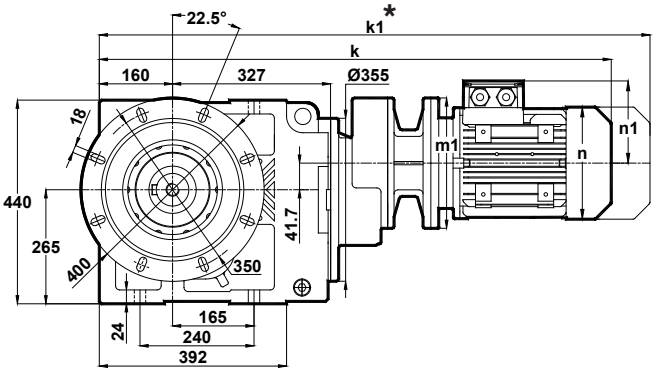
	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	879.5	920.5	920.5	974.5
k1	972.5	1024	1024	1083
n / n1	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	200	200	200	250
m1 (B14)	-	140	140	160

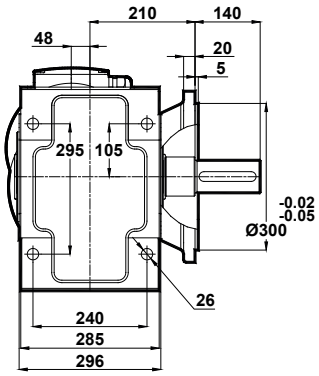
* Dimension " k1" is for motors with brake.

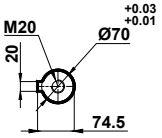


Tapped center hole to DIN 332, sheet 2

KV674.02

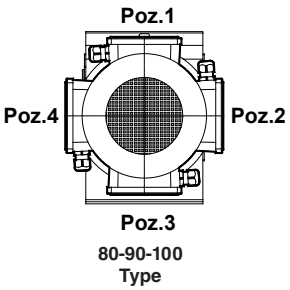






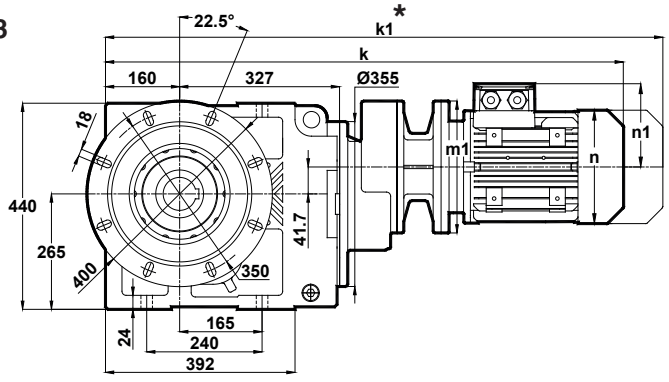
	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	879.5	920.5	920.5	974.5
k1	972.5	1024	1024	1083
n / n1	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	200	200	200	250
m1 (B14)	-	140	140	160

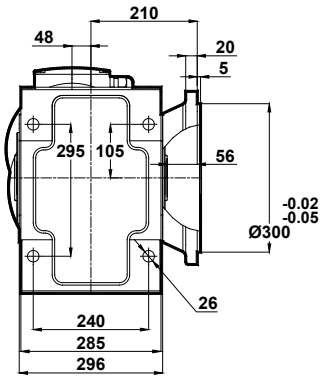
Terminal Box Positions

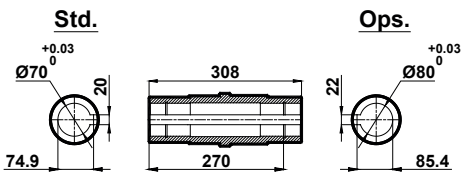


Please see on page 576 for optional flange dimensions

KV674.03



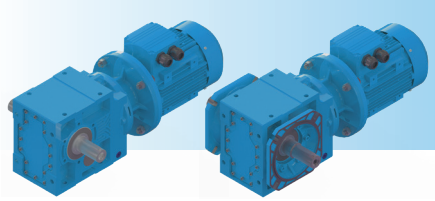




	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	879.5	920.5	920.5	974.5
k1	972.5	1024	1024	1083
n / n1	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	200	200	200	250
m1 (B14)	-	140	140	160

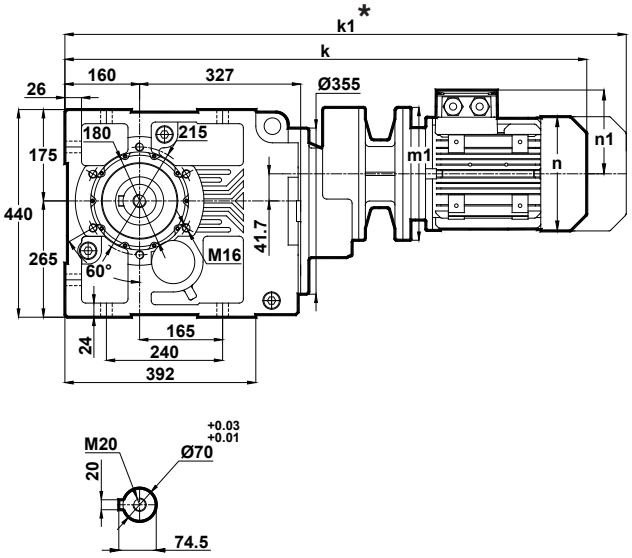
Please see on page 576 for optional flange dimensions

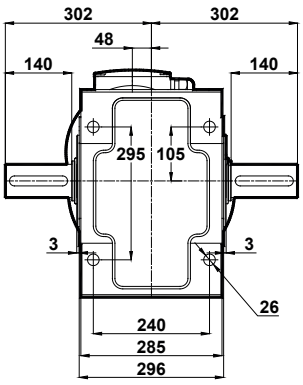
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

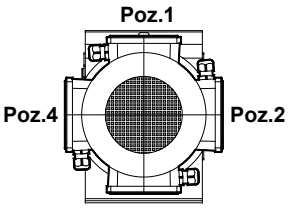
KV674.04





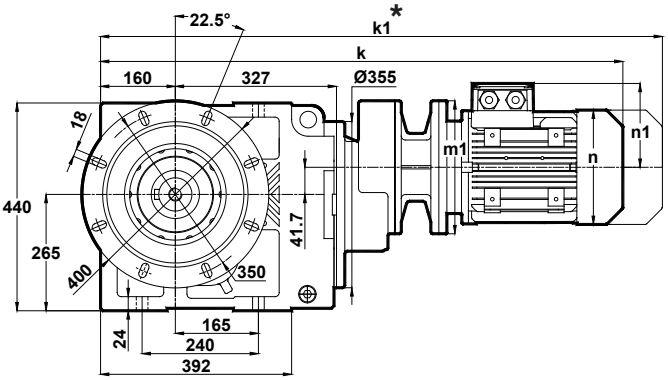
	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	879.5	920.5	920.5	974.5
k1	972.5	1024	1024	1083
n / n1	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	200	200	200	250
m1 (B14)	-	140	140	160

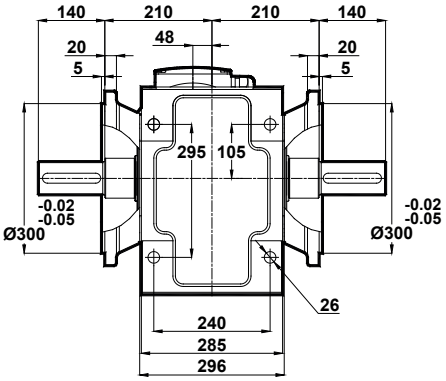
Terminal Box Positions

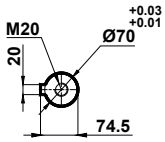


80-90-100
Type

KV674.05



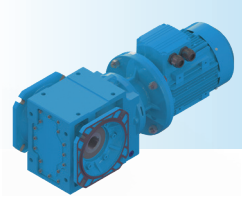




Please see on page 576 for optional flange dimensions

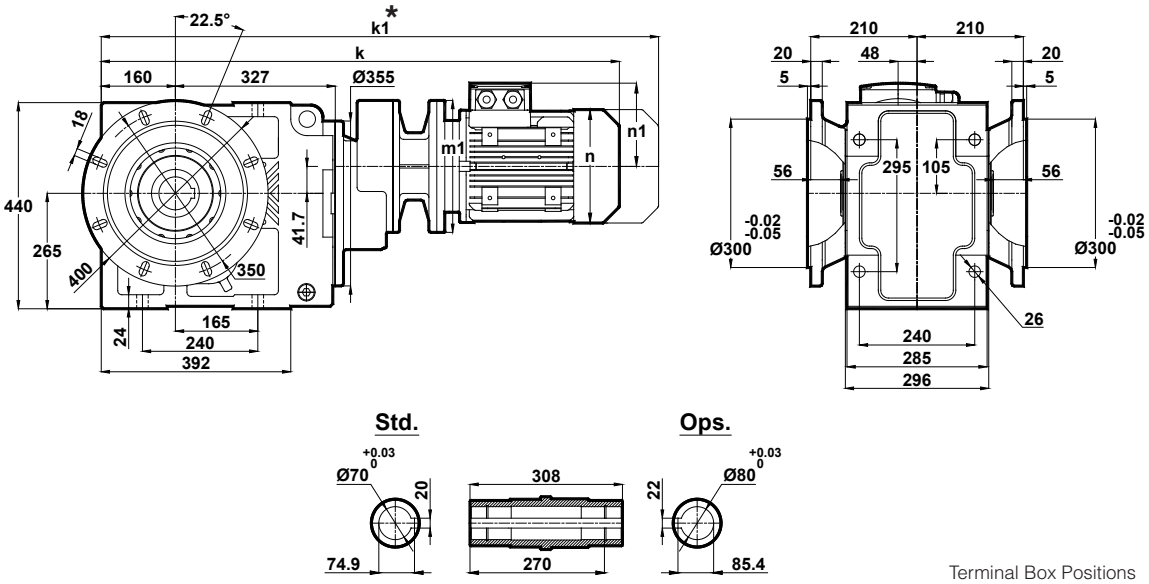
	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	879.5	920.5	920.5	974.5
k1	972.5	1024	1024	1083
n / n1	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	200	200	200	250
m1 (B14)	-	140	140	160

* Dimension " k1" is for motors with brake.



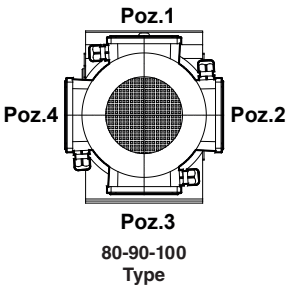
Tapped center hole to DIN 332, sheet 2

KV674.08



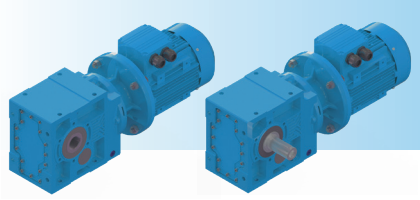
	80/B5	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	879.5	920.5	920.5	974.5
k1	972.5	1024	1024	1083
n / n1	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	200	200	200	250
m1 (B14)	-	140	140	160

Terminal Box Positions



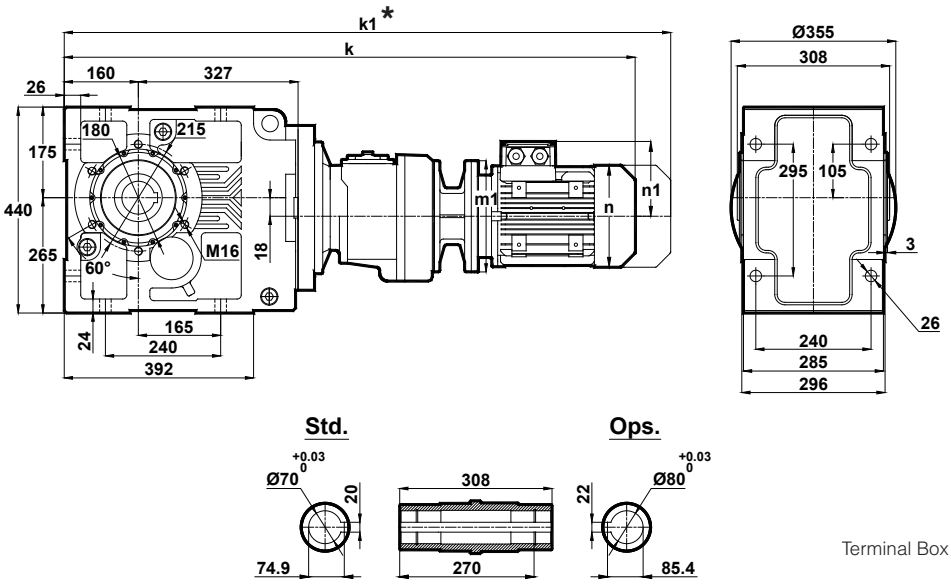
Please see on page 576 for optional flange dimensions

* Dimension " k1" is for motors with brake.

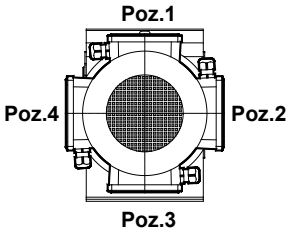


Tapped center hole to DIN 332, sheet 2

KV675.00
KV676.00



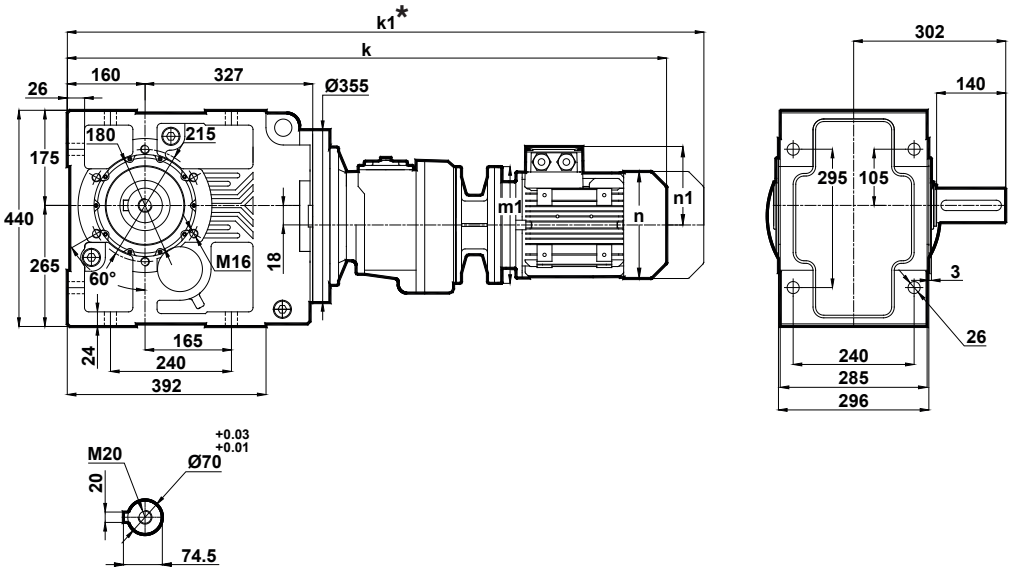
Terminal Box Positions



71-80-90
Type

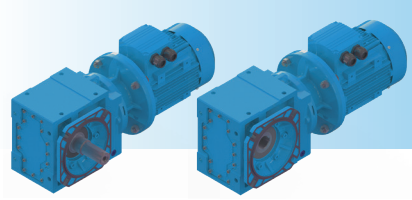
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	1007.5	1030.5	1071.5	1071.5
k1	1098.5	1123.5	1175	1175
n / n1	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	160	200	200	200
m1 (B14)	-	120	140	140

KV675.01
KV676.01



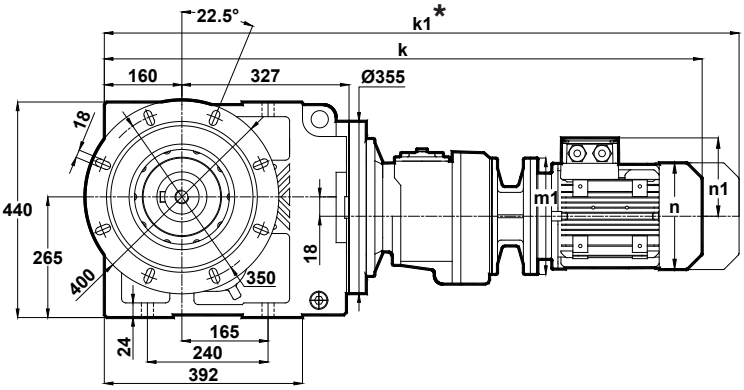
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	1007.5	1030.5	1071.5	1071.5
k1	1098.5	1123.5	1175	1175
n / n1	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	160	200	200	200
m1 (B14)	-	120	140	140

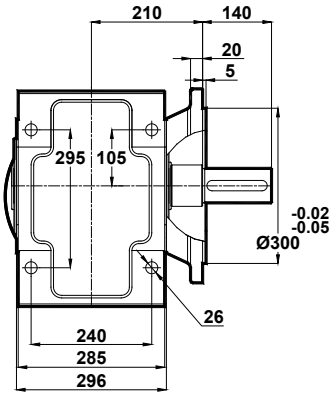
* Dimension " k1" is for motors with brake.

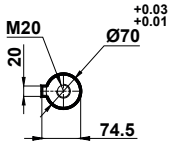


Tapped center hole to DIN 332, sheet 2

KV675.02
KV676.02

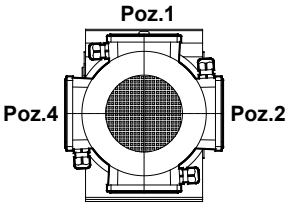






Terminal Box Positions

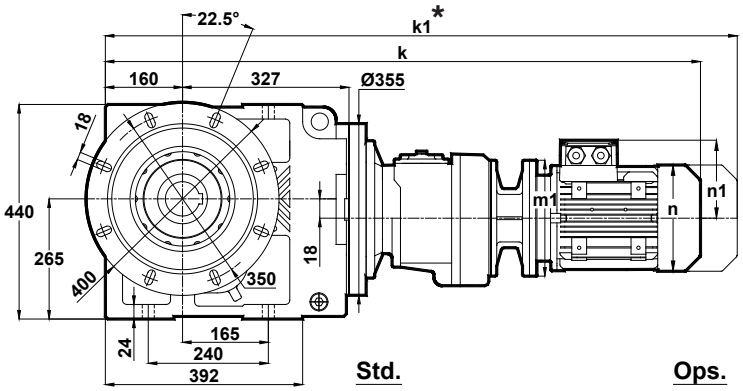
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	1007.5	1030.5	1071.5	1071.5
k1	1098.5	1123.5	1175	1175
n / n1	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	160	200	200	200
m1 (B14)	-	120	140	140

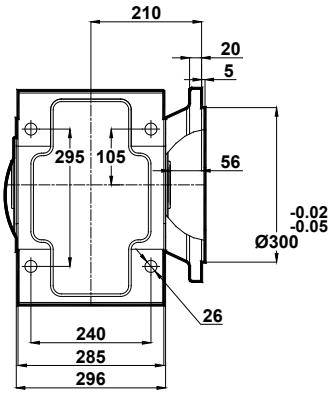


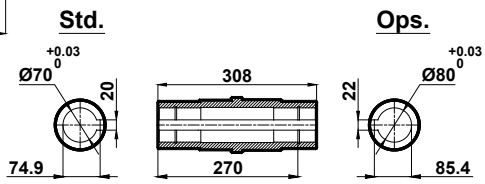
71-80-90
Type

Please see on page 576 for optional flange dimensions

KV675.03
KV676.03



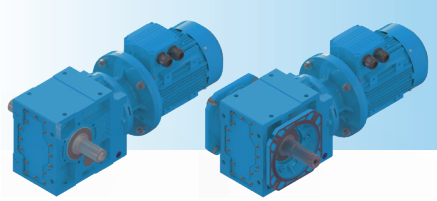




	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	1007.5	1030.5	1071.5	1071.5
k1	1098.5	1123.5	1175	1175
n / n1	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	160	200	200	200
m1 (B14)	-	120	140	140

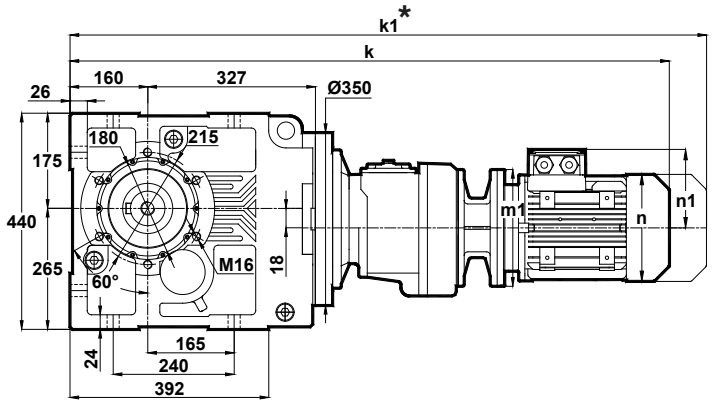
Please see on page 576 for optional flange dimensions

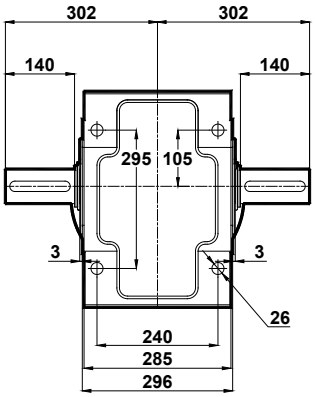
* Dimension " k1" is for motors with brake.

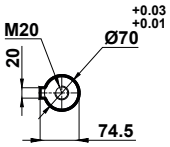


Tapped center hole to DIN 332, sheet 2

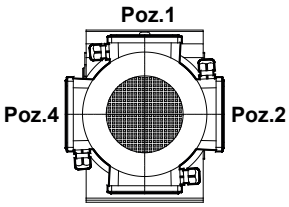
KV675.04
KV676.04







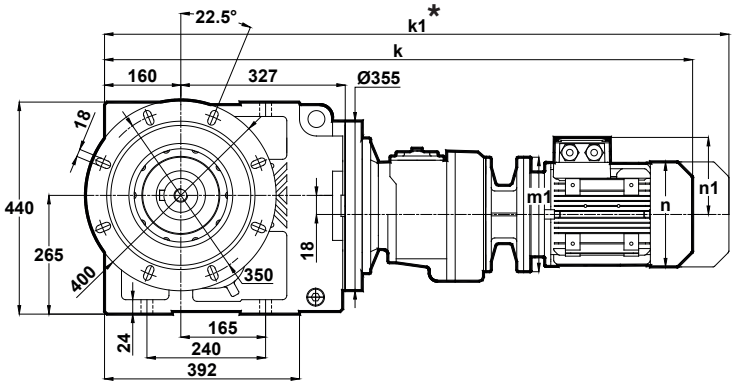
Terminal Box Positions

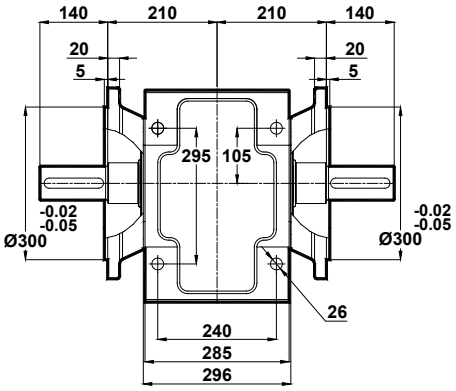


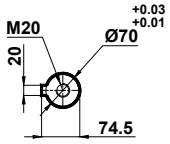
71-80-90
Type

	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	1007.5	1030.5	1071.5	1071.5
k1	1098.5	1123.5	1175	1175
n / n1	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	160	200	200	200
m1 (B14)	-	120	140	140

KV675.05
KV676.05



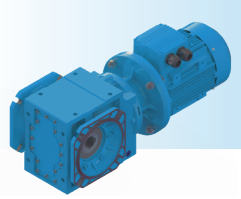




Please see on page 576 for optional flange dimensions

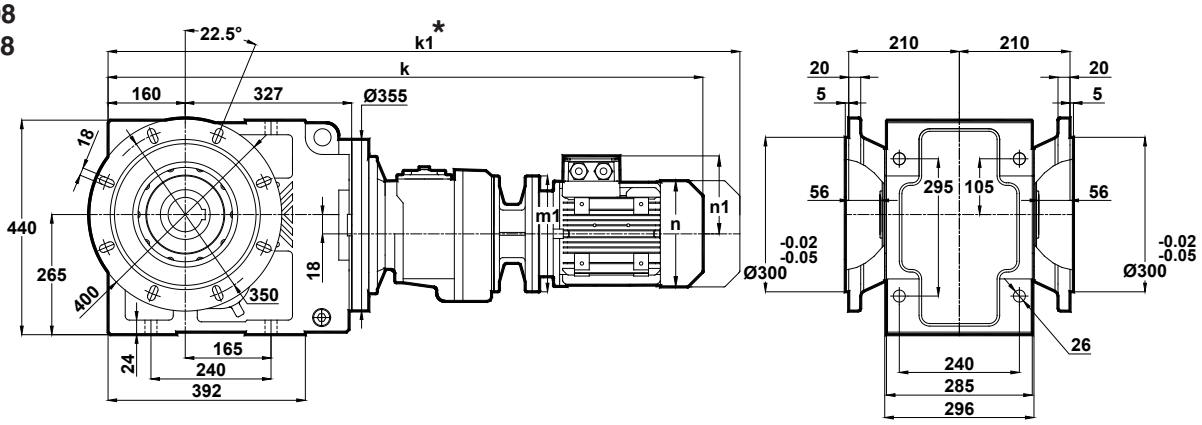
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	1007.5	1030.5	1071.5	1071.5
k1	1098.5	1123.5	1175	1175
n / n1	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	160	200	200	200
m1 (B14)	-	120	140	140

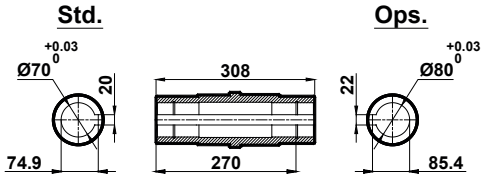
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

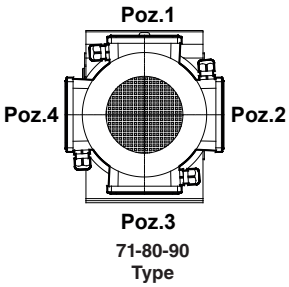
KV675.08
KV676.08





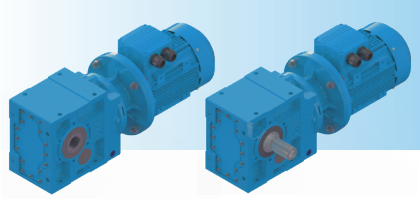
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14
k	1007.5	1030.5	1071.5	1071.5
k1	1098.5	1123.5	1175	1175
n / n1	137 / 112	155 / 123	176 / 132	176 / 132
m1 (B5)	160	200	200	200
m1 (B14)	-	120	140	140

Terminal Box Positions



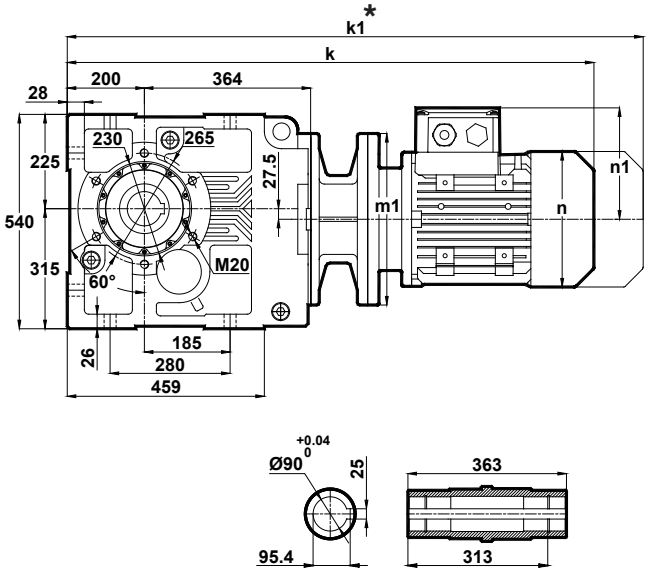
Please see on page 576 for optional flange dimensions

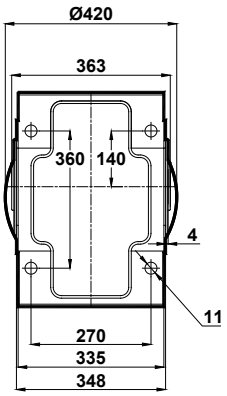
* Dimension " k1" is for motors with brake.



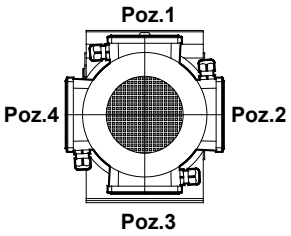
Tapped center hole to DIN 332, sheet 2

KV773.00





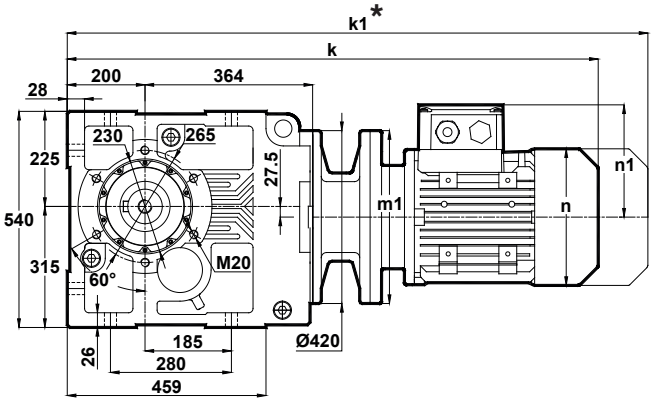
Terminal Box Positions

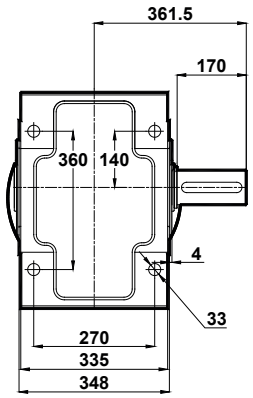


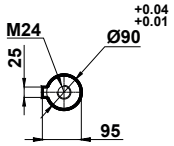
132-160-180-200-225-250
Type

	132S/B5	132M/B5	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5
k	1062.5	1062.5	1212	1212	1300	1300	1376	1447	1472	1548
k1	1192.5	1192.5	1360	1360	1458.5	1458.5	1562.5	1612	1637	1718.5
n / n1	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335
m1 (B5)	300	300	350	350	350	350	400	450	450	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

KV773.01

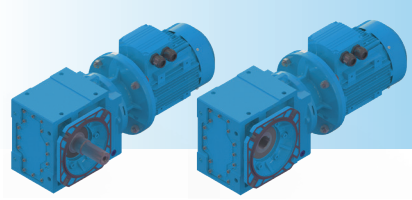






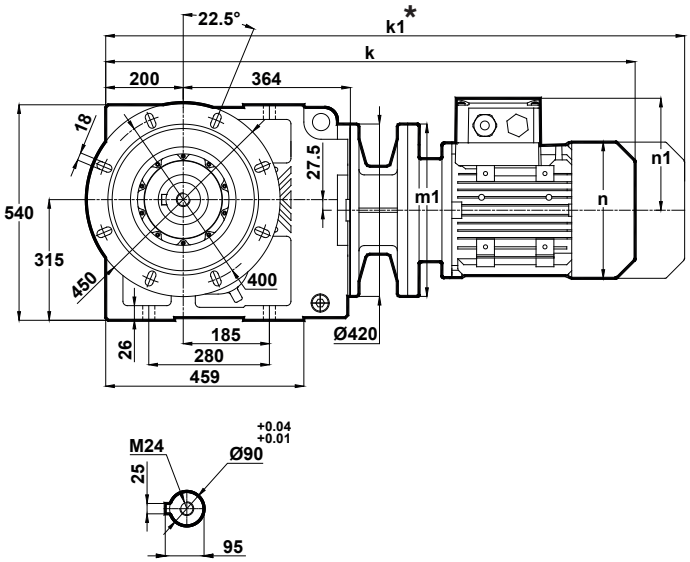
	132S/B5	132M/B5	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5
k	1062.5	1062.5	1212	1212	1300	1300	1376	1447	1472	1548
k1	1192.5	1192.5	1360	1360	1458.5	1458.5	1562.5	1612	1637	1718.5
n / n1	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335
m1 (B5)	300	300	350	350	350	350	400	450	450	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

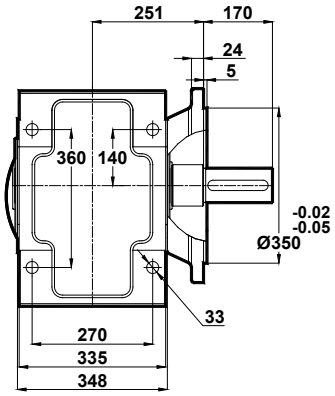
* Dimension " k1" is for motors with brake.



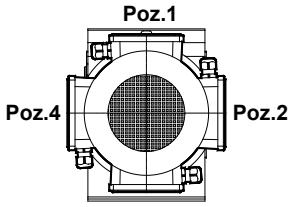
Tapped center hole to DIN 332, sheet 2

KV773.02





Terminal Box Positions

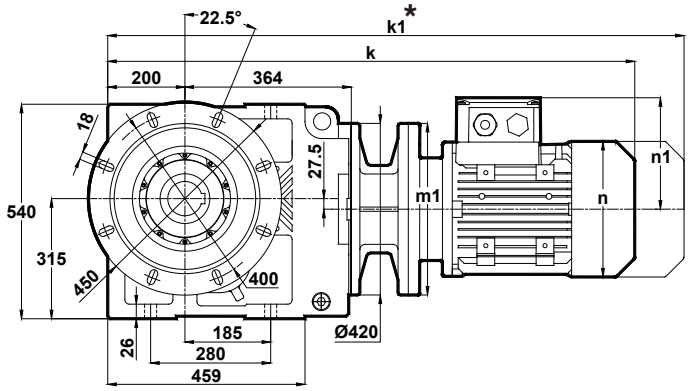


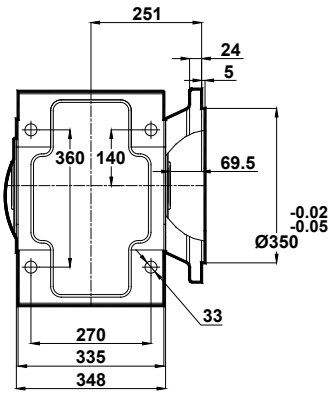
132-160-180-200-225-250
Type

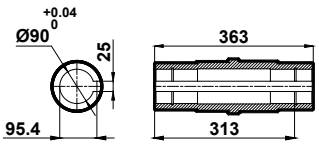
	132S/B5	132M/B5	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5
k	1062.5	1062.5	1212	1212	1300	1300	1376	1447	1472	1548
k1	1192.5	1192.5	1360	1360	1458.5	1458.5	1562.5	1612	1637	1718.5
n / n1	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335
m1 (B5)	300	300	350	350	350	350	400	450	450	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

Please see on page 576 for optional flange dimensions

KV773.03



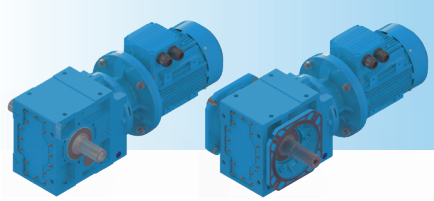




Please see on page 576 for optional flange dimensions

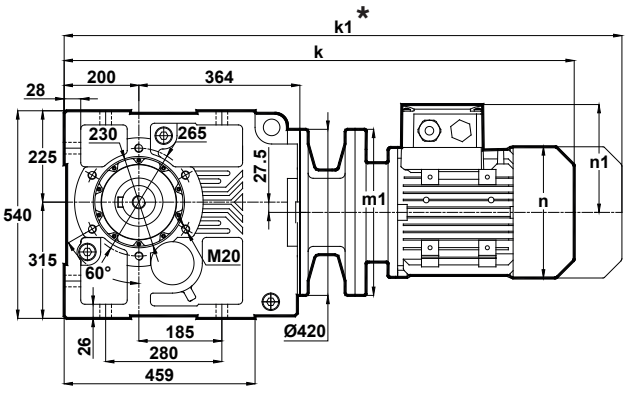
	132S/B5	132M/B5	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5
k	1062.5	1062.5	1212	1212	1300	1300	1376	1447	1472	1548
k1	1192.5	1192.5	1360	1360	1458.5	1458.5	1562.5	1612	1637	1718.5
n / n1	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335
m1 (B5)	300	300	350	350	350	350	400	450	450	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

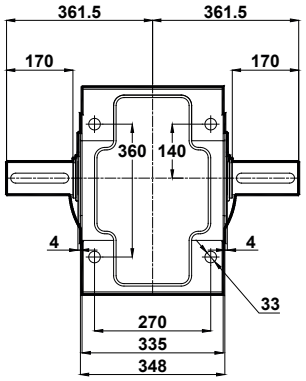
* Dimension " k1" is for motors with brake.

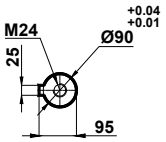


Tapped center hole to DIN 332, sheet 2

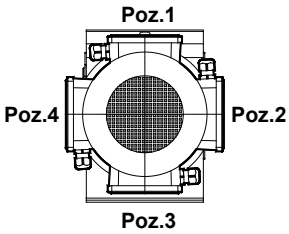
KV773.04







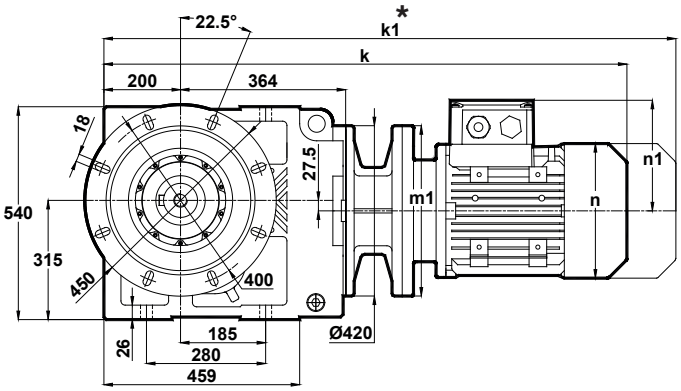
Terminal Box Positions

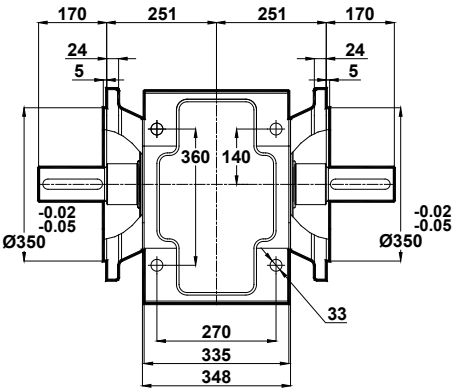


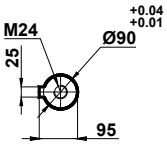
132-160-180-200-225-250
Type

	132S/B5	132M/B5	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5
k	1062.5	1062.5	1212	1212	1300	1300	1376	1447	1472	1548
k1	1192.5	1192.5	1360	1360	1458.5	1458.5	1562.5	1612	1637	1718.5
n / n1	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335
m1 (B5)	300	300	350	350	350	350	400	450	450	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

KV773.05



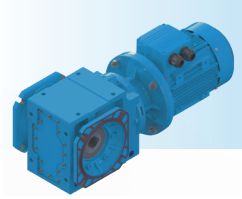




Please see on page 576 for optional flange dimensions

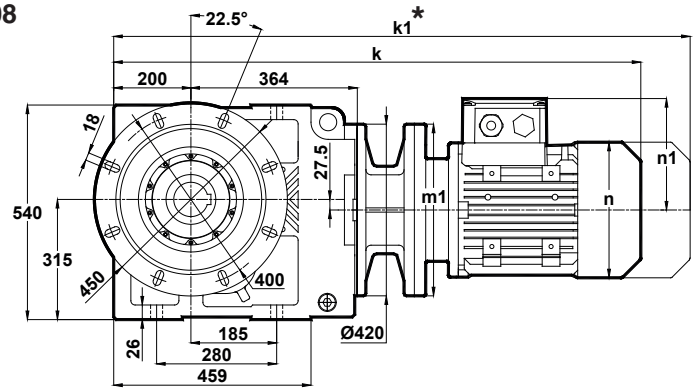
	132S/B5	132M/B5	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5
k	1062.5	1062.5	1212	1212	1300	1300	1376	1447	1472	1548
k1	1192.5	1192.5	1360	1360	1458.5	1458.5	1562.5	1612	1637	1718.5
n / n1	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335
m1 (B5)	300	300	350	350	350	350	400	450	450	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

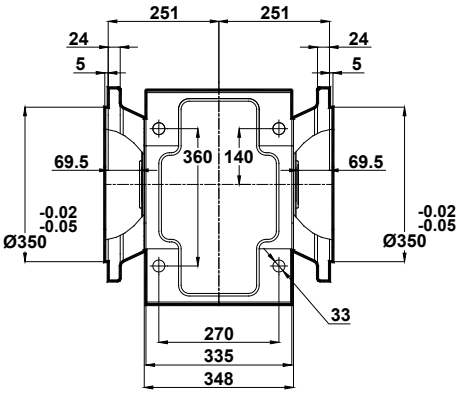
* Dimension " k1" is for motors with brake.

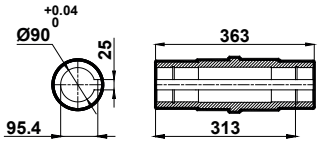


Tapped center hole to DIN 332, sheet 2

KV773.08

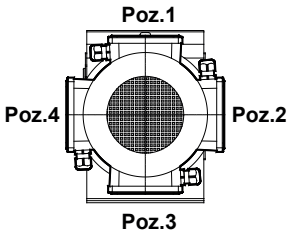






	132S/B5	132M/B5	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5
k	1062.5	1062.5	1212	1212	1300	1300	1376	1447	1472	1548
k1	1192.5	1192.5	1360	1360	1458.5	1458.5	1562.5	1612	1637	1718.5
n / n1	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335
m1 (B5)	300	300	350	350	350	350	400	450	450	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

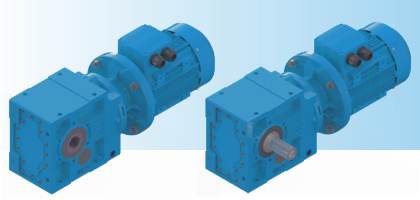
Terminal Box Positions



132-160-180-200-225-250
Type

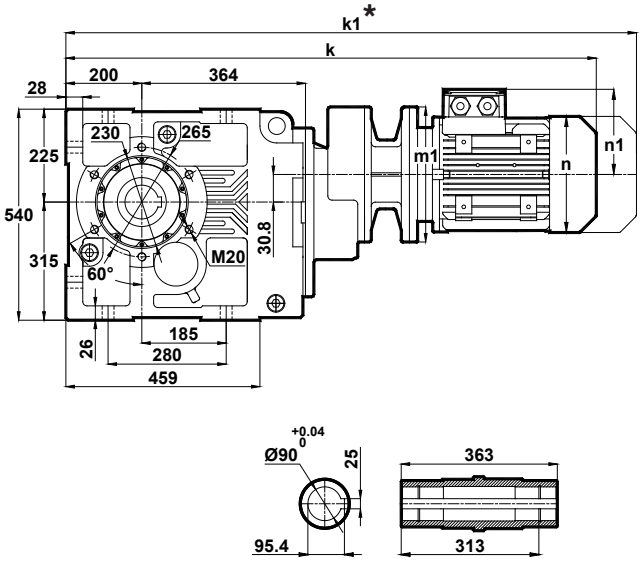
Please see on page 576 for optional flange dimensions

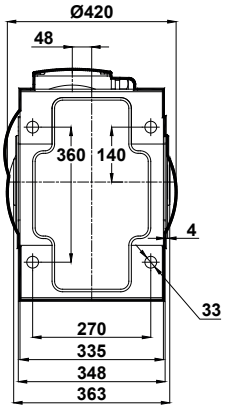
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

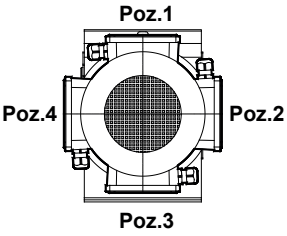
KV774.00





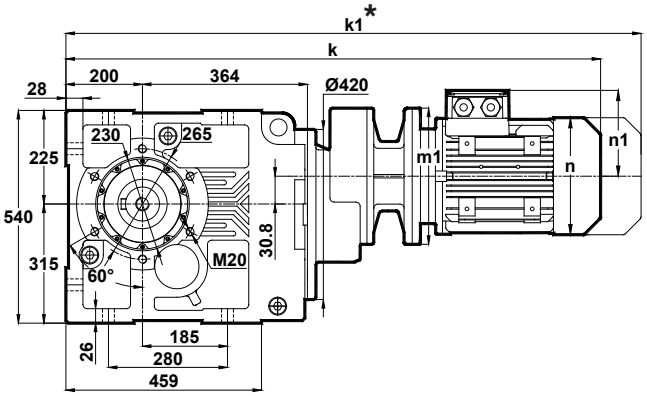
	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	997.5	997.5	1051.5	1072	1174.5	1174.5
k1	1101	1101	1160	1176.5	1304.5	1304.5
n / n1	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	250	250	300	300
m1 (B14)	140	140	160	160	200	200

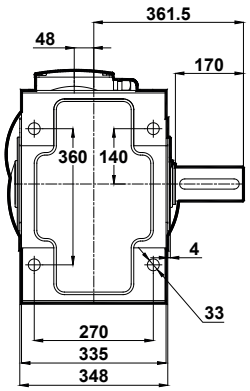
Terminal Box Positions

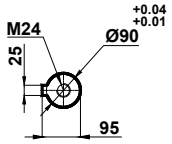


90-100-112-132 Type

KV774.01





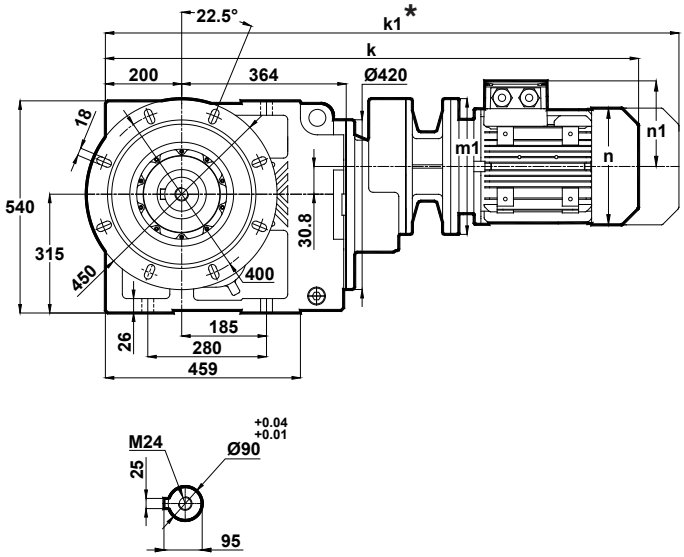


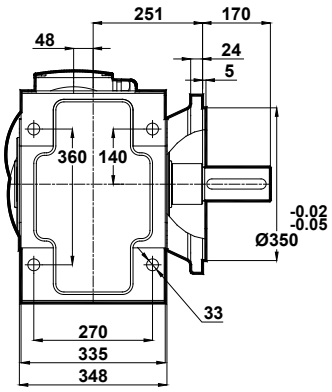
	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	997.5	997.5	1051.5	1072	1174.5	1174.5
k1	1101	1101	1160	1176.5	1304.5	1304.5
n / n1	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	250	250	300	300
m1 (B14)	140	140	160	160	200	200

* Dimension " k1" is for motors with brake.

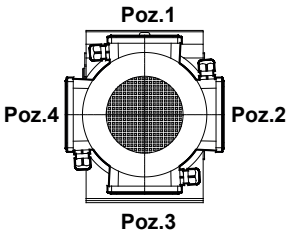
Tapped center hole to DIN 332, sheet 2

KV774.02





Terminal Box Positions

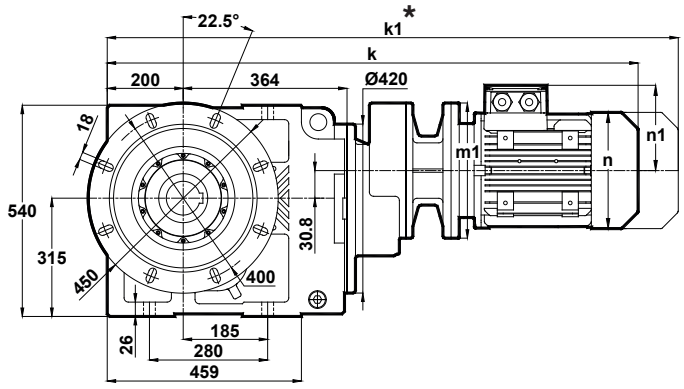


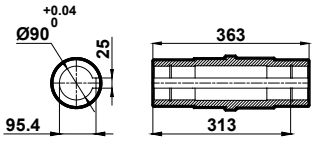
90-100-112-132 Type

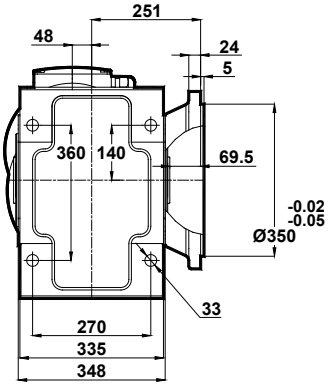
	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	997.5	997.5	1051.5	1072	1174.5	1174.5
k1	1101	1101	1160	1176.5	1304.5	1304.5
n / n1	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	250	250	300	300
m1 (B14)	140	140	160	160	200	200

Please see on page 576 for optional flange dimensions

KV774.03



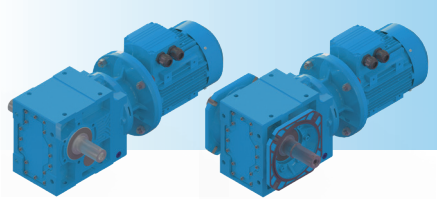




	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	997.5	997.5	1051.5	1072	1174.5	1174.5
k1	1101	1101	1160	1176.5	1304.5	1304.5
n / n1	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	250	250	300	300
m1 (B14)	140	140	160	160	200	200

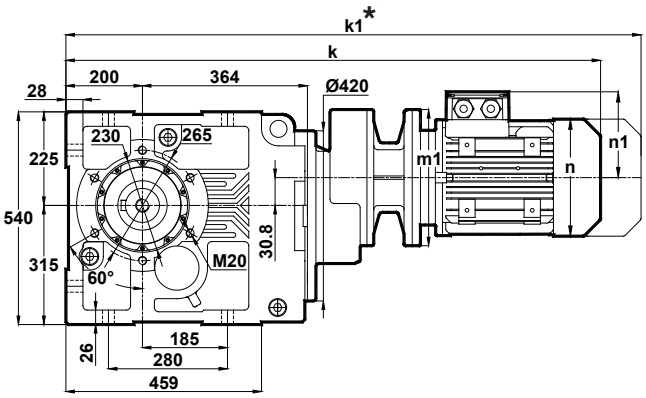
Please see on page 576 for optional flange dimensions

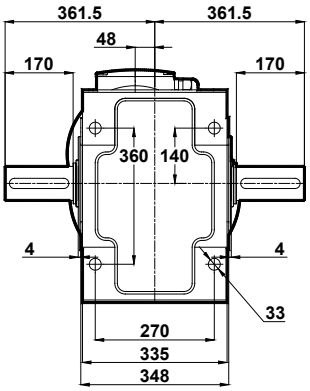
* Dimension " k1" is for motors with brake.

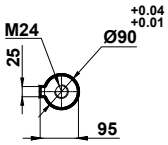


Tapped center hole to DIN 332, sheet 2

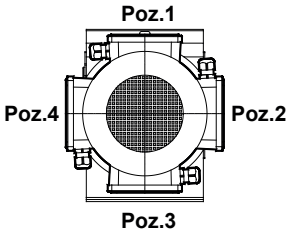
KV774.04







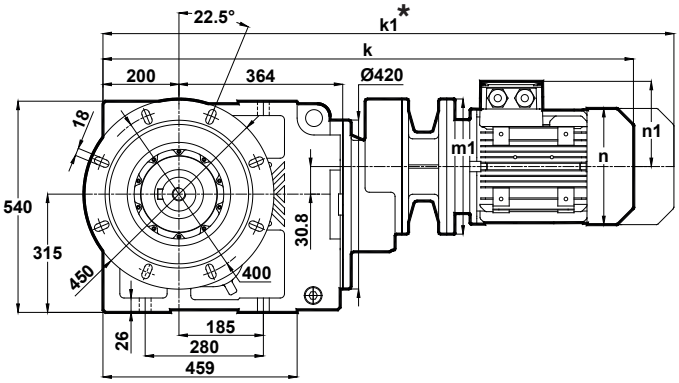
Terminal Box Positions

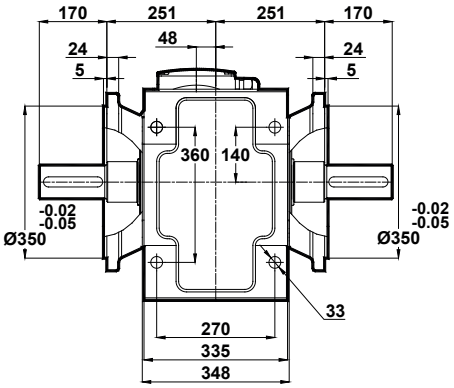


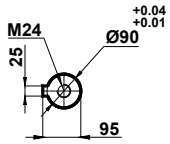
90-100-112-132
Type

	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	997.5	997.5	1051.5	1072	1174.5	1174.5
k1	1101	1101	1160	1176.5	1304.5	1304.5
n / n1	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	250	250	300	300
m1 (B14)	140	140	160	160	200	200

KV774.05



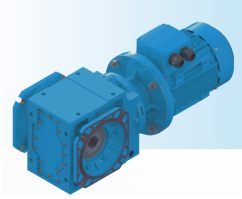




Please see on page 576 for optional flange dimensions

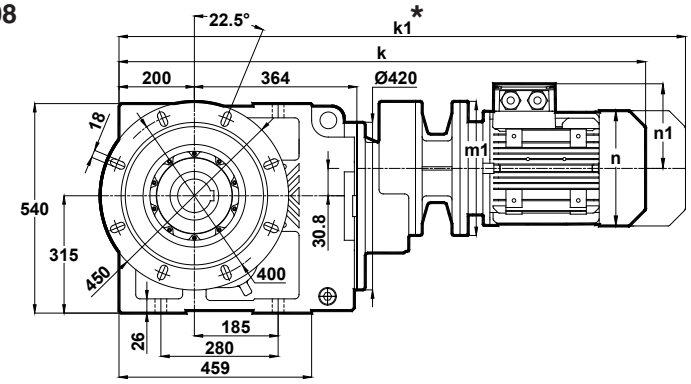
	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	997.5	997.5	1051.5	1072	1174.5	1174.5
k1	1101	1101	1160	1176.5	1304.5	1304.5
n / n1	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	250	250	300	300
m1 (B14)	140	140	160	160	200	200

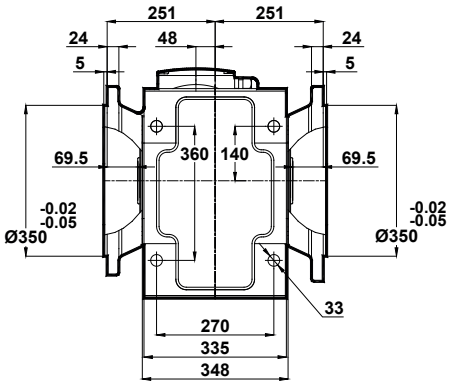
* Dimension " k1" is for motors with brake.

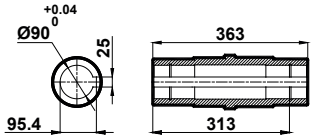


Tapped center hole to DIN 332, sheet 2

KV774.08

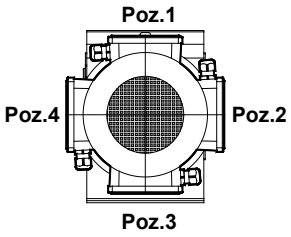






	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	997.5	997.5	1051.5	1072	1174.5	1174.5
k1	1101	1101	1160	1176.5	1304.5	1304.5
n / n1	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	250	250	300	300
m1 (B14)	140	140	160	160	200	200

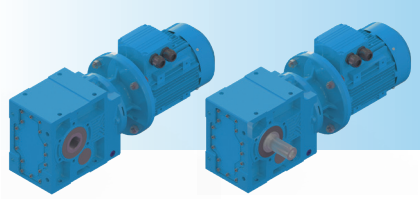
Terminal Box Positions



90-100-112-132
Type

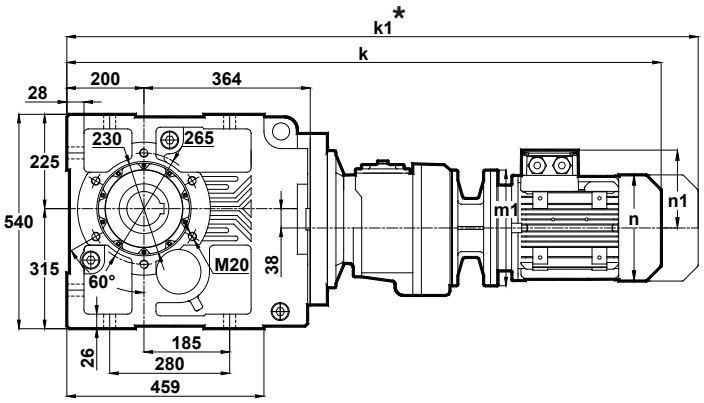
Please see on page 576 for optional flange dimensions

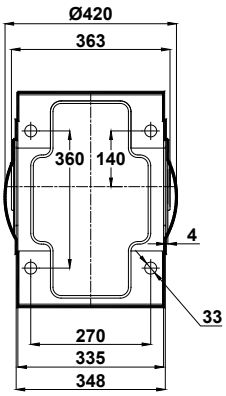
* Dimension " k1" is for motors with brake.

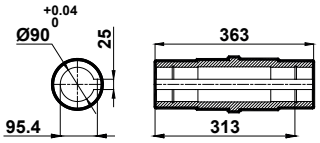


Tapped center hole to DIN 332, sheet 2

KV775.00
KV776.00

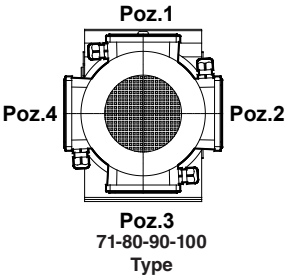




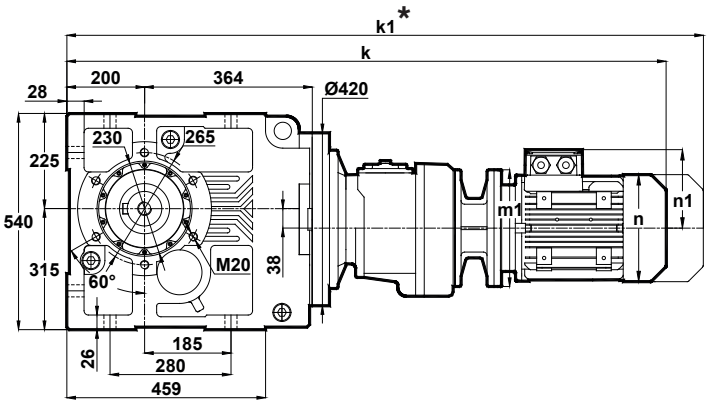


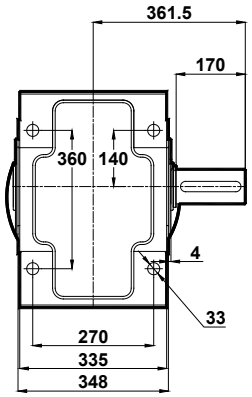
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	1084.5	1107.5	1148.5	1148.5	1201
k1	1175.5	1200.5	1252	1252	1309.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	160

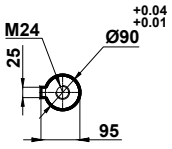
Terminal Box Positions



KV775.01
KV776.01

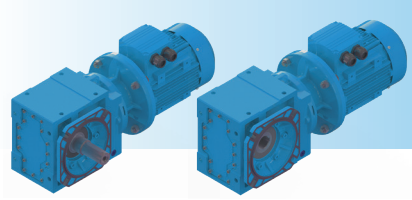






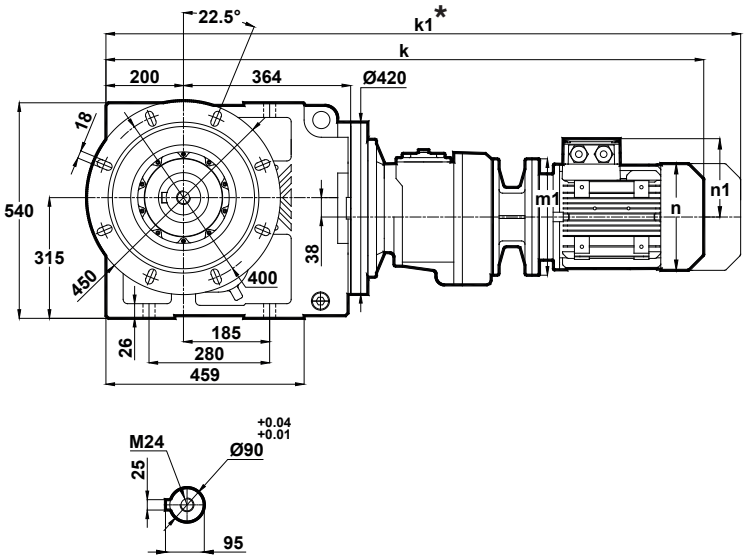
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	1084.5	1107.5	1148.5	1148.5	1201
k1	1175.5	1200.5	1252	1252	1309.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	160

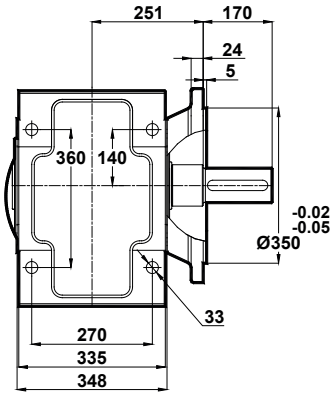
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

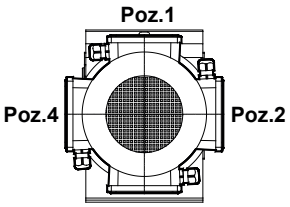
KV775.02
KV776.02





	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	1084.5	1107.5	1148.5	1148.5	1201
k1	1175.5	1200.5	1252	1252	1309.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	160

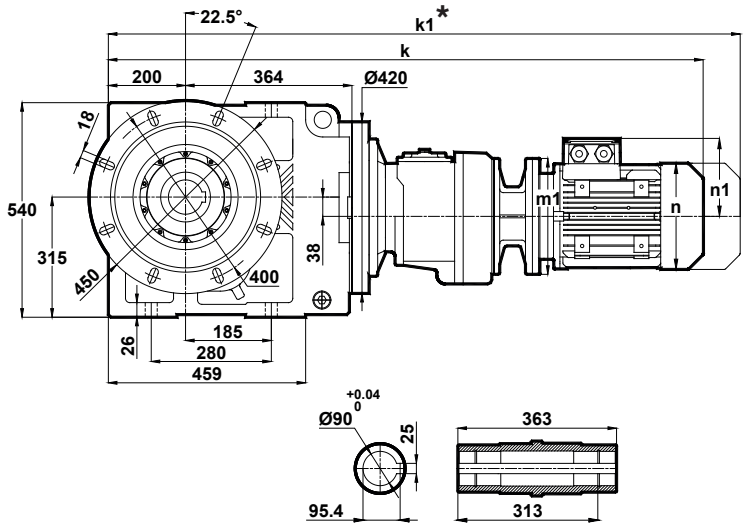
Terminal Box Positions

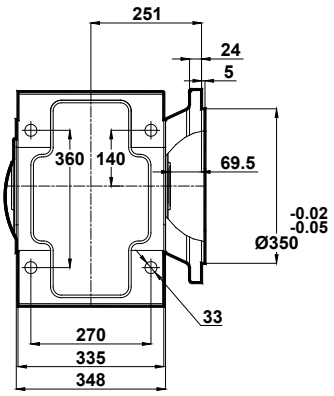


71-80-90-100
Type

Please see on page 576 for optional flange dimensions

KV775.03
KV776.03

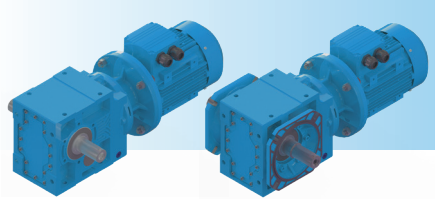




	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	1084.5	1107.5	1148.5	1148.5	1201
k1	1175.5	1200.5	1252	1252	1309.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	160

Please see on page 576 for optional flange dimensions

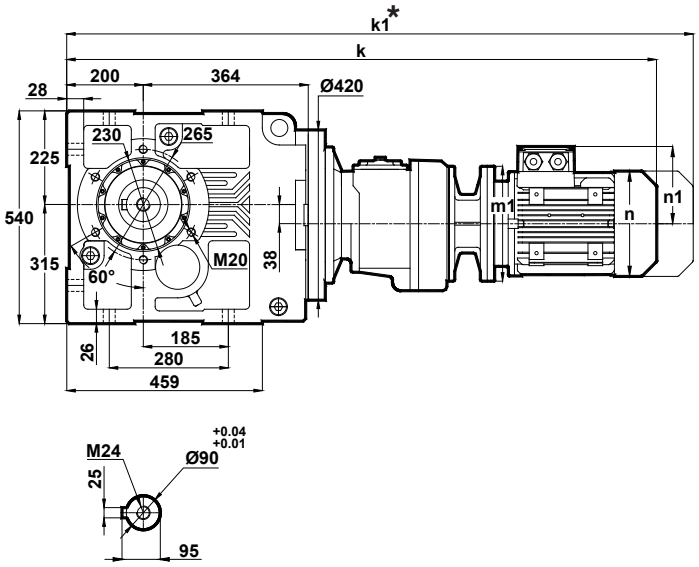
* Dimension " k1" is for motors with brake.

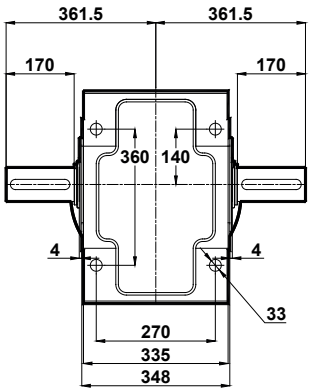


KV - DIMENSION PAGES

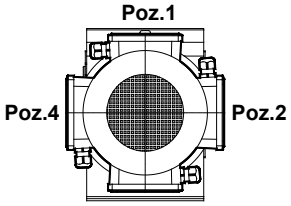
Tapped center hole to DIN 332, sheet 2

KV775.04
KV776.04





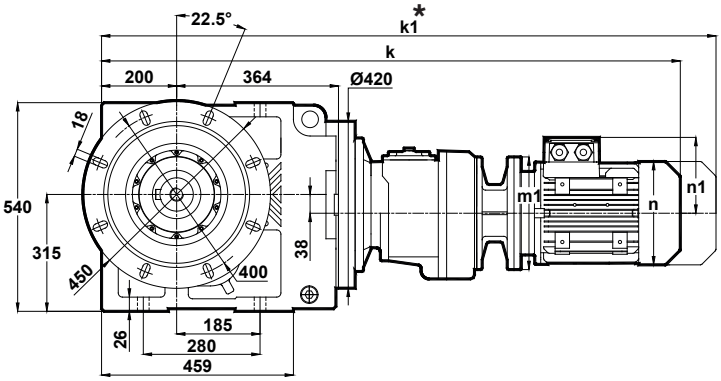
Terminal Box Positions

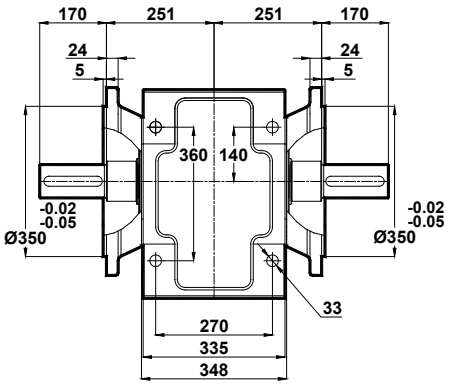


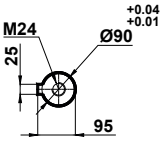
71-80-90-100
Type

	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	1084.5	1107.5	1148.5	1148.5	1201
k1	1175.5	1200.5	1252	1252	1309.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	160

KV775.05
KV776.05



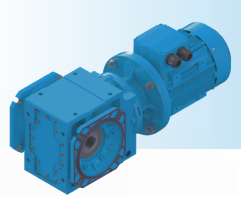




Please see on page 576 for optional flange dimensions

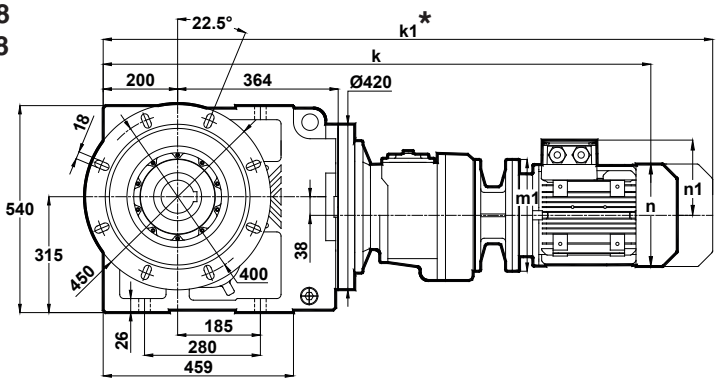
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	1084.5	1107.5	1148.5	1148.5	1201
k1	1175.5	1200.5	1252	1252	1309.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	160

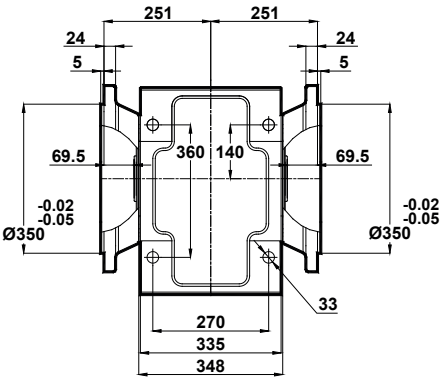
* Dimension " k1" is for motors with brake.

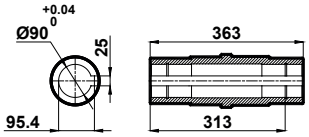


Tapped center hole to DIN 332, sheet 2

KV775.08
KV776.08

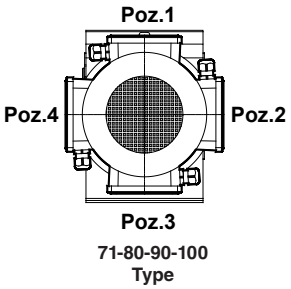






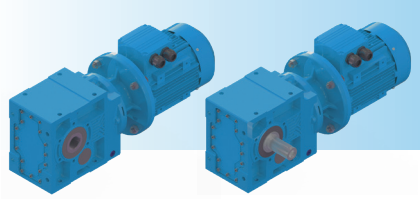
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14
k	1084.5	1107.5	1148.5	1148.5	1201
k1	1175.5	1200.5	1252	1252	1309.5
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149
m1 (B5)	160	200	200	200	250
m1 (B14)	-	120	140	140	160

Terminal Box Positions



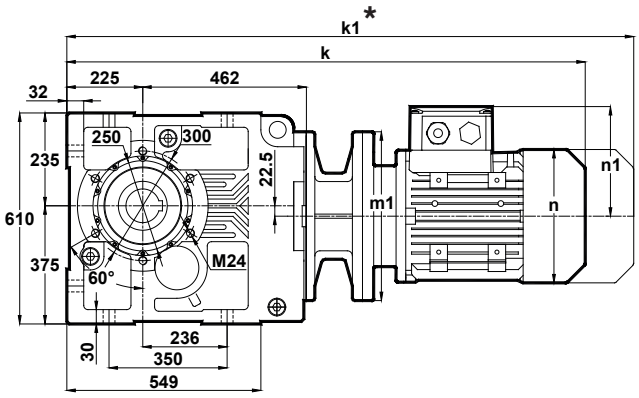
Please see on page 576 for optional flange dimensions

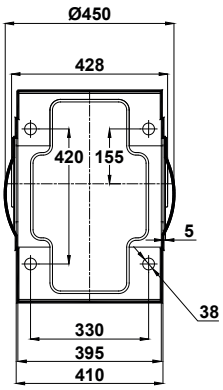
* Dimension " k1" is for motors with brake.

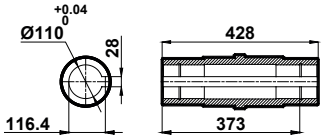


Tapped center hole to DIN 332, sheet 2

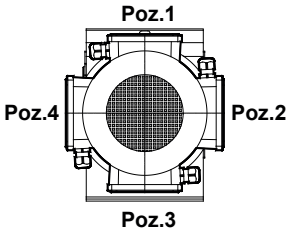
KV873.00







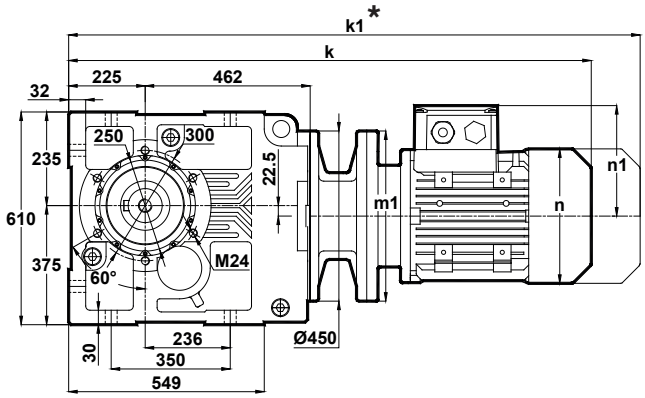
Terminal Box Positions

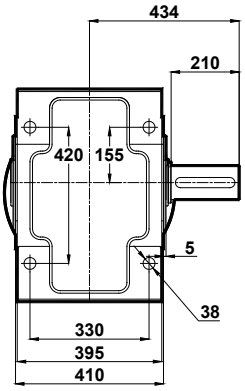


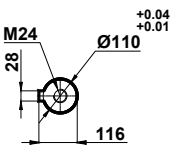
160-180-200-225-250-280
Type

	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5
k	1400	1400	1488	1488	1542	1560	1585	1661	1723	1723
k1	1548	1548	1646.5	1646.5	1728.5	1725	1750	1831.5	1896	1902
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 /287	438 / 315,5	438 / 315,5	481 / 335	544 / 350	544 / 350
m1 (B5)	350	350	350	350	400	450	450	550	550	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

KV873.01

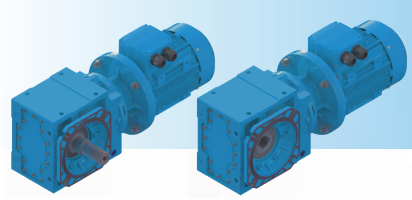






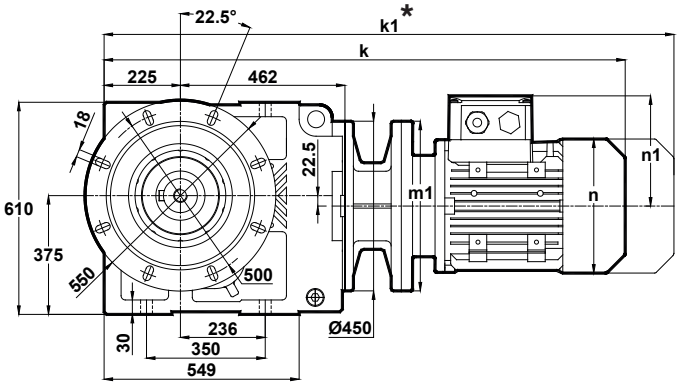
	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5
k	1400	1400	1488	1488	1542	1560	1585	1661	1723	1723
k1	1548	1548	1646.5	1646.5	1728.5	1725	1750	1831.5	1896	1902
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 /287	438 / 315,5	438 / 315,5	481 / 335	544 / 350	544 / 350
m1 (B5)	350	350	350	350	400	450	450	550	550	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

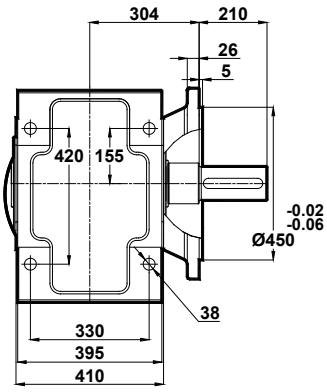
* Dimension " k1" is for motors with brake.

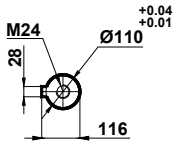


Tapped center hole to DIN 332, sheet 2

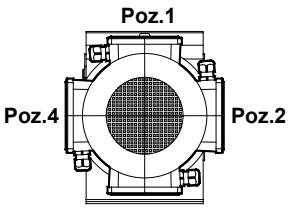
KV873.02







Terminal Box Positions

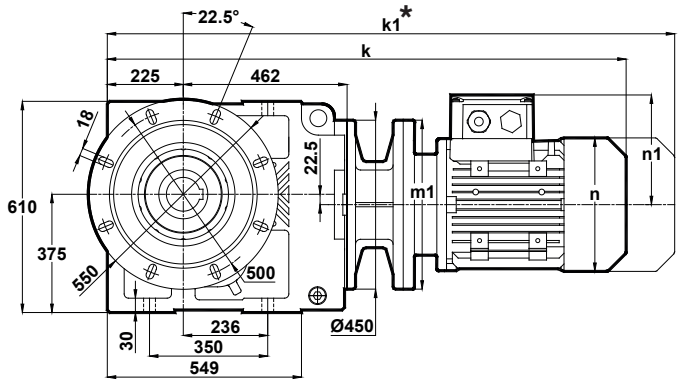


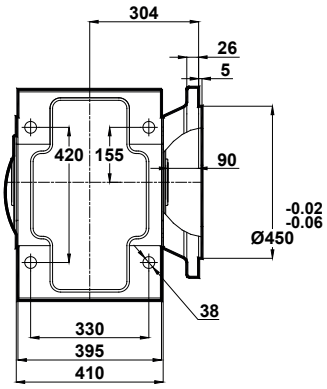
160-180-200-225-250-280
Type

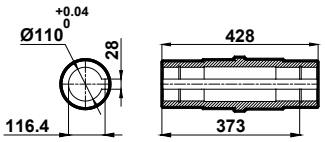
	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5
k	1400	1400	1488	1488	1542	1560	1585	1661	1723	1723
k1	1548	1548	1646.5	1646.5	1728.5	1725	1750	1831.5	1896	1902
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 /287	438 / 315,5	438 / 315,5	481 / 335	544 / 350	544 / 350
m1 (B5)	350	350	350	350	400	450	450	550	550	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

Please see on page 576 for optional flange dimensions

KV873.03



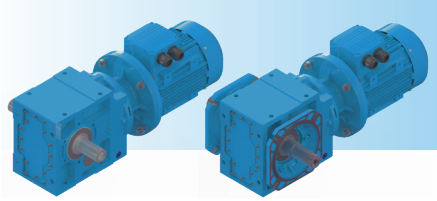




Please see on page 576 for optional flange dimensions

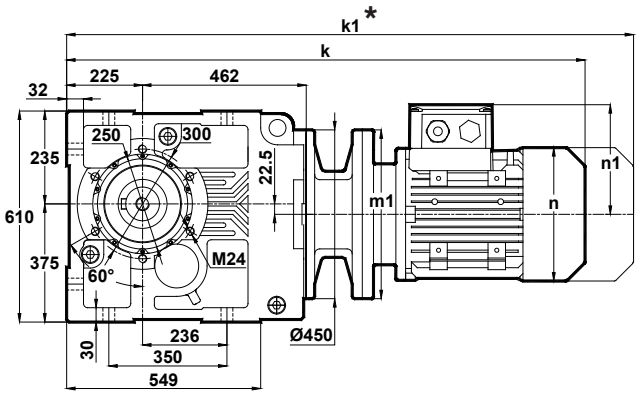
	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5
k	1400	1400	1488	1488	1542	1560	1585	1661	1723	1723
k1	1548	1548	1646.5	1646.5	1728.5	1725	1750	1831.5	1896	1902
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 /287	438 / 315,5	438 / 315,5	481 / 335	544 / 350	544 / 350
m1 (B5)	350	350	350	350	400	450	450	550	550	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

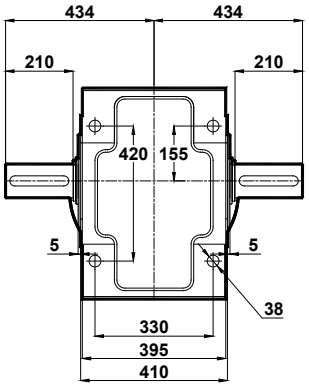
* Dimension " k1" is for motors with brake.

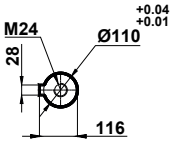


Tapped center hole to DIN 332, sheet 2

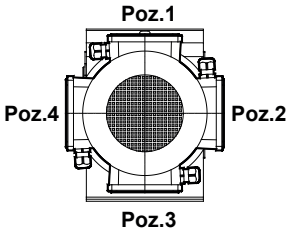
KV873.04







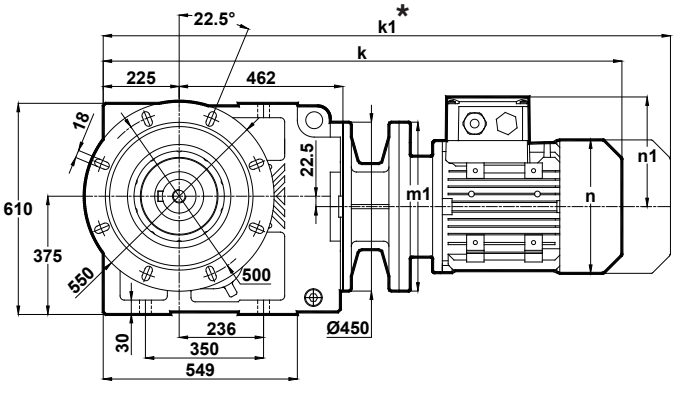
Terminal Box Positions

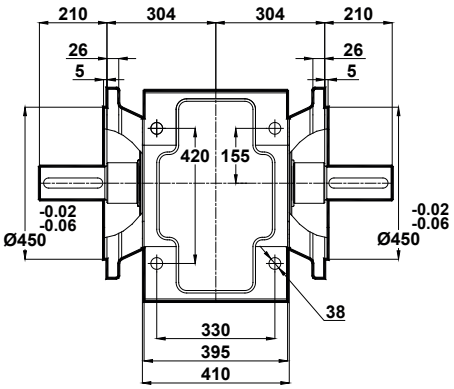


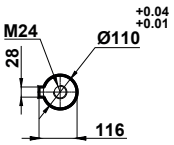
160-180-200-225-250-280
Type

	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5
k	1400	1400	1488	1488	1542	1560	1585	1661	1723	1723
k1	1548	1548	1646.5	1646.5	1728.5	1725	1750	1831.5	1896	1902
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 /287	438 / 315,5	438 / 315,5	481 / 335	544 / 350	544 / 350
m1 (B5)	350	350	350	350	400	450	450	550	550	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

KV873.05



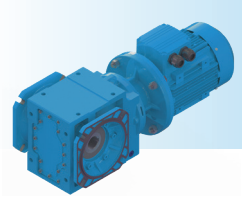




Please see on page 576 for optional flange dimensions

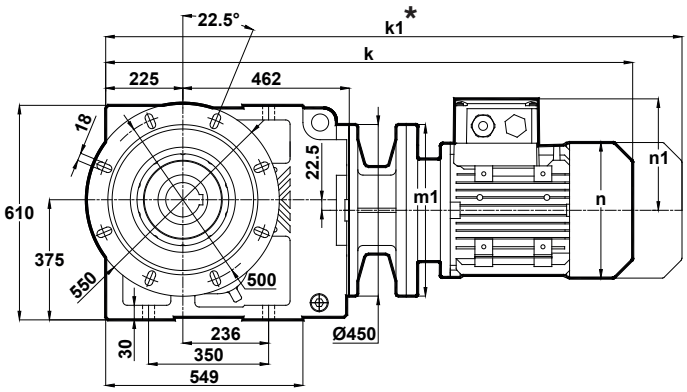
	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5
k	1400	1400	1488	1488	1542	1560	1585	1661	1723	1723
k1	1548	1548	1646.5	1646.5	1728.5	1725	1750	1831.5	1896	1902
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 /287	438 / 315,5	438 / 315,5	481 / 335	544 / 350	544 / 350
m1 (B5)	350	350	350	350	400	450	450	550	550	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

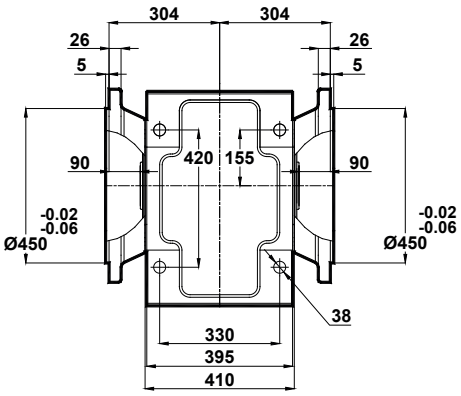
* Dimension " k1" is for motors with brake.

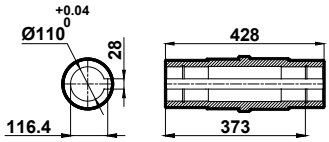


Tapped center hole to DIN 332, sheet 2

KV873.08

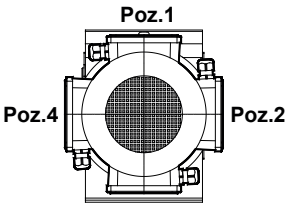






	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5
k	1400	1400	1488	1488	1542	1560	1585	1661	1723	1723
k1	1548	1548	1646.5	1646.5	1728.5	1725	1750	1831.5	1896	1902
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 /287	438 / 315,5	438 / 315,5	481 / 335	544 / 350	544 / 350
m1 (B5)	350	350	350	350	400	450	450	550	550	550
m1 (B14)	-	-	-	-	-	-	-	-	-	-

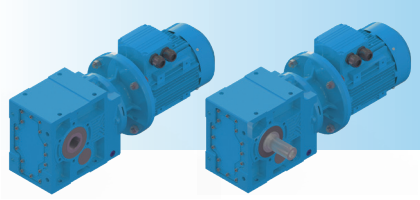
Terminal Box Positions



160-180-200-225-250-280
Type

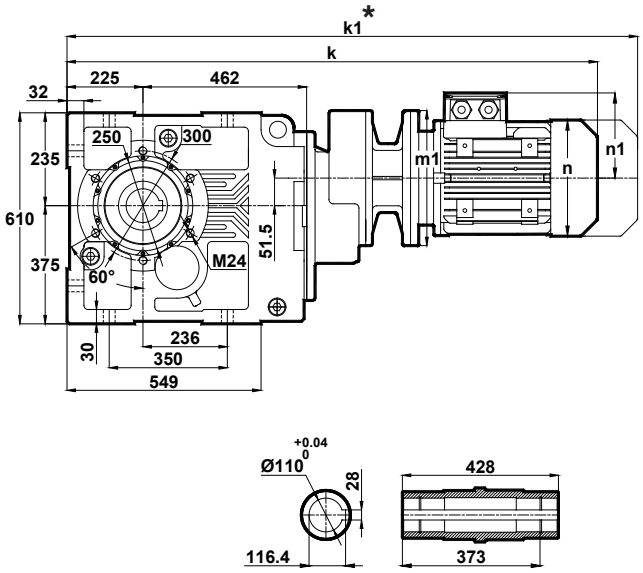
Please see on page 576 for optional flange dimensions

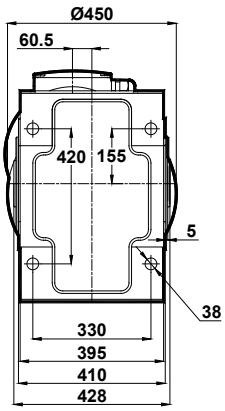
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

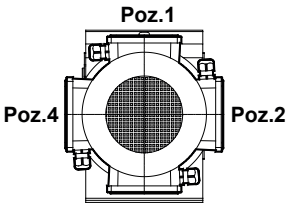
KV874.00





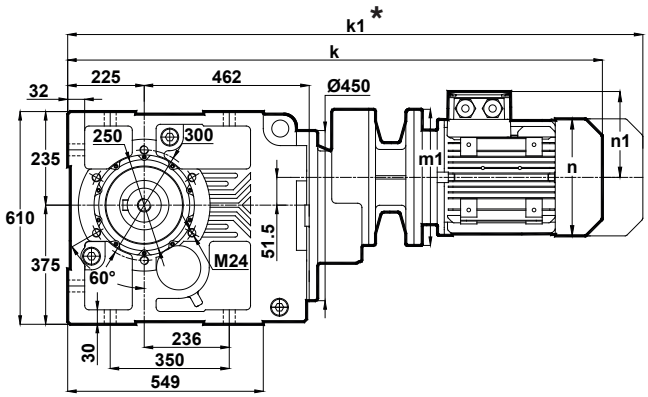
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5
k	1188	1208.5	1313.5	1313.5	1469	1469	1557
k1	1296.5	1313	1443.5	1443.5	1617	1617	1715.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250
m1 (B5)	250	250	300	300	350	350	350
m1 (B14)	-	-	200	200	-	-	-

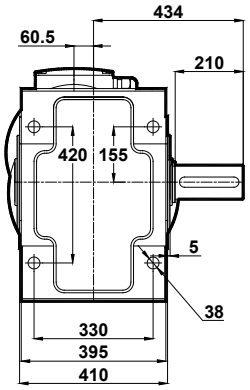
Terminal Box Positions

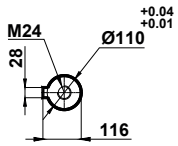


100-112-132-160-180
Type

KV874.01

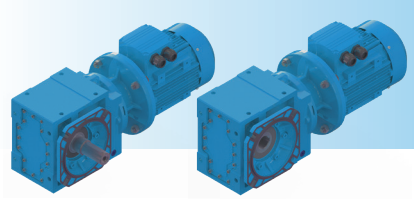






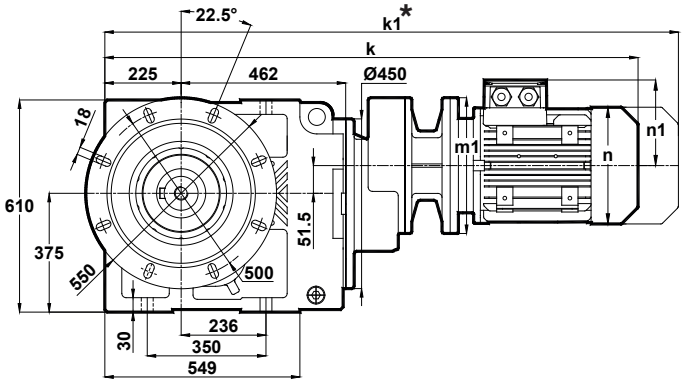
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5
k	1188	1208.5	1313.5	1313.5	1469	1469	1557
k1	1296.5	1313	1443.5	1443.5	1617	1617	1715.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250
m1 (B5)	250	250	300	300	350	350	350
m1 (B14)	-	-	200	200	-	-	-

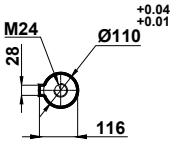
* Dimension " k1" is for motors with brake.

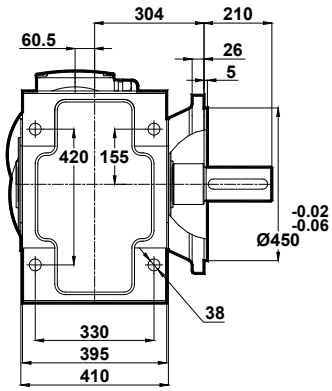


Tapped center hole to DIN 332, sheet 2

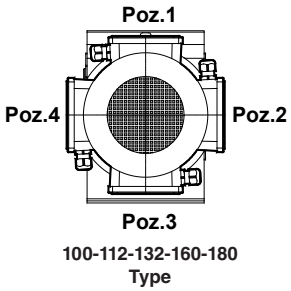
KV874.02







Terminal Box Positions

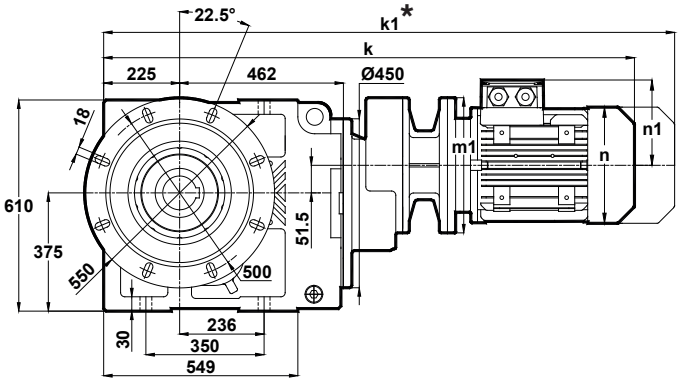


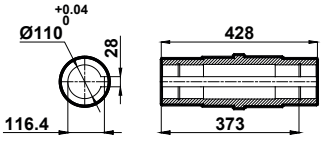
100-112-132-160-180 Type

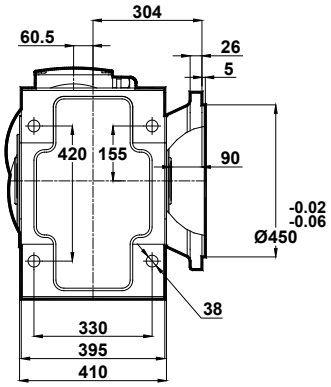
Please see on page 576 for optional flange dimensions

	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5
k	1188	1208.5	1313.5	1313.5	1469	1469	1557
k1	1296.5	1313	1443.5	1443.5	1617	1617	1715.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250
m1 (B5)	250	250	300	300	350	350	350
m1 (B14)	-	-	200	200	-	-	-

KV874.03



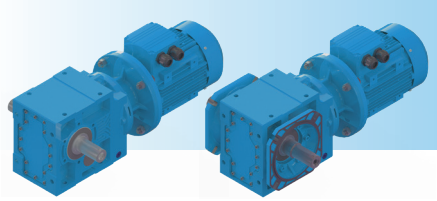




Please see on page 576 for optional flange dimensions

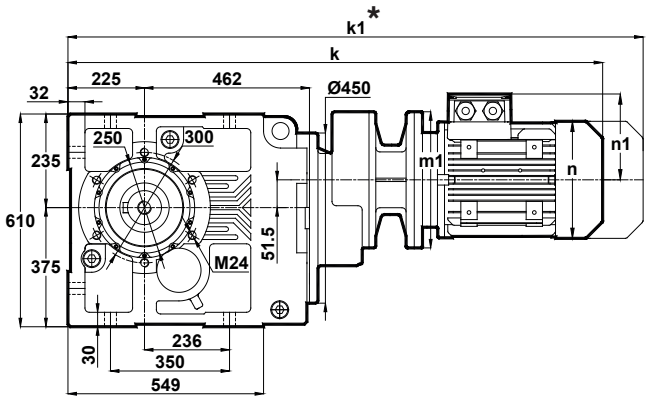
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5
k	1188	1208.5	1313.5	1313.5	1469	1469	1557
k1	1296.5	1313	1443.5	1443.5	1617	1617	1715.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250
m1 (B5)	250	250	300	300	350	350	350
m1 (B14)	-	-	200	200	-	-	-

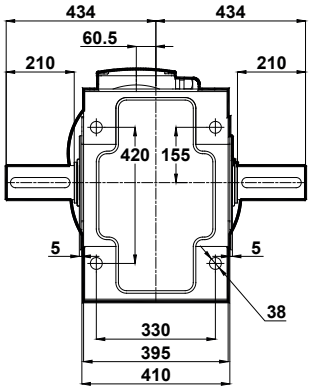
* Dimension " k1" is for motors with brake.

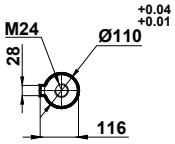


Tapped center hole to DIN 332, sheet 2

KV874.04

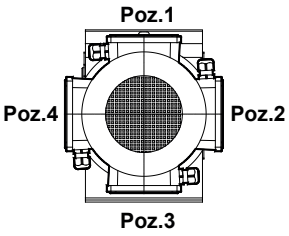






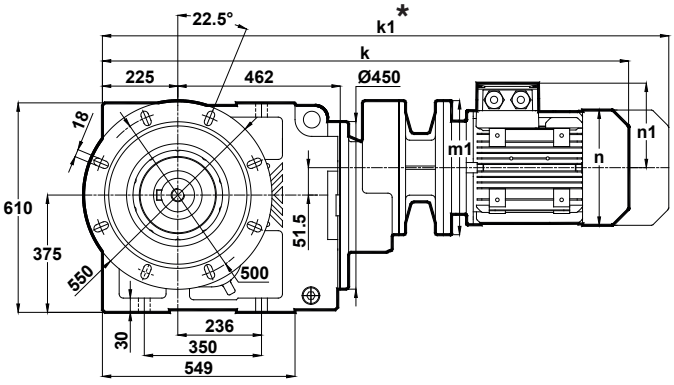
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5
k	1188	1208.5	1313.5	1313.5	1469	1469	1557
k1	1296.5	1313	1443.5	1443.5	1617	1617	1715.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250
m1 (B5)	250	250	300	300	350	350	350
m1 (B14)	-	-	200	200	-	-	-

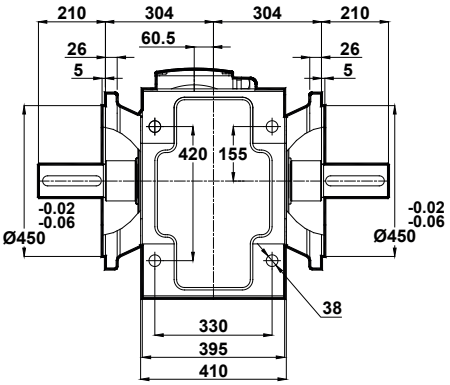
Terminal Box Positions

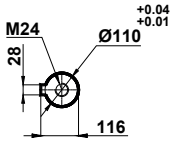


100-112-132-160-180
Type

KV874.05



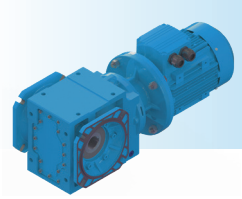




Please see on page 576 for optional flange dimensions

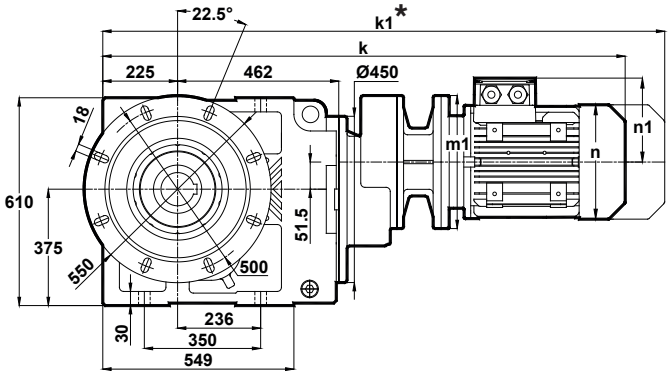
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5
k	1188	1208.5	1313.5	1313.5	1469	1469	1557
k1	1296.5	1313	1443.5	1443.5	1617	1617	1715.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250
m1 (B5)	250	250	300	300	350	350	350
m1 (B14)	-	-	200	200	-	-	-

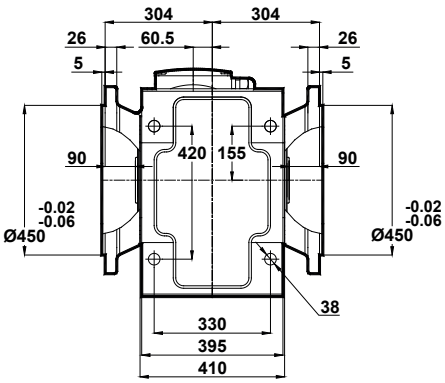
* Dimension " k1" is for motors with brake.

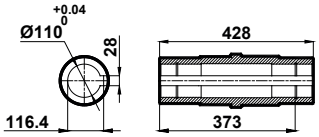


Tapped center hole to DIN 332, sheet 2

KV874.08

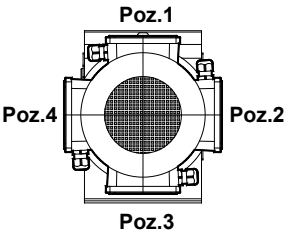






	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5
k	1188	1208.5	1313.5	1313.5	1469	1469	1557
k1	1296.5	1313	1443.5	1443.5	1617	1617	1715.5
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250
m1 (B5)	250	250	300	300	350	350	350
m1 (B14)	-	-	200	200	-	-	-

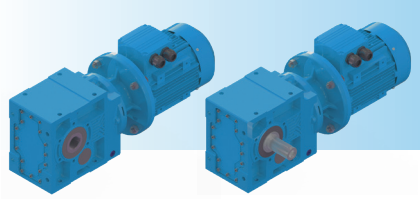
Terminal Box Positions



100-112-132-160-180
Type

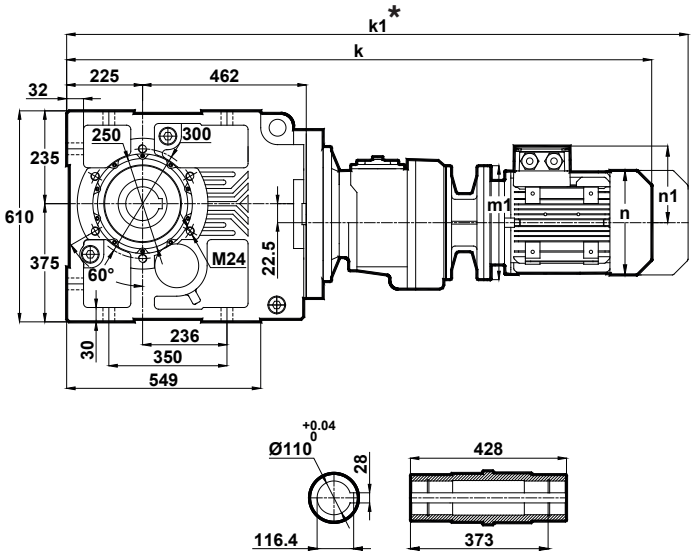
Please see on page 576 for optional flange dimensions

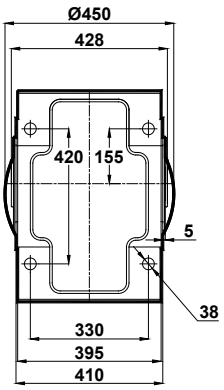
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

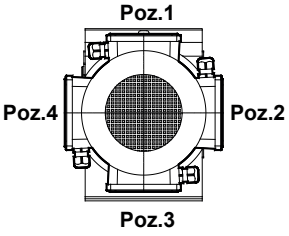
KV875.00
KV876.00





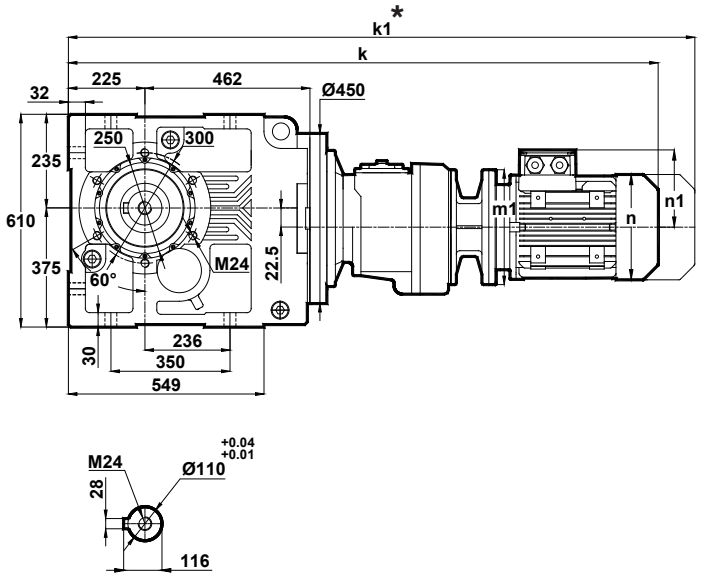
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	1207.5	1230.5	1271.5	1271.5	1324	1344.5
k1	1298.5	1323.5	1375	1375	1432.5	1449
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	160	200	200	200	250	250
m1 (B14)	-	120	140	140	160	160

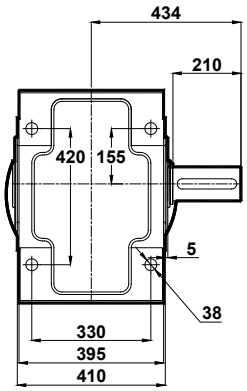
Terminal Box Positions



71-80-90-100-112
Type

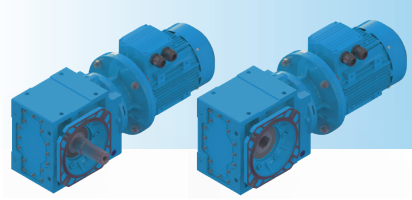
KV875.01
KV876.01





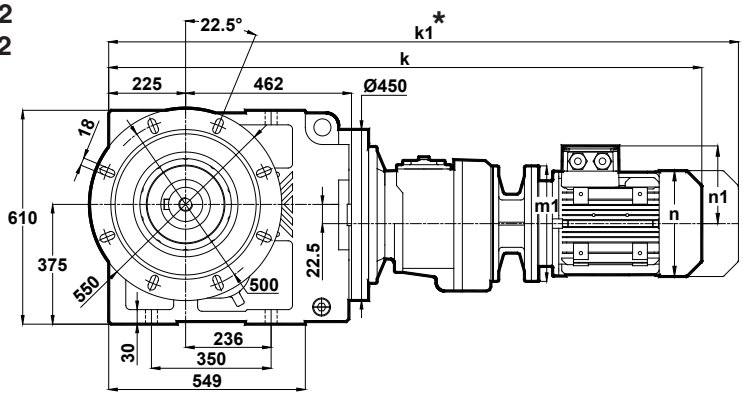
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	1207.5	1230.5	1271.5	1271.5	1324	1344.5
k1	1298.5	1323.5	1375	1375	1432.5	1449
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	160	200	200	200	250	250
m1 (B14)	-	120	140	140	160	160

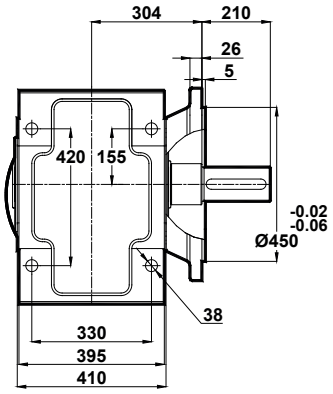
* Dimension " k1" is for motors with brake.

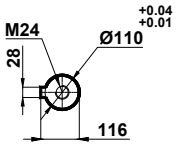


Tapped center hole to DIN 332, sheet 2

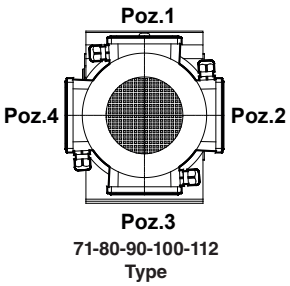
KV875.02
KV876.02







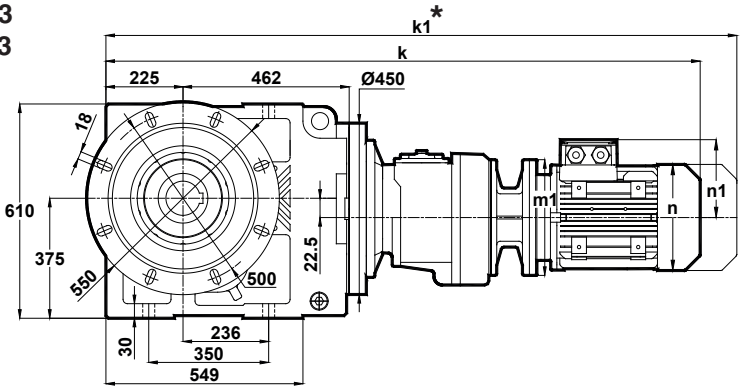
Terminal Box Positions

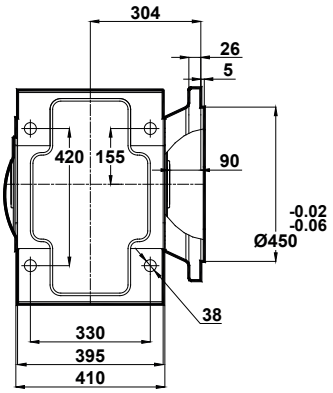


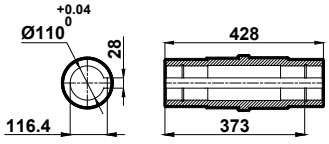
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	1207.5	1230.5	1271.5	1271.5	1324	1344.5
k1	1298.5	1323.5	1375	1375	1432.5	1449
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	160	200	200	200	250	250
m1 (B14)	-	120	140	140	160	160

Please see on page 576 for optional flange dimensions

KV875.03
KV876.03



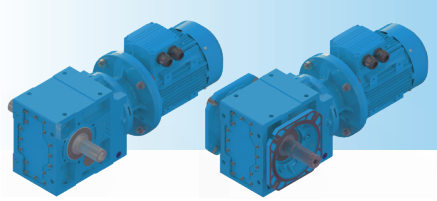




Please see on page 576 for optional flange dimensions

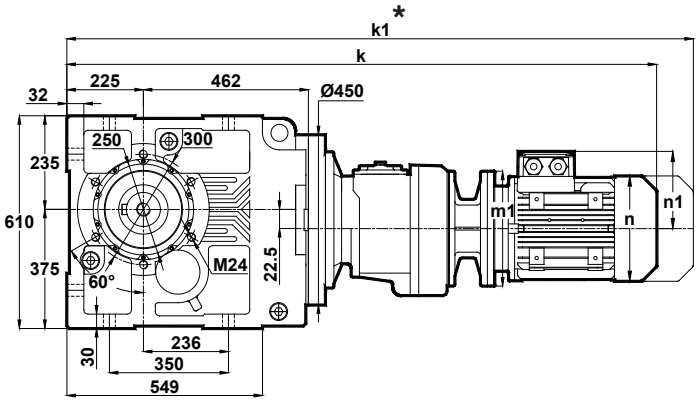
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	1207.5	1230.5	1271.5	1271.5	1324	1344.5
k1	1298.5	1323.5	1375	1375	1432.5	1449
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	160	200	200	200	250	250
m1 (B14)	-	120	140	140	160	160

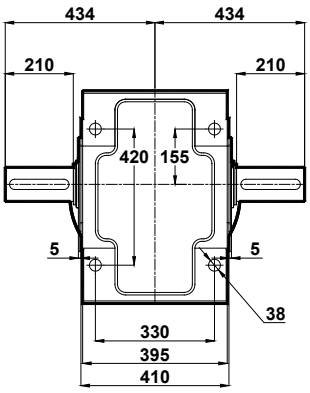
* Dimension " k1" is for motors with brake.

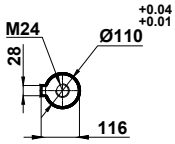


Tapped center hole to DIN 332, sheet 2

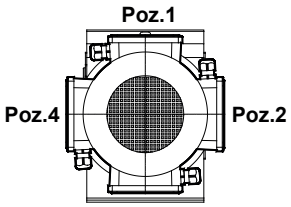
KV875.04
KV876.04







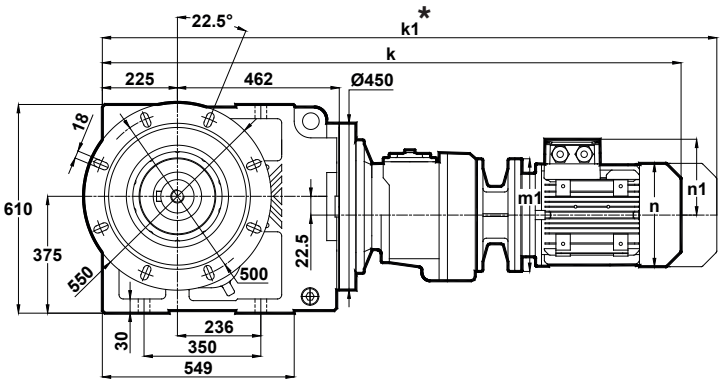
Terminal Box Positions

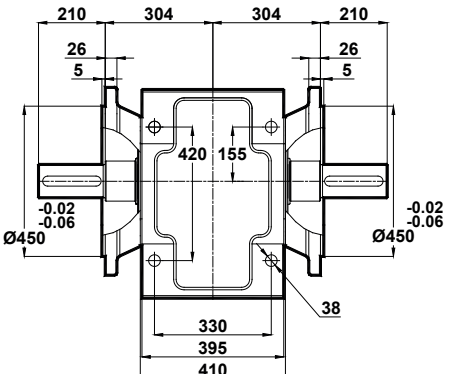


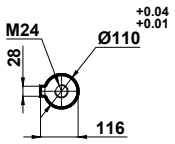
71-80-90-100-112
Type

	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	1207.5	1230.5	1271.5	1271.5	1324	1344.5
k1	1298.5	1323.5	1375	1375	1432.5	1449
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	160	200	200	200	250	250
m1 (B14)	-	120	140	140	160	160

KV875.05
KV876.05



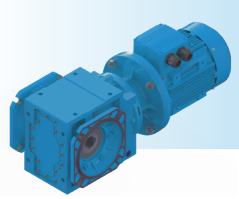




Please see on page 576 for optional flange dimensions

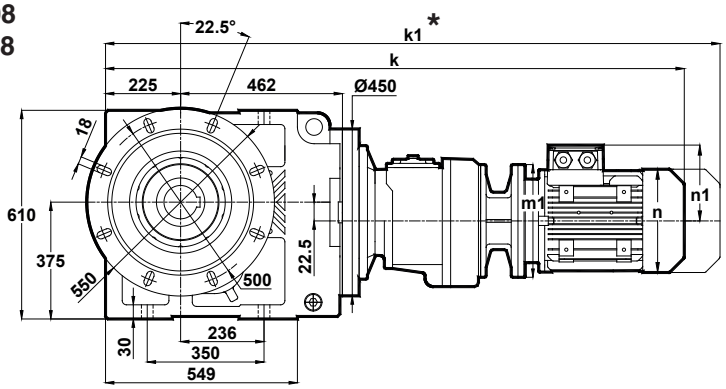
	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	1207.5	1230.5	1271.5	1271.5	1324	1344.5
k1	1298.5	1323.5	1375	1375	1432.5	1449
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	160	200	200	200	250	250
m1 (B14)	-	120	140	140	160	160

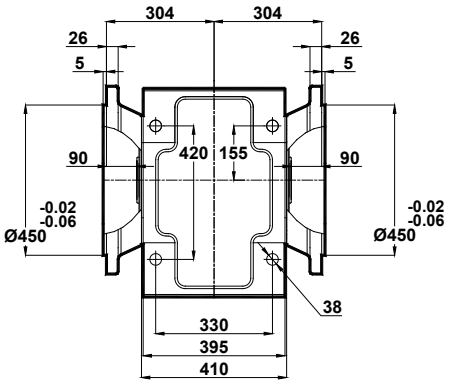
* Dimension " k1" is for motors with brake.

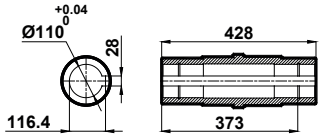


Tapped center hole to DIN 332, sheet 2

KV875.08
KV876.08

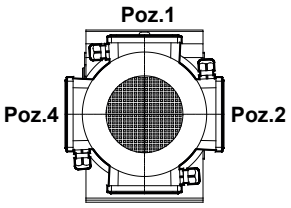






	71/B5	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14
k	1207.5	1230.5	1271.5	1271.5	1324	1344.5
k1	1298.5	1323.5	1375	1375	1432.5	1449
n / n1	137 / 112	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161
m1 (B5)	160	200	200	200	250	250
m1 (B14)	-	120	140	140	160	160

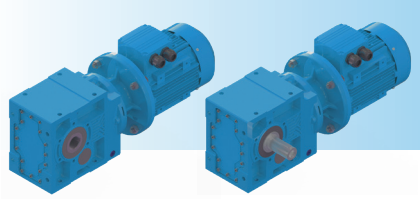
Terminal Box Positions



71-80-90-100-112
Type

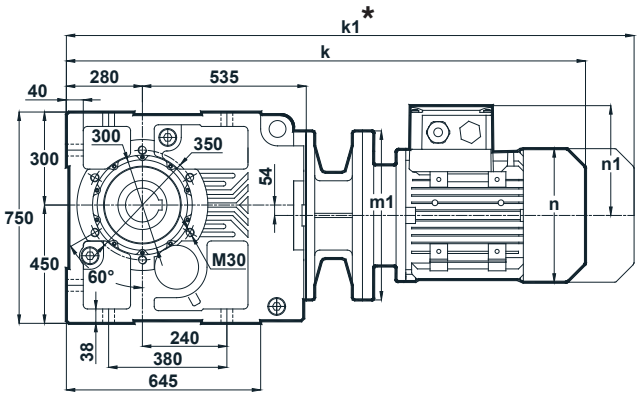
Please see on page 576 for optional flange dimensions

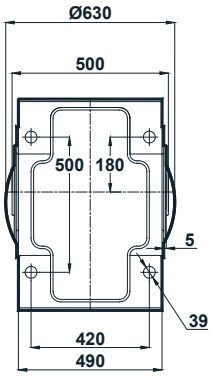
* Dimension " k1" is for motors with brake.

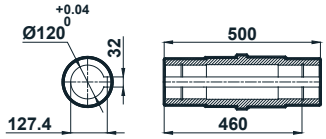


Tapped center hole to DIN 332, sheet 2

KV973.00

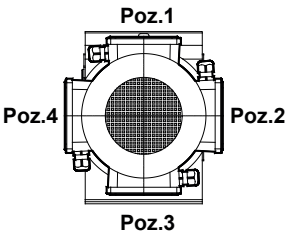






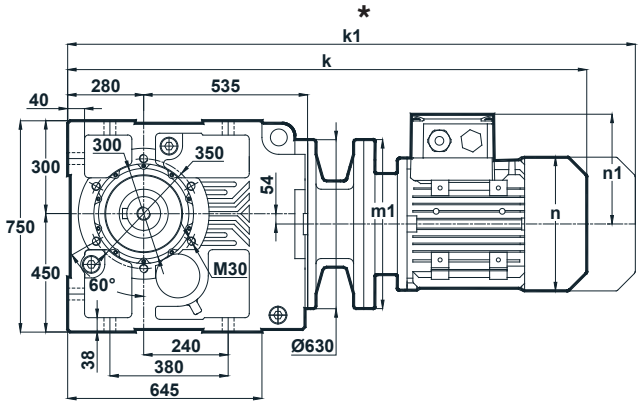
	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5	315S/B5	315M/B5
k	1442	1442	1534	1534	1601	1698	1698	1791	1853	1853	2095	2095
k1	1590	1590	1692.5	1692.5	1783	1880.5	1880.5	1948.5	2051	2051	-	-
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335	547 / 402	547 / 402	614 / 510	614 / 510
m1 (B5)	350	350	350	350	400	450	450	550	550	550	660	660
m1 (B14)	-	-	-	-	-	-	-	-	-	-	-	-

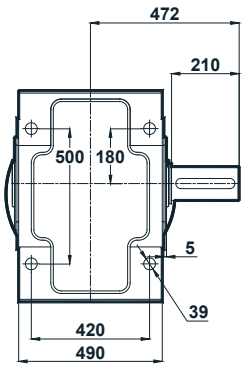
Terminal Box Positions

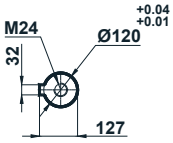


160-180-200-225-250-280-315
Type

KV973.01

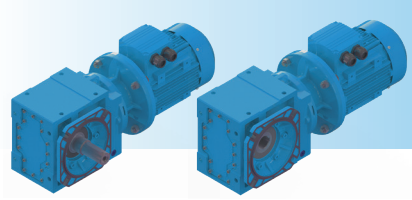






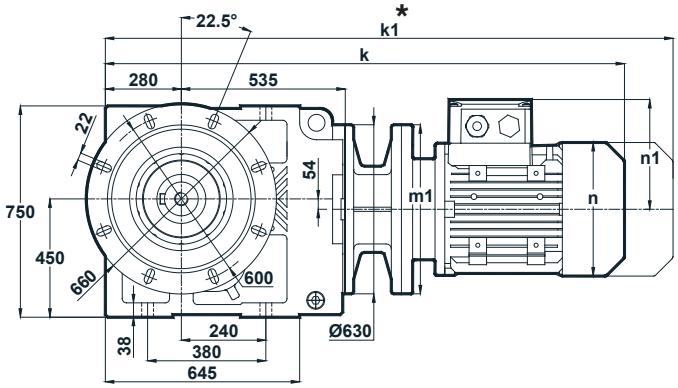
	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5	315S/B5	315M/B5
k	1442	1442	1534	1534	1601	1698	1698	1791	1853	1853	2095	2095
k1	1590	1590	1692.5	1692.5	1783	1880.5	1880.5	1948.5	2051	2051	-	-
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335	547 / 402	547 / 402	614 / 510	614 / 510
m1 (B5)	350	350	350	350	400	450	450	550	550	550	660	660
m1 (B14)	-	-	-	-	-	-	-	-	-	-	-	-

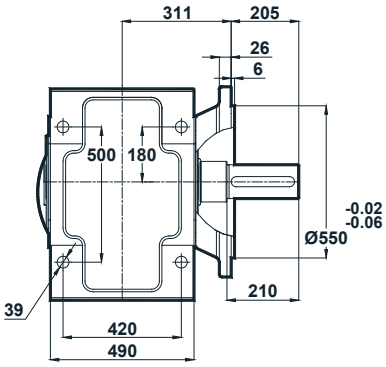
* Dimension " k1" is for motors with brake.

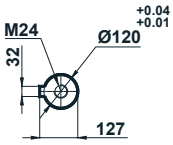


Tapped center hole to DIN 332, sheet 2

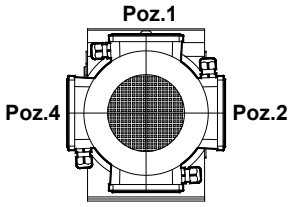
KV973.02







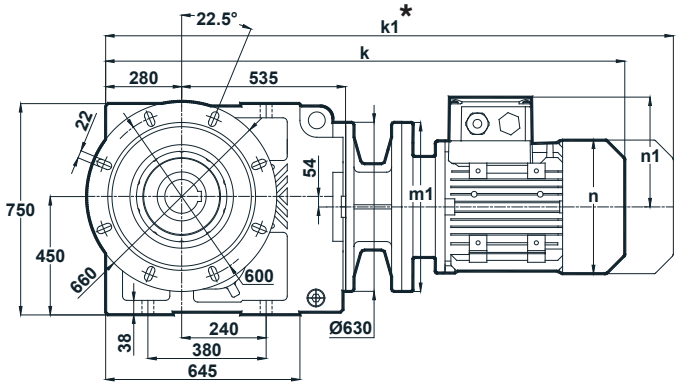
Terminal Box Positions

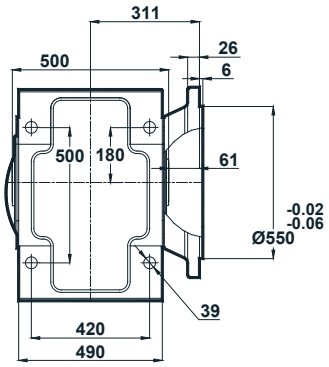


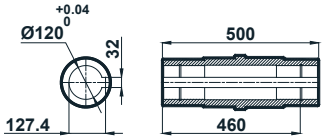
160-180-200-225-250-280-315
Type

	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5	315S/B5	315M/B5
k	1442	1442	1534	1534	1601	1698	1698	1791	1853	1853	2095	2095
k1	1590	1590	1692.5	1692.5	1783	1880.5	1880.5	1948.5	2051	2051	-	-
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335	547 / 402	547 / 402	614 / 510	614 / 510
m1 (B5)	350	350	350	350	400	450	450	550	550	550	660	660
m1 (B14)	-	-	-	-	-	-	-	-	-	-	-	-

KV973.03

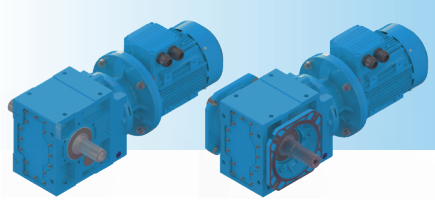






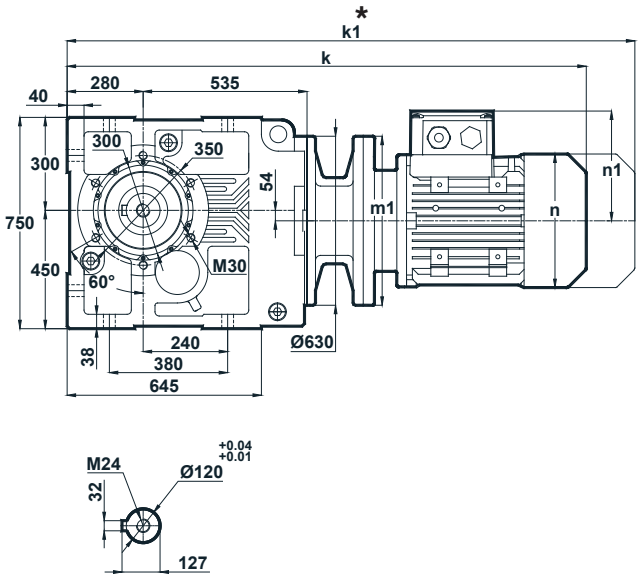
	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5	315S/B5	315M/B5
k	1442	1442	1534	1534	1601	1698	1698	1791	1853	1853	2095	2095
k1	1590	1590	1692.5	1692.5	1783	1880.5	1880.5	1948.5	2051	2051	-	-
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335	547 / 402	547 / 402	614 / 510	614 / 510
m1 (B5)	350	350	350	350	400	450	450	550	550	550	660	660
m1 (B14)	-	-	-	-	-	-	-	-	-	-	-	-

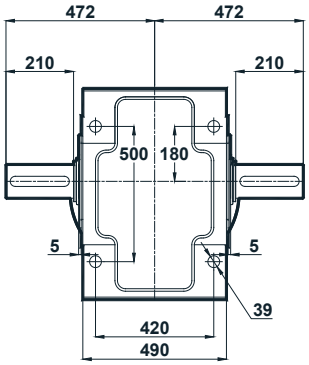
* Dimension " k1" is for motors with brake.



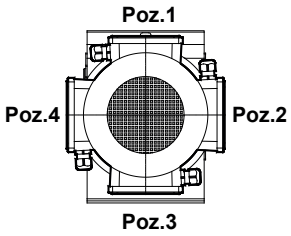
Tapped center hole to DIN 332, sheet 2

KV973.04





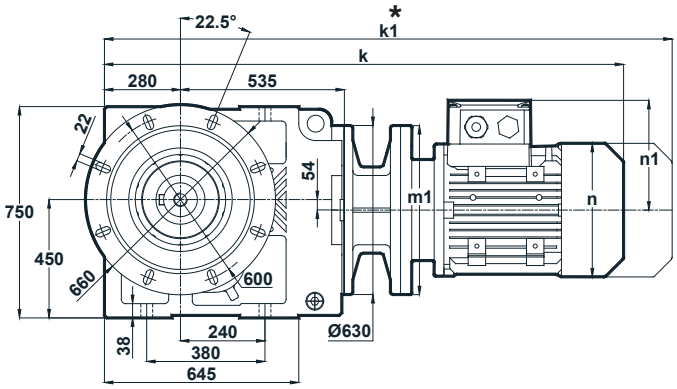
Terminal Box Positions

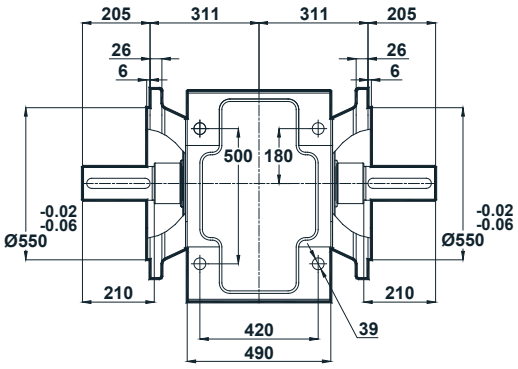


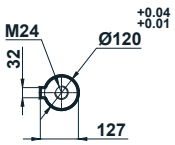
160-180-200-225-250-280-315
Type

	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5	315S/B5	315M/B5
k	1442	1442	1534	1534	1601	1698	1698	1791	1853	1853	2095	2095
k1	1590	1590	1692.5	1692.5	1783	1880.5	1880.5	1948.5	2051	2051	-	-
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335	547 / 402	547 / 402	614 / 510	614 / 510
m1 (B5)	350	350	350	350	400	450	450	550	550	550	660	660
m1 (B14)	-	-	-	-	-	-	-	-	-	-	-	-

KV973.05

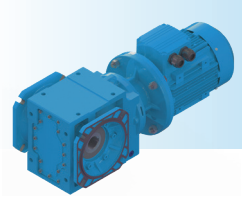






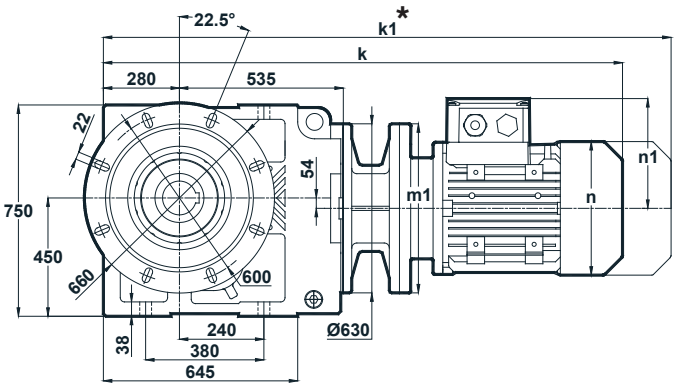
	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5	315S/B5	315M/B5
k	1442	1442	1534	1534	1601	1698	1698	1791	1853	1853	2095	2095
k1	1590	1590	1692.5	1692.5	1783	1880.5	1880.5	1948.5	2051	2051	-	-
n / n1	316 / 224	316 / 224	354 / 240	354 / 240	399 / 285	438 / 314	438 / 314	481 / 335	544 / 350	544 / 350	614 / 510	614 / 510
m1 (B5)	350	350	350	350	400	450	450	550	550	550	660	660
m1 (B14)	-	-	-	-	-	-	-	-	-	-	-	-

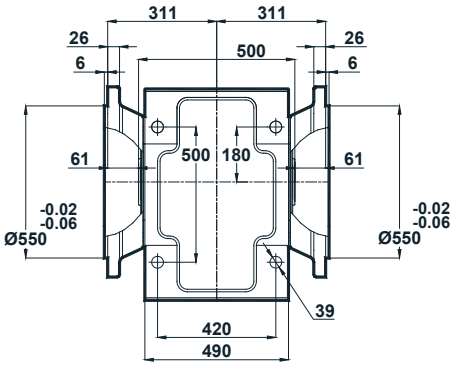
* Dimension " k1" is for motors with brake.

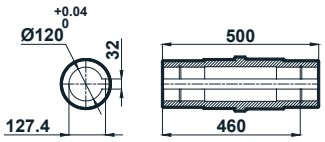


Tapped center hole to DIN 332, sheet 2

KV973.08

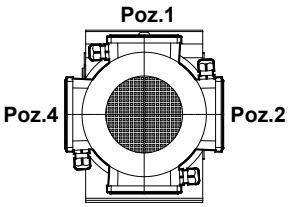






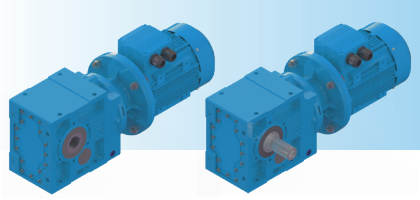
	160M/B5	160L/B5	180M/B5	180L/B5	200L/B5	225S/B5	225M/B5	250M/B5	280S/B5	280M/B5	315S/B5	315M/B5
k	1442	1442	1534	1534	1601	1698	1698	1791	1853	1853	2095	2095
k1	1590	1590	1692.5	1692.5	1783	1880.5	1880.5	1948.5	2051	2051	-	-
n / n1	316 / 224	316 / 224	348 / 250	348 / 250	396 / 287	438 / 316	438 / 316	481 / 335	547 / 402	547 / 402	614 / 510	614 / 510
m1 (B5)	350	350	350	350	400	450	450	550	550	550	660	660
m1 (B14)	-	-	-	-	-	-	-	-	-	-	-	-

Terminal Box Positions



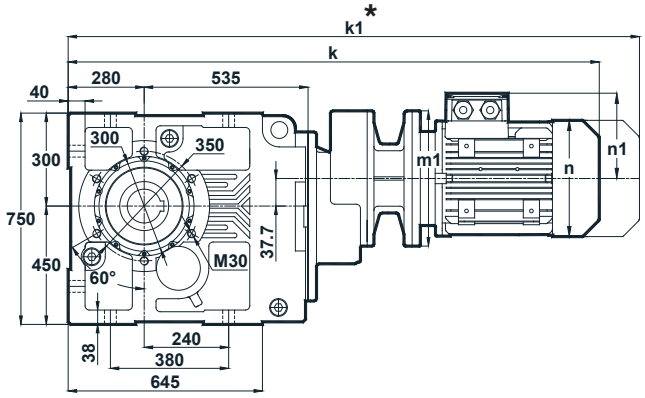
160-180-200-225-250-280-315
Type

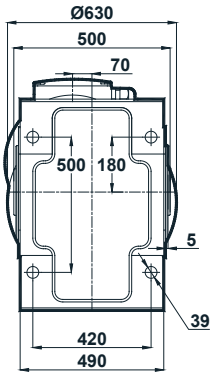
* Dimension " k1" is for motors with brake.

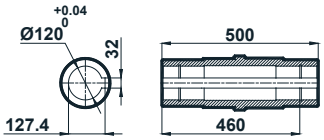


Tapped center hole to DIN 332, sheet 2

KV974.00

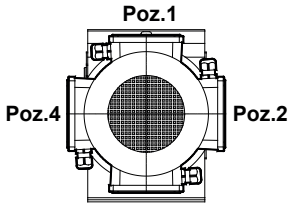






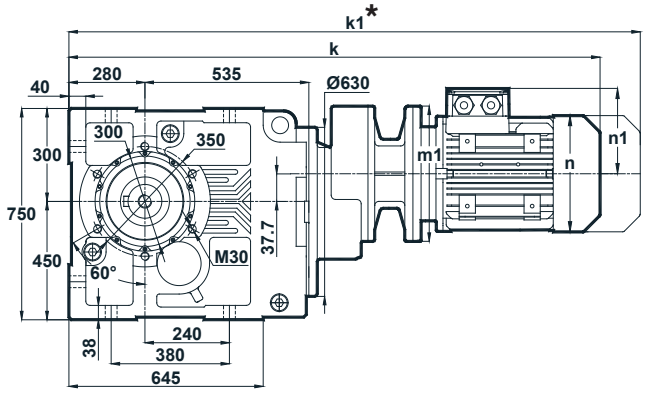
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	1346	1365.5	1465.5	1465.5	1620.5	1620.5	1712.5	1712.5
k1	1454.5	1470	1595.5	1595.5	1768.5	1768.5	1871	1871
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-

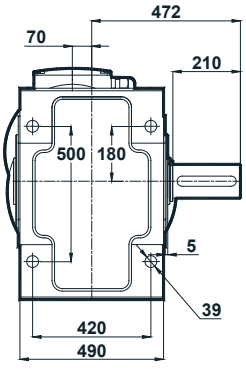
Terminal Box Positions

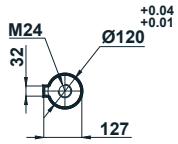


100-112-132-160-180
Type

KV974.01

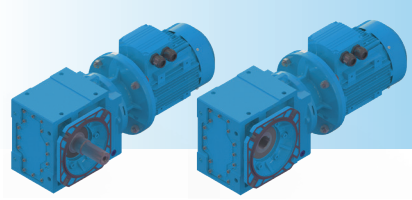






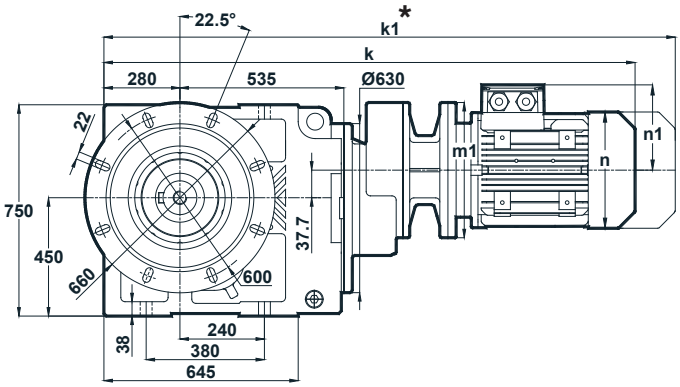
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	1346	1365.5	1465.5	1465.5	1620.5	1620.5	1712.5	1712.5
k1	1454.5	1470	1595.5	1595.5	1768.5	1768.5	1871	1871
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-

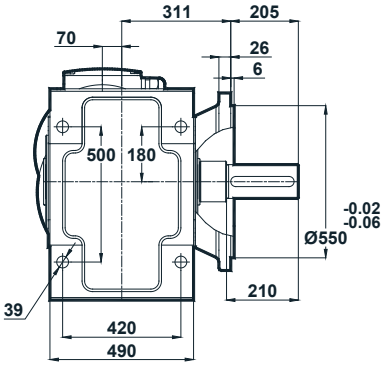
* Dimension " k1" is for motors with brake.

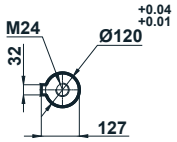


Tapped center hole to DIN 332, sheet 2

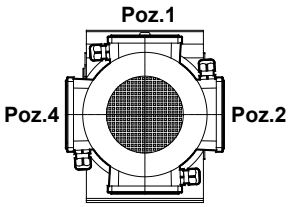
KV974.02







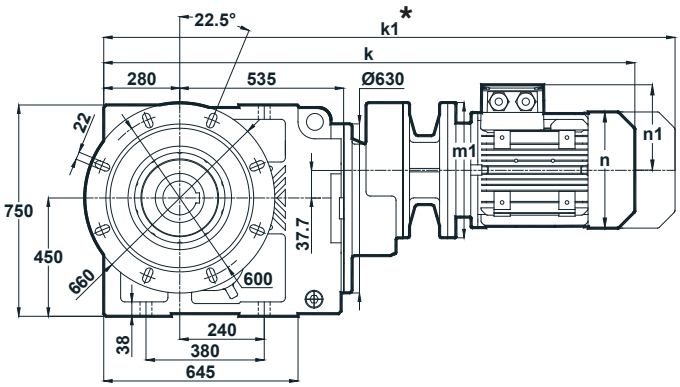
Terminal Box Positions

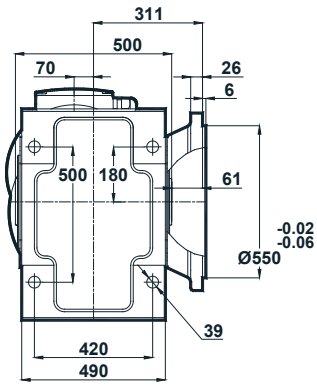


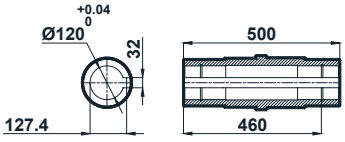
100-112-132-160-180
Type

	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	1346	1365.5	1465.5	1465.5	1620.5	1620.5	1712.5	1712.5
k1	1454.5	1470	1595.5	1595.5	1768.5	1768.5	1871	1871
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-

KV974.03

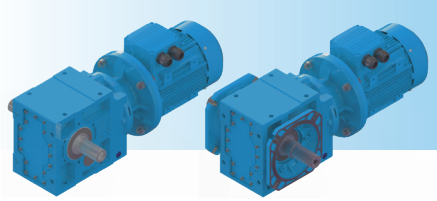






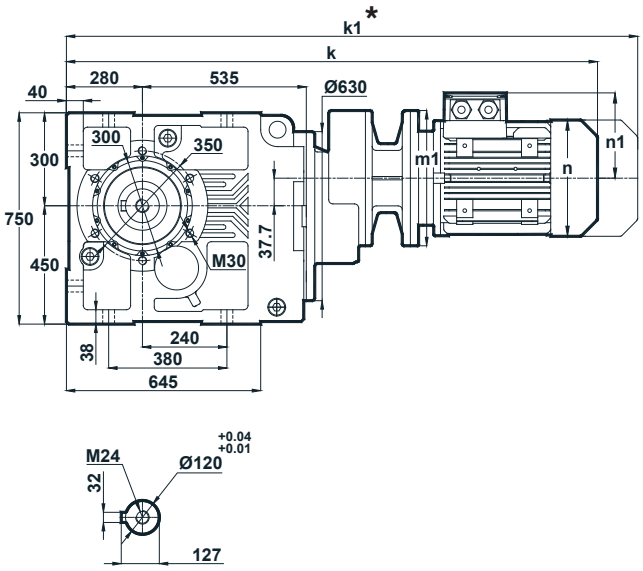
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	1346	1365.5	1465.5	1465.5	1620.5	1620.5	1712.5	1712.5
k1	1454.5	1470	1595.5	1595.5	1768.5	1768.5	1871	1871
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-

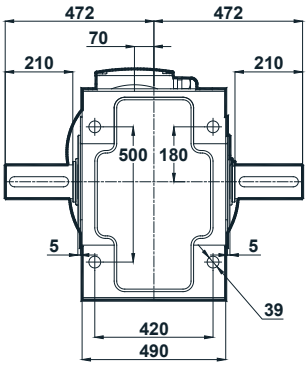
* Dimension " k1" is for motors with brake.



Tapped center hole to DIN 332, sheet 2

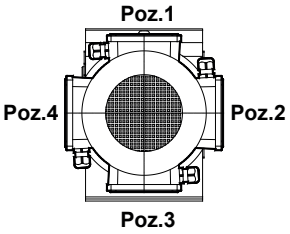
KV974.04





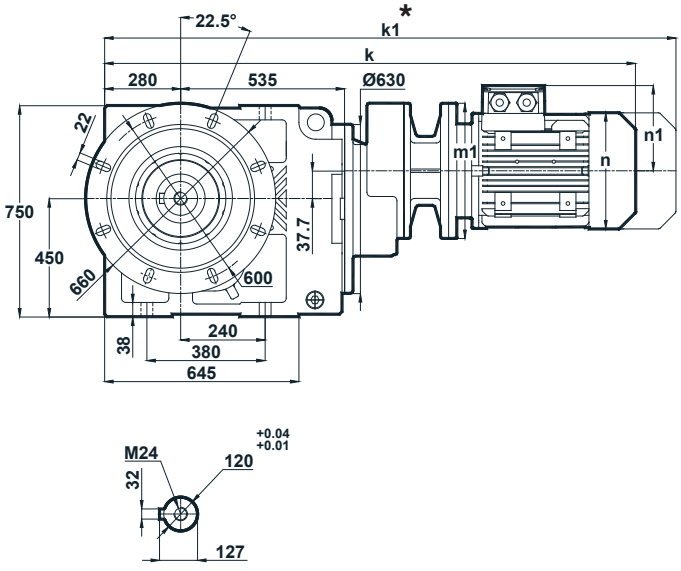
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	1346	1365.5	1465.5	1465.5	1620.5	1620.5	1712.5	1712.5
k1	1454.5	1470	1595.5	1595.5	1768.5	1768.5	1871	1871
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-

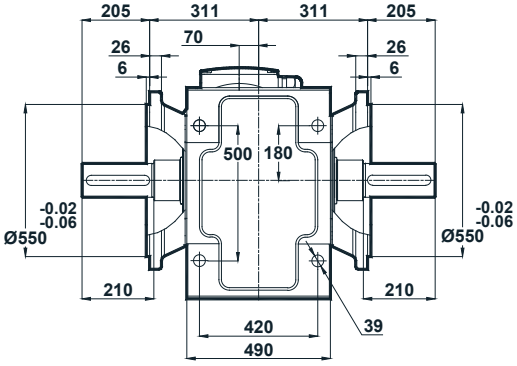
Terminal Box Positions



100-112-132-160-180
Type

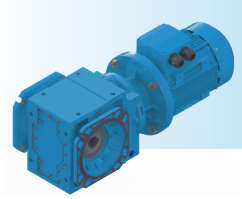
KV974.05





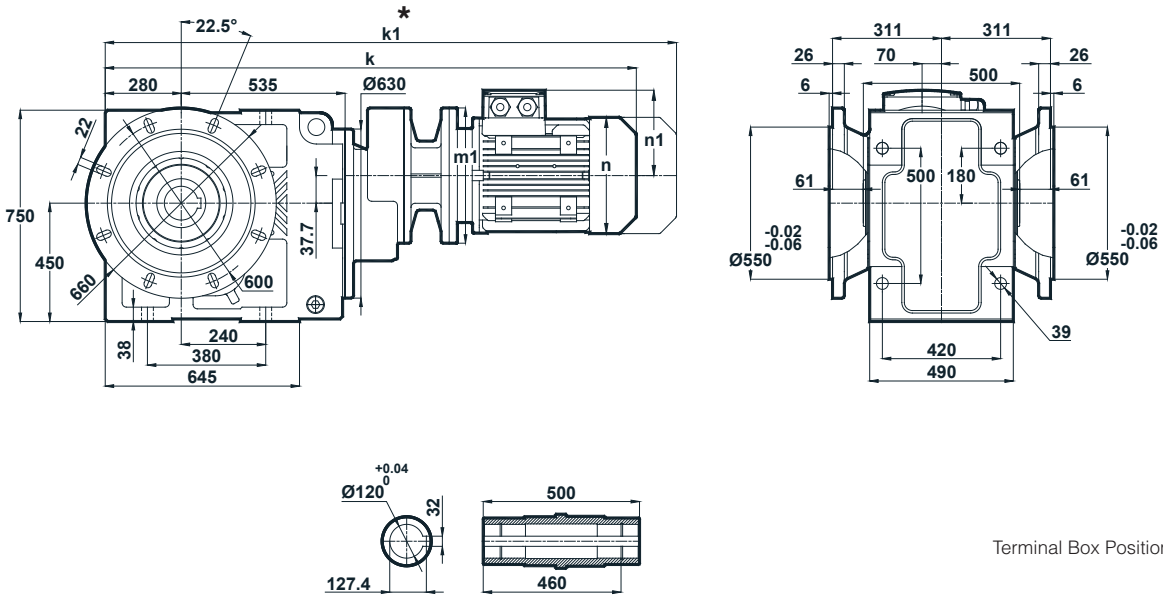
	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	1346	1365.5	1465.5	1465.5	1620.5	1620.5	1712.5	1712.5
k1	1454.5	1470	1595.5	1595.5	1768.5	1768.5	1871	1871
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-

* Dimension " k1" is for motors with brake.



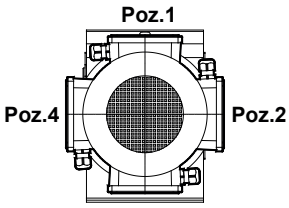
Tapped center hole to DIN 332, sheet 2

KV974.08



	100L/B5	112M/B5	132S/B5 132S/B14	132M/B5 132M/B14	160M/B5	160L/B5	180M/B5	180L/B5
k	1346	1365.5	1465.5	1465.5	1620.5	1620.5	1712.5	1712.5
k1	1454.5	1470	1595.5	1595.5	1768.5	1768.5	1871	1871
n / n1	193 / 149	215 / 161	257 / 181	257 / 181	316 / 224	316 / 224	348 / 250	348 / 250
m1 (B5)	250	250	300	300	350	350	350	350
m1 (B14)	-	-	200	200	-	-	-	-

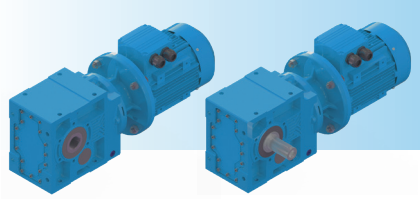
Terminal Box Positions



100-112-132-160-180
Type

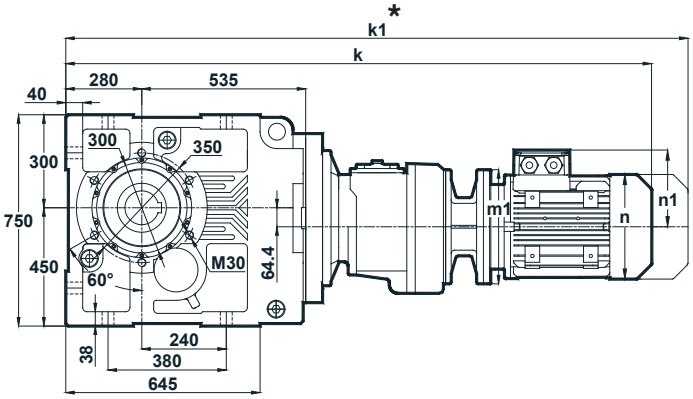
KV - Dimension

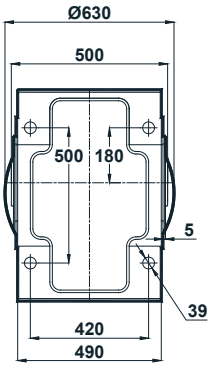
* Dimension " k1" is for motors with brake.

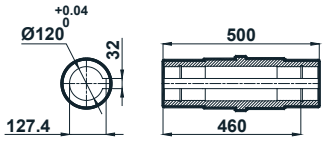


Tapped center hole to DIN 332, sheet 2

KV975.00
KV976.00

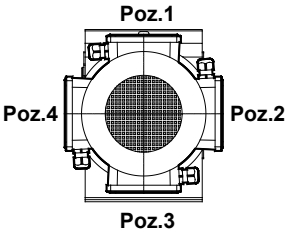






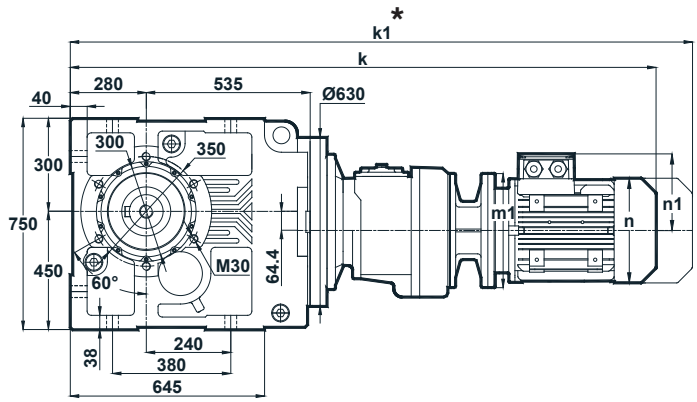
	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	1405.5	1446.5	1446.5	1500.5	1520	1623.5	1623.5
k1	1498.5	1550	1550	1609	1624.5	1753.5	1753.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	200	250	250	300	300
m1 (B14)	-	140	140	160	160	200	200

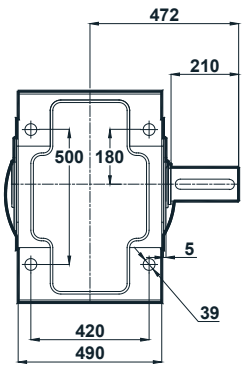
Terminal Box Positions

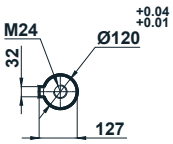


80-90-100-112-132
Type

KV975.01
KV976.01

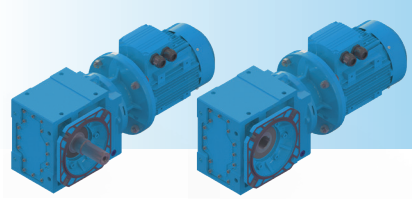






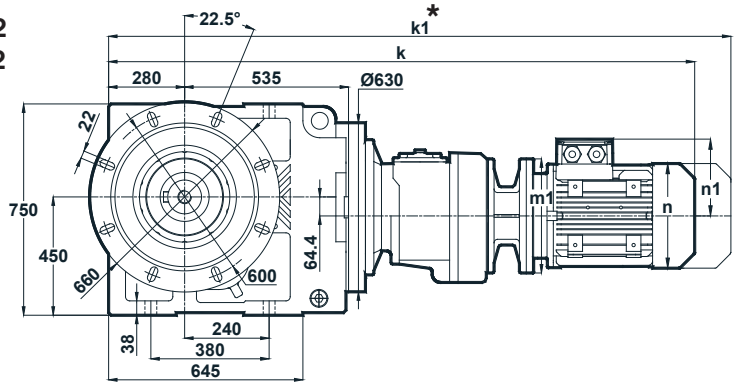
	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	1405.5	1446.5	1446.5	1500.5	1520	1623.5	1623.5
k1	1498.5	1550	1550	1609	1624.5	1753.5	1753.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	200	250	250	300	300
m1 (B14)	-	140	140	160	160	200	200

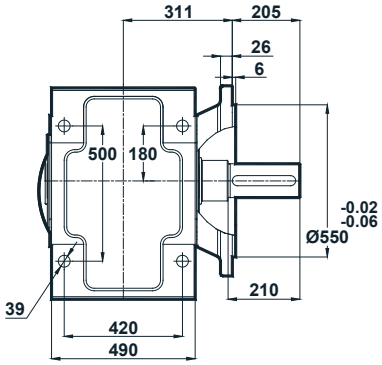
* Dimension " k1" is for motors with brake.

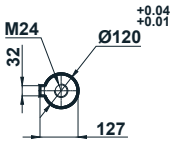


Tapped center hole to DIN 332, sheet 2

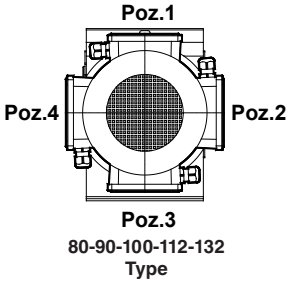
KV975.02
KV976.02







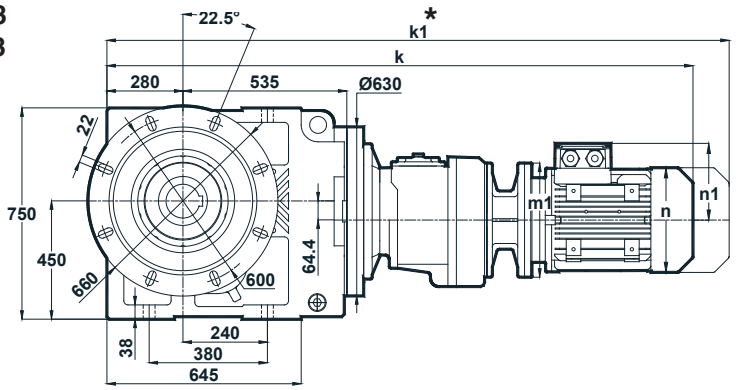
Terminal Box Positions

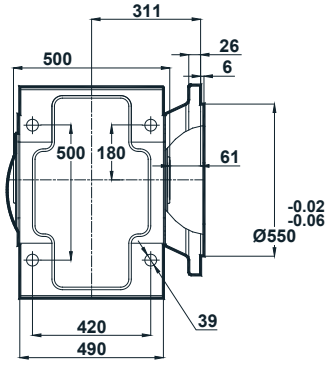


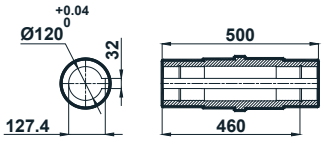
80-90-100-112-132
Type

	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	1405.5	1446.5	1446.5	1500.5	1520	1623.5	1623.5
k1	1498.5	1550	1550	1609	1624.5	1753.5	1753.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	200	250	250	300	300
m1 (B14)	-	140	140	160	160	200	200

KV975.03
KV976.03

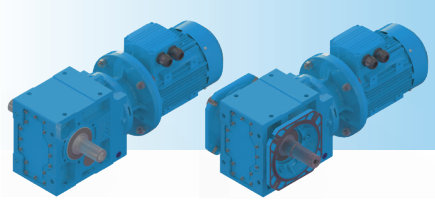






	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	1405.5	1446.5	1446.5	1500.5	1520	1623.5	1623.5
k1	1498.5	1550	1550	1609	1624.5	1753.5	1753.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	200	250	250	300	300
m1 (B14)	-	140	140	160	160	200	200

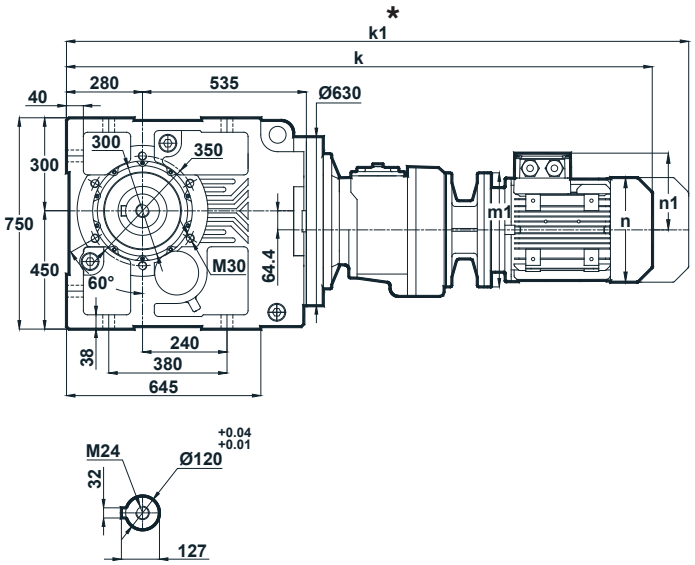
* Dimension " k1" is for motors with brake.

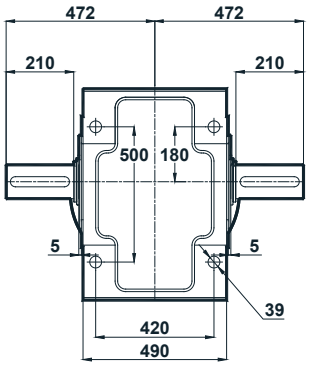


KV - DIMENSION PAGES

Tapped center hole to DIN 332, sheet 2

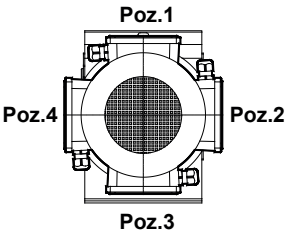
KV975.04
KV976.04





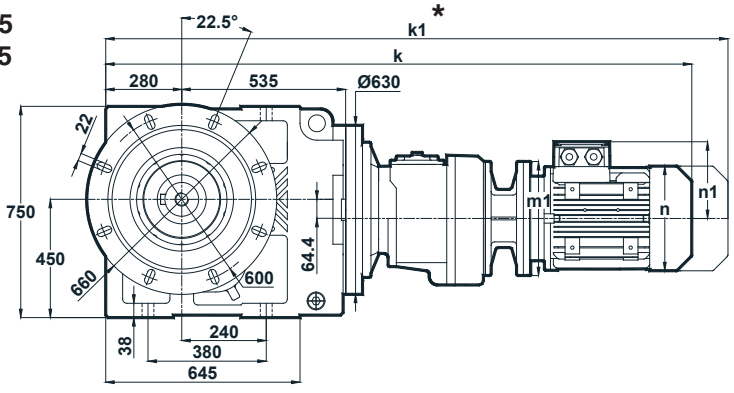
	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	1405.5	1446.5	1446.5	1500.5	1520	1623.5	1623.5
k1	1498.5	1550	1550	1609	1624.5	1753.5	1753.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	200	250	250	300	300
m1 (B14)	-	140	140	160	160	200	200

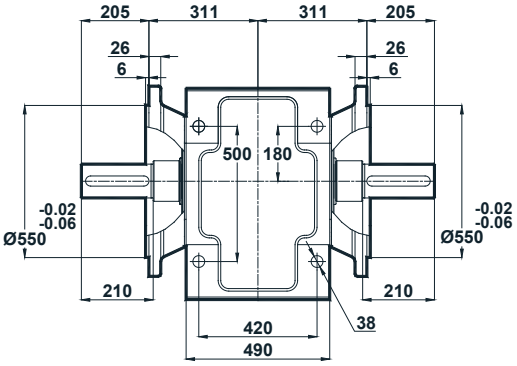
Terminal Box Positions

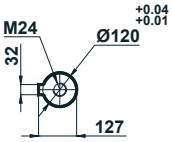


80-90-100-112-132
Type

KV975.05
KV976.05

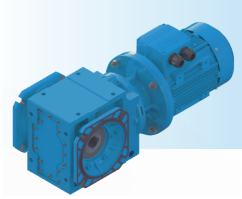






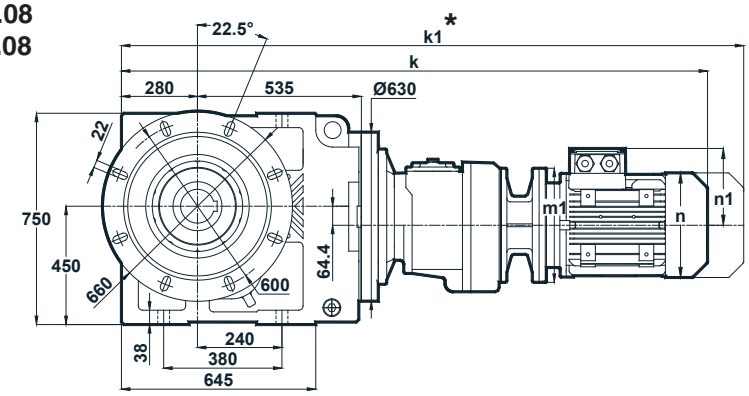
	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	1405.5	1446.5	1446.5	1500.5	1520	1623.5	1623.5
k1	1498.5	1550	1550	1609	1624.5	1753.5	1753.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	200	250	250	300	300
m1 (B14)	-	140	140	160	160	200	200

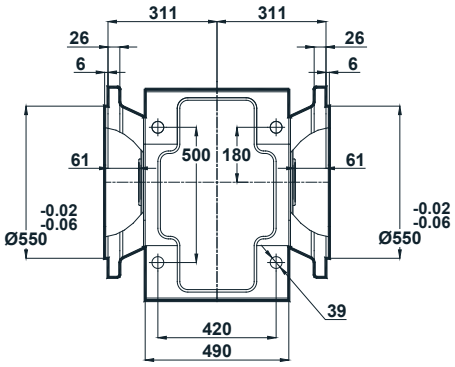
* Dimension " k1" is for motors with brake.

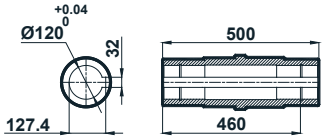


Tapped center hole to DIN 332, sheet 2

KV975.08
KV976.08

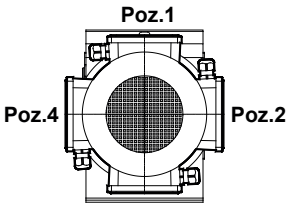






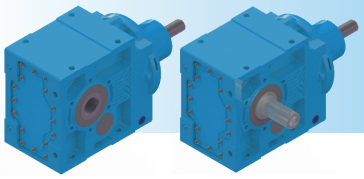
	80/B5 80/B14	90S/B5 90S/B14	90L/B5 90L/B14	100L/B5 100L/B14	112M/B5 112M/B14	132S/B5 132S/B14	132M/B5 132M/B14
k	1405.5	1446.5	1446.5	1500.5	1520	1623.5	1623.5
k1	1498.5	1550	1550	1609	1624.5	1753.5	1753.5
n / n1	155 / 123	176 / 132	176 / 132	193 / 149	215 / 161	257 / 181	257 / 181
m1 (B5)	200	200	200	250	250	300	300
m1 (B14)	-	140	140	160	160	200	200

Terminal Box Positions



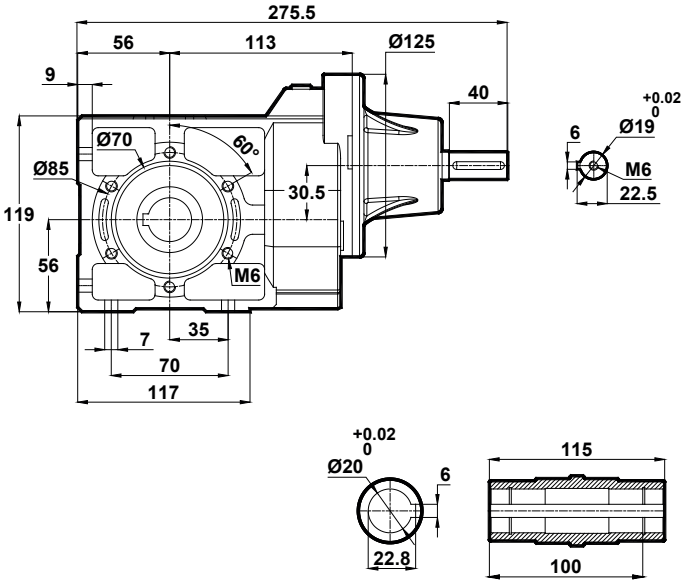
80-90-100-112-132
Type

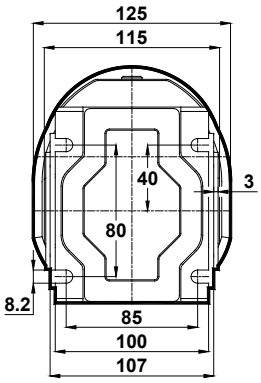
* Dimension " k1" is for motors with brake.



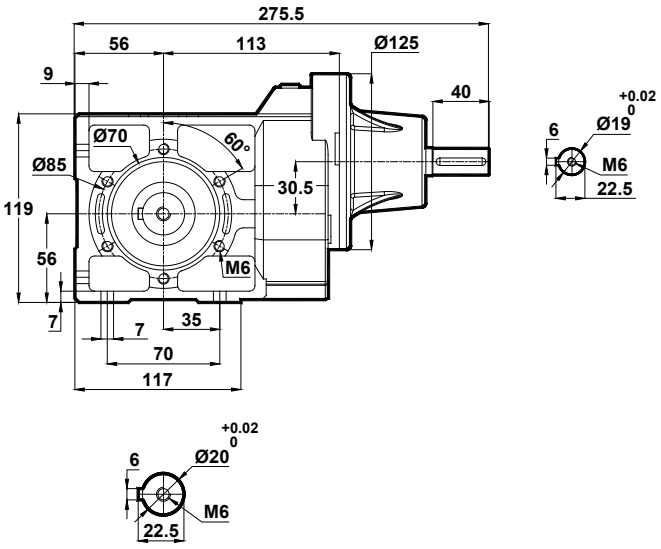
Tapped center hole to DIN 332, sheet 2

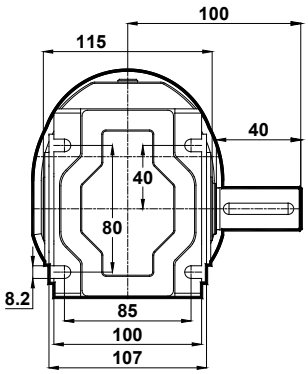
KT002.00
KT003.00

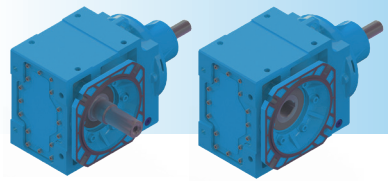




KT002.01
KT003.01

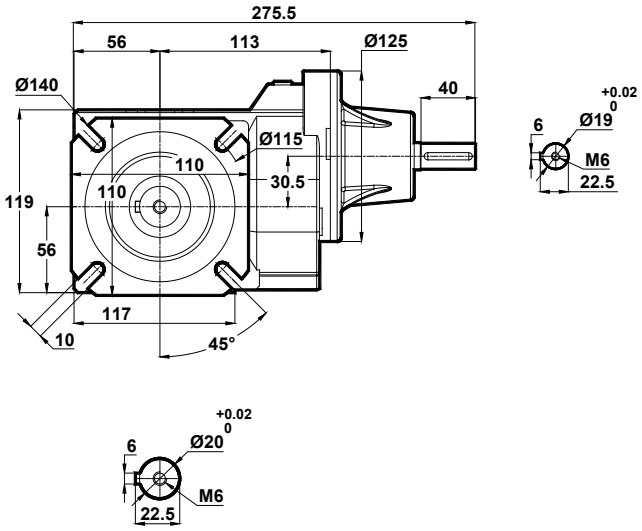


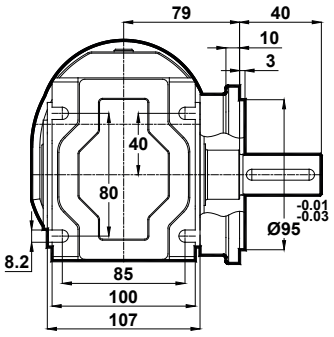




Tapped center hole to DIN 332, sheet 2

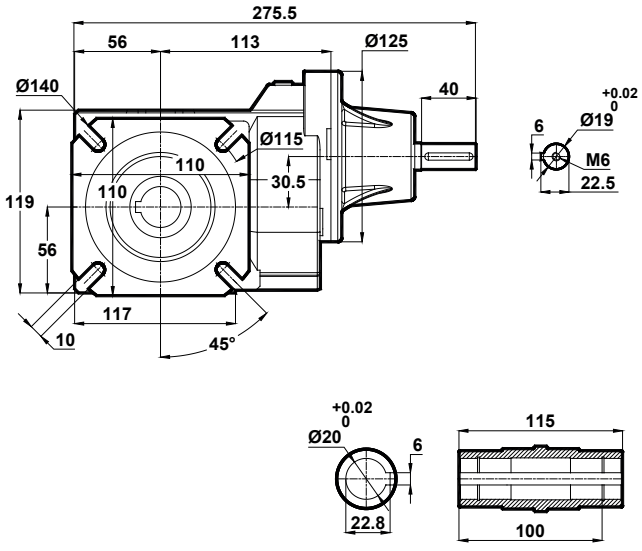
KT002.02
KT003.02

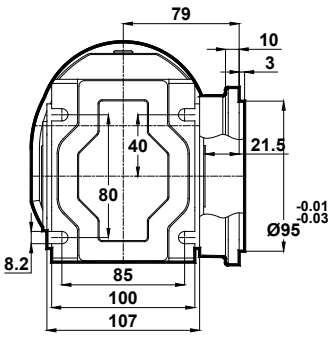




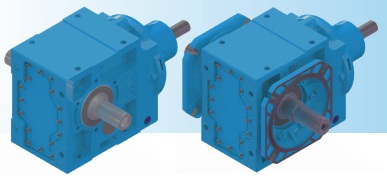
Please see on page 576 for optional flange dimensions

KT002.03
KT003.03



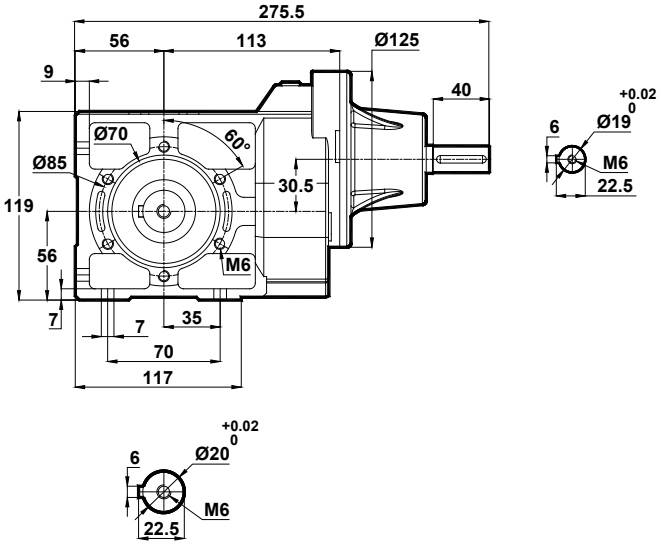


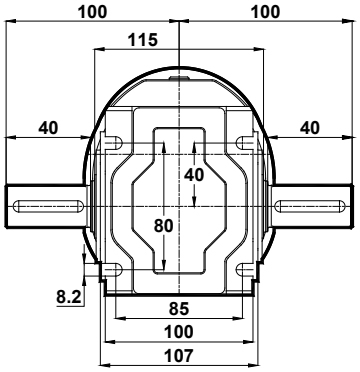
Please see on page 576 for optional flange dimensions



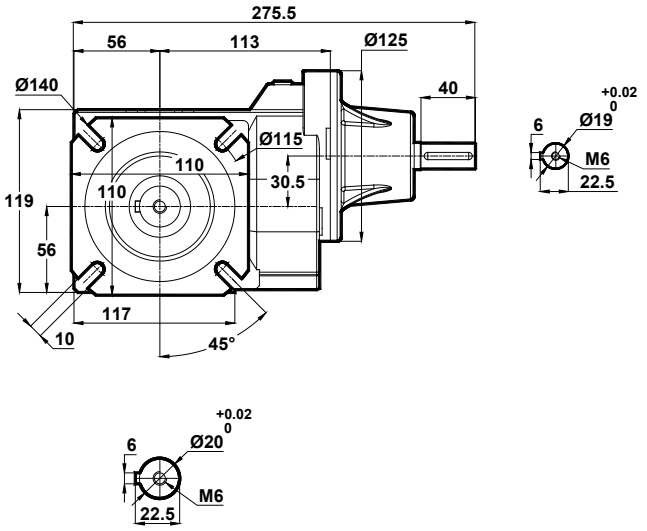
Tapped center hole to DIN 332, sheet 2

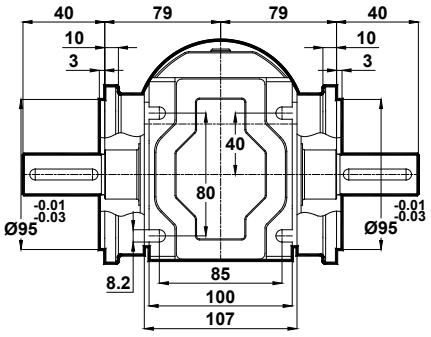
KT002.04
KT003.04



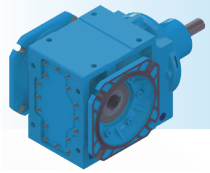


KT002.05
KT003.05



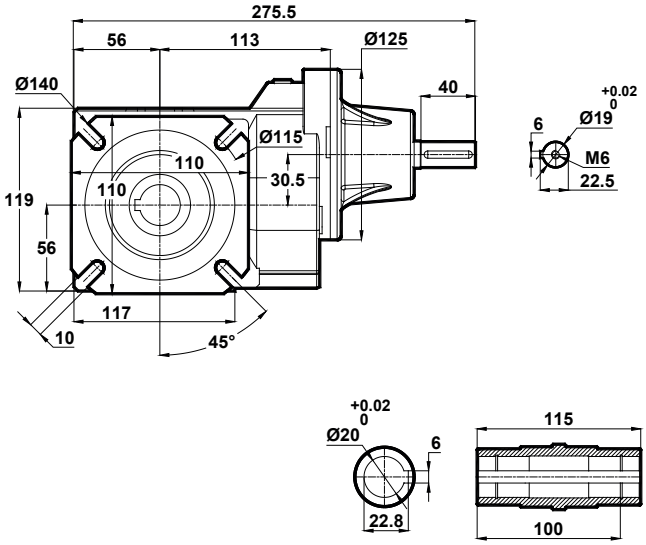


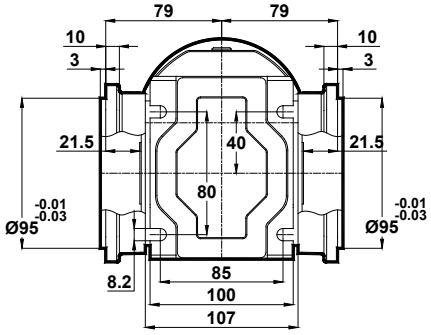
Please see on page 576 for optional flange dimensions



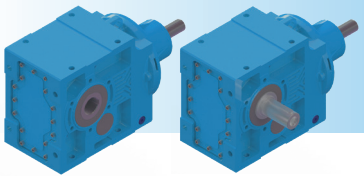
Tapped center hole to DIN 332, sheet 2

KT002.08
KT003.08



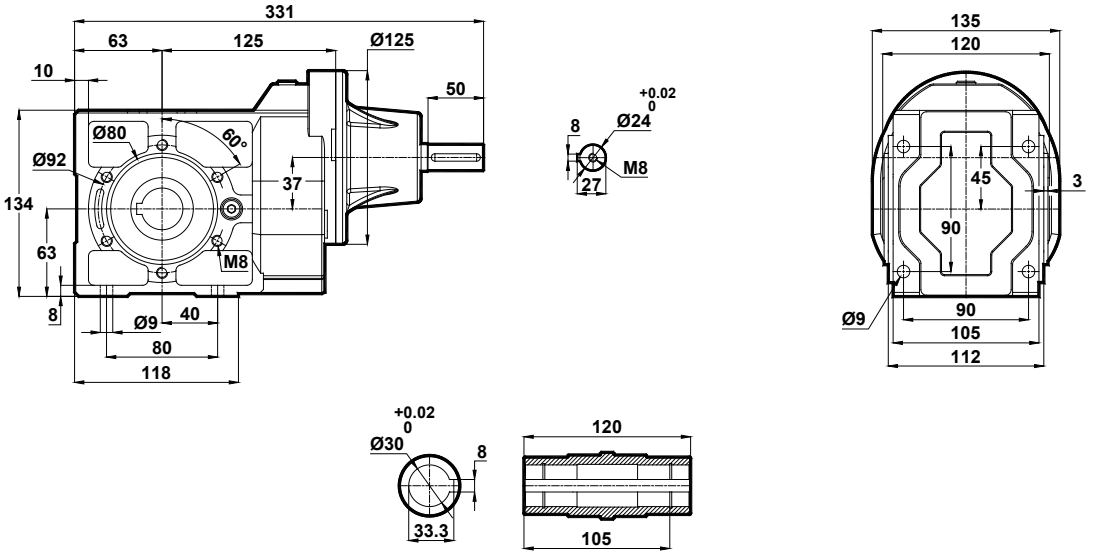


Please see on page 576 for optional flange dimensions

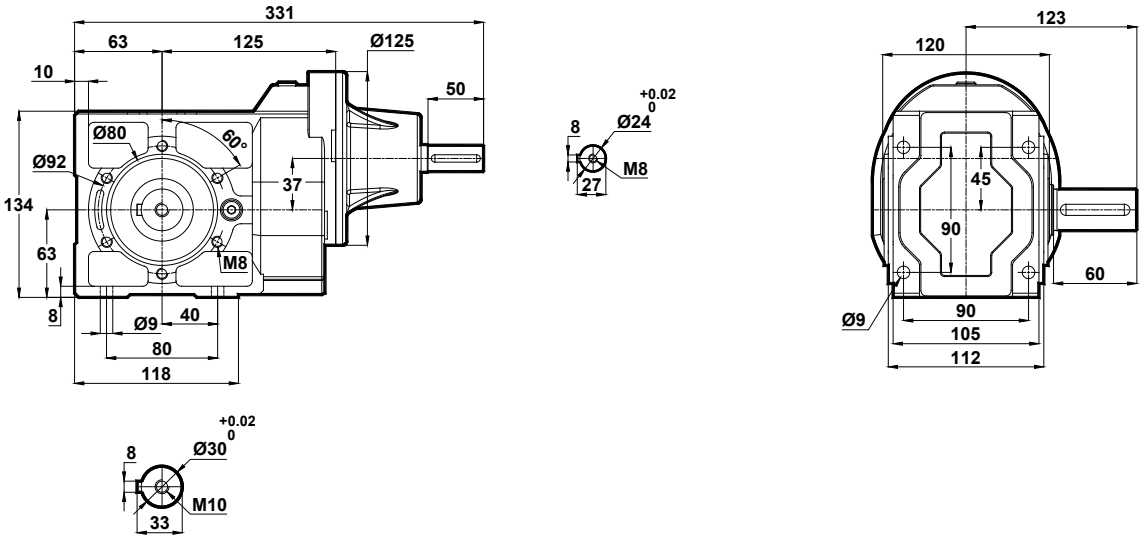


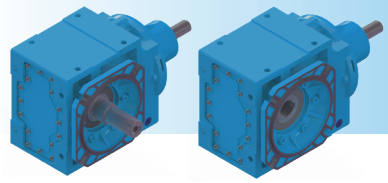
Tapped center hole to DIN 332, sheet 2

KT102.00
KT103.00



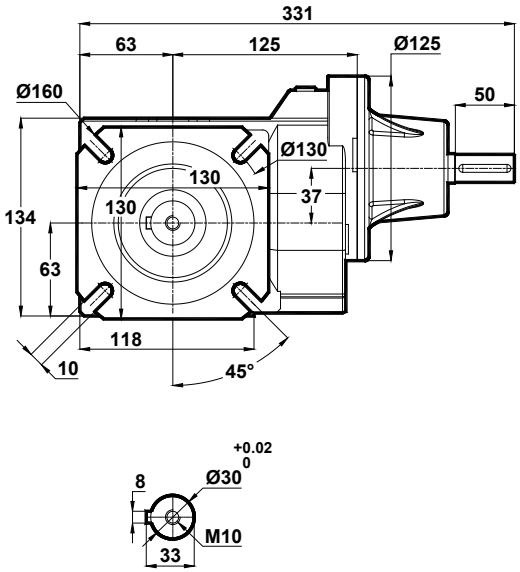
KT102.01
KT103.01

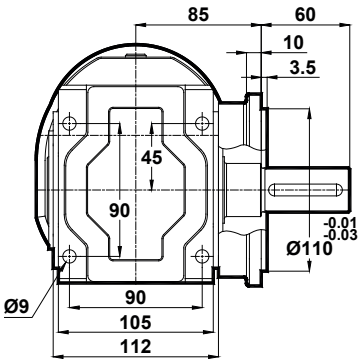




Tapped center hole to DIN 332, sheet 2

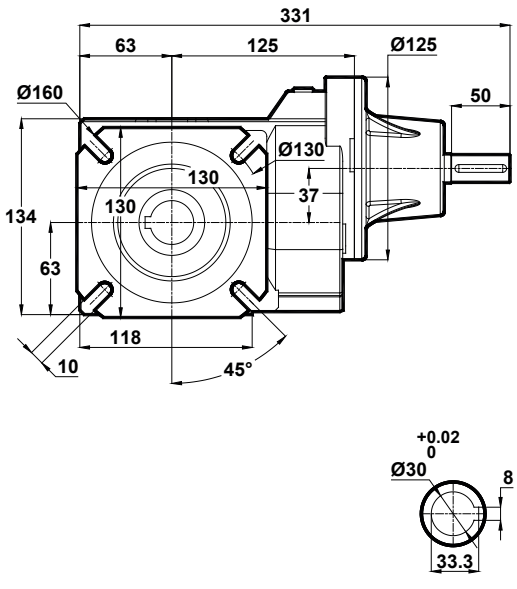
KT102.02
KT103.02

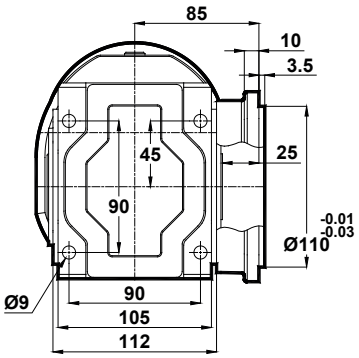




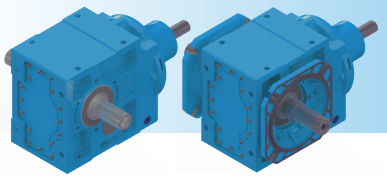
Please see on page 576 for optional flange dimensions

KT102.03
KT103.03



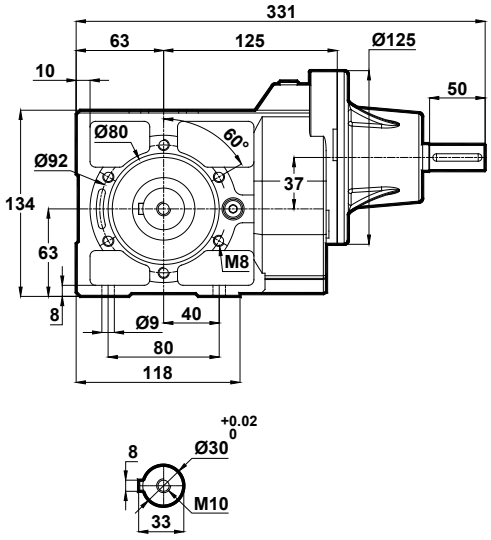


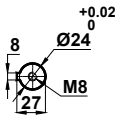
Please see on page 576 for optional flange dimensions

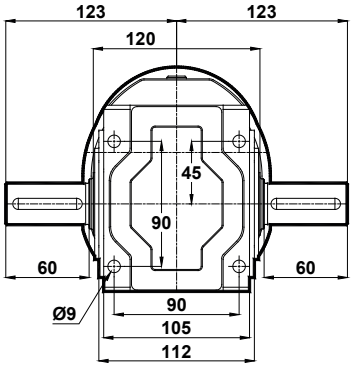


Tapped center hole to DIN 332, sheet 2

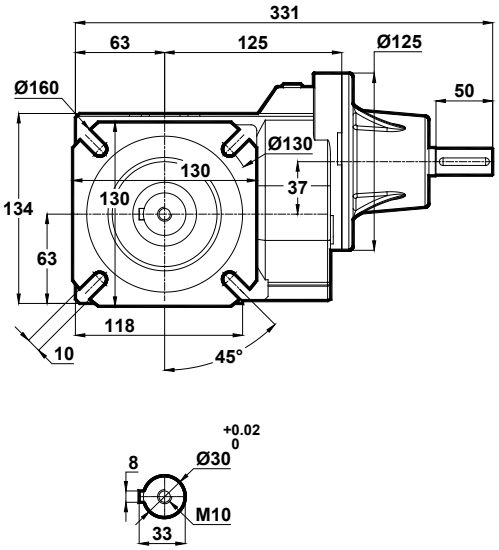
KT102.04
KT103.04

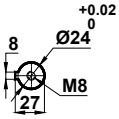


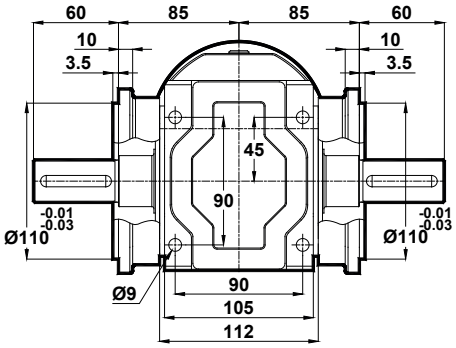




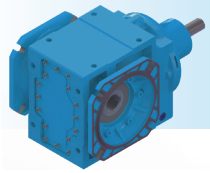
KT102.05
KT103.05





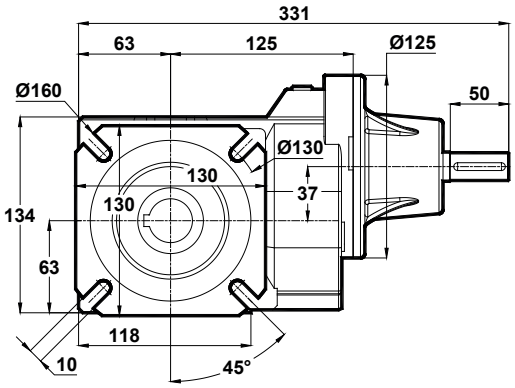


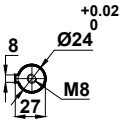
Please see on page 576 for optional flange dimensions

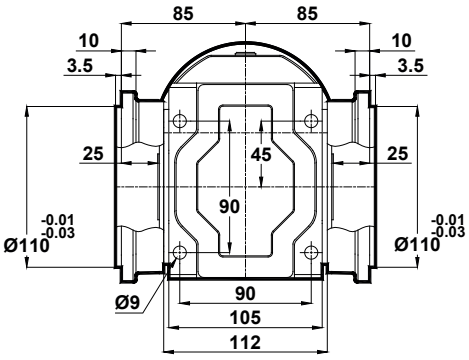


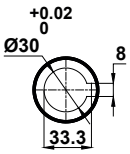
Tapped center hole to DIN 332, sheet 2

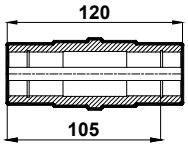
KT102.08
KT103.08



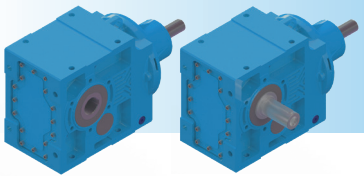






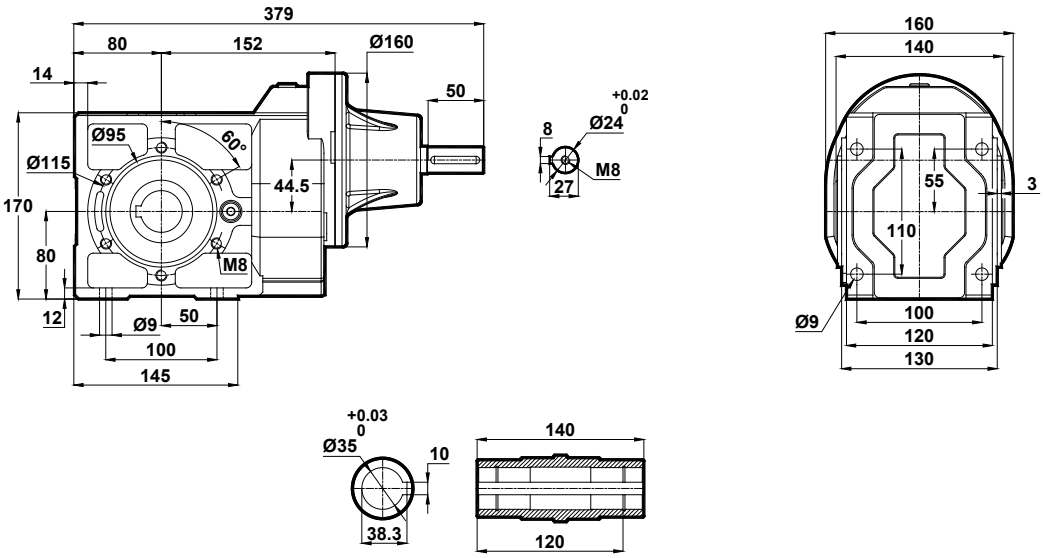


Please see on page 576 for optional flange dimensions

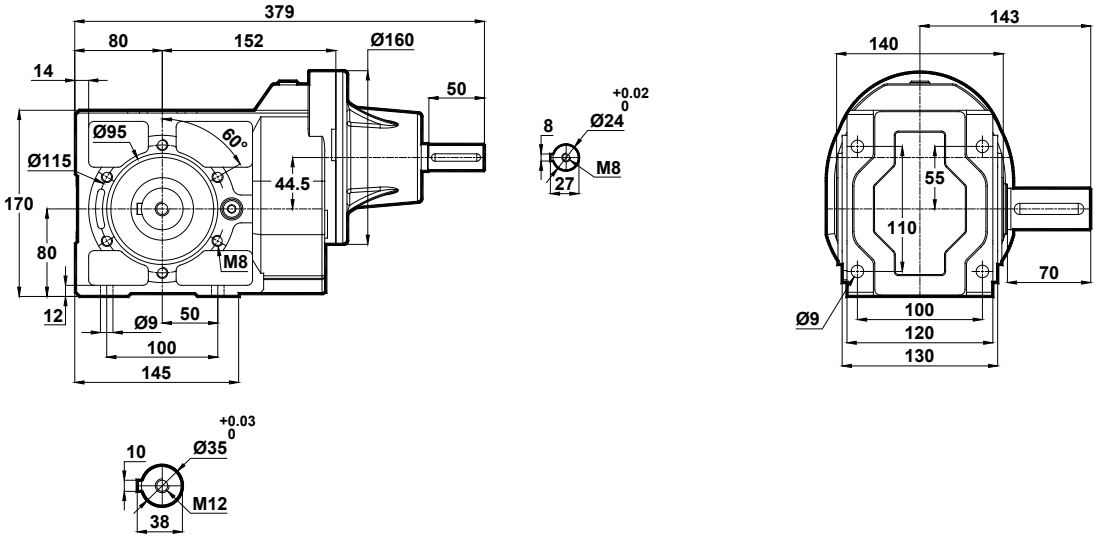


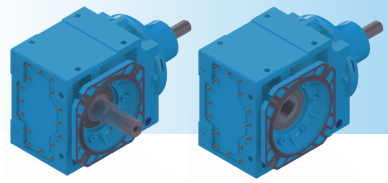
Tapped center hole to DIN 332, sheet 2

KT202.00
KT203.00



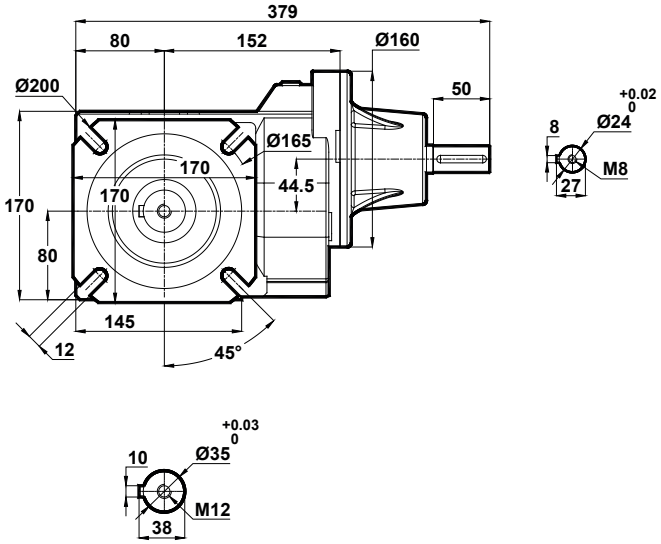
KT202.01
KT203.01

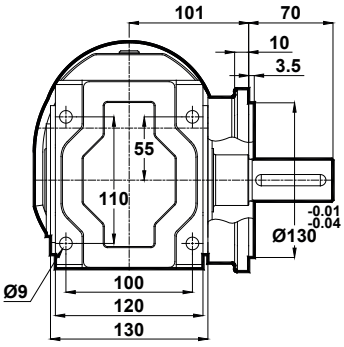




Tapped center hole to DIN 332, sheet 2

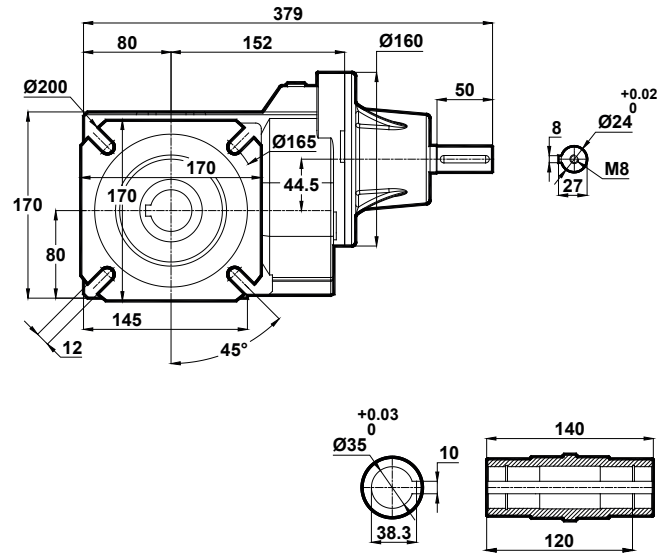
KT202.02
KT203.02

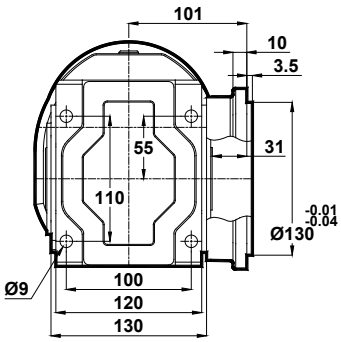




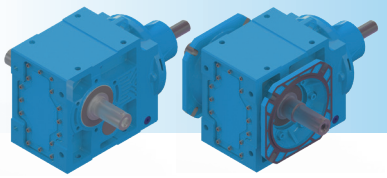
Please see on page 576 for optional flange dimensions

KT202.03
KT203.03



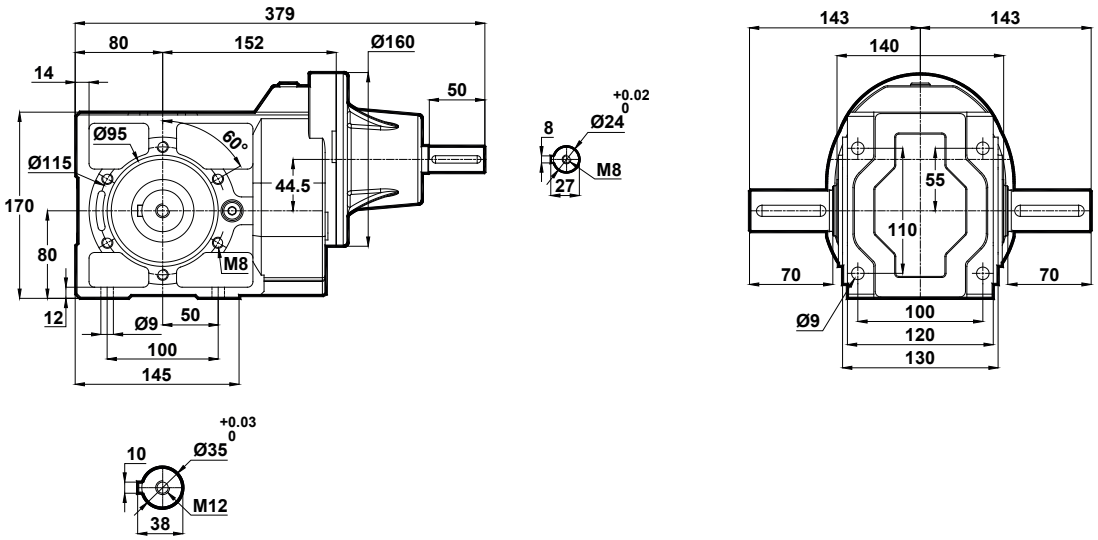


Please see on page 576 for optional flange dimensions

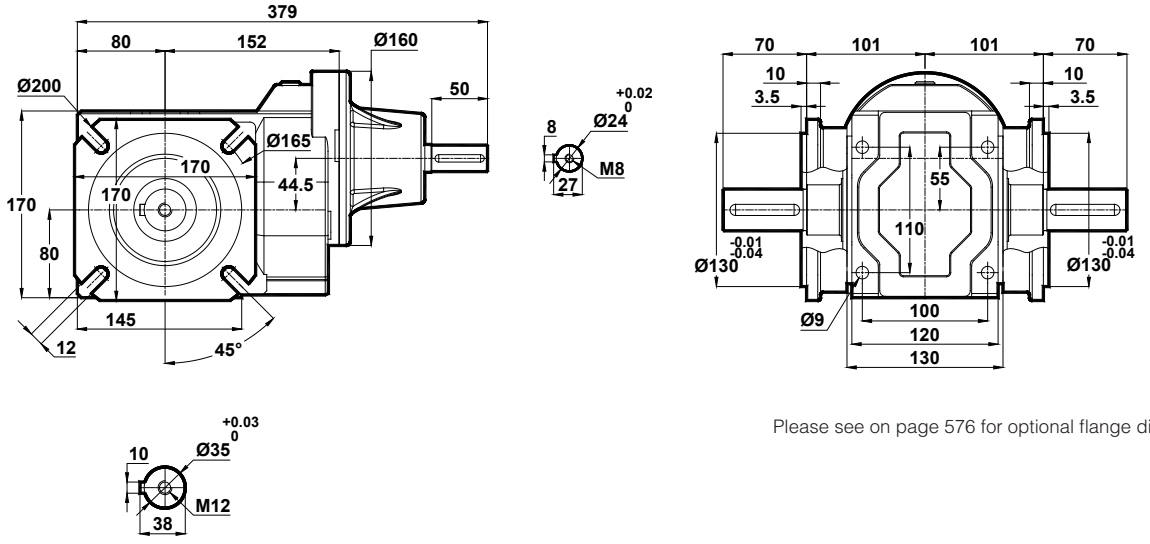


Tapped center hole to DIN 332, sheet 2

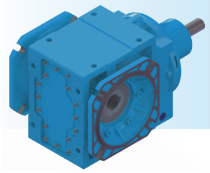
KT202.04
KT203.04



KT202.05
KT203.05

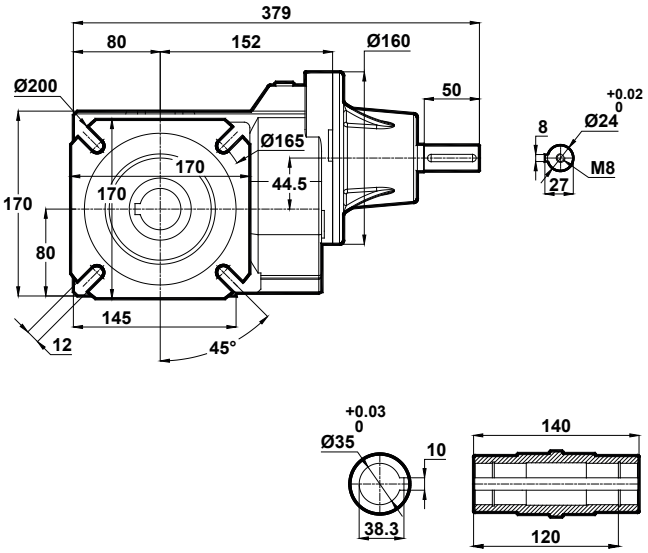


Please see on page 576 for optional flange dimensions

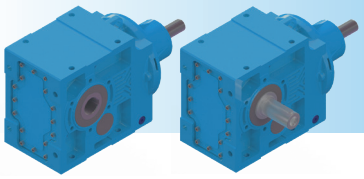


Tapped center hole to DIN 332, sheet 2

KT202.08
KT203.08

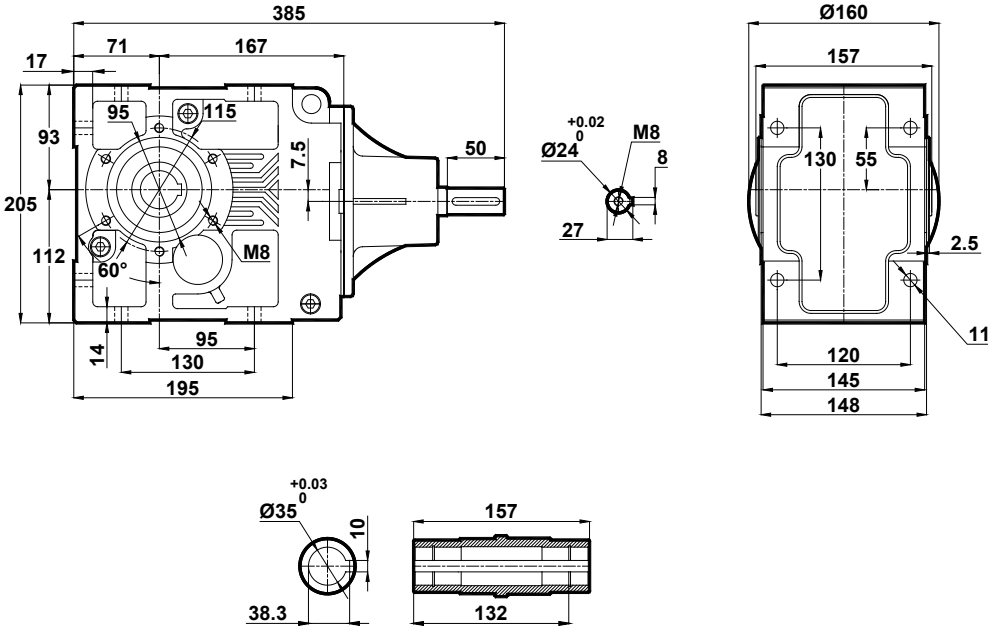


Please see on page 576 for optional flange dimensions

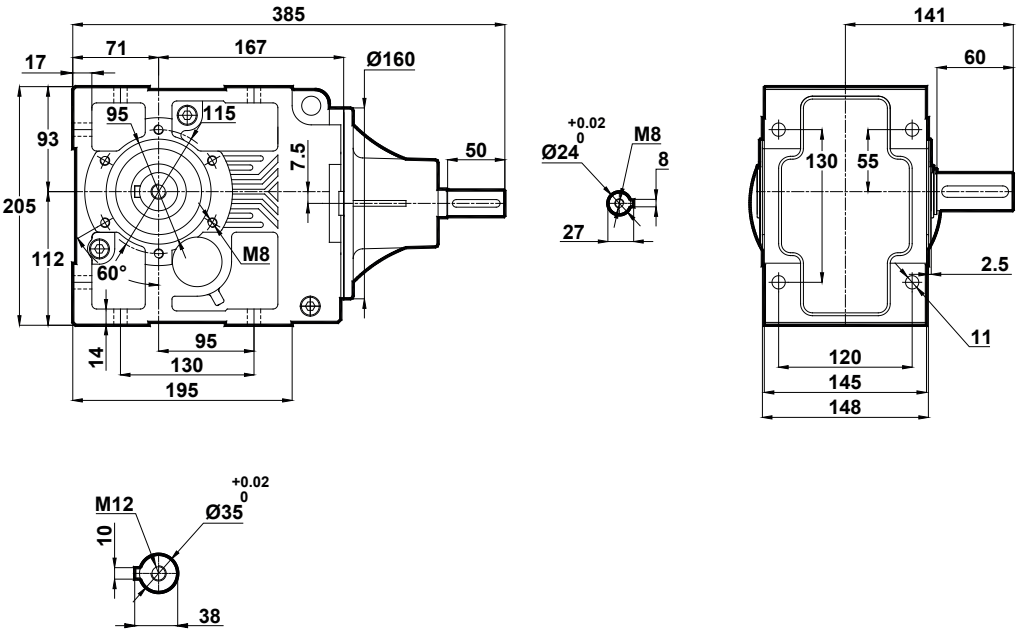


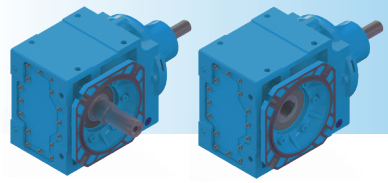
Tapped center hole to DIN 332, sheet 2

KT273.00



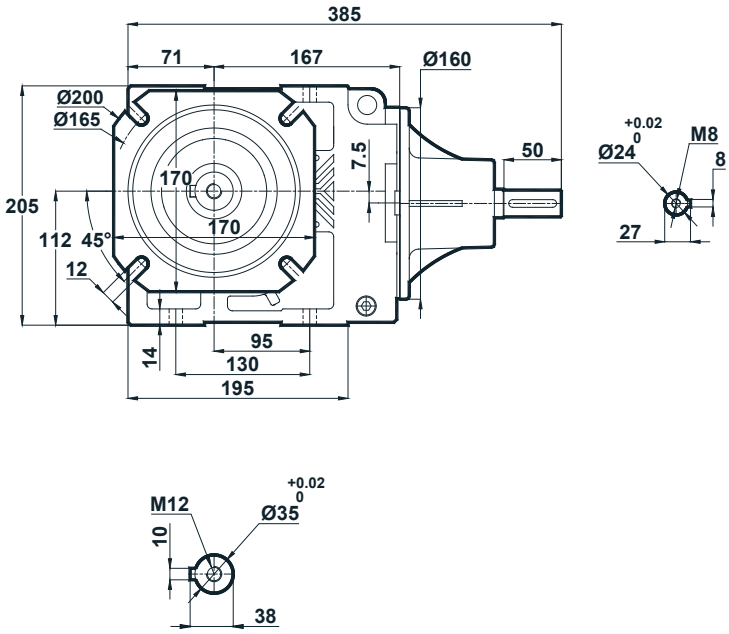
KT273.01





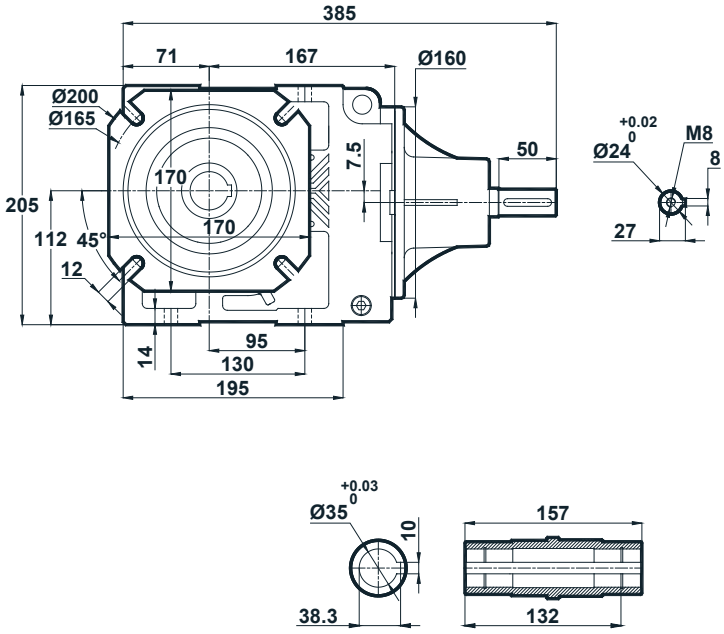
Tapped center hole to DIN 332, sheet 2

KT273.02

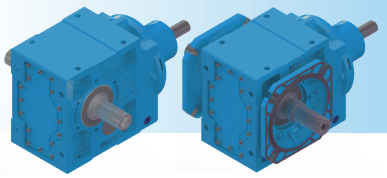


Please see on page 576 for optional flange dimensions

KT273.03

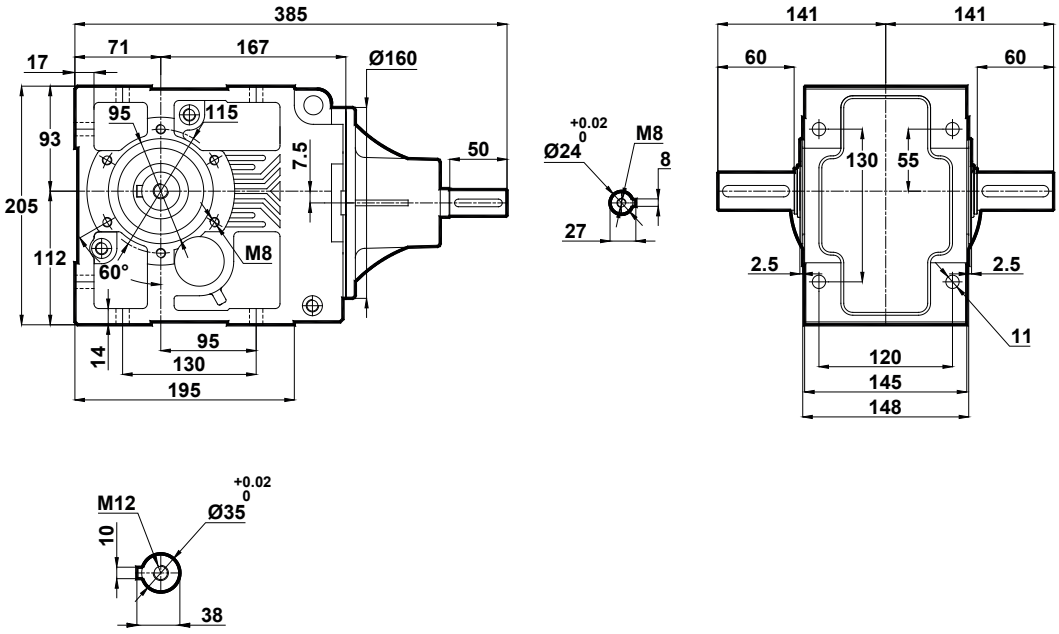


Please see on page 576 for optional flange dimensions

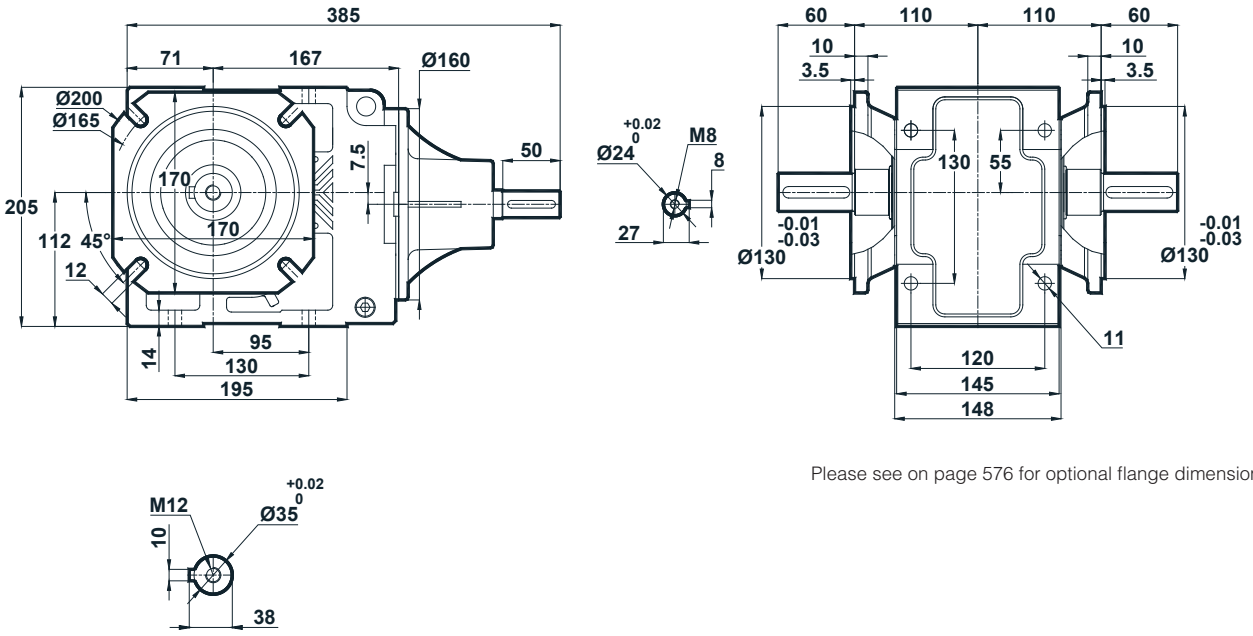


Tapped center hole to DIN 332, sheet 2

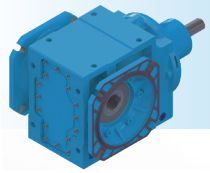
KT273.04



KT273.05

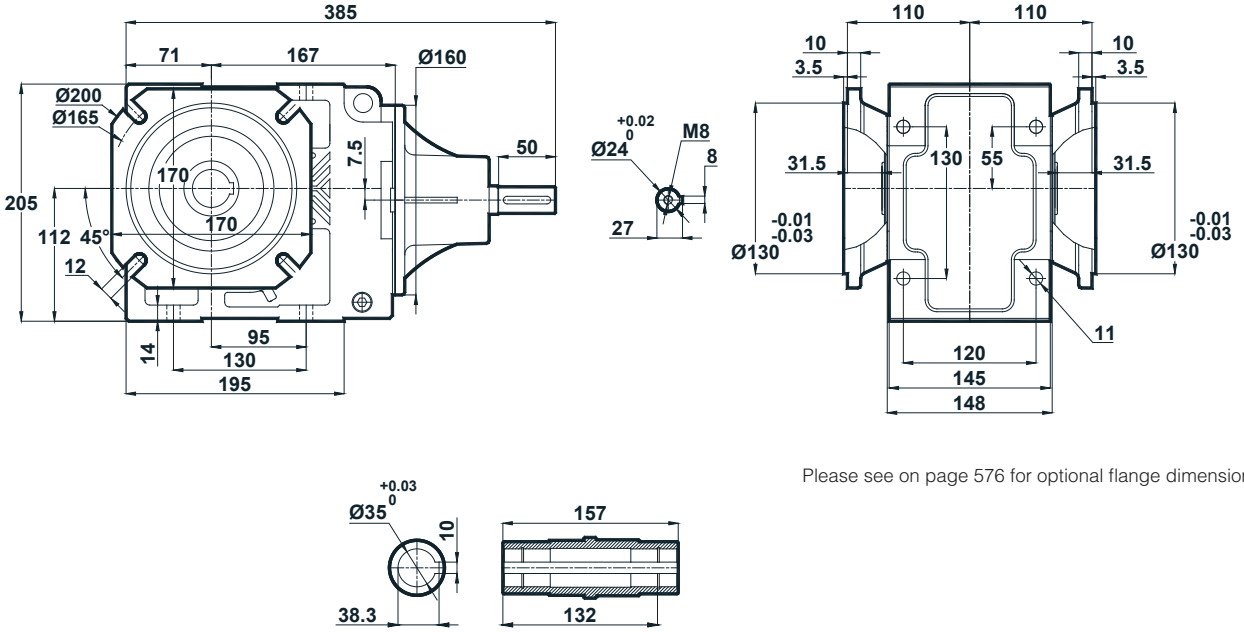


Please see on page 576 for optional flange dimensions

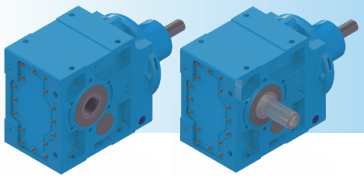


Tapped center hole to DIN 332, sheet 2

KT273.08

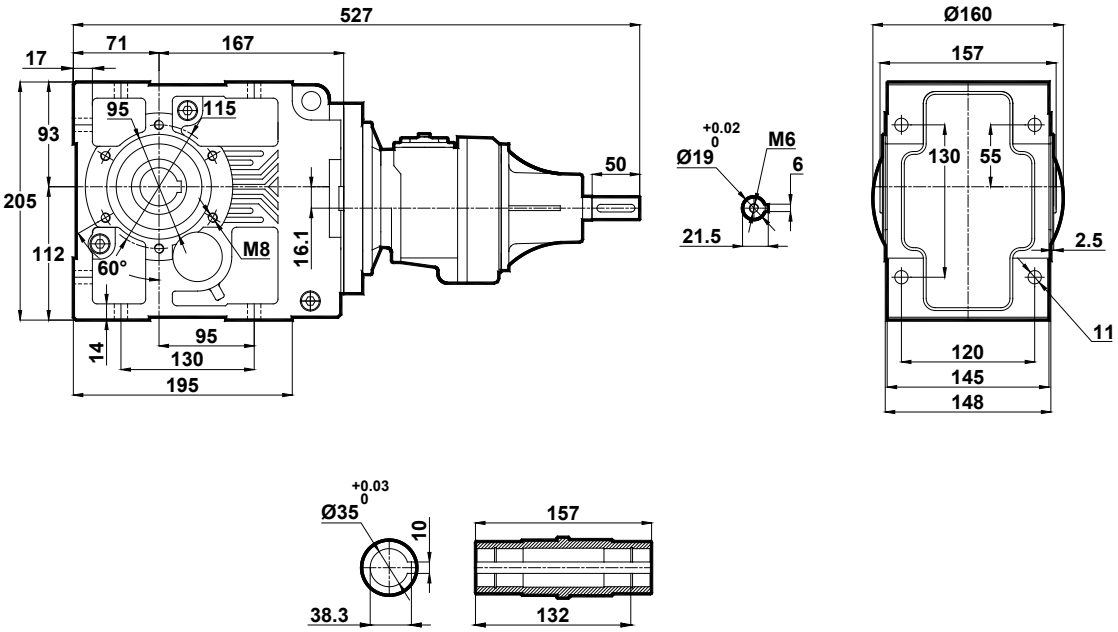


Please see on page 576 for optional flange dimensions

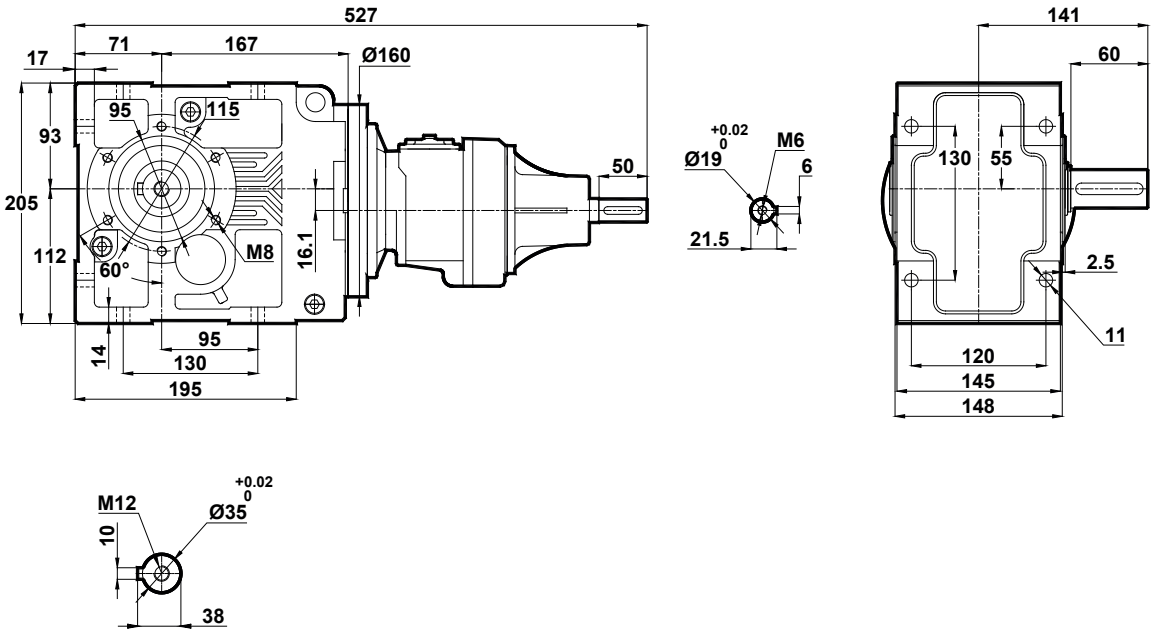


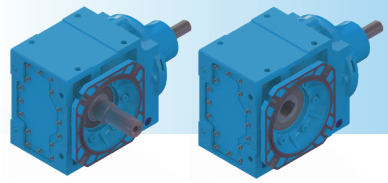
Tapped center hole to DIN 332, sheet 2

KT275.00
KT276.00



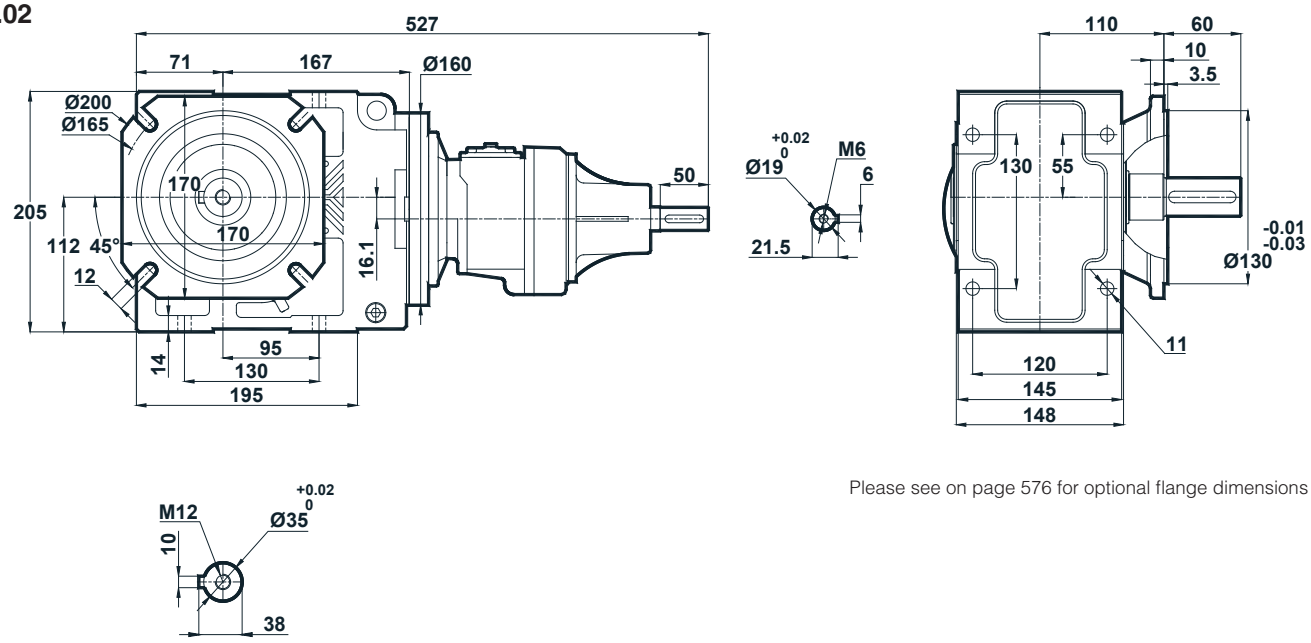
KT275.01
KT276.01





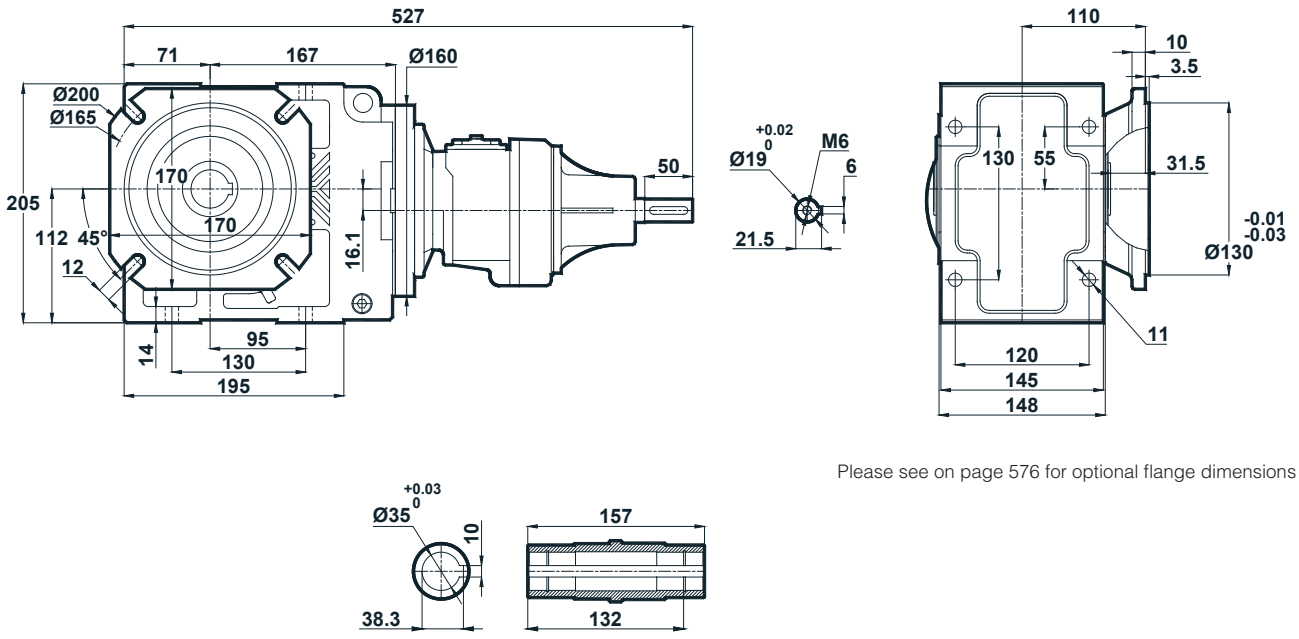
Tapped center hole to DIN 332, sheet 2

KT275.02
KT276.02

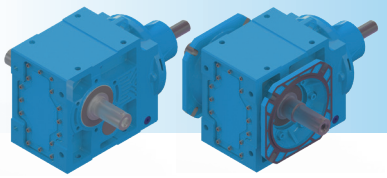


Please see on page 576 for optional flange dimensions

KT275.03
KT276.03

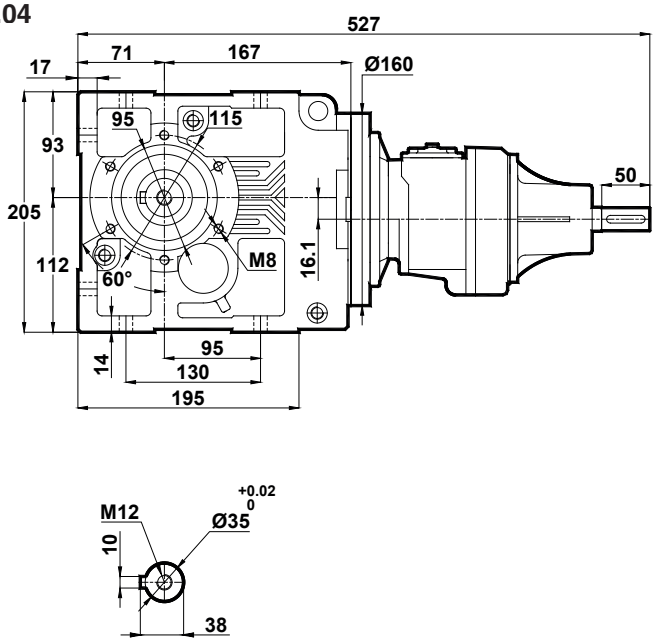


Please see on page 576 for optional flange dimensions

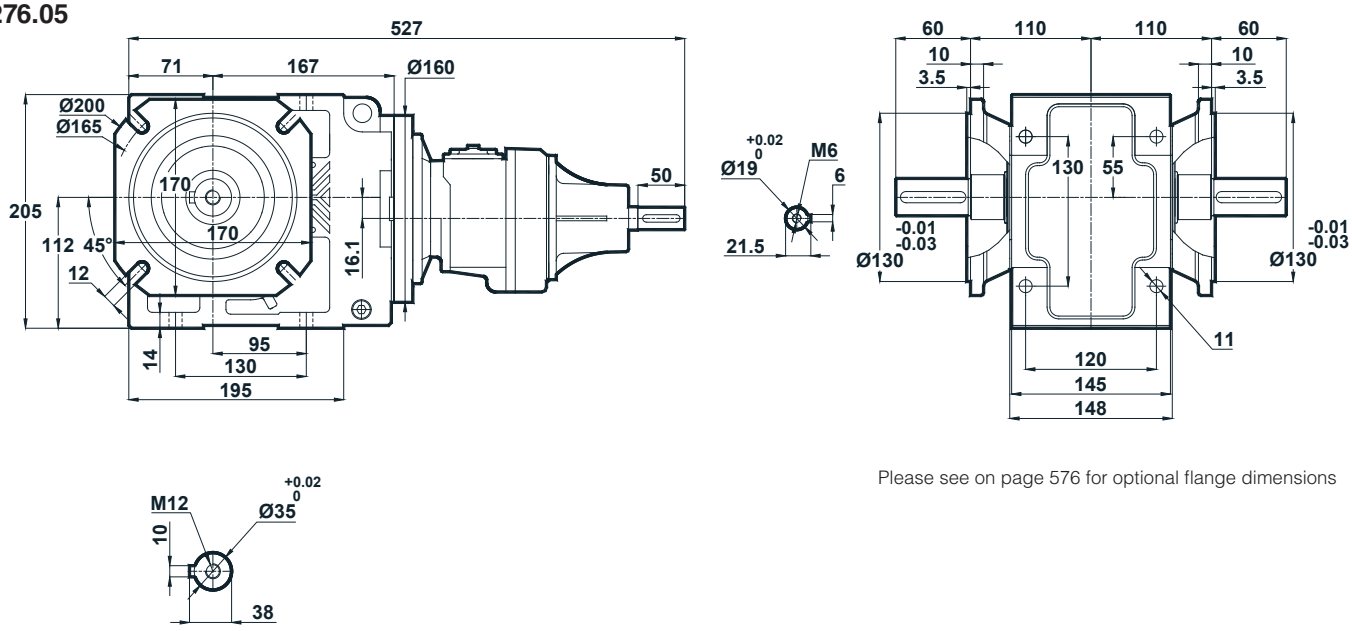


Tapped center hole to DIN 332, sheet 2

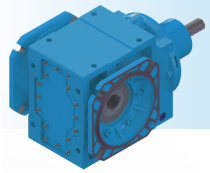
KT275.04
KT276.04



KT275.05
KT276.05

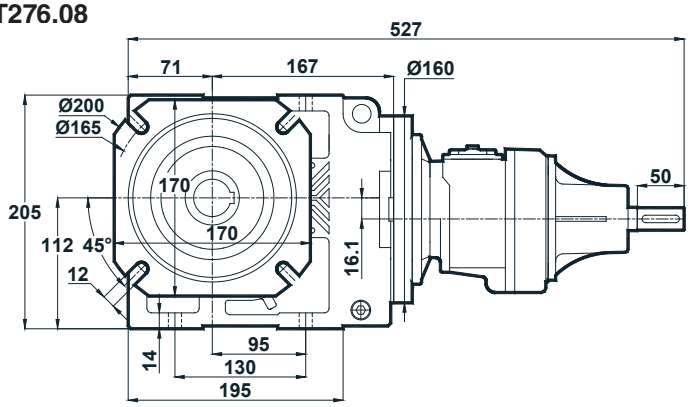


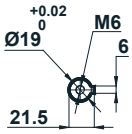
Please see on page 576 for optional flange dimensions

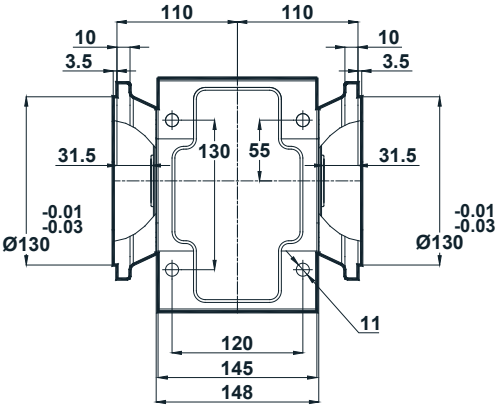


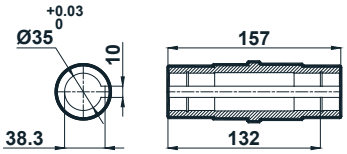
Tapped center hole to DIN 332, sheet 2

KT275.08
KT276.08

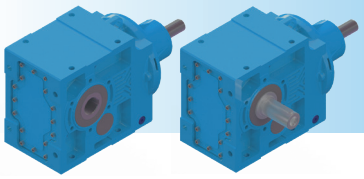






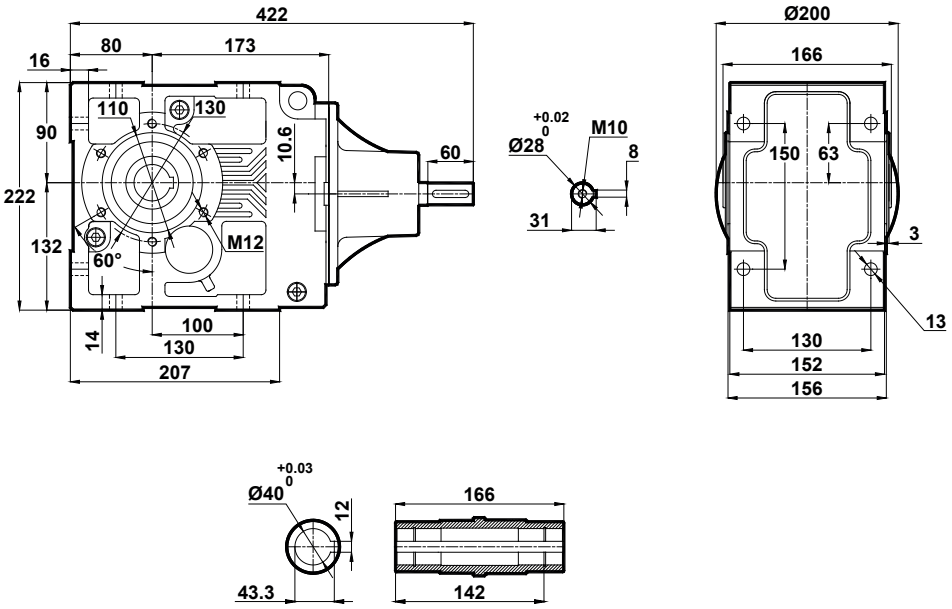


Please see on page 576 for optional flange dimensions

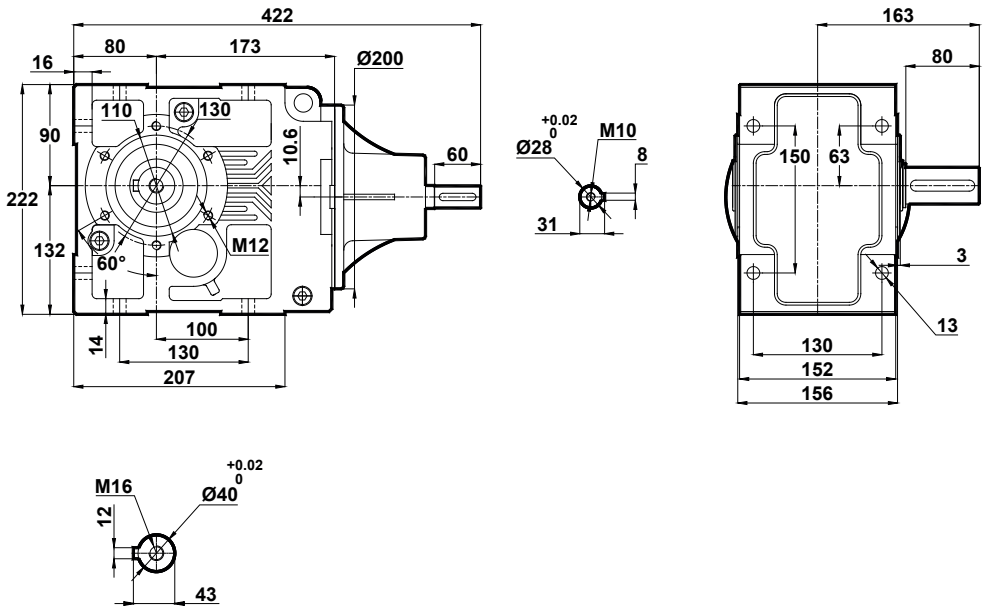


Tapped center hole to DIN 332, sheet 2

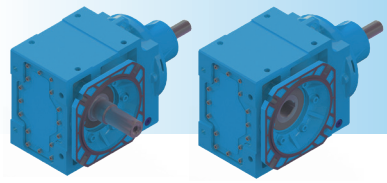
KT283.00



KT283.01

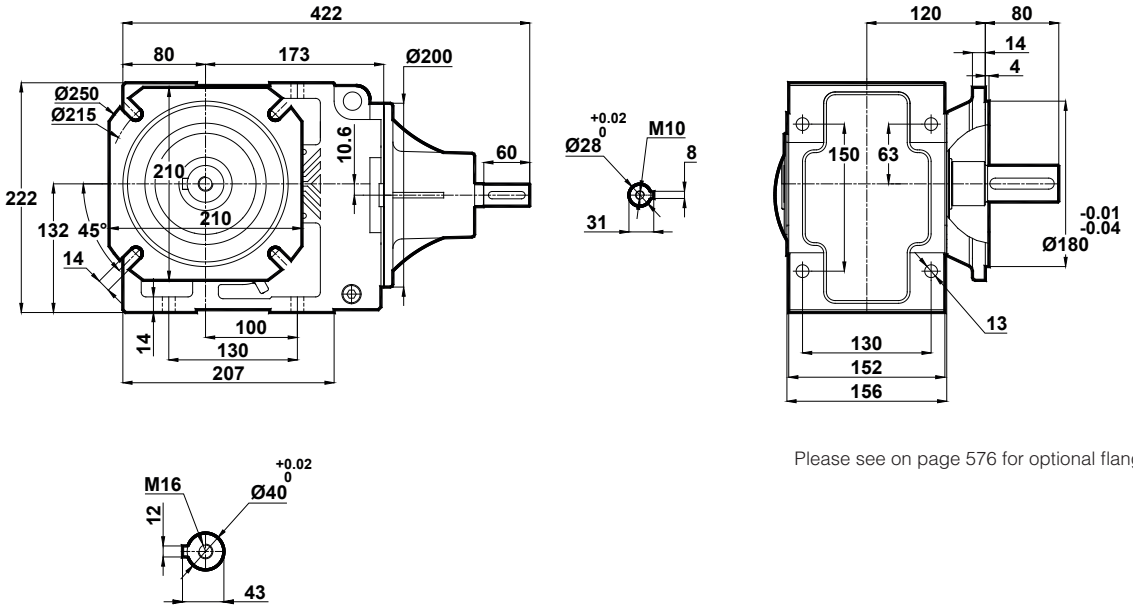


KT - Dimension



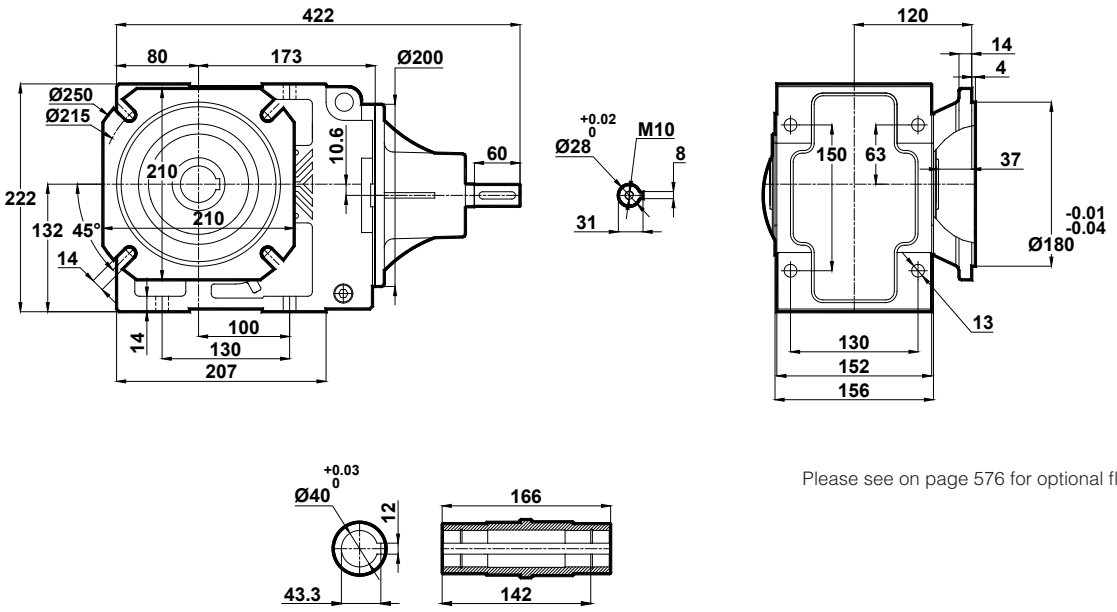
Tapped center hole to DIN 332, sheet 2

KT283.02

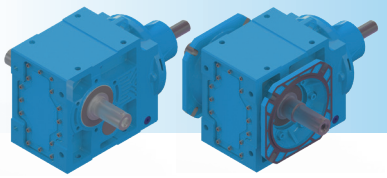


Please see on page 576 for optional flange dimensions

KT283.03

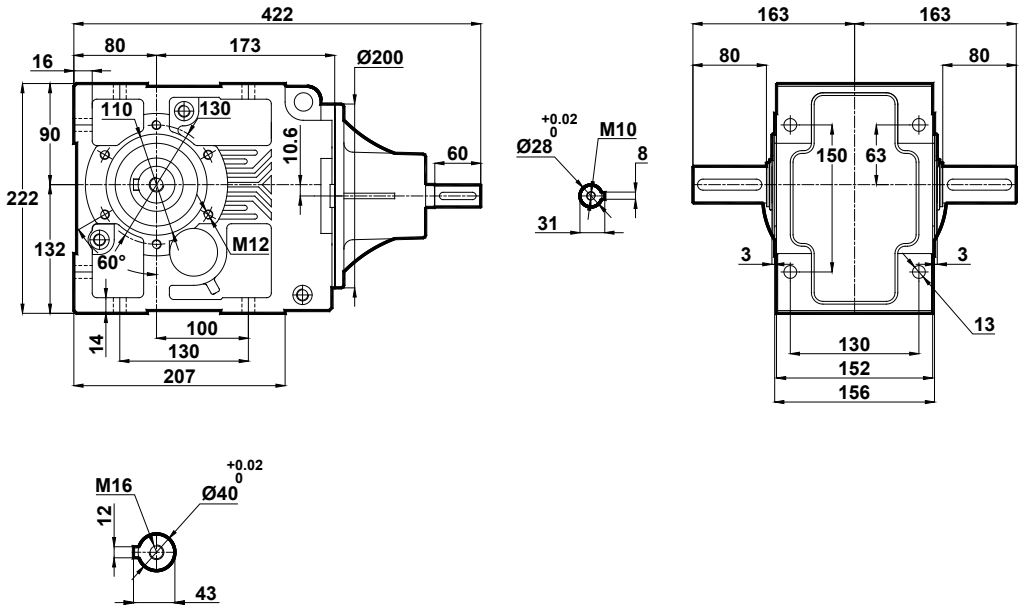


Please see on page 576 for optional flange dimensions

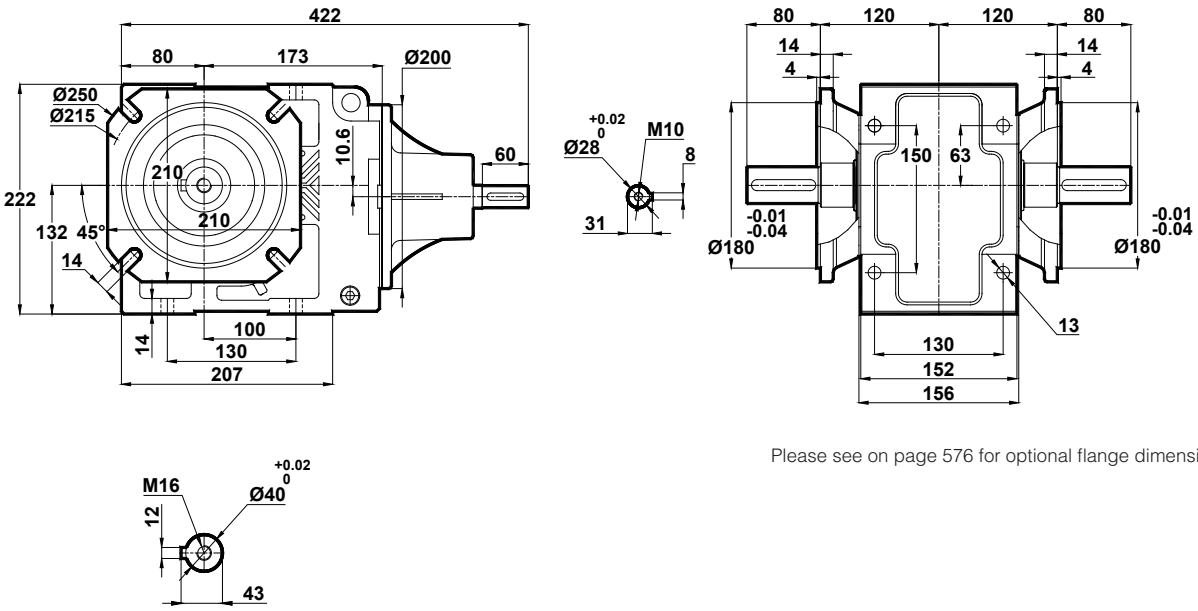


Tapped center hole to DIN 332, sheet 2

KT283.04



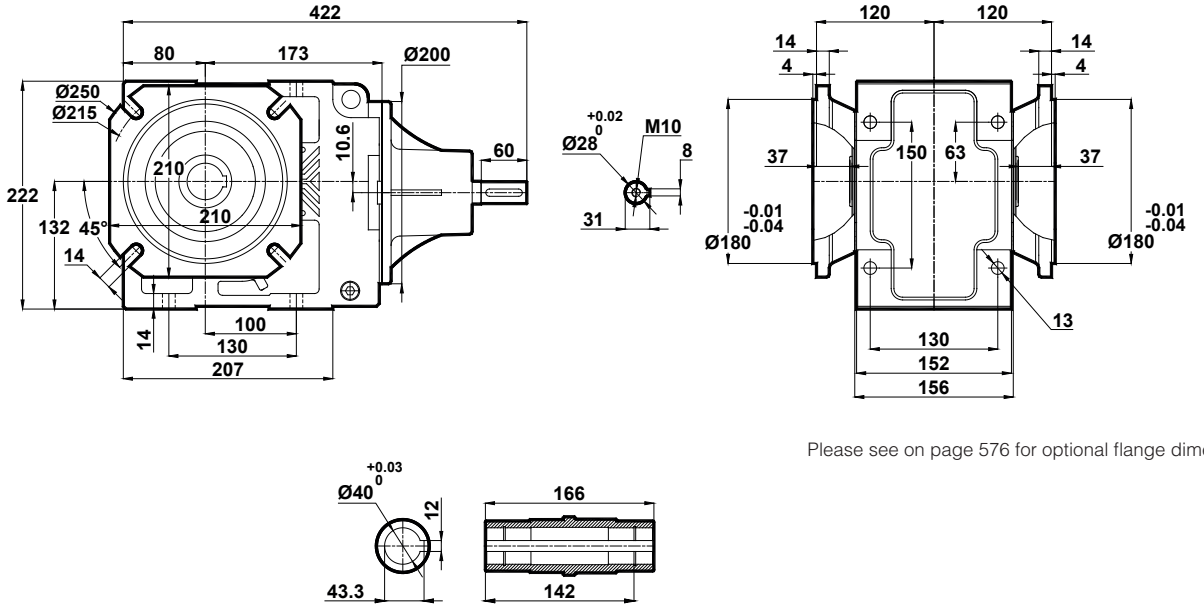
KT283.05



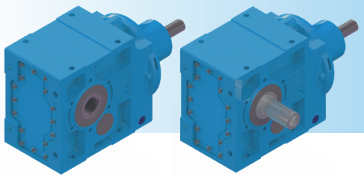
Please see on page 576 for optional flange dimensions

Tapped center hole to DIN 332, sheet 2

KT283.08

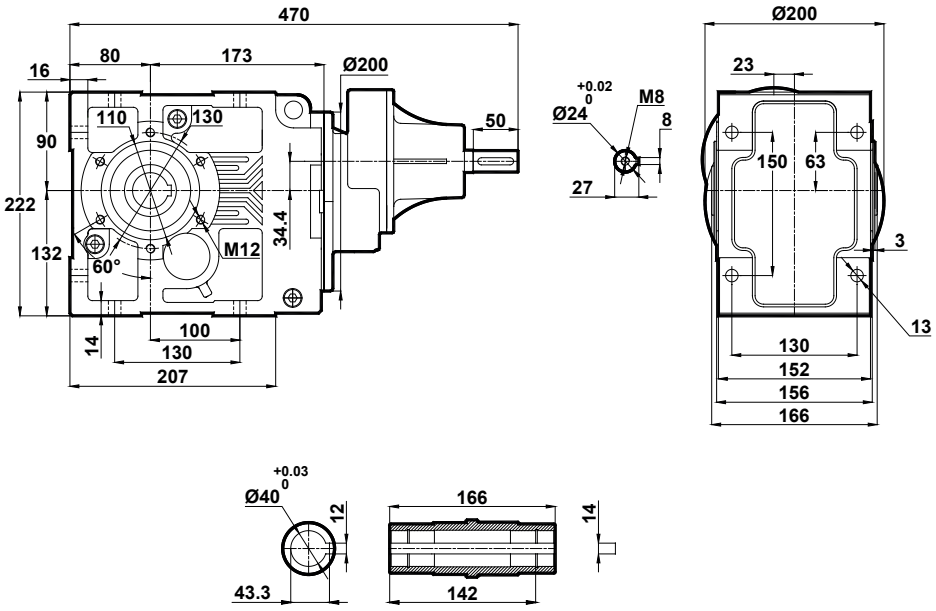


Please see on page 576 for optional flange dimensions

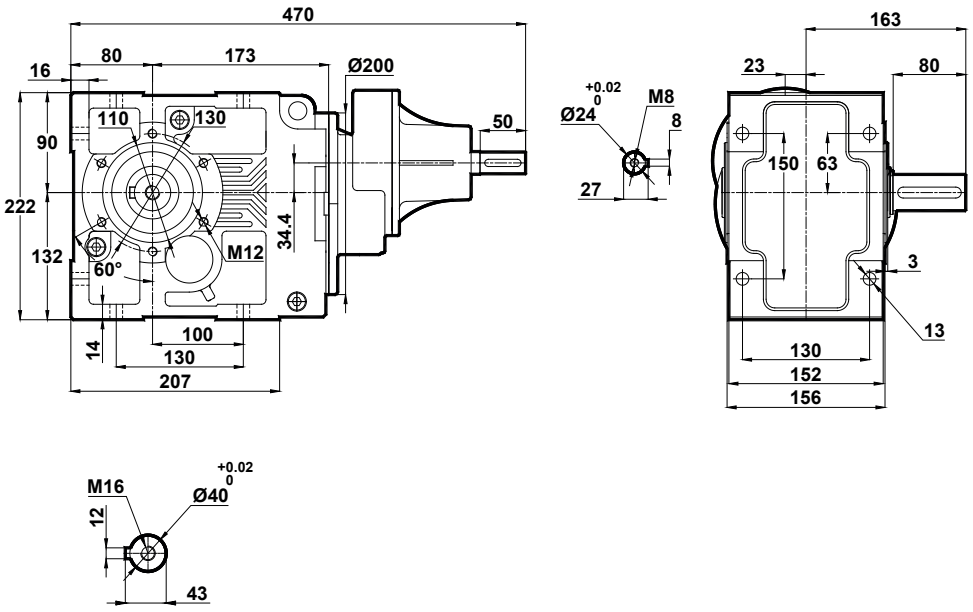


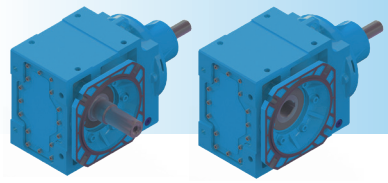
Tapped center hole to DIN 332, sheet 2

KT284.00



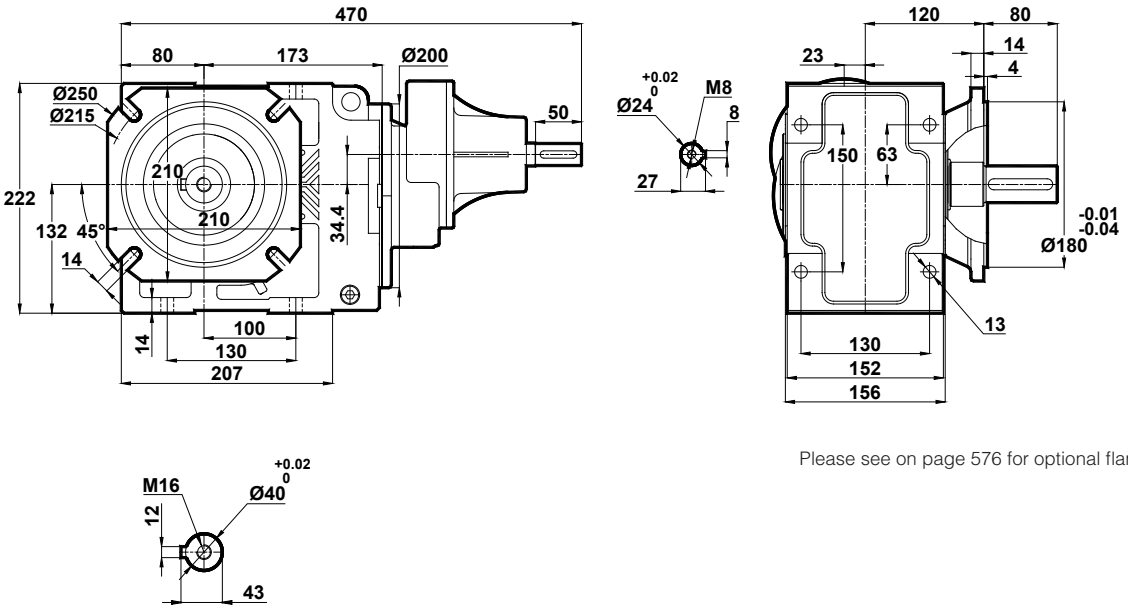
KT284.01





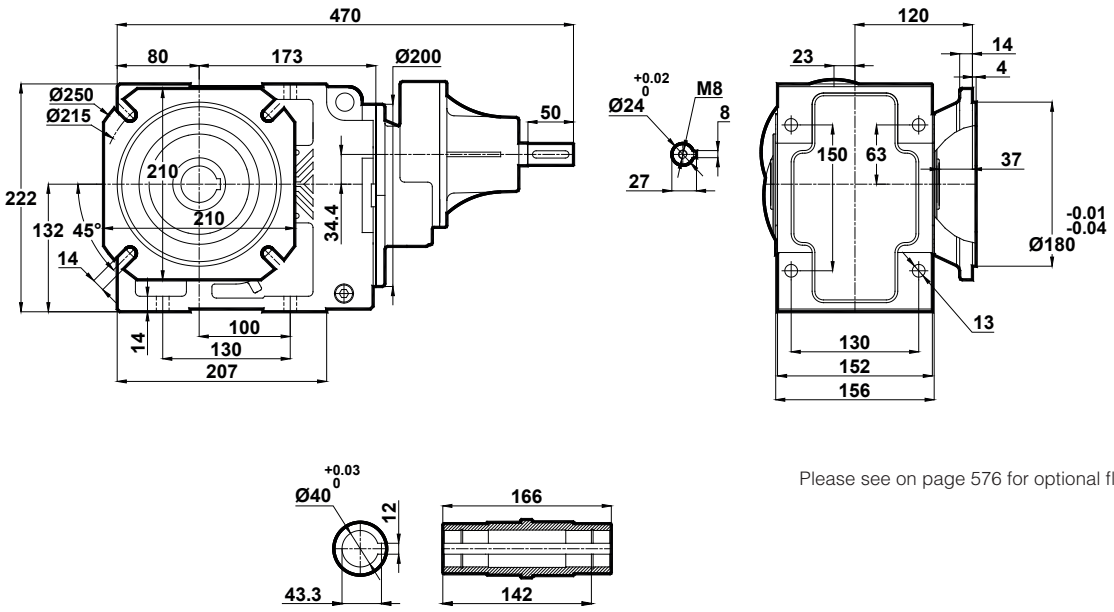
Tapped center hole to DIN 332, sheet 2

KT284.02

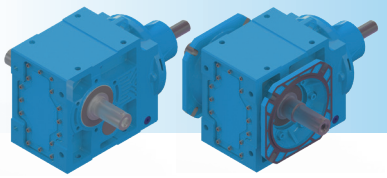


Please see on page 576 for optional flange dimensions

KT284.03

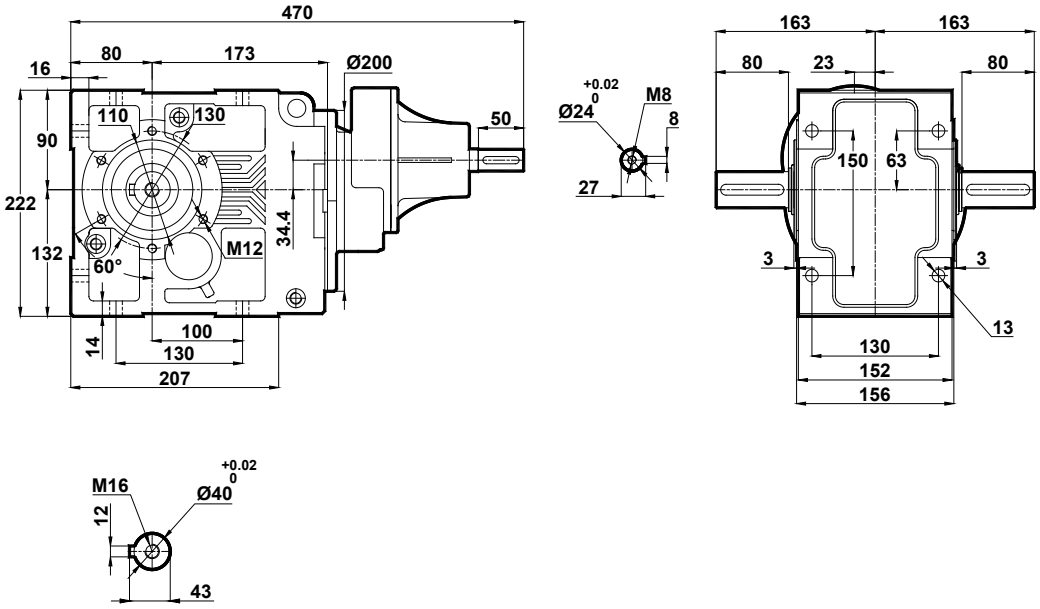


Please see on page 576 for optional flange dimensions

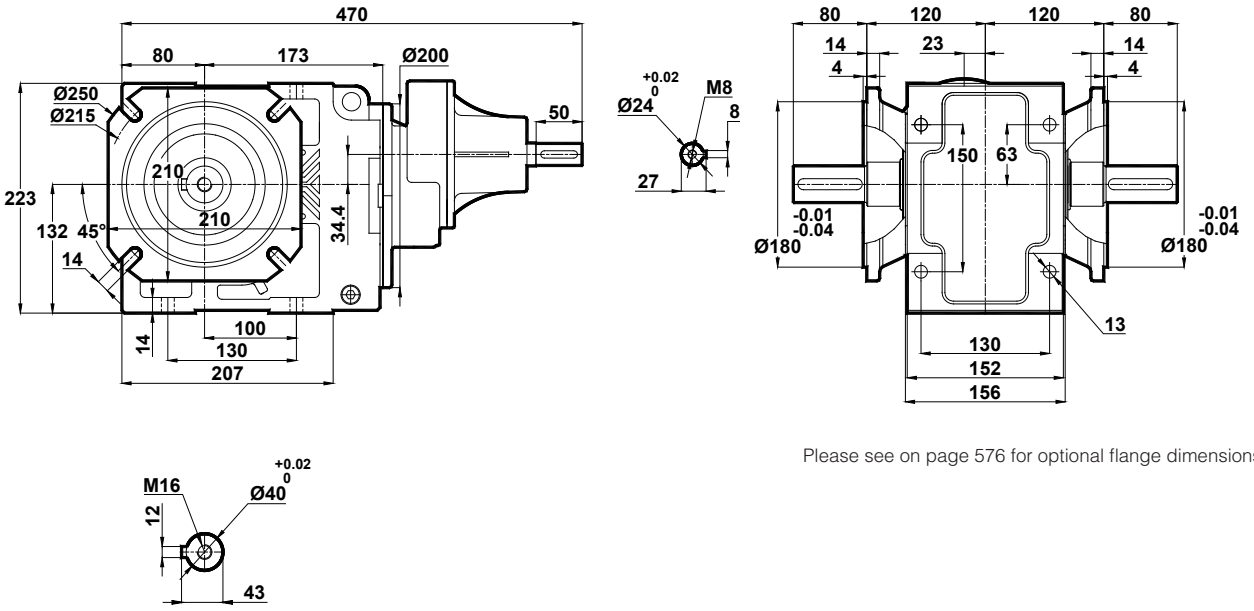


Tapped center hole to DIN 332, sheet 2

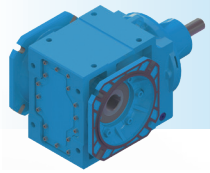
KT284.04



KT284.05

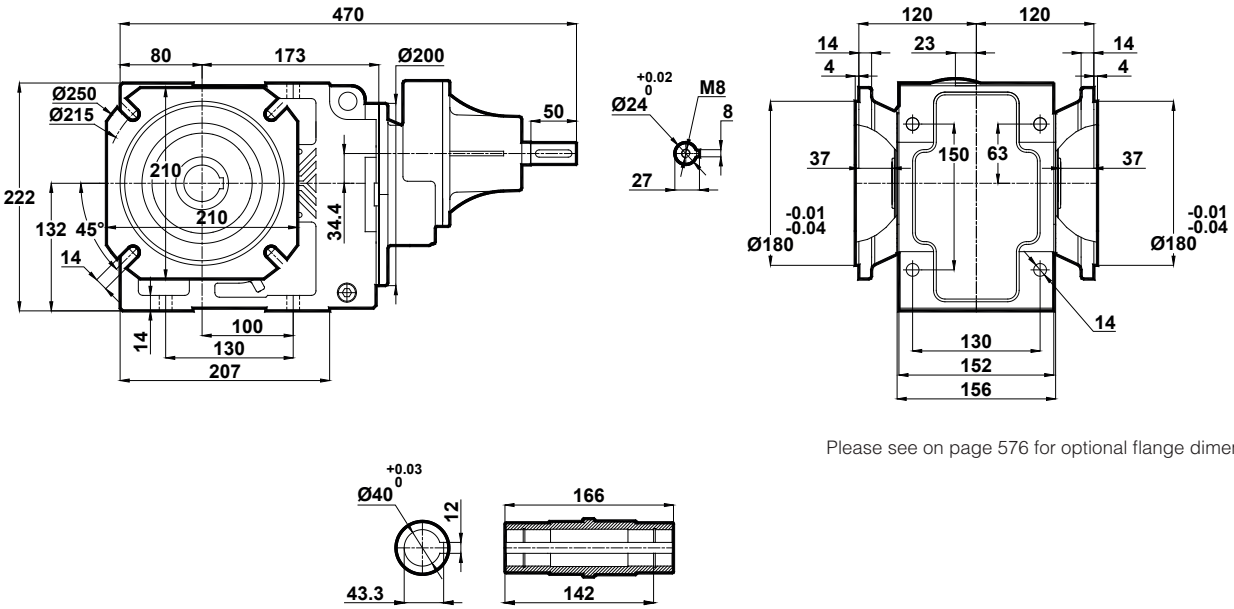


Please see on page 576 for optional flange dimensions

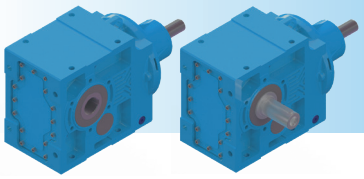


Tapped center hole to DIN 332, sheet 2

KT284.08

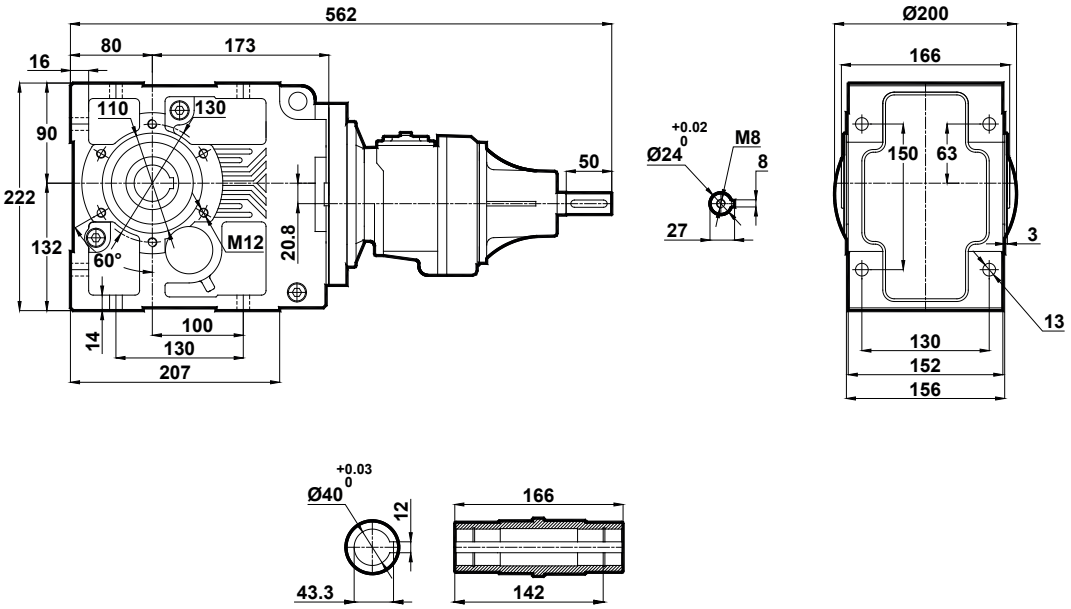


Please see on page 576 for optional flange dimensions

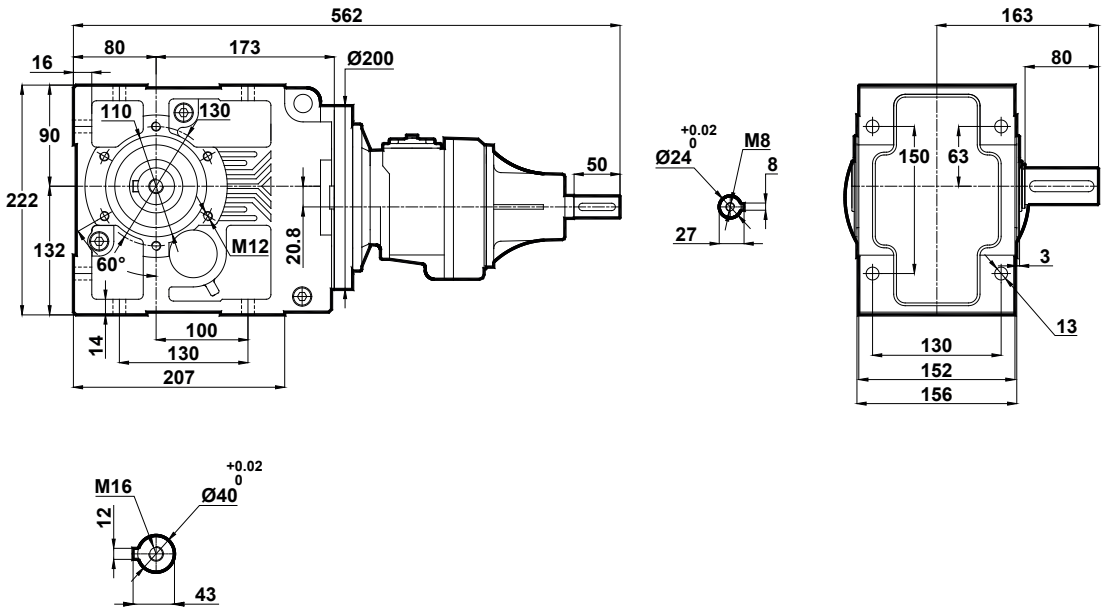


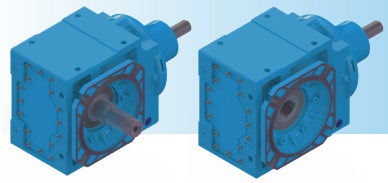
Tapped center hole to DIN 332, sheet 2

KT285.00
KT286.00



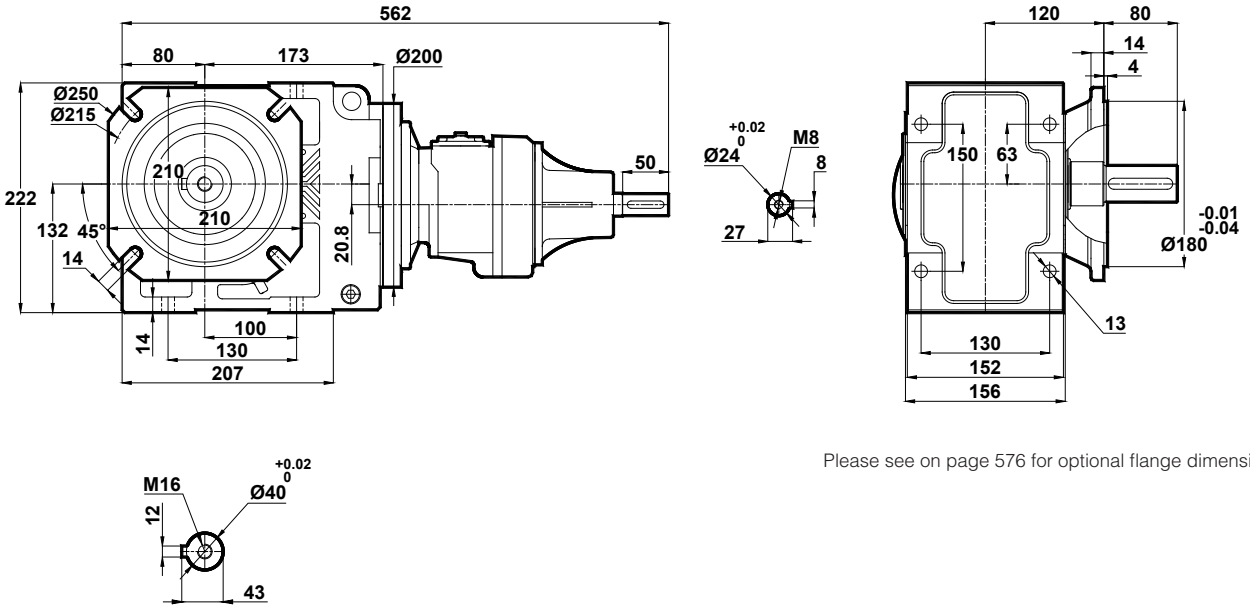
KT285.01
KT286.01





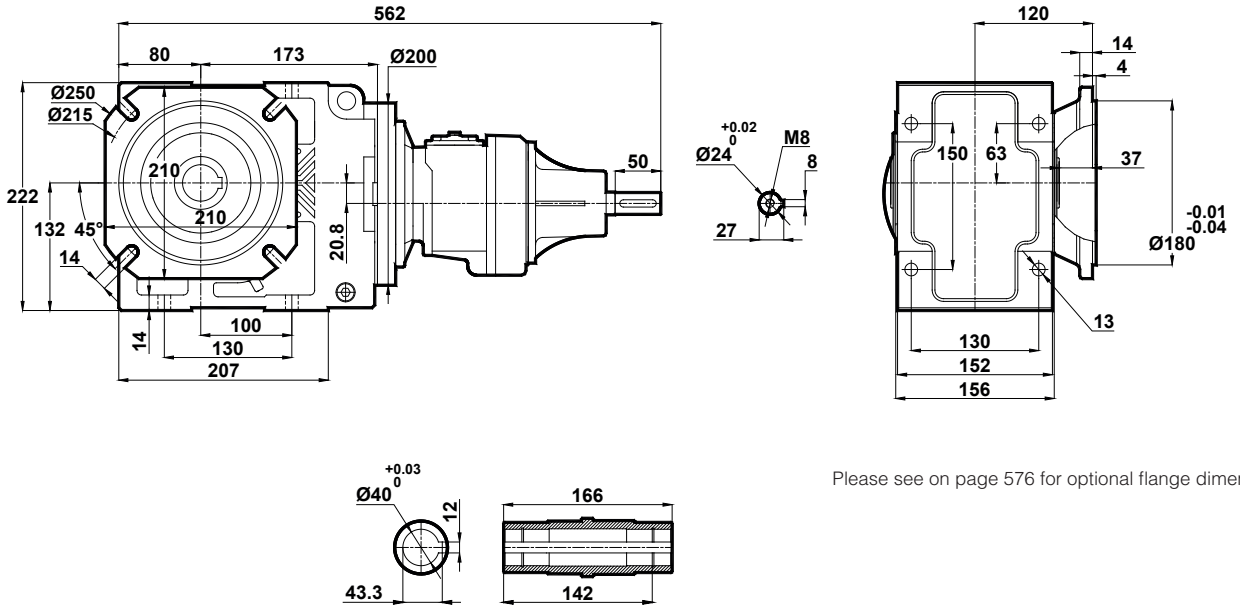
Tapped center hole to DIN 332, sheet 2

KT285.02
KT286.02

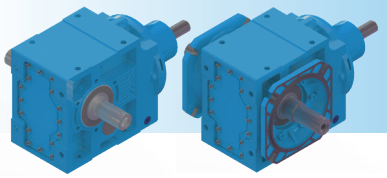


Please see on page 576 for optional flange dimensions

KT285.03
KT286.03

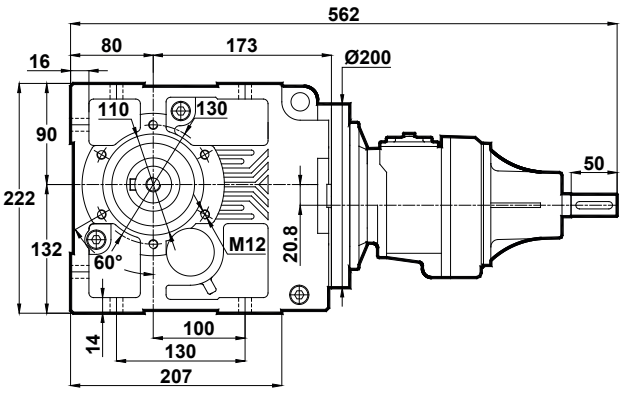


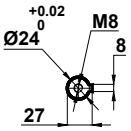
Please see on page 576 for optional flange dimensions

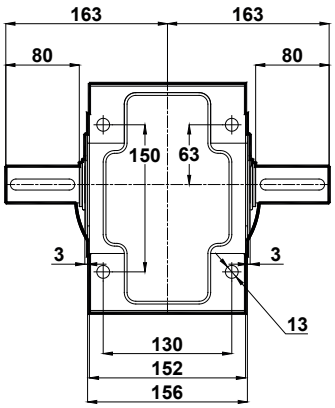


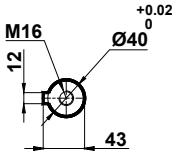
Tapped center hole to DIN 332, sheet 2

KT285.04
KT286.04

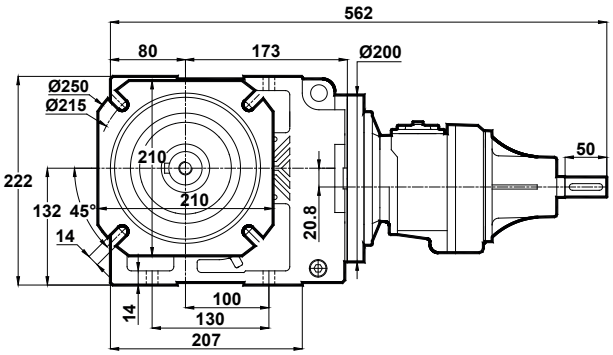


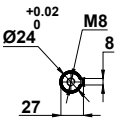


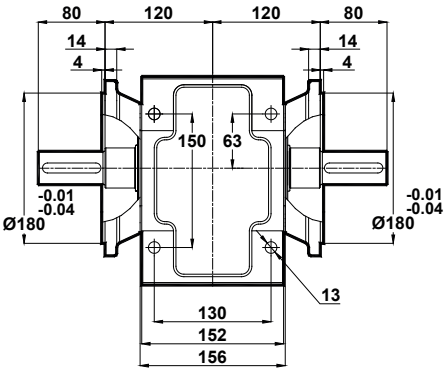


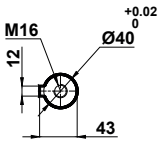


KT285.05
KT286.05

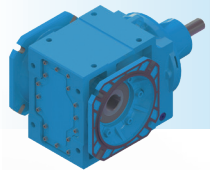






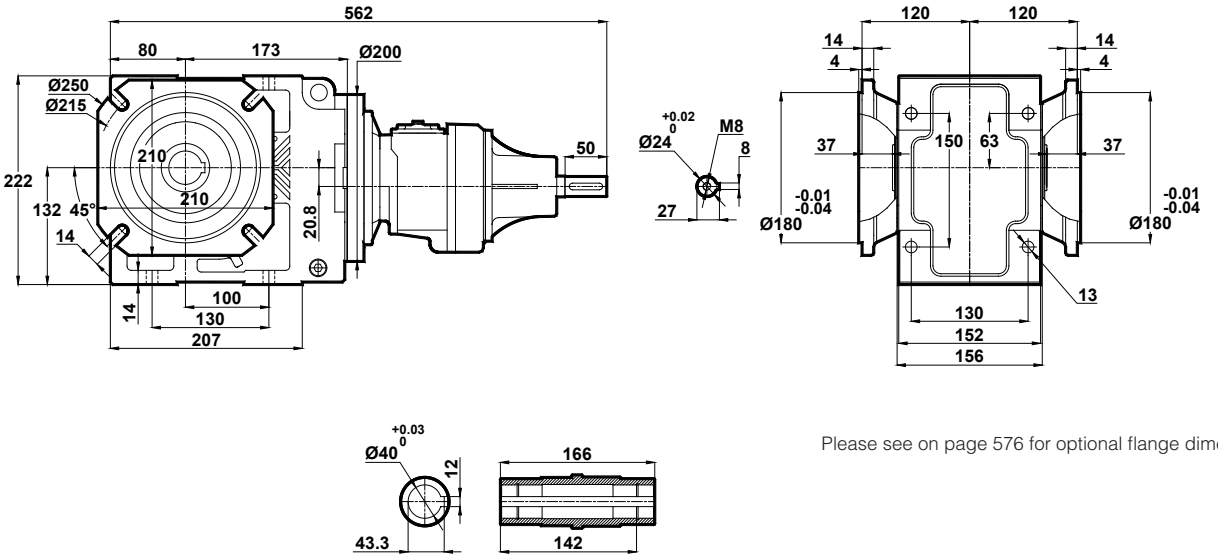


Please see on page 576 for optional flange dimensions

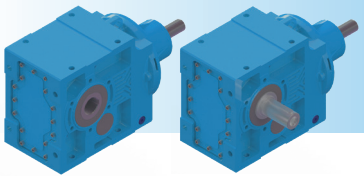


Tapped center hole to DIN 332, sheet 2

KT285.08
KT286.08

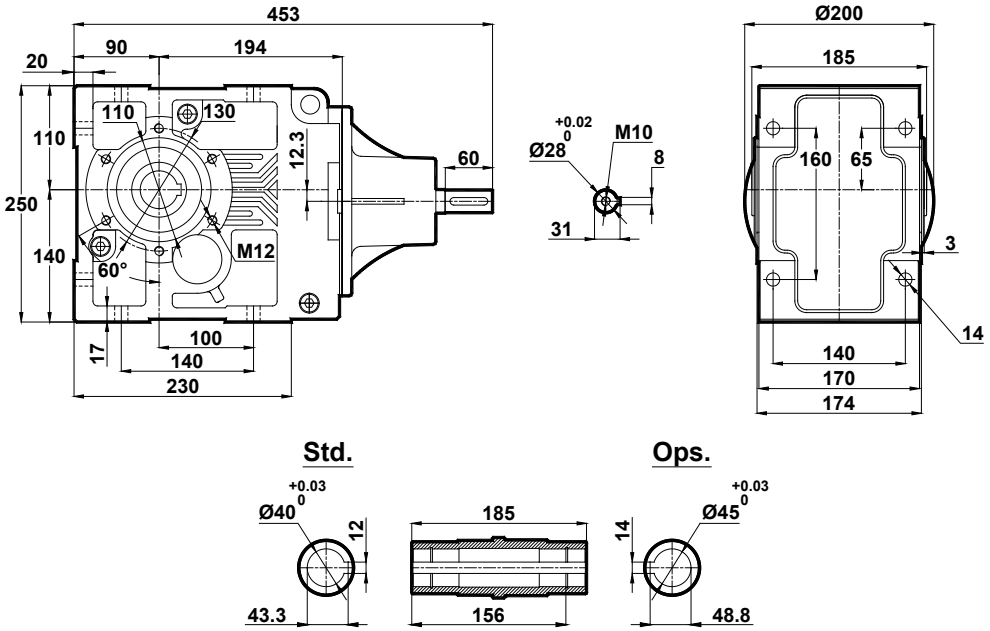


Please see on page 576 for optional flange dimensions

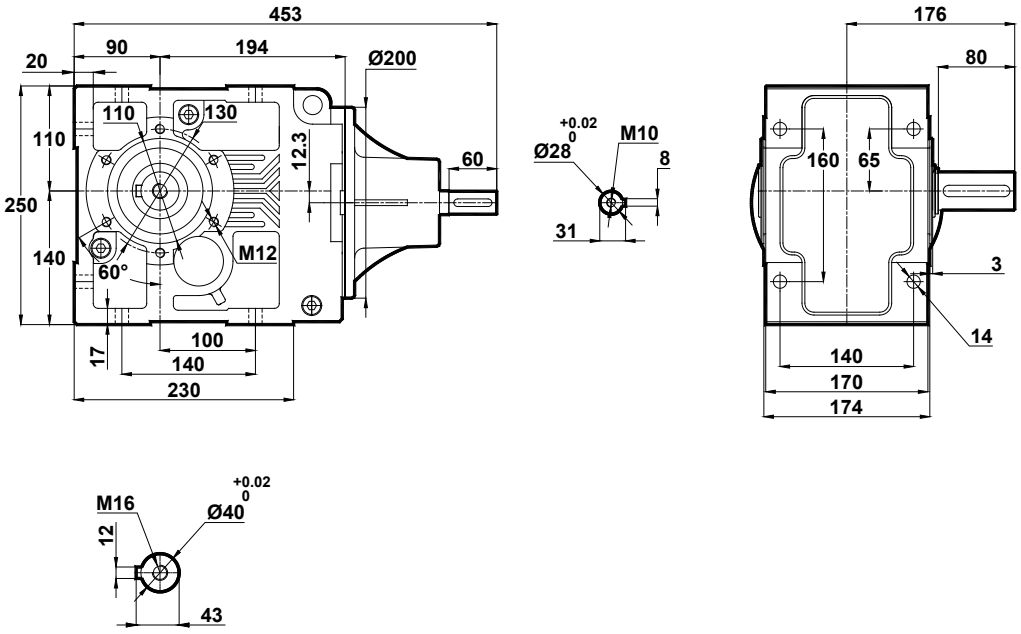


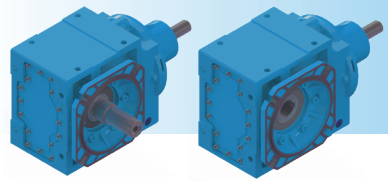
Tapped center hole to DIN 332, sheet 2

KT373.00



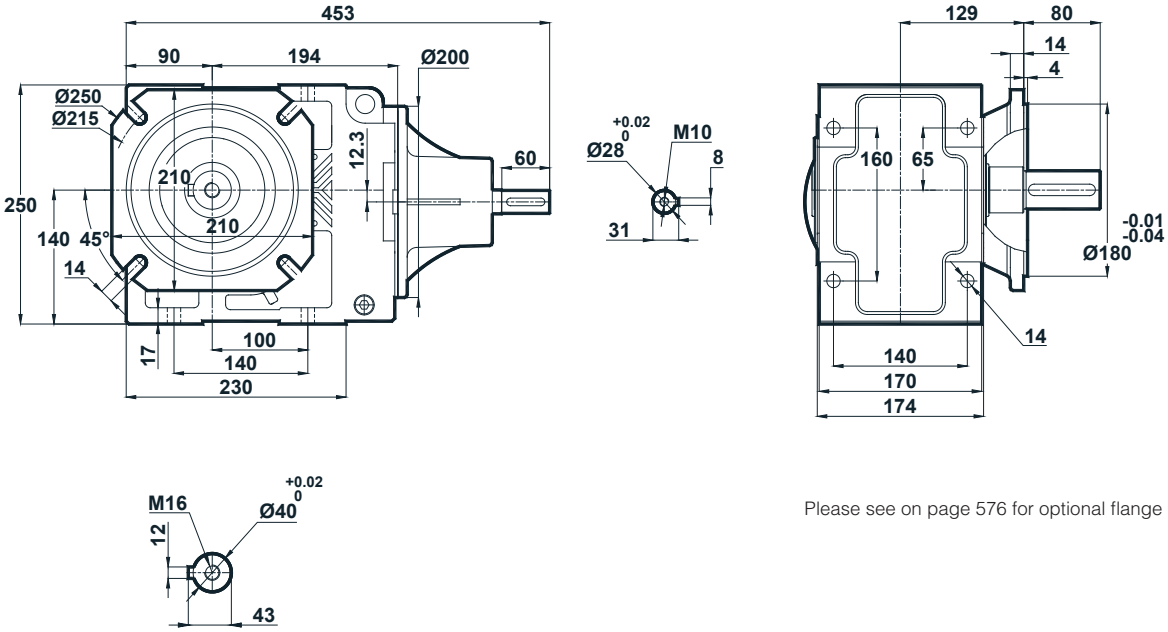
KT373.01





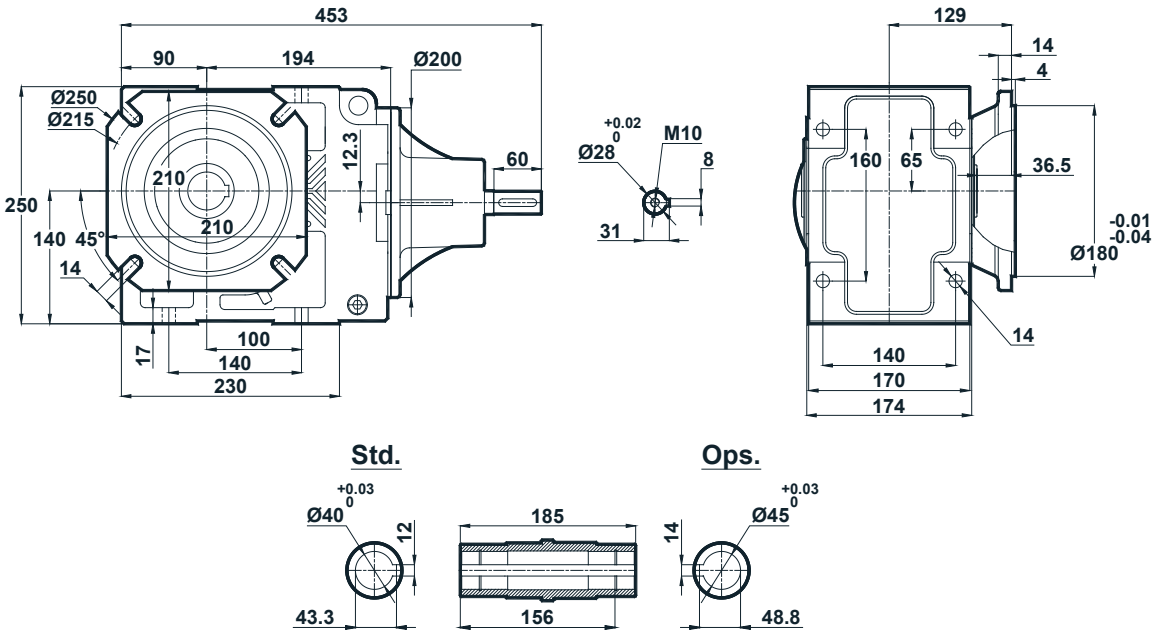
Tapped center hole to DIN 332, sheet 2

KT373.02

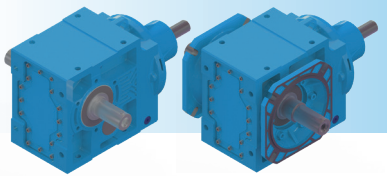


Please see on page 576 for optional flange dimensions

KT373.03

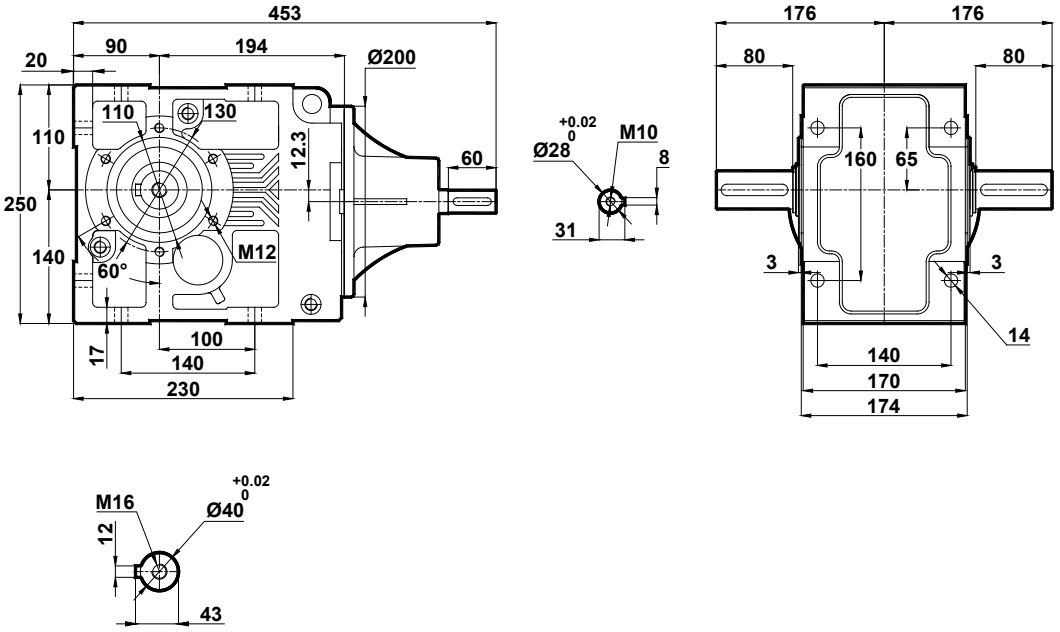


Please see on page 576 for optional flange dimensions

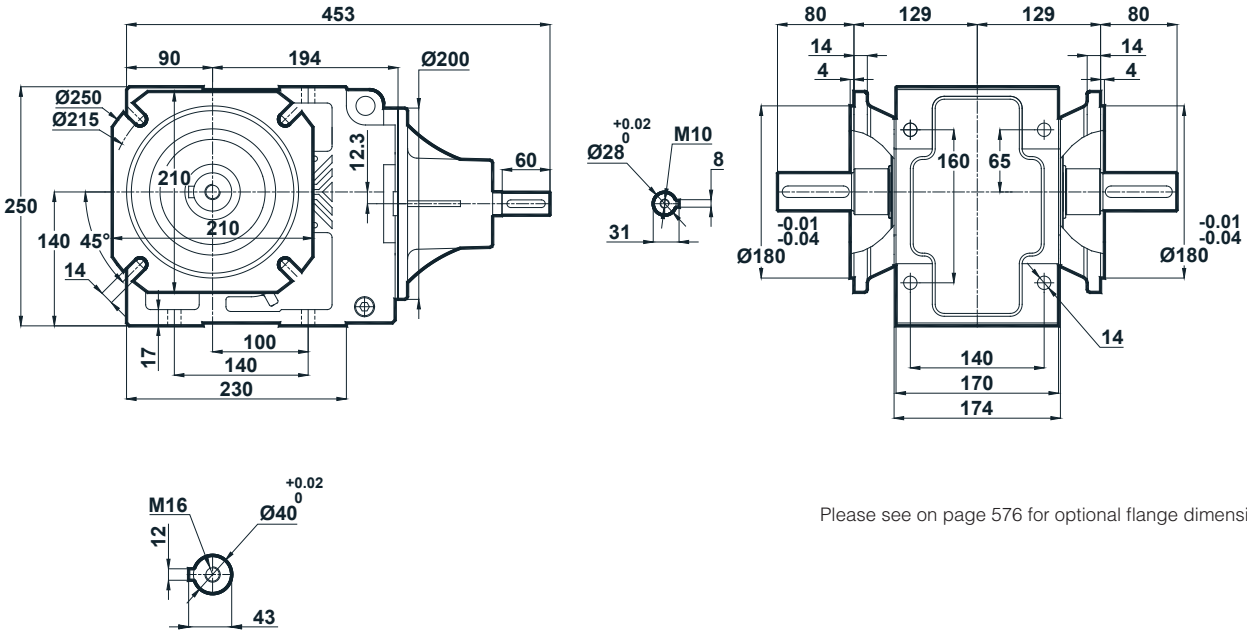


Tapped center hole to DIN 332, sheet 2

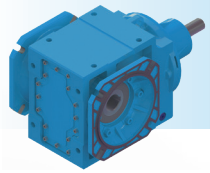
KT373.04



KT373.05

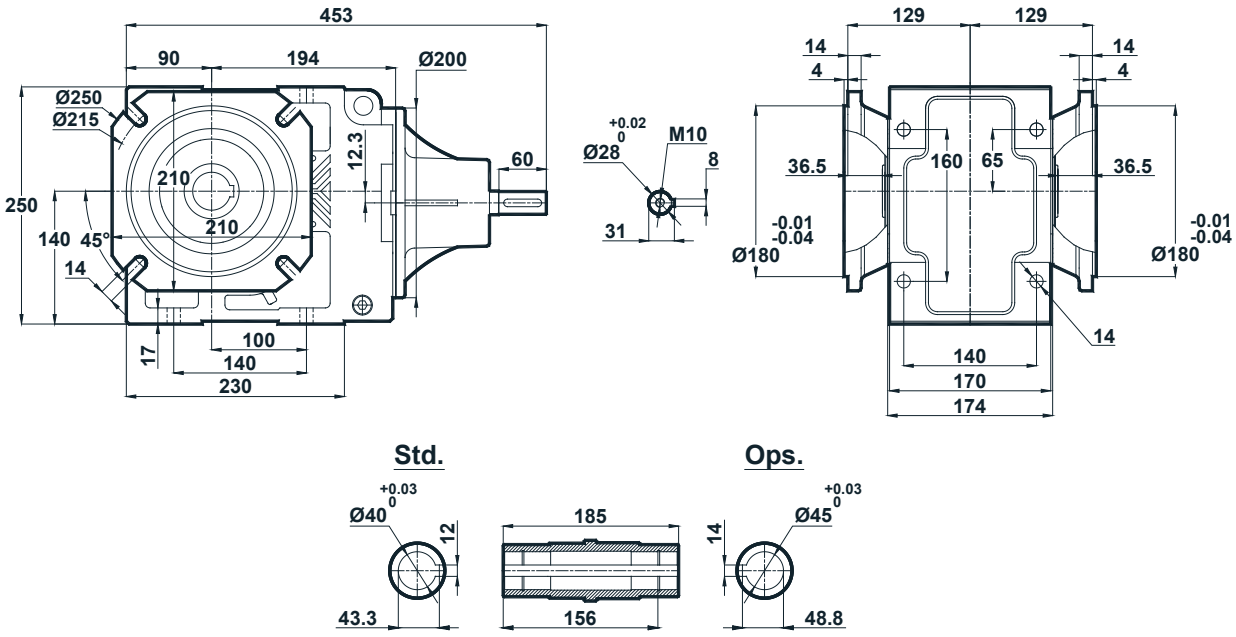


Please see on page 576 for optional flange dimensions

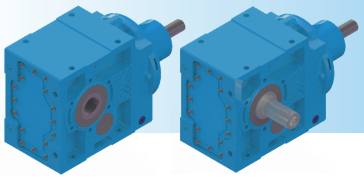


Tapped center hole to DIN 332, sheet 2

KT373.08

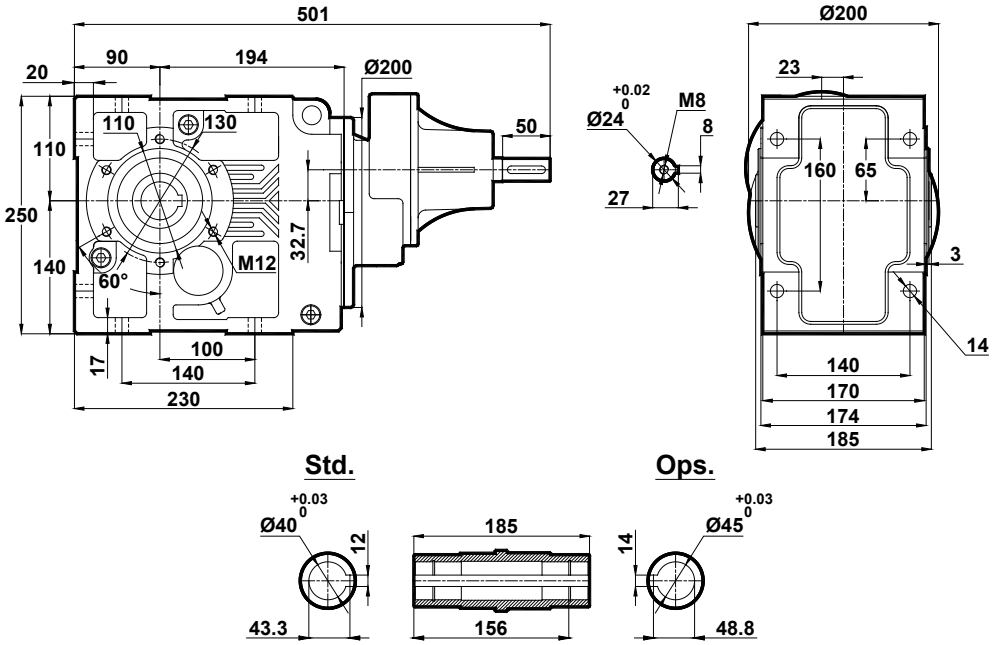


Please see on page 576 for optional flange dimensions

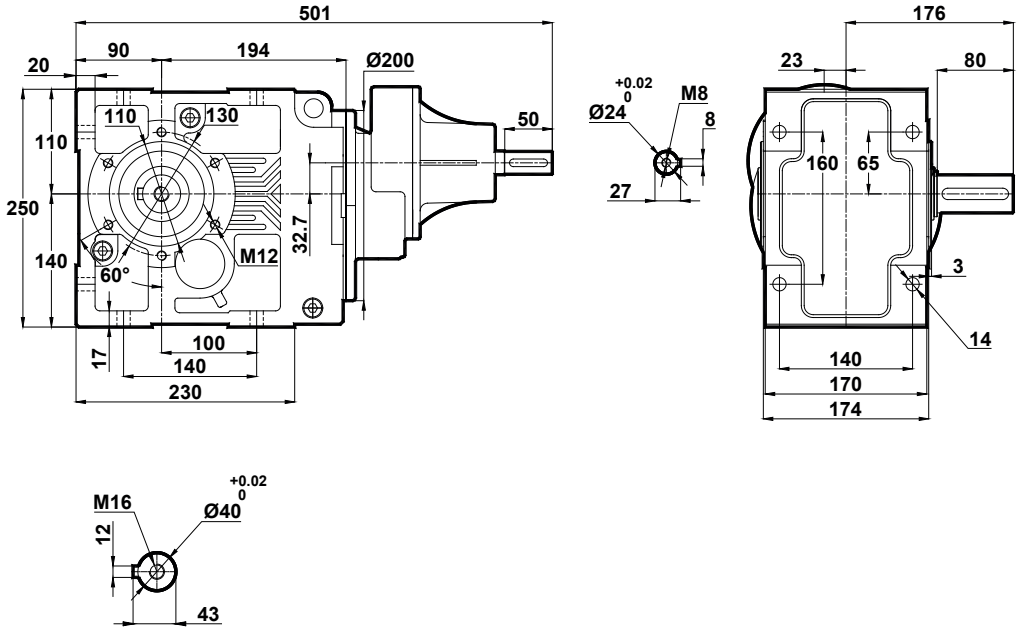


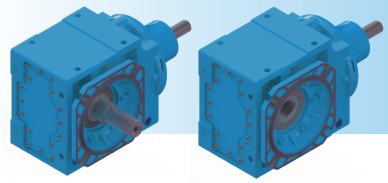
Tapped center hole to DIN 332, sheet 2

KT374.00



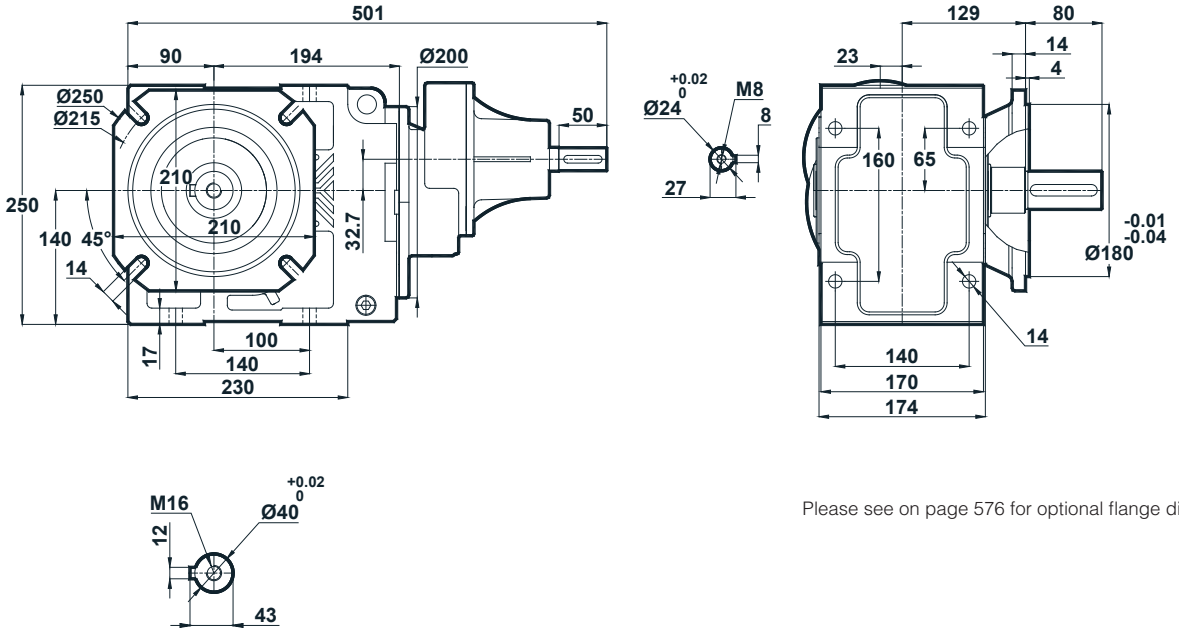
KT374.01





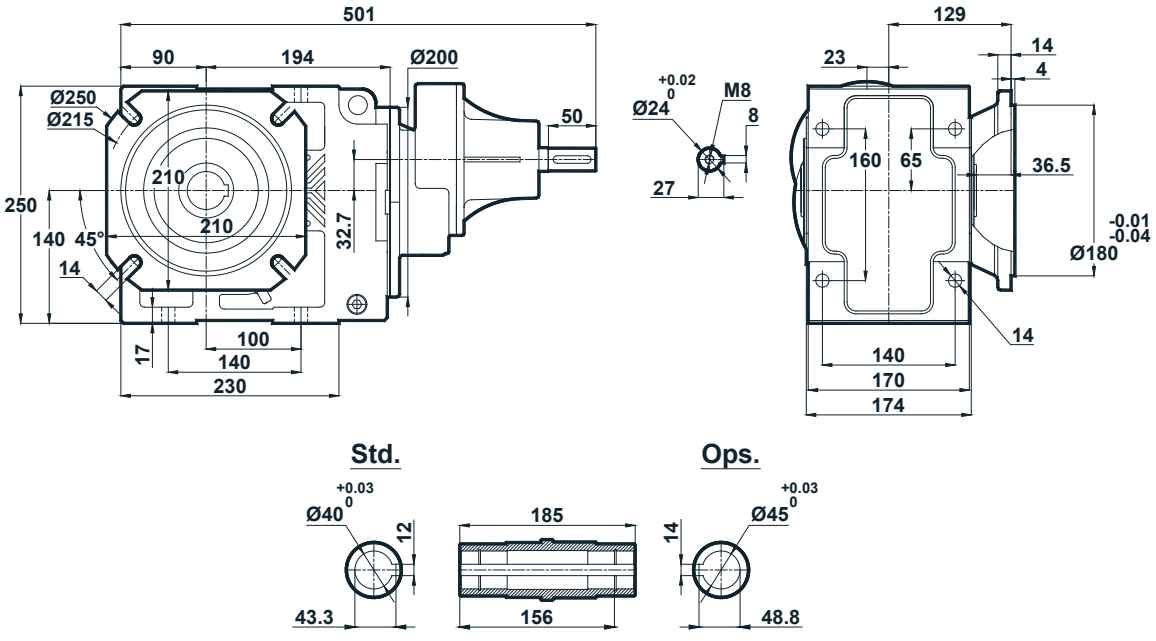
Tapped center hole to DIN 332, sheet 2

KT374.02

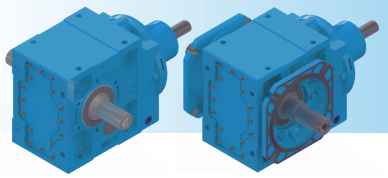


Please see on page 576 for optional flange dimensions

KT374.03

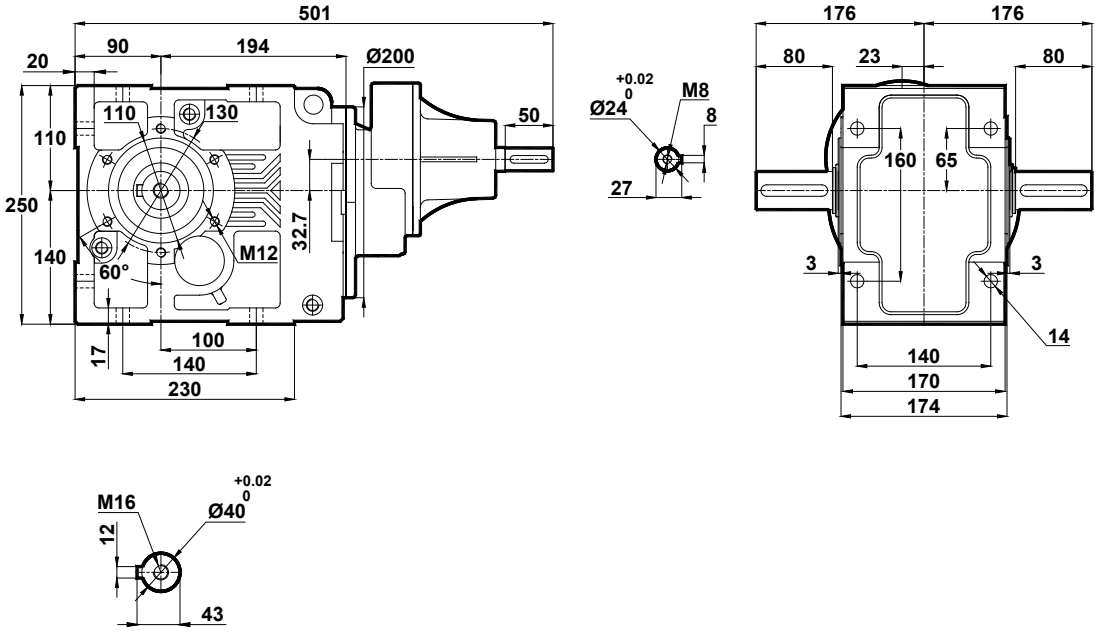


Please see on page 576 for optional flange dimensions

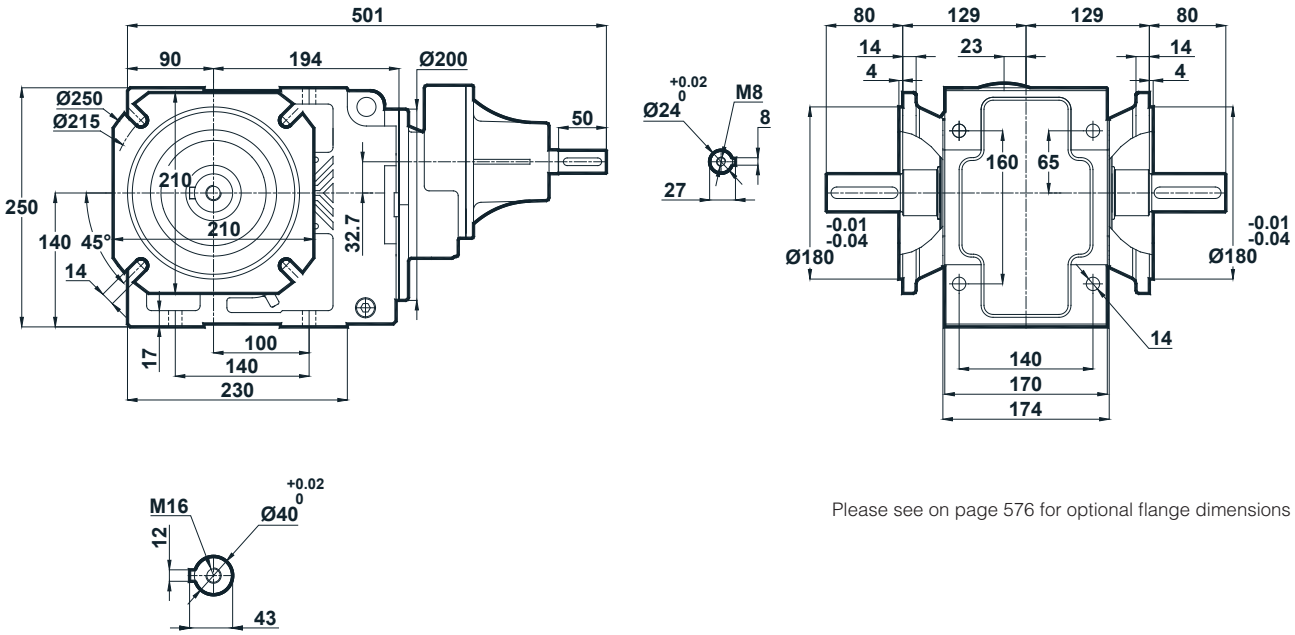


Tapped center hole to DIN 332, sheet 2

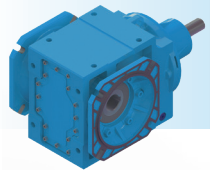
KT374.04



KT374.05

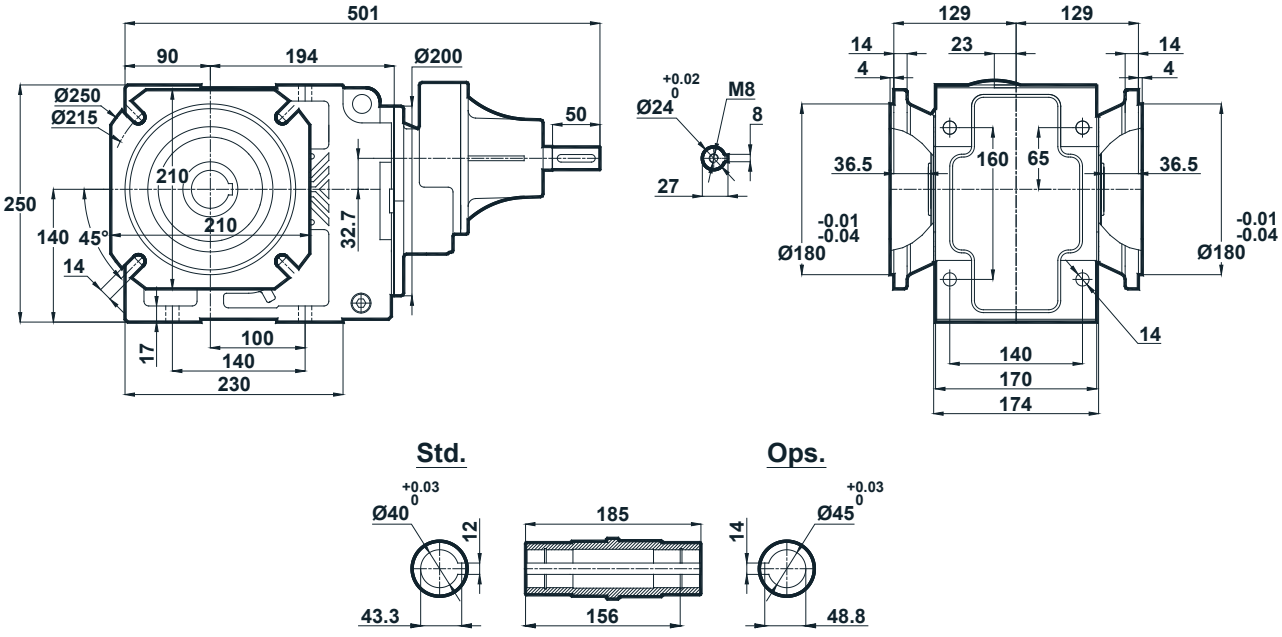


Please see on page 576 for optional flange dimensions

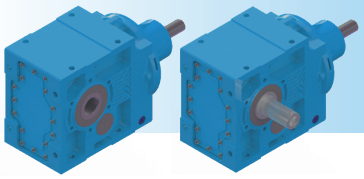


Tapped center hole to DIN 332, sheet 2

KT374.08

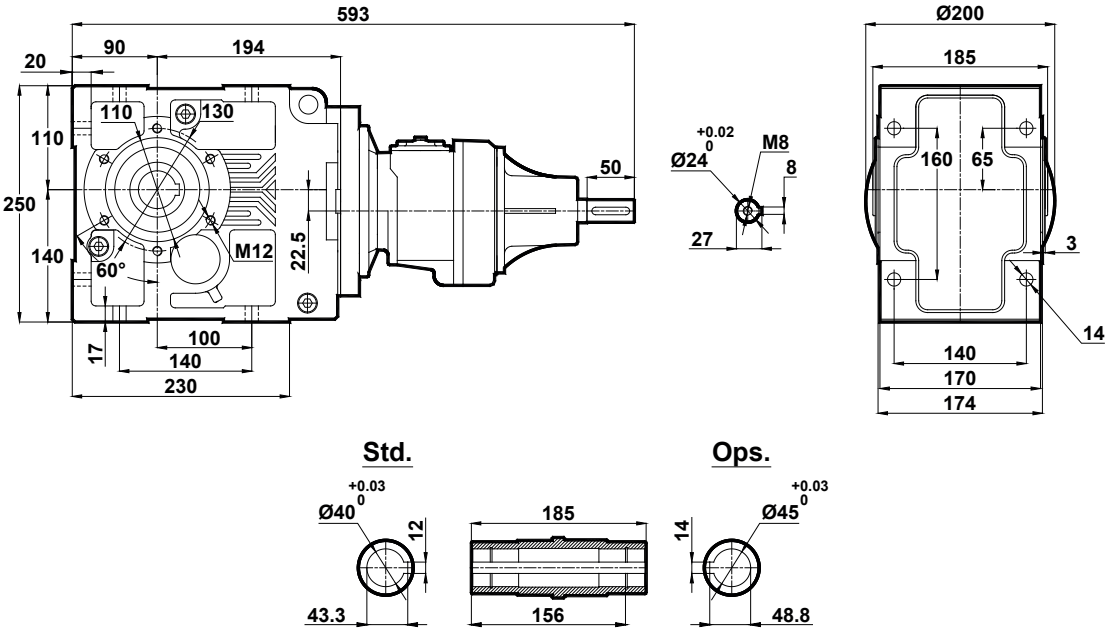


Please see on page 576 for optional flange dimensions

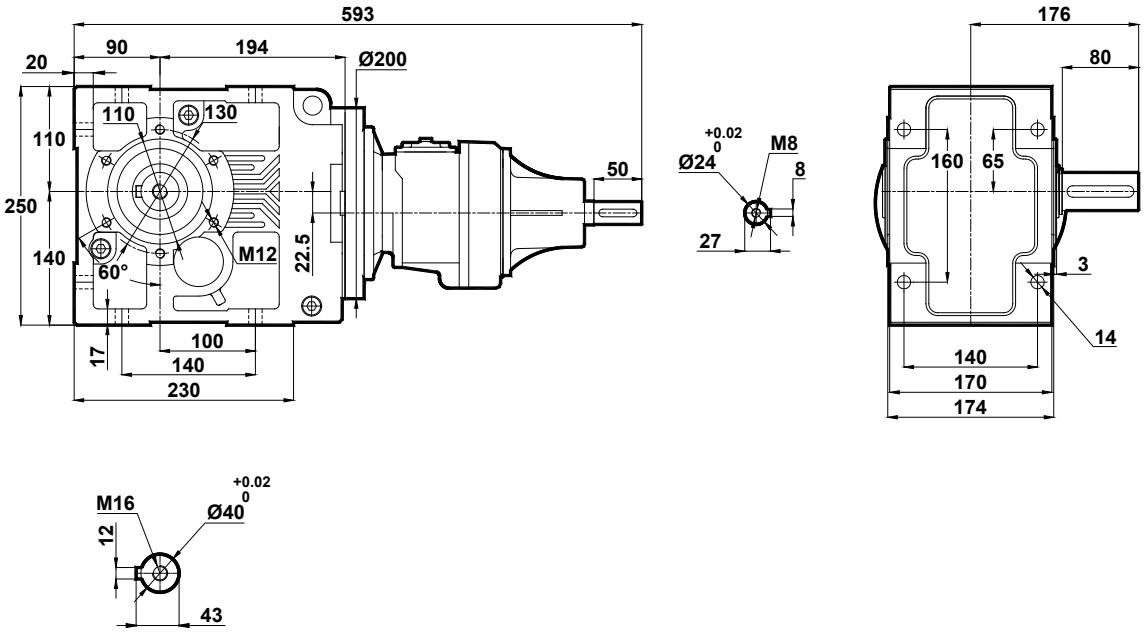


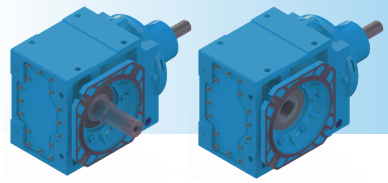
Tapped center hole to DIN 332, sheet 2

KT375.00
KT376.00



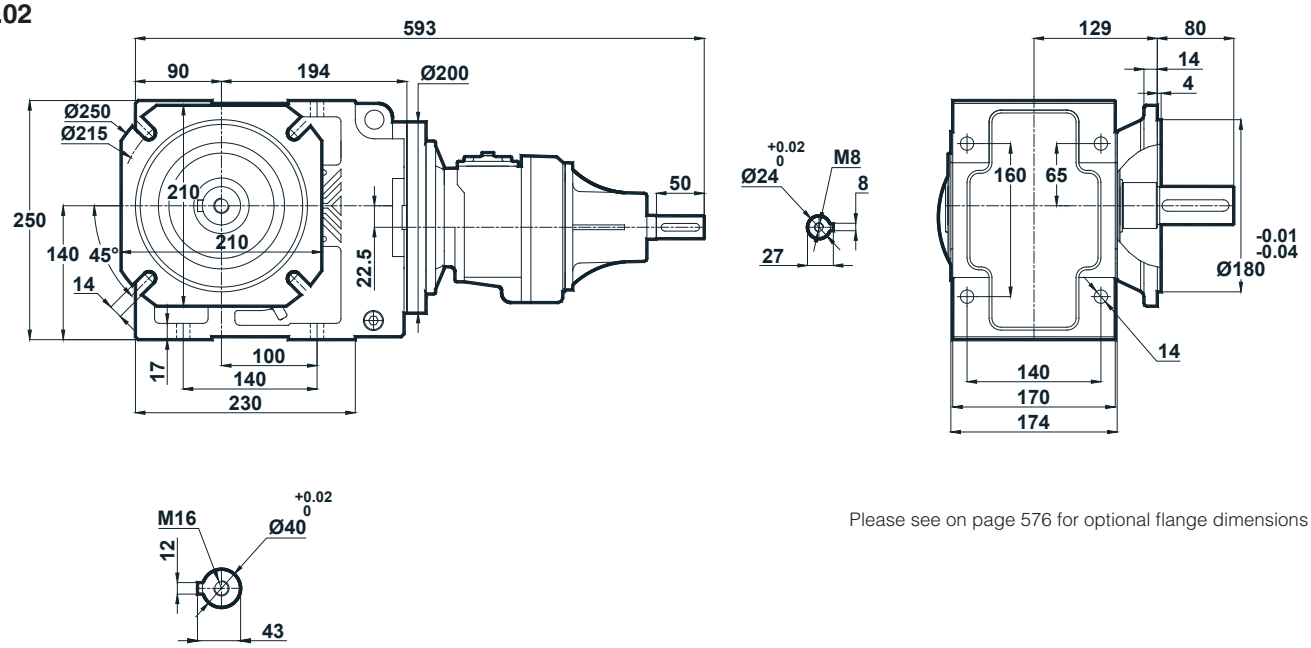
KT375.01
KT376.01





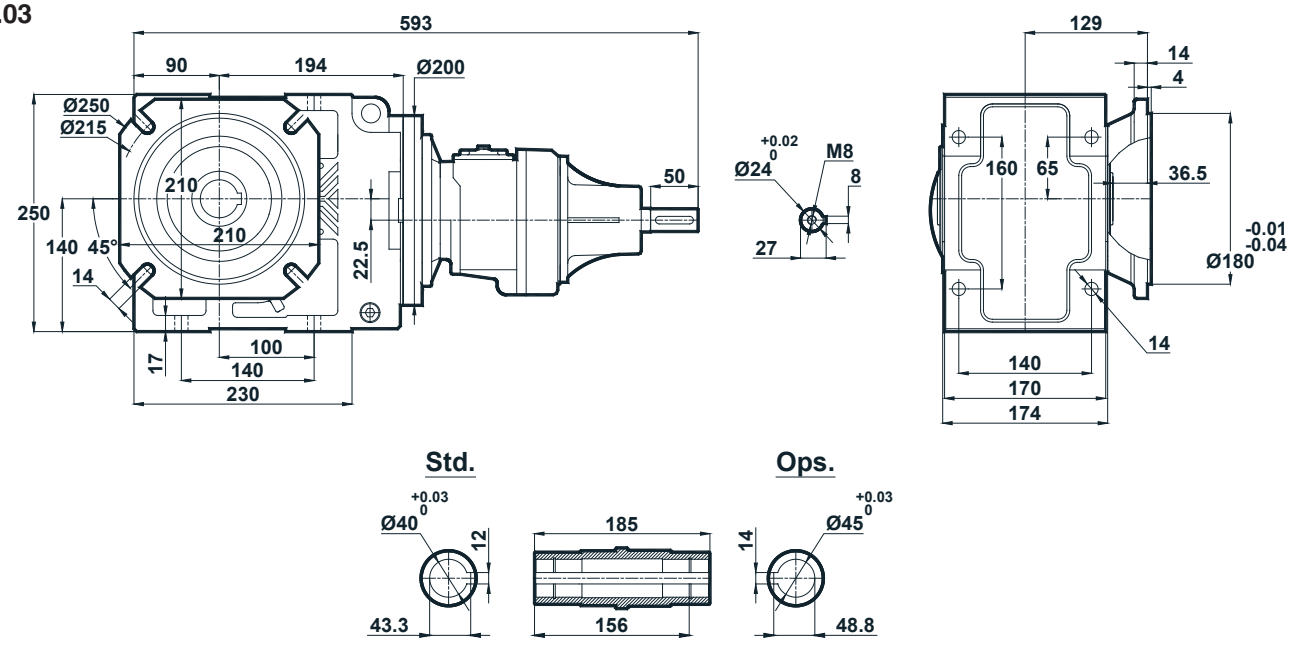
Tapped center hole to DIN 332, sheet 2

KT375.02
KT376.02

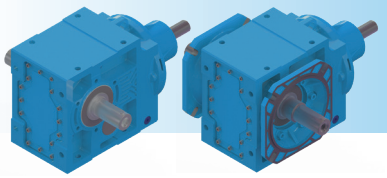


Please see on page 576 for optional flange dimensions

KT375.03
KT376.03

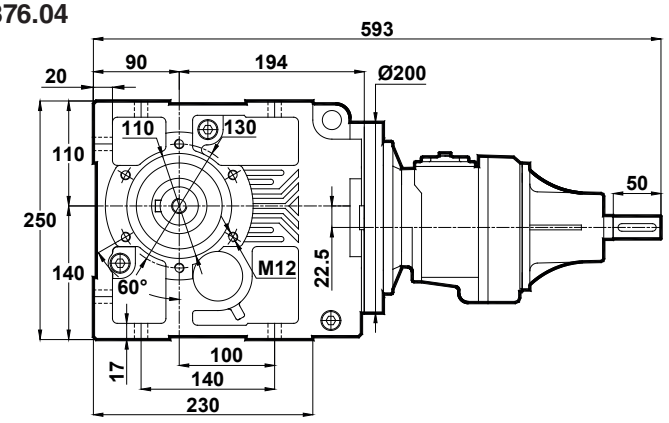


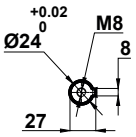
Please see on page 576 for optional flange dimensions

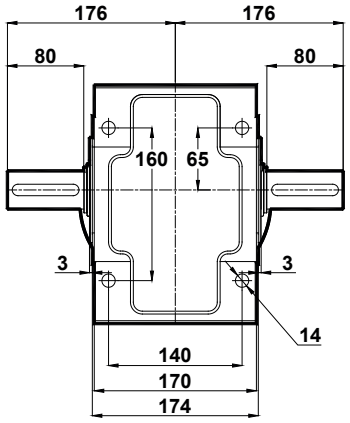


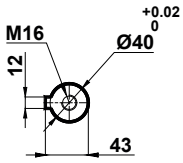
Tapped center hole to DIN 332, sheet 2

KT375.04
KT376.04

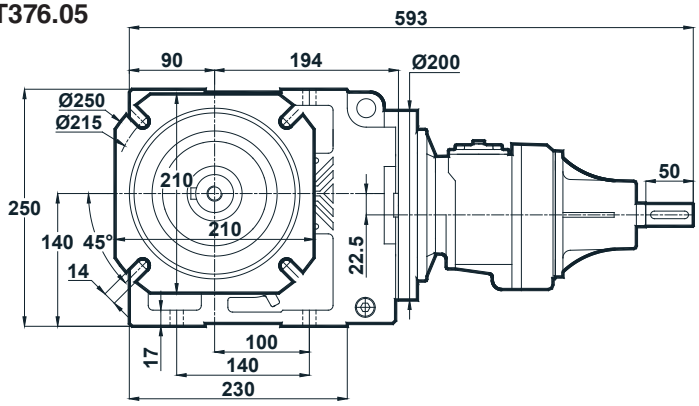


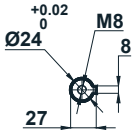


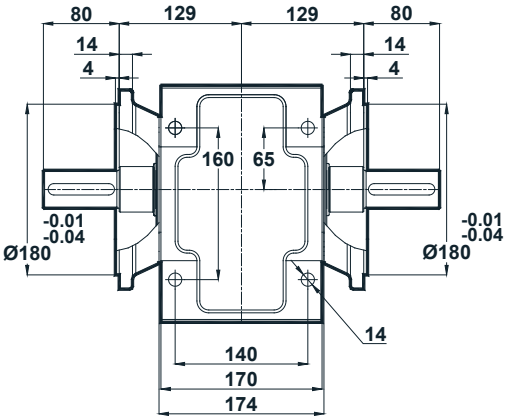


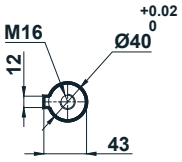


KT375.05
KT376.05

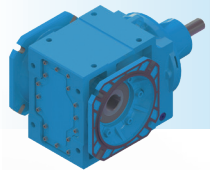






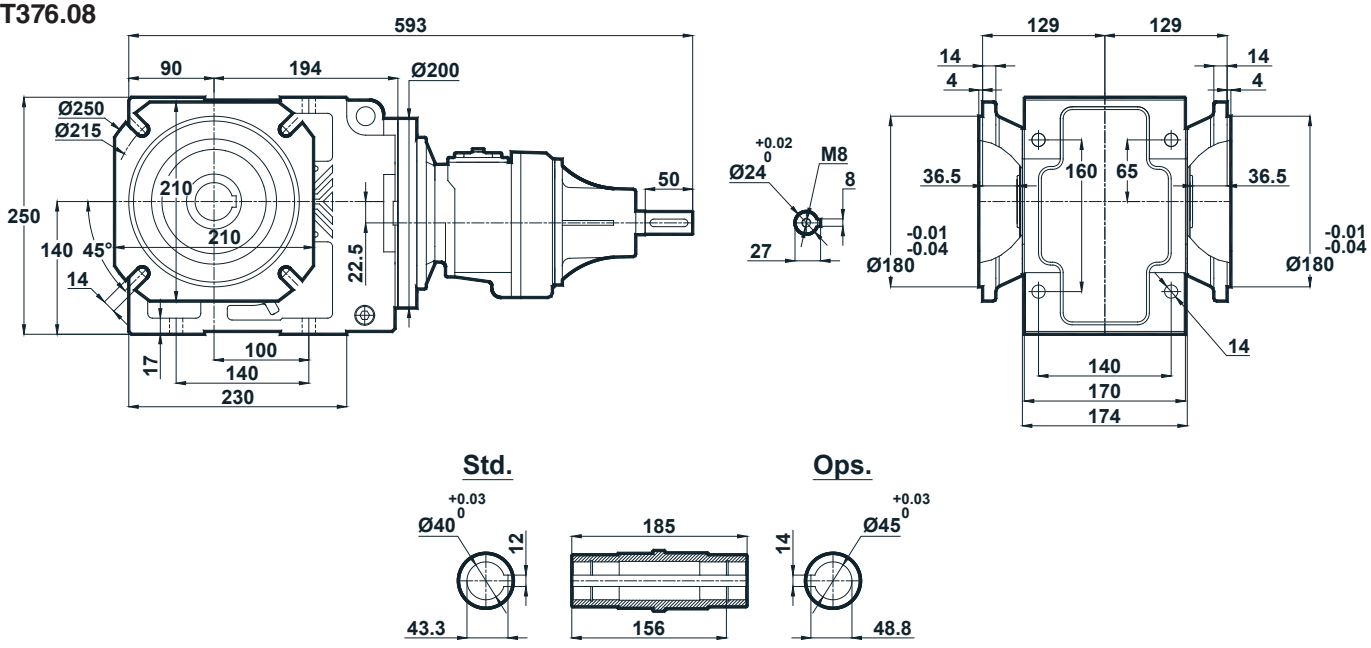


Please see on page 576 for optional flange dimensions

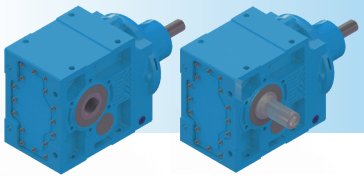


Tapped center hole to DIN 332, sheet 2

KT375.08
KT376.08

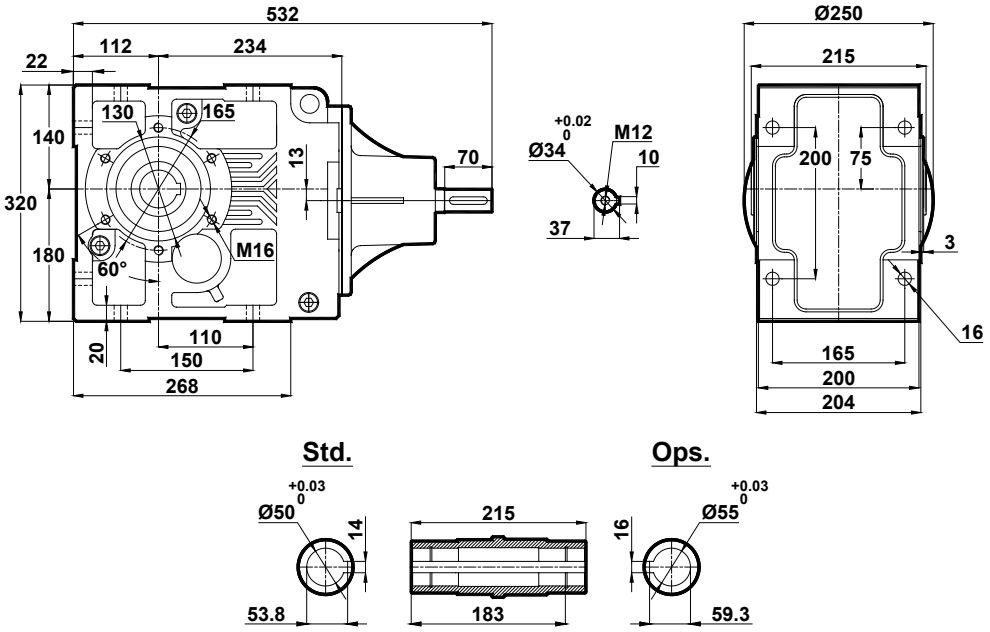


Please see on page 576 for optional flange dimensions

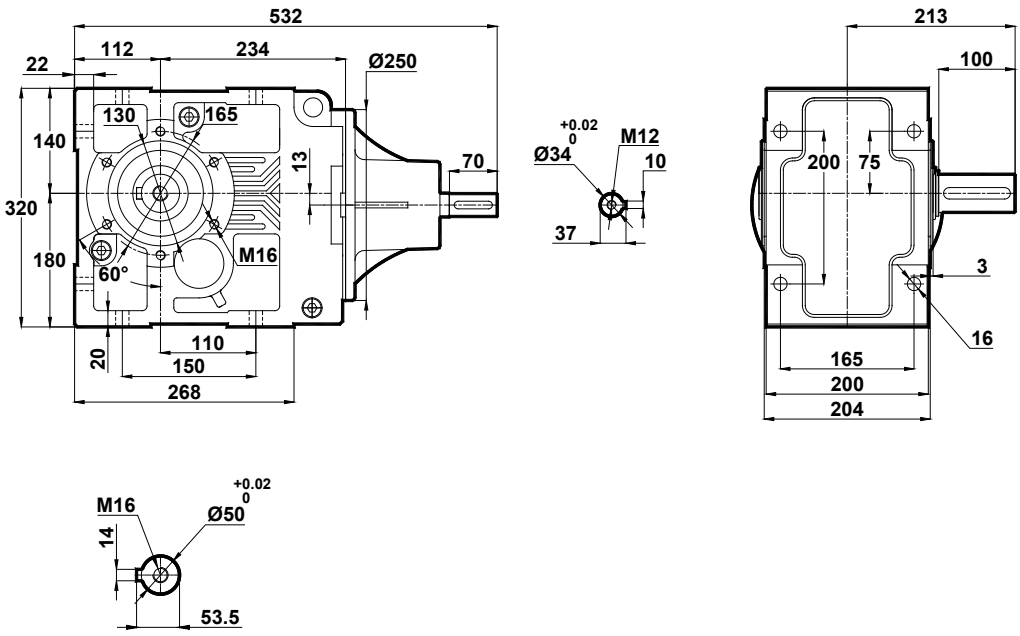


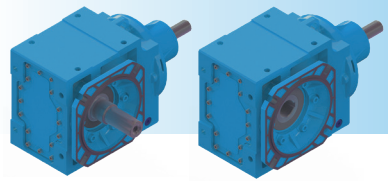
Tapped center hole to DIN 332, sheet 2

KT473.00



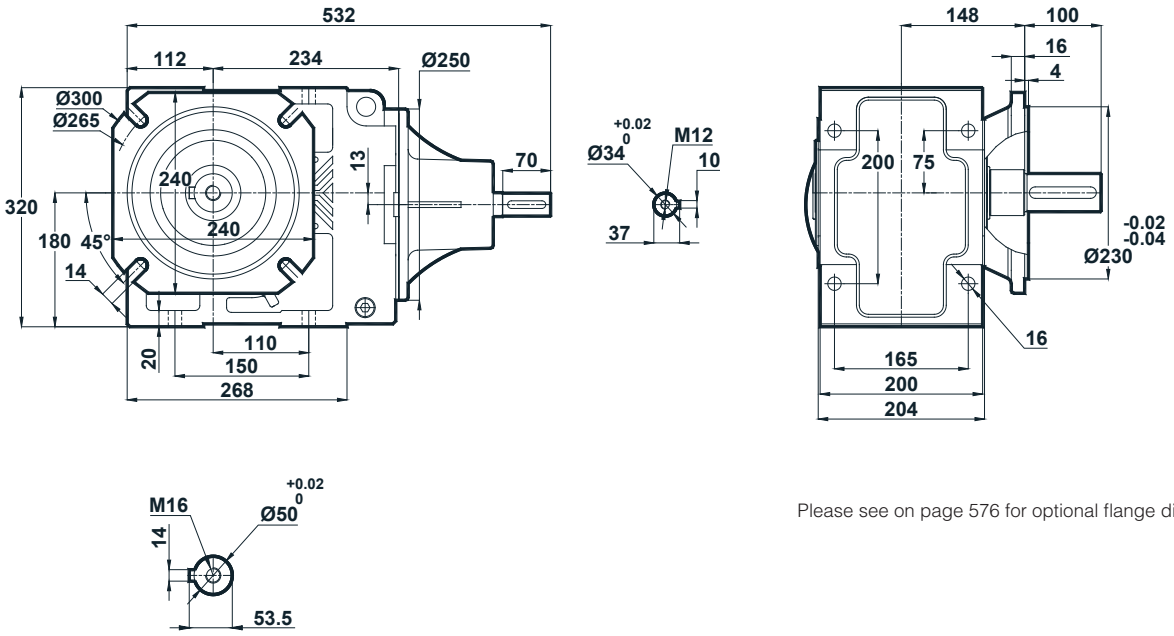
KT473.01





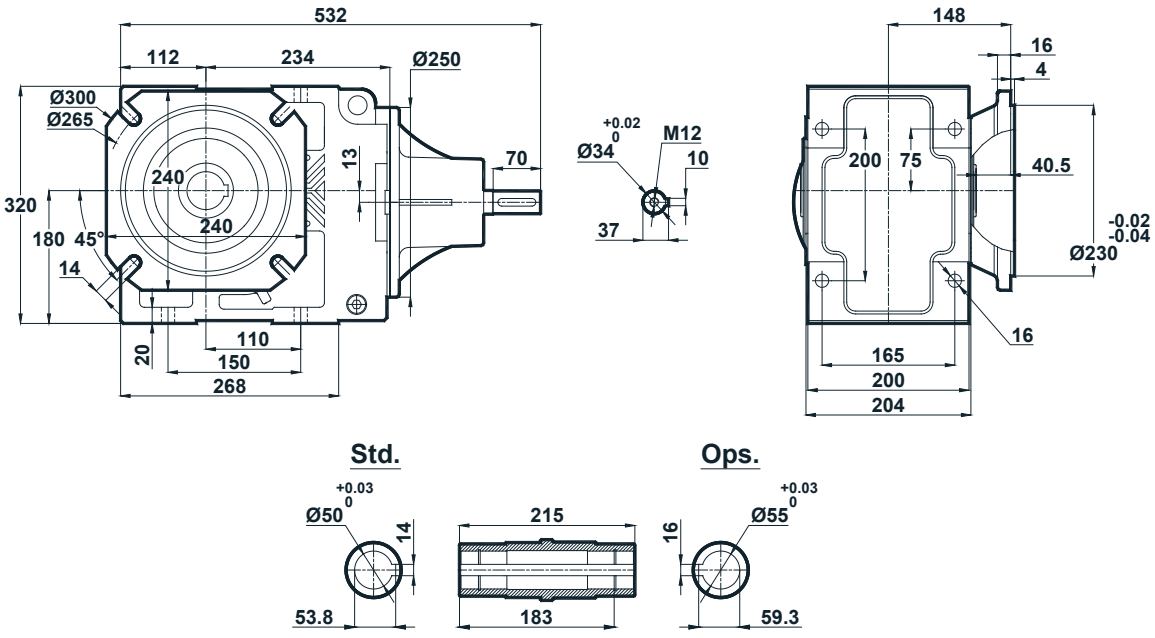
Tapped center hole to DIN 332, sheet 2

KT473.02

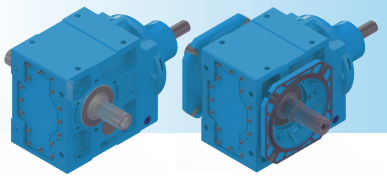


Please see on page 576 for optional flange dimensions

KT473.03

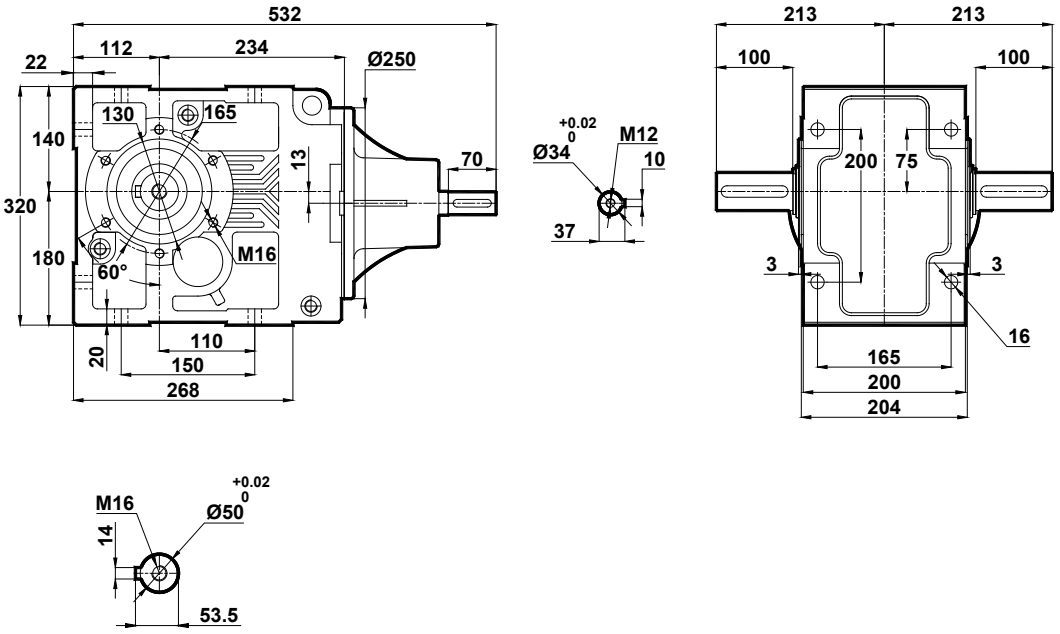


Please see on page 576 for optional flange dimensions

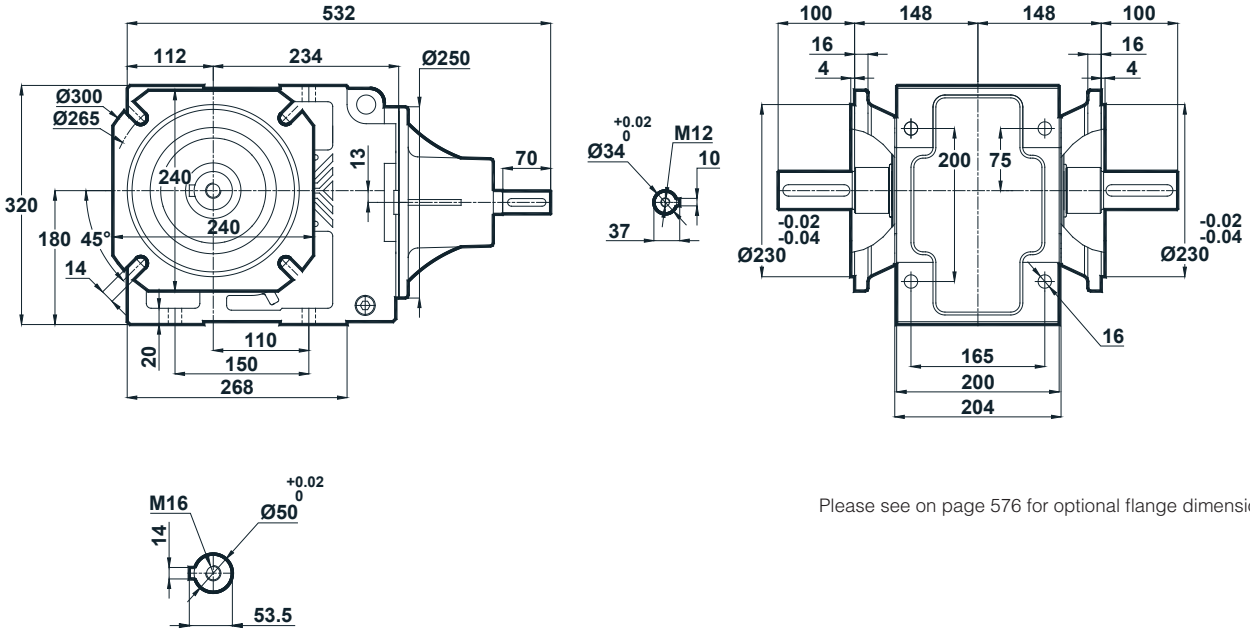


Tapped center hole to DIN 332, sheet 2

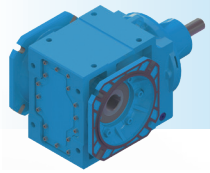
KT473.04



KT473.05

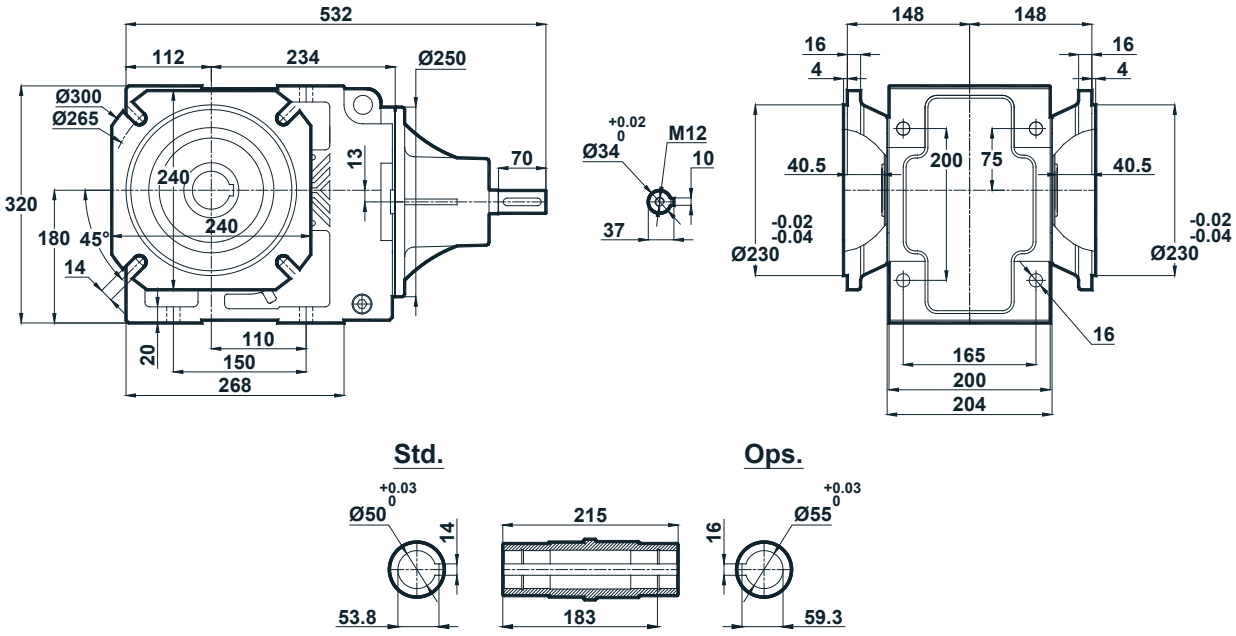


Please see on page 576 for optional flange dimensions

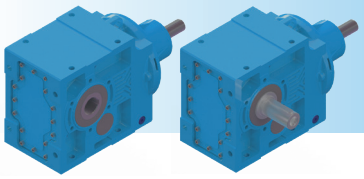


Tapped center hole to DIN 332, sheet 2

KT473.08

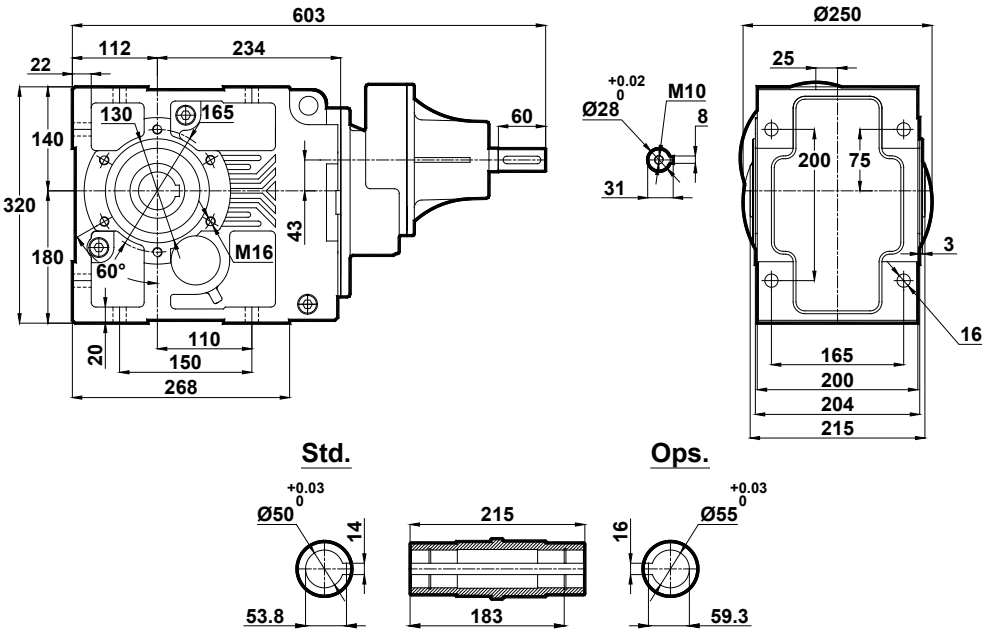


Please see on page 576 for optional flange dimensions

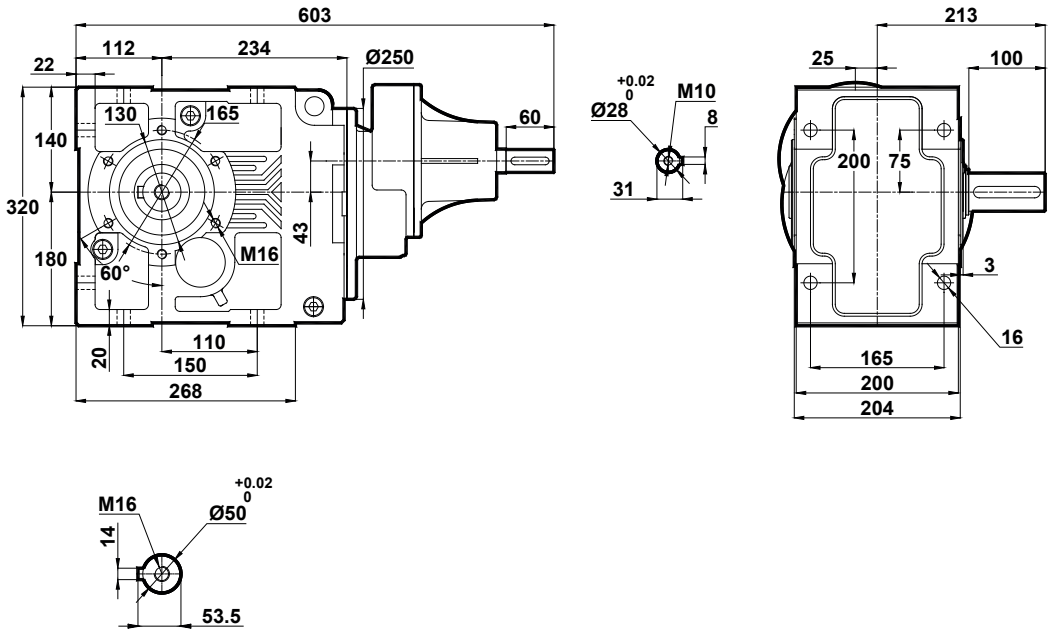


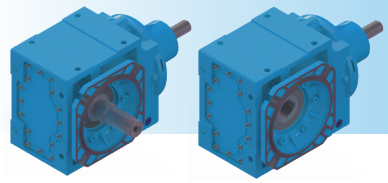
Tapped center hole to DIN 332, sheet 2

KT474.00



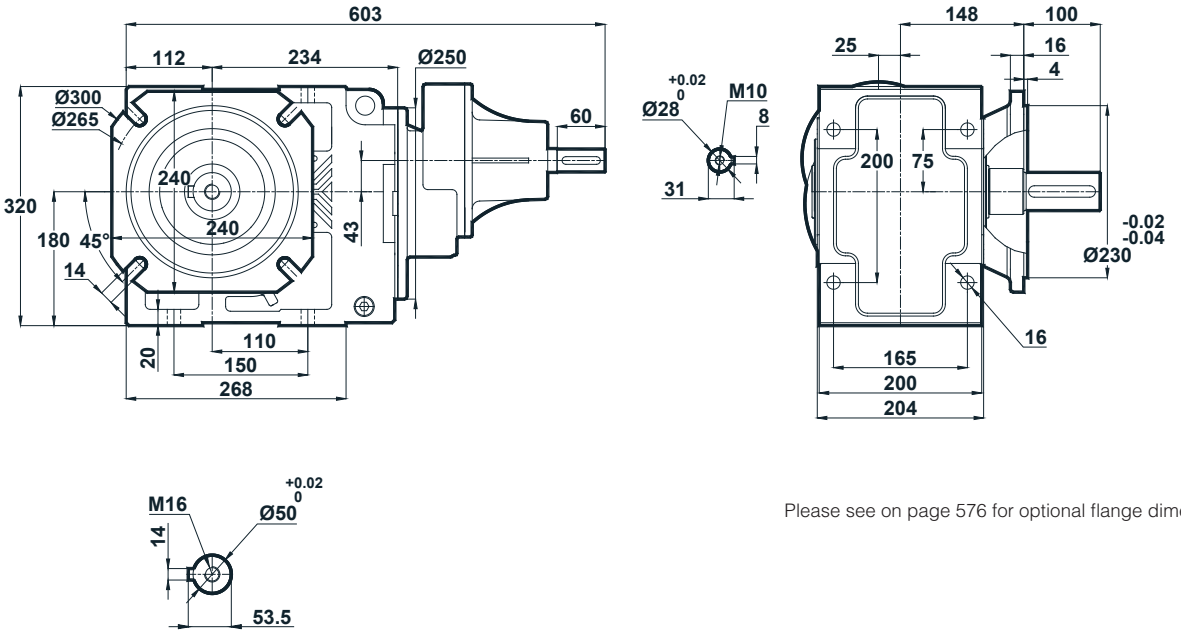
KT474.01





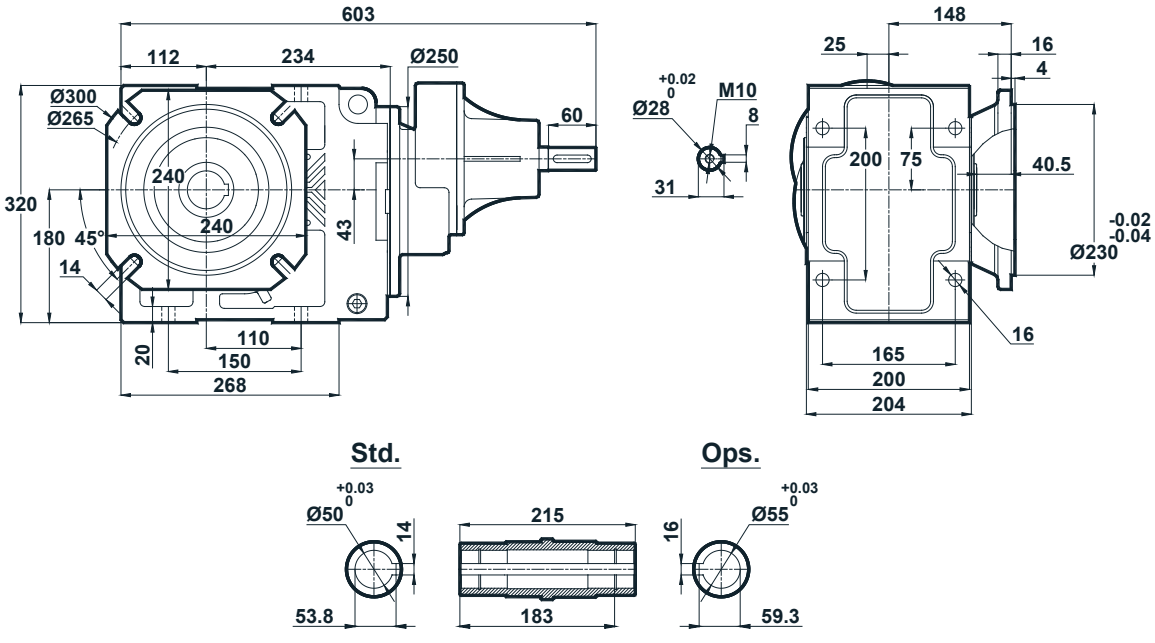
Tapped center hole to DIN 332, sheet 2

KT474.02

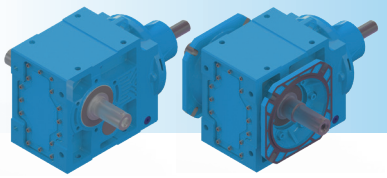


Please see on page 576 for optional flange dimensions

KT474.03

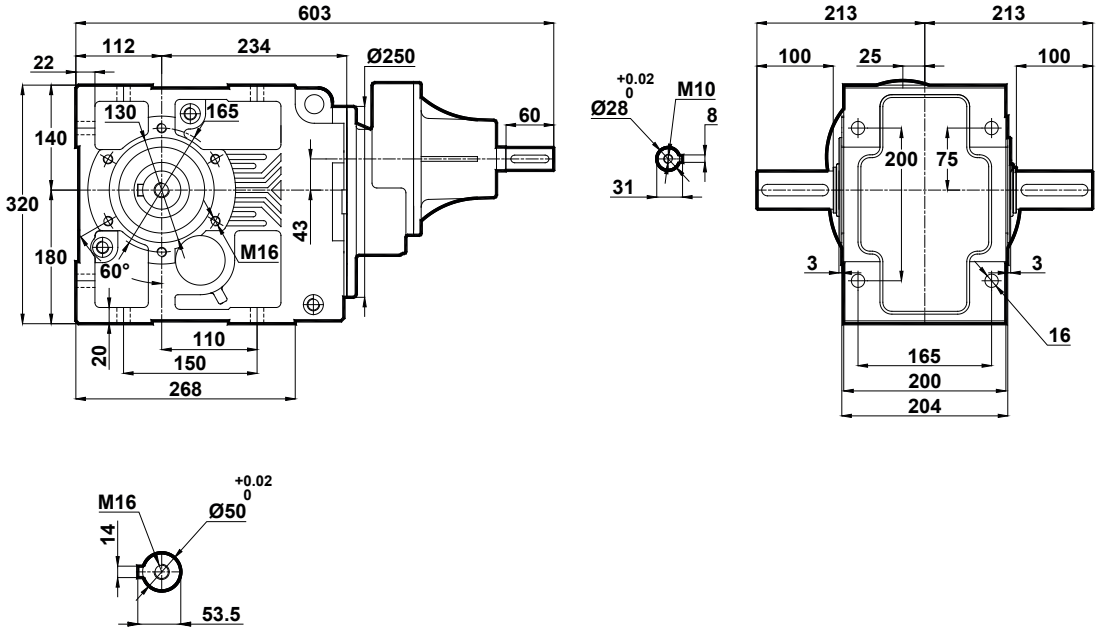


Please see on page 576 for optional flange dimensions

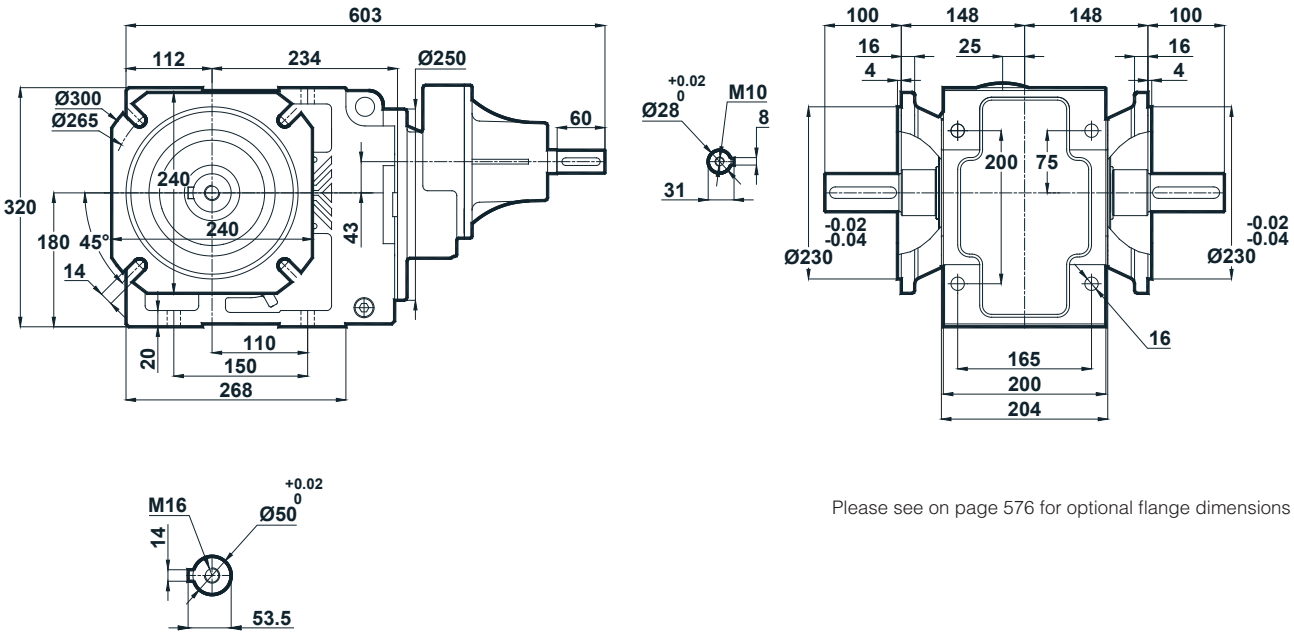


Tapped center hole to DIN 332, sheet 2

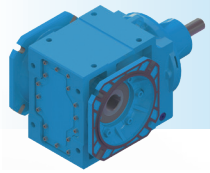
KT474.04



KT474.05

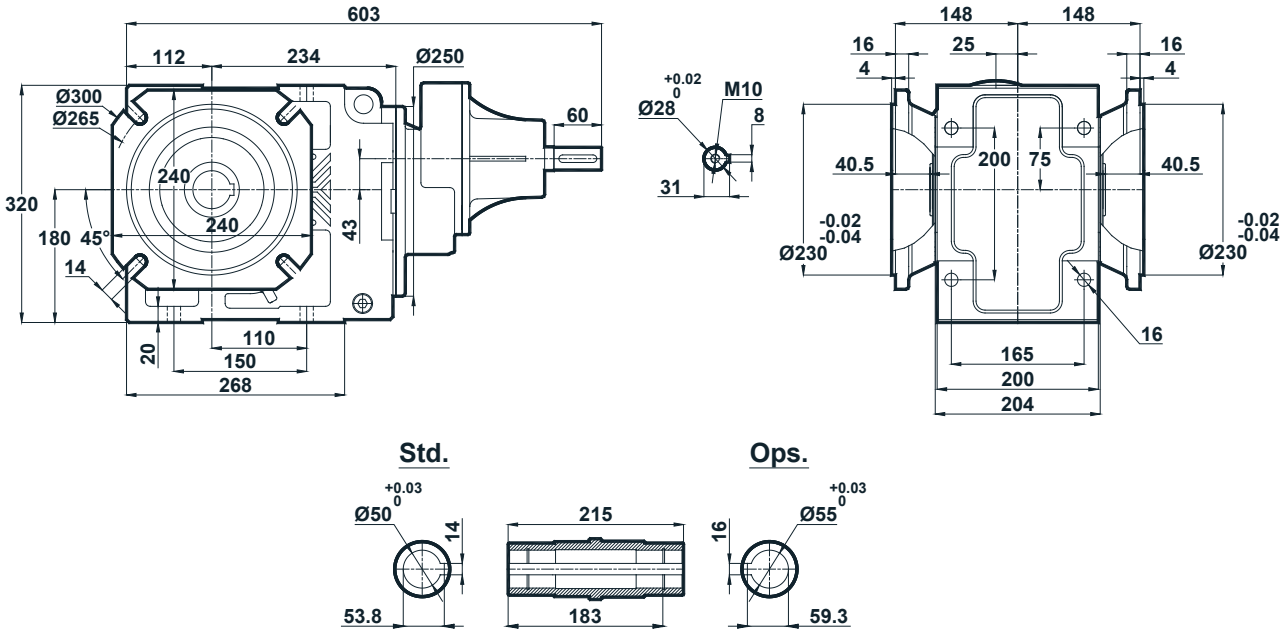


Please see on page 576 for optional flange dimensions

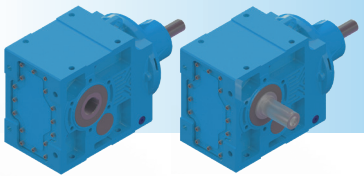


Tapped center hole to DIN 332, sheet 2

KT474.08

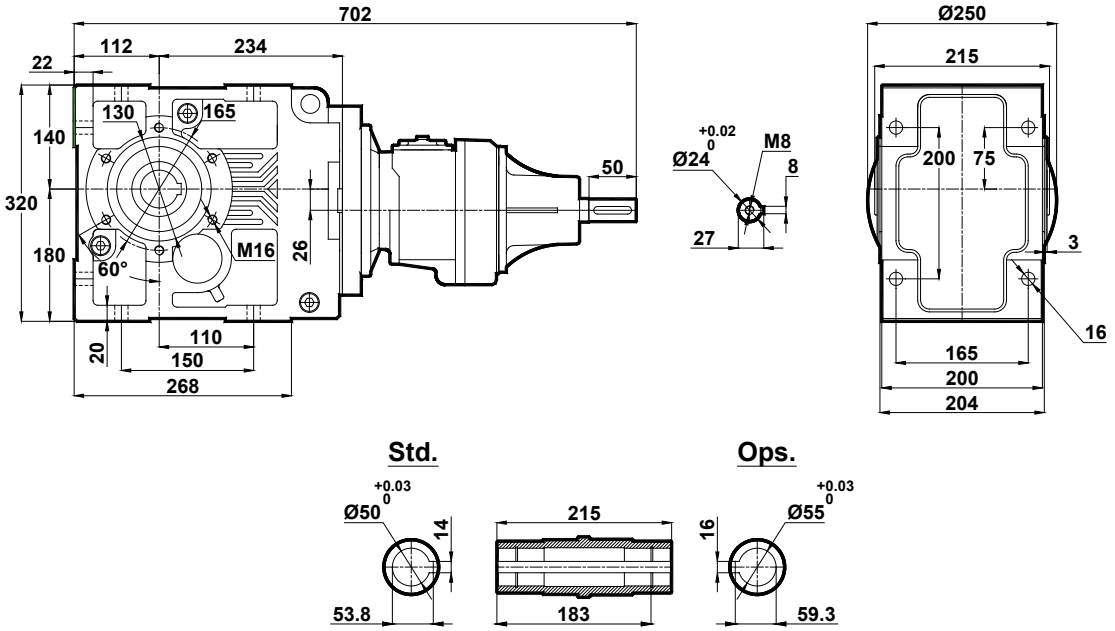


Please see on page 576 for optional flange dimensions

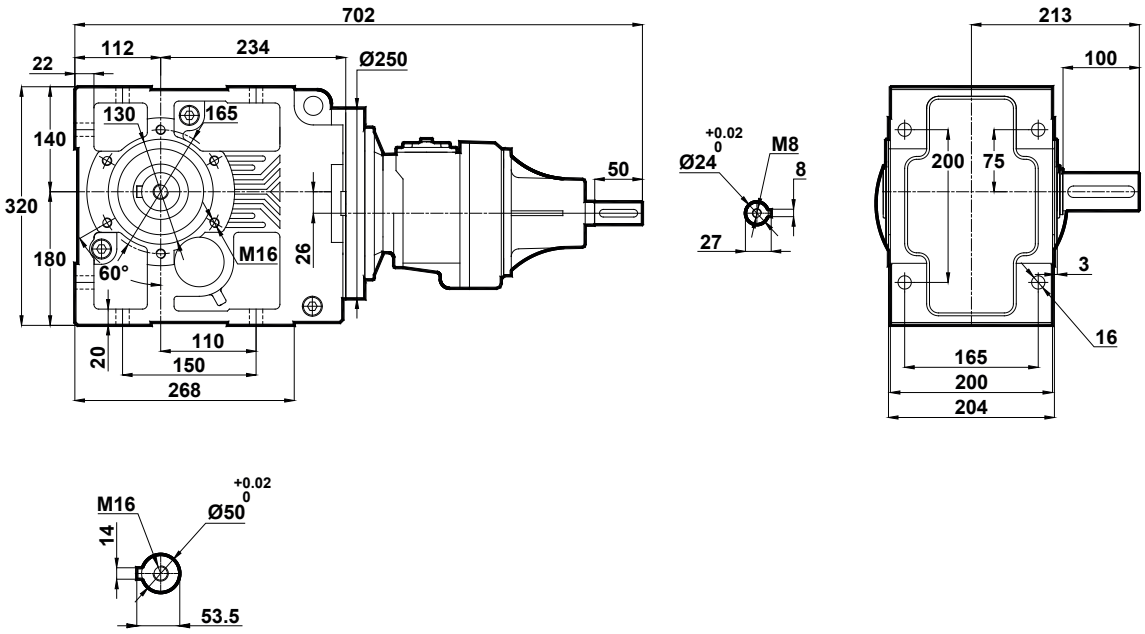


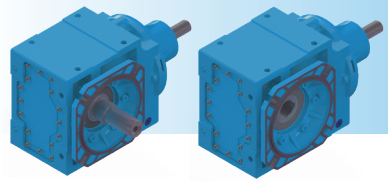
Tapped center hole to DIN 332, sheet 2

KT475.00
KT476.00



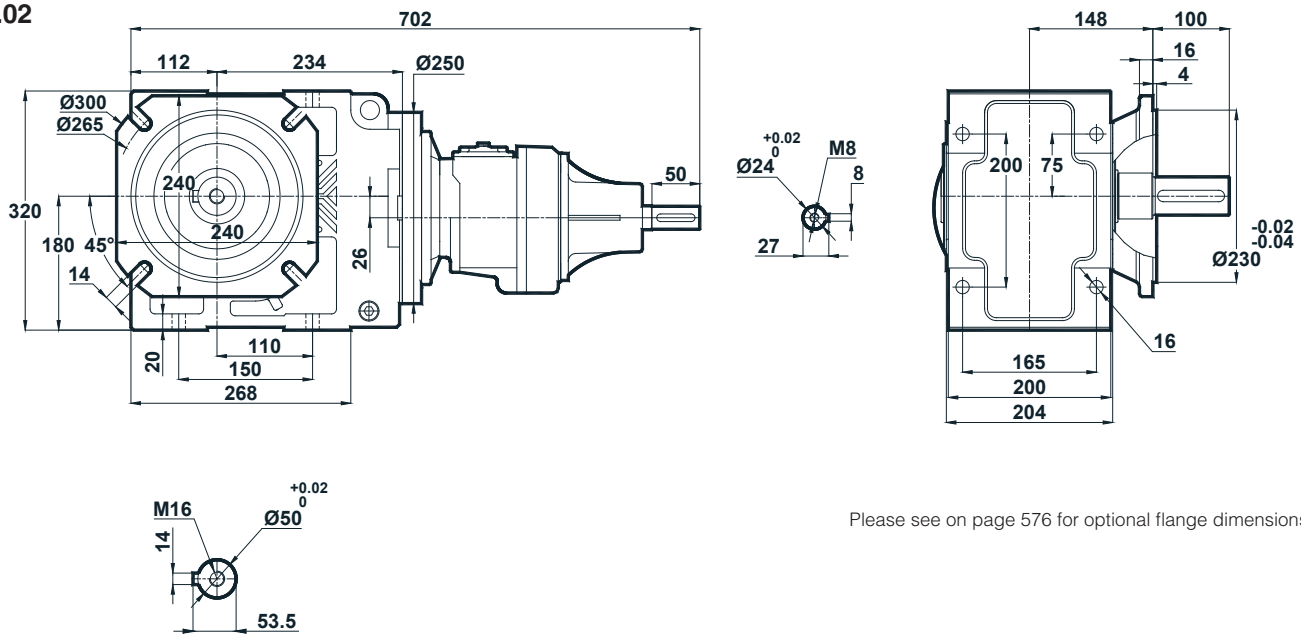
KT475.01
KT476.01





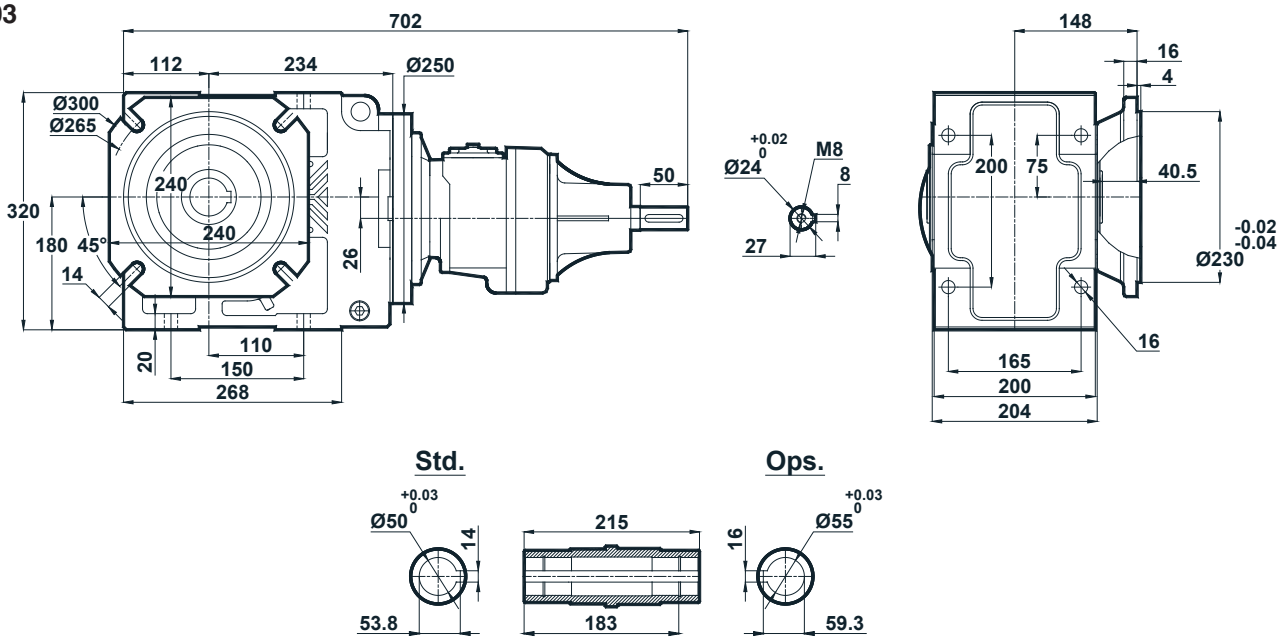
Tapped center hole to DIN 332, sheet 2

KT475.02
KT476.02

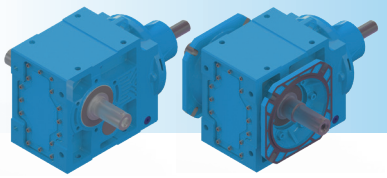


Please see on page 576 for optional flange dimensions

KT475.03
KT476.03

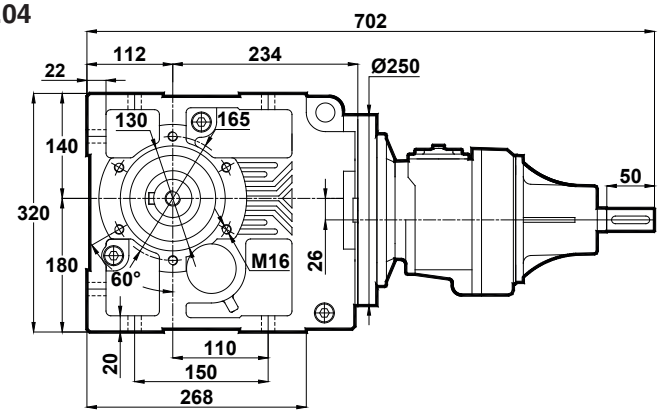


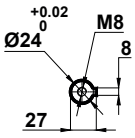
Please see on page 576 for optional flange dimensions

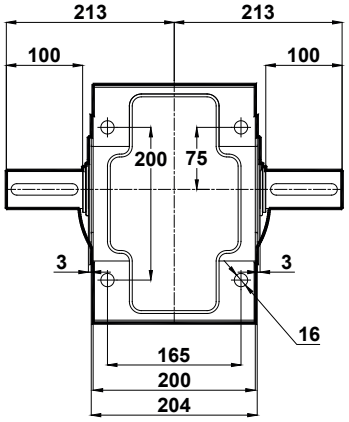


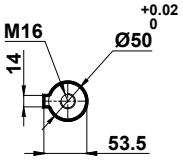
Tapped center hole to DIN 332, sheet 2

KT475.04
KT476.04

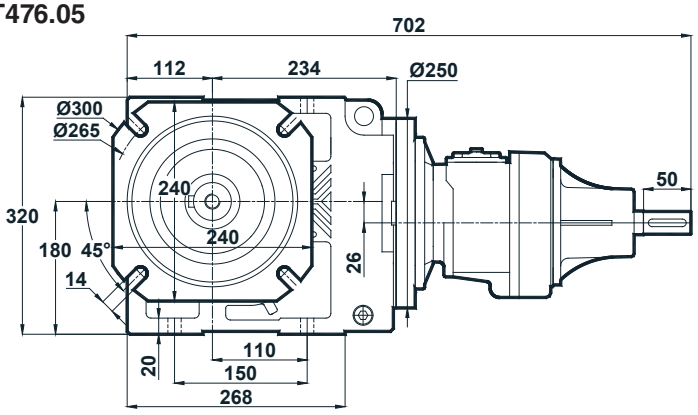


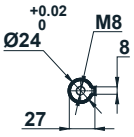


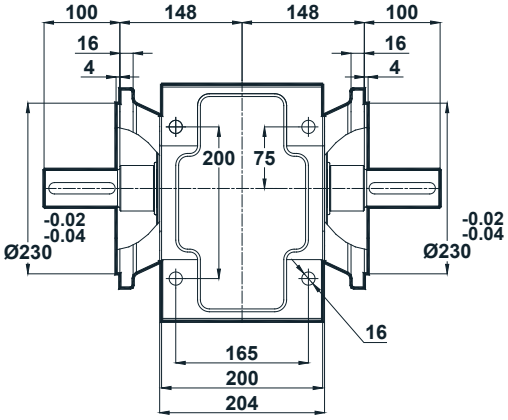


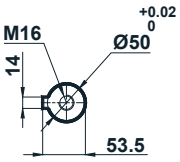


KT475.05
KT476.05

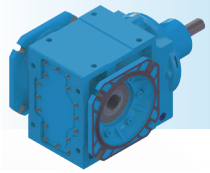






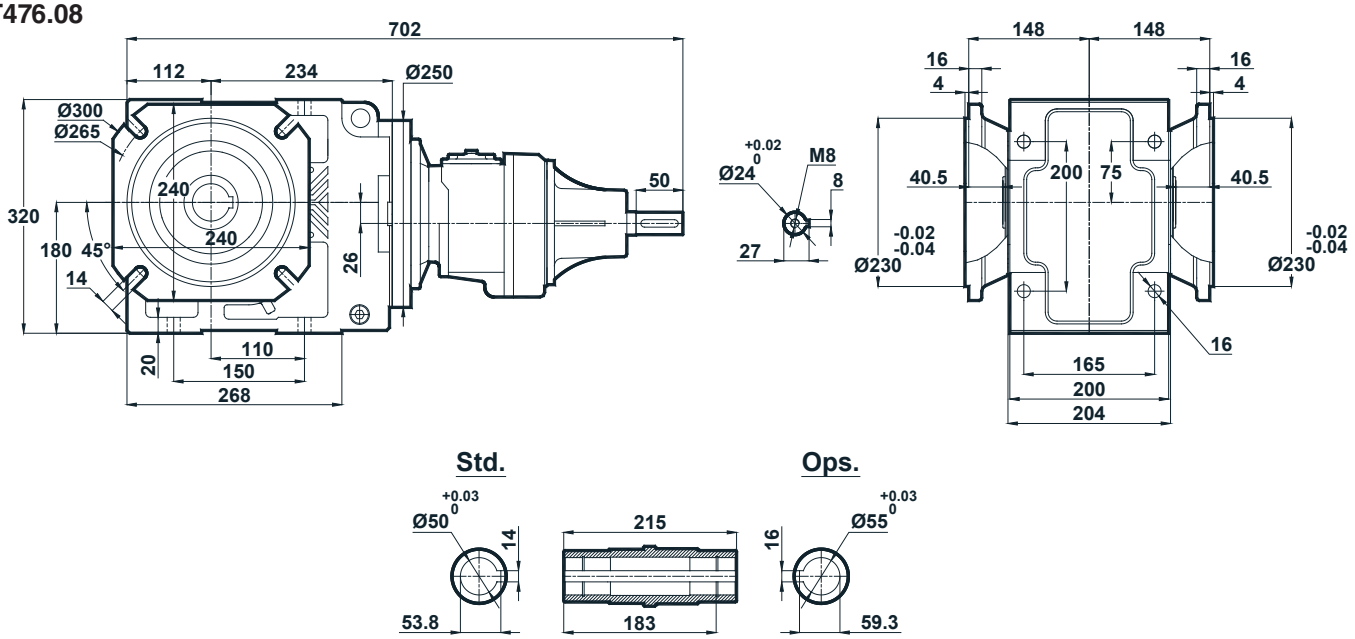


Please see on page 576 for optional flange dimensions

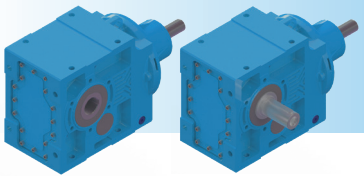


Tapped center hole to DIN 332, sheet 2

KT475.08
KT476.08

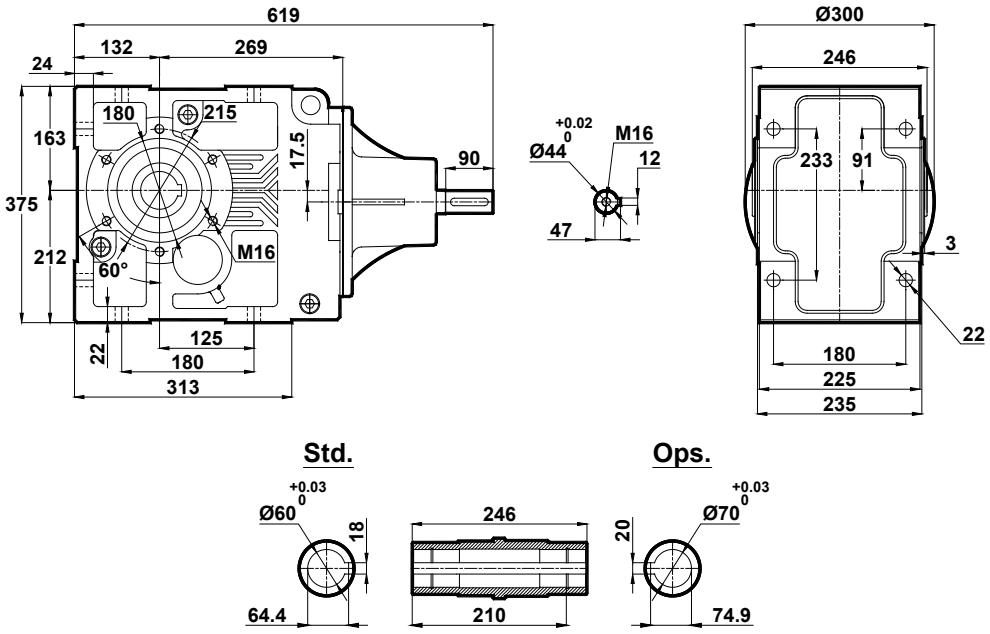


Please see on page 576 for optional flange dimensions

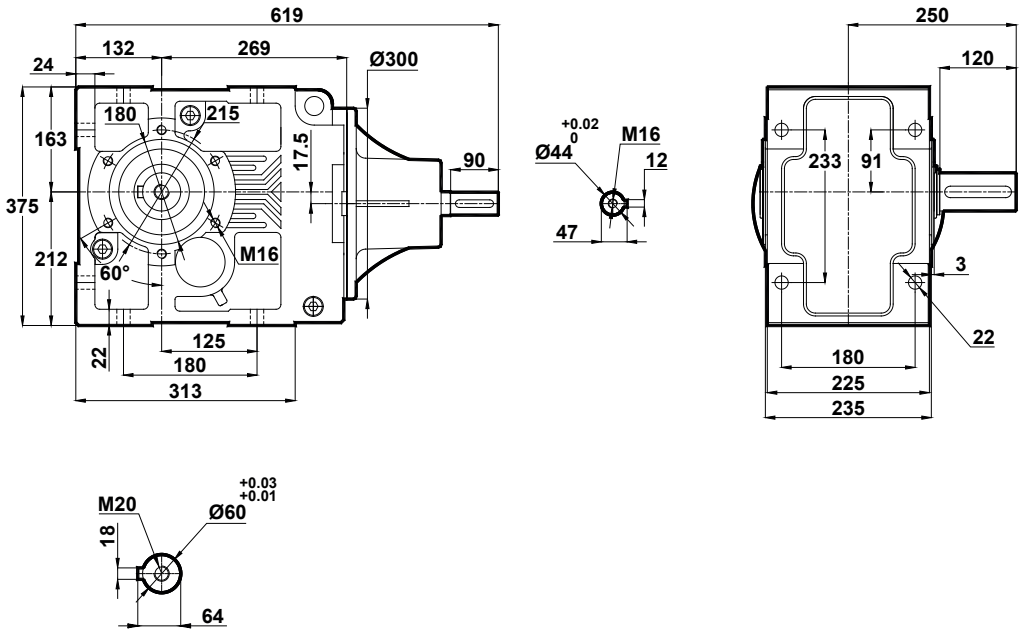


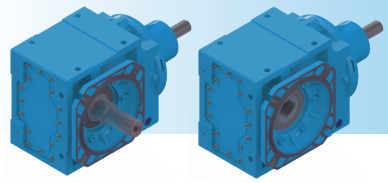
Tapped center hole to DIN 332, sheet 2

KT573.00



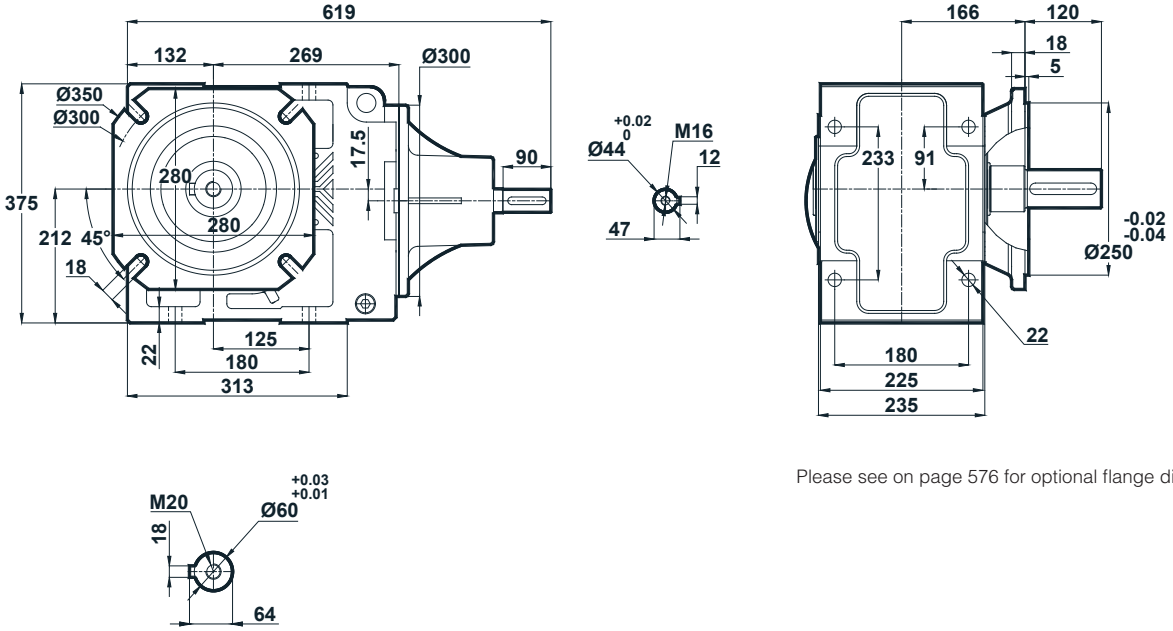
KT573.01





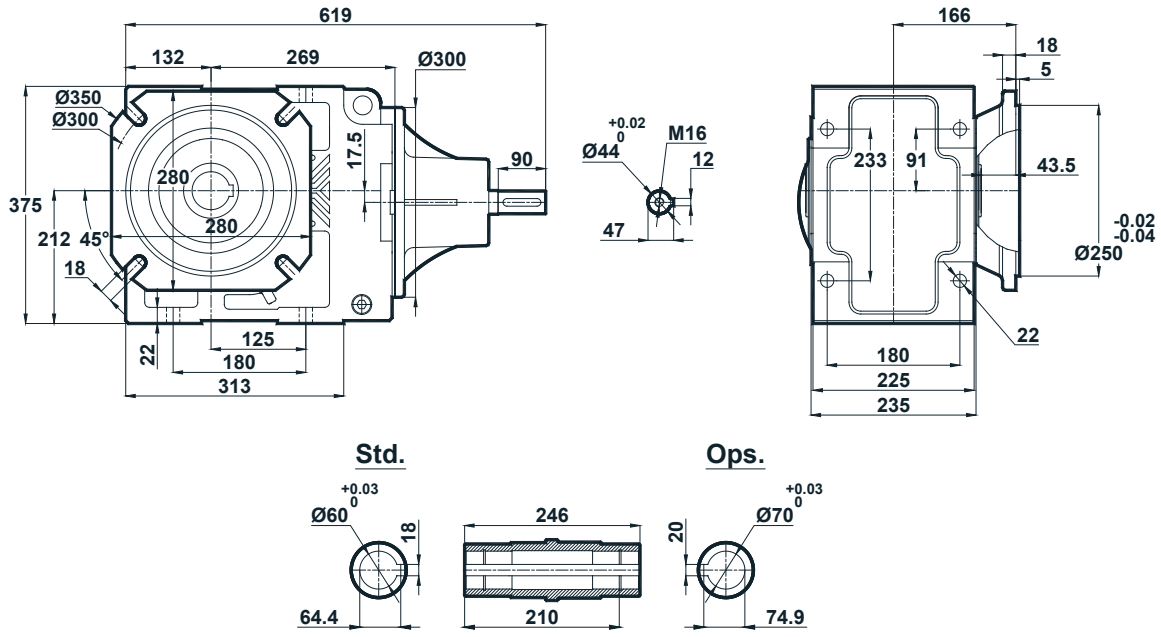
Tapped center hole to DIN 332, sheet 2

KT573.02

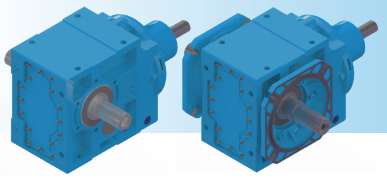


Please see on page 576 for optional flange dimensions

KT573.03

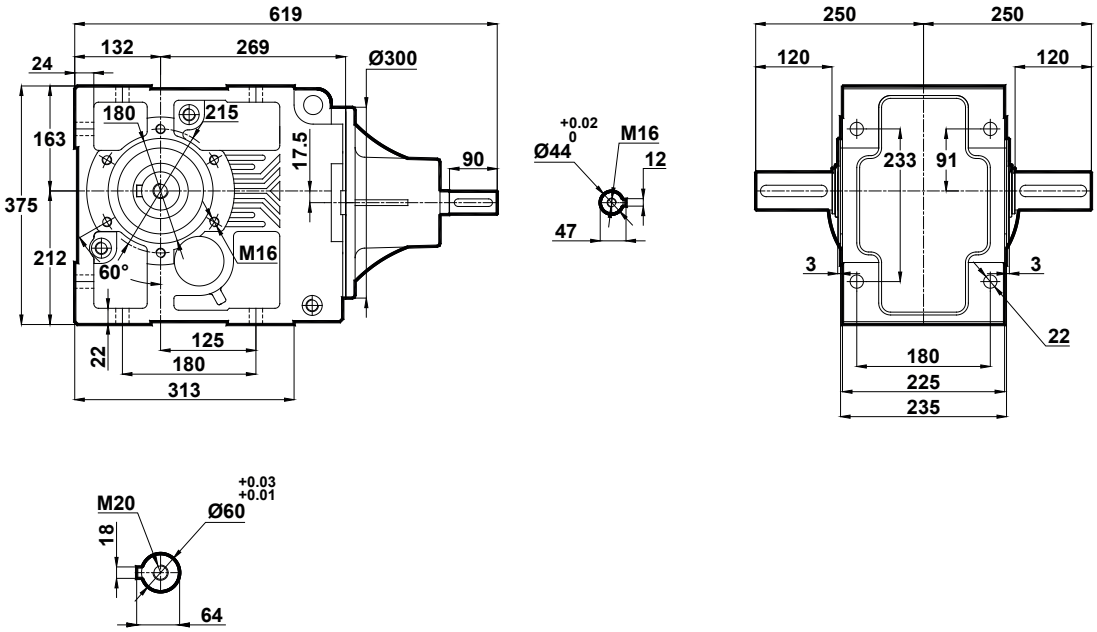


Please see on page 576 for optional flange dimensions

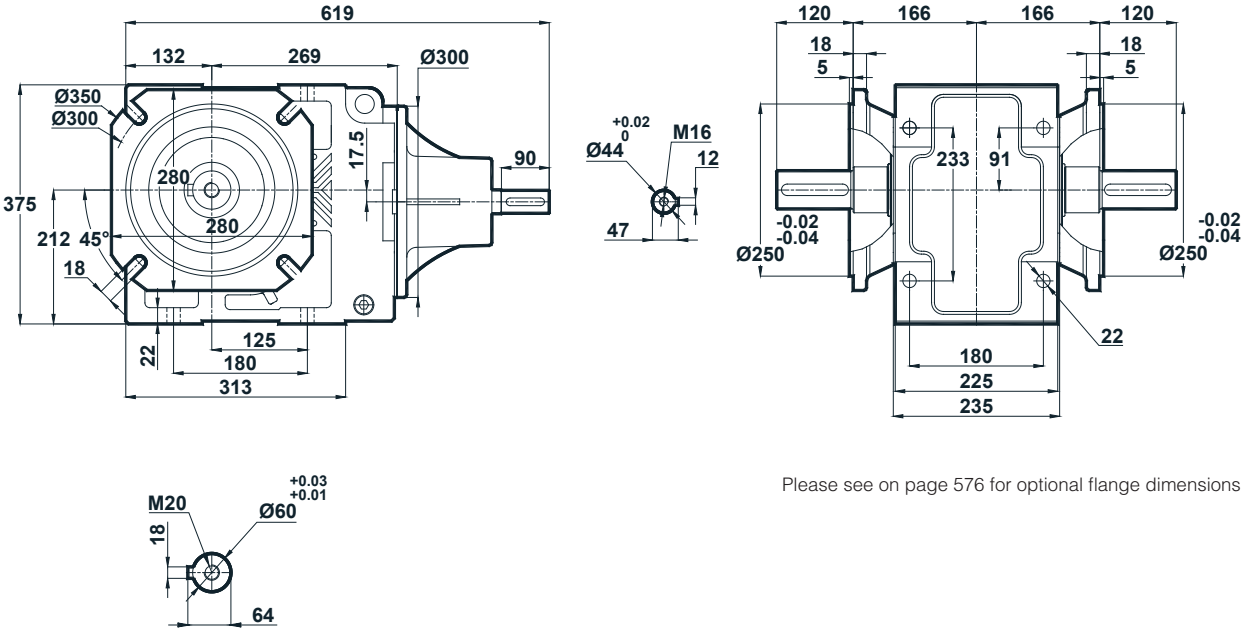


Tapped center hole to DIN 332, sheet 2

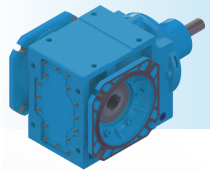
KT573.04



KT573.05

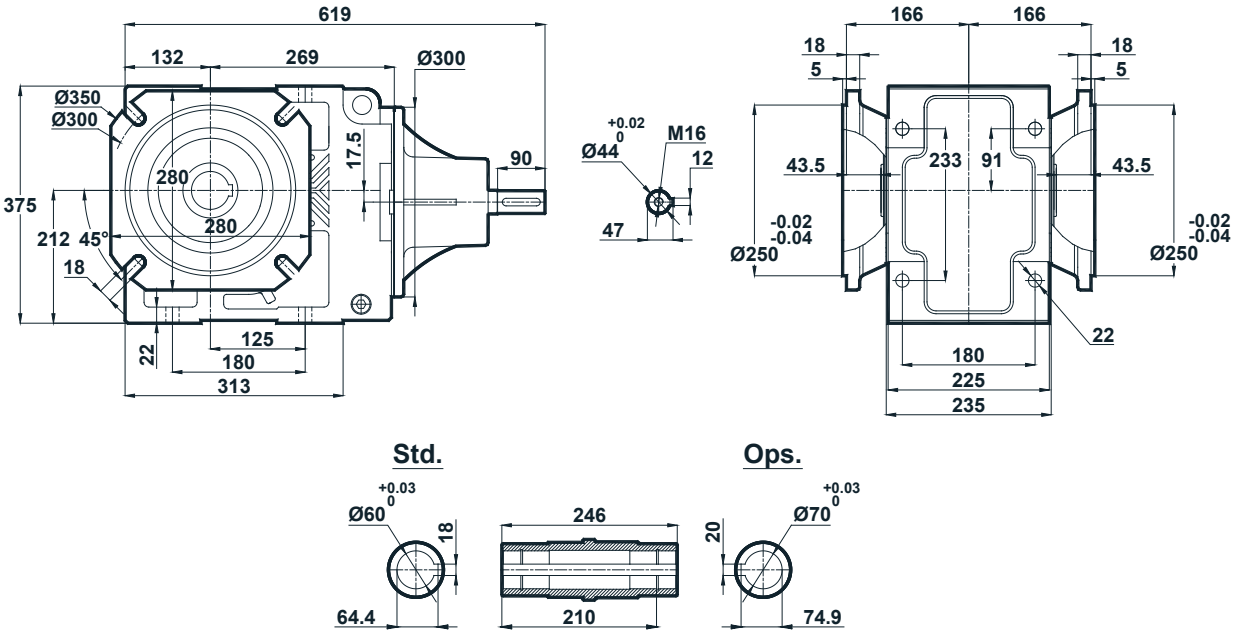


Please see on page 576 for optional flange dimensions

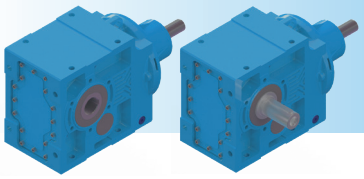


Tapped center hole to DIN 332, sheet 2

KT573.08

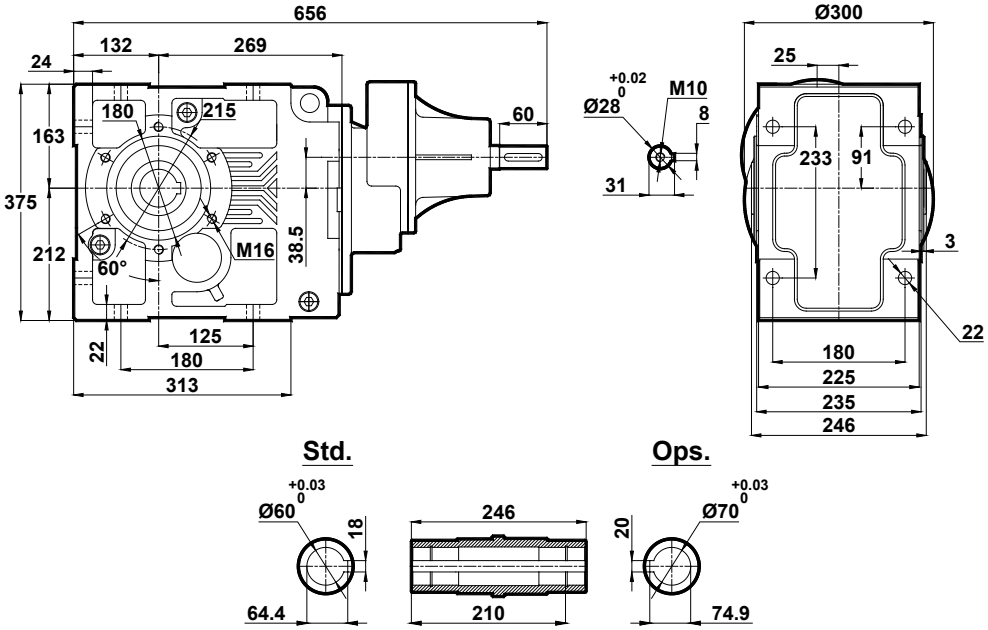


Please see on page 576 for optional flange dimensions

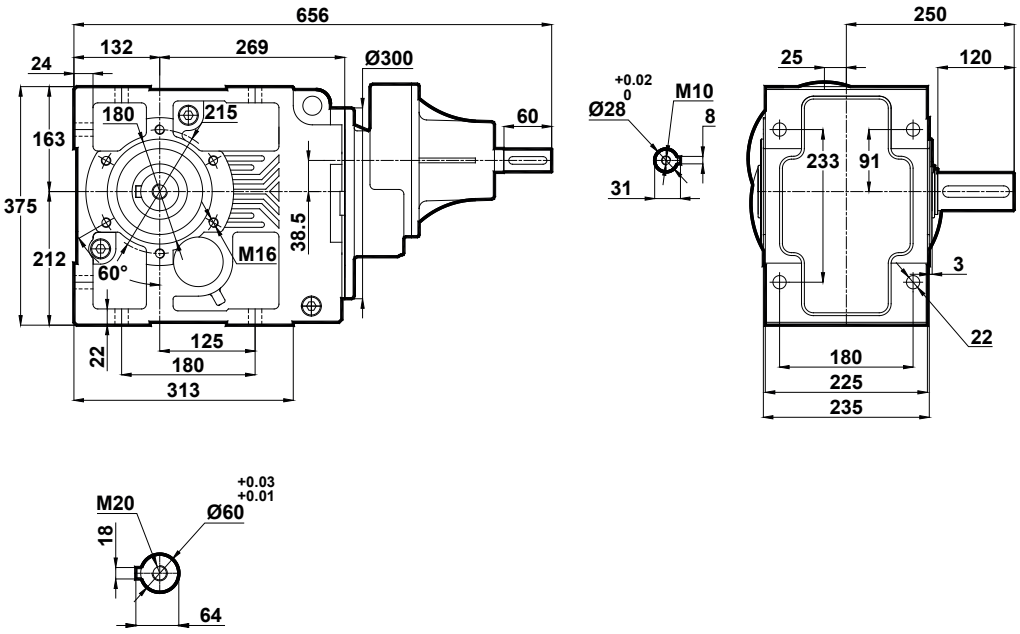


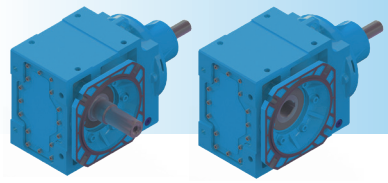
Tapped center hole to DIN 332, sheet 2

KT574.00



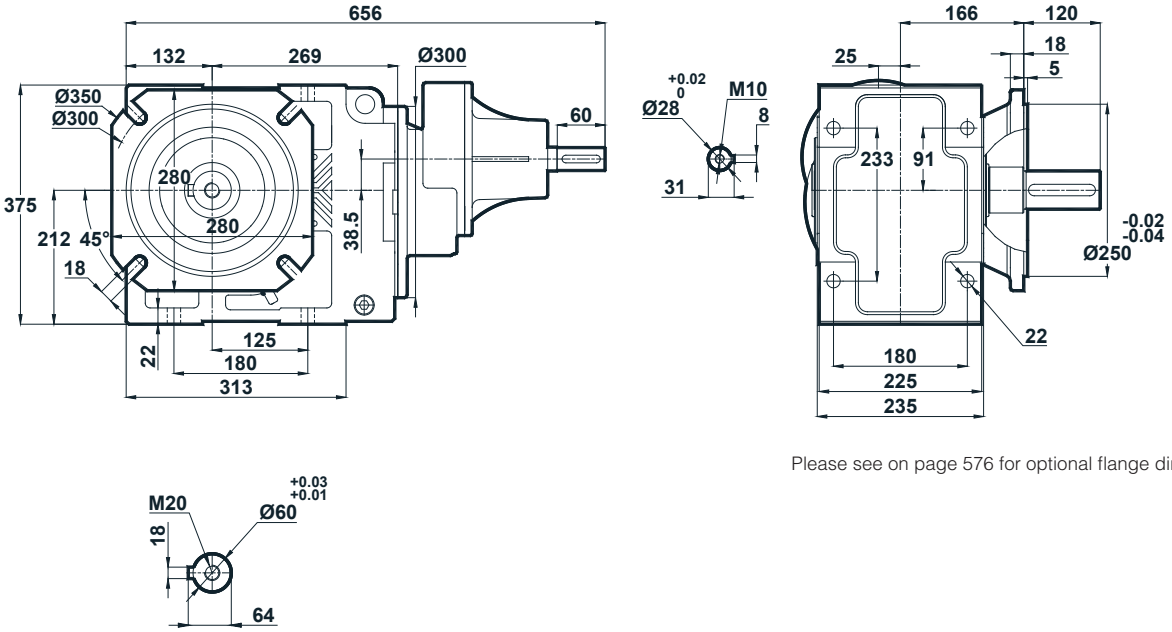
KT574.01





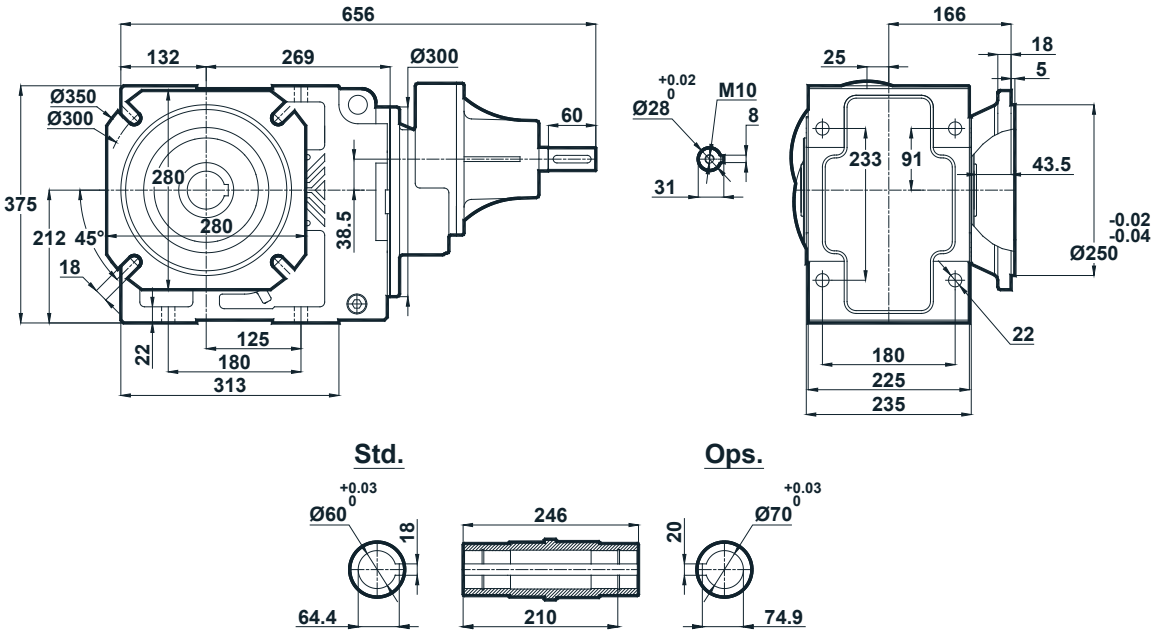
Tapped center hole to DIN 332, sheet 2

KT574.02

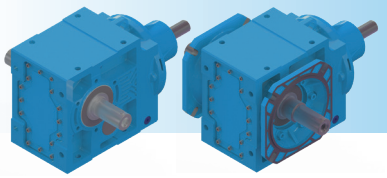


Please see on page 576 for optional flange dimensions

KT574.03

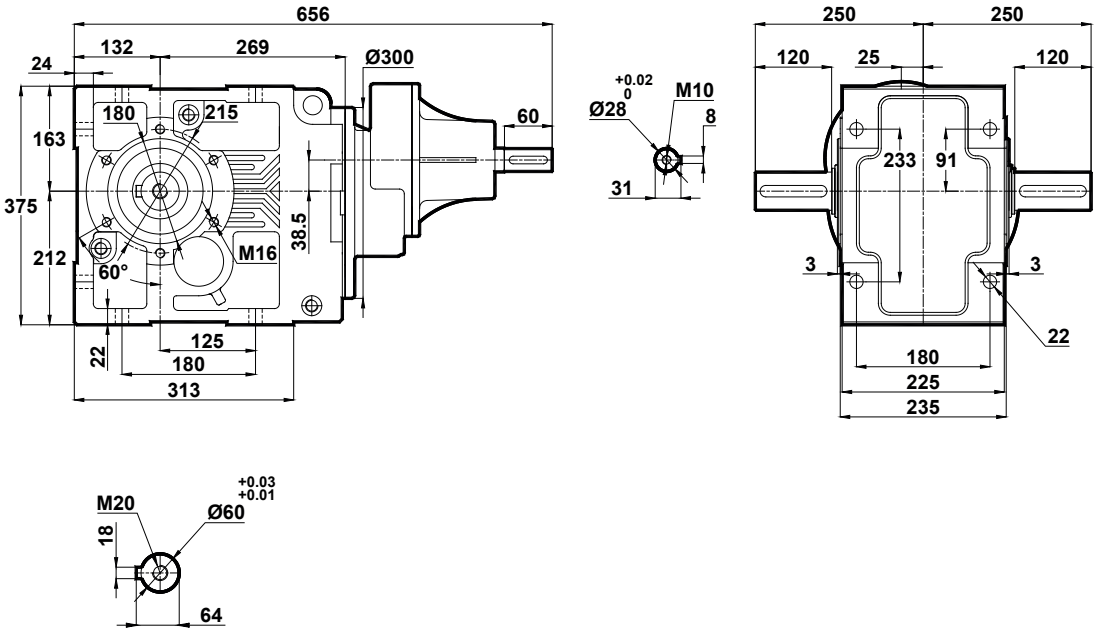


Please see on page 576 for optional flange dimensions

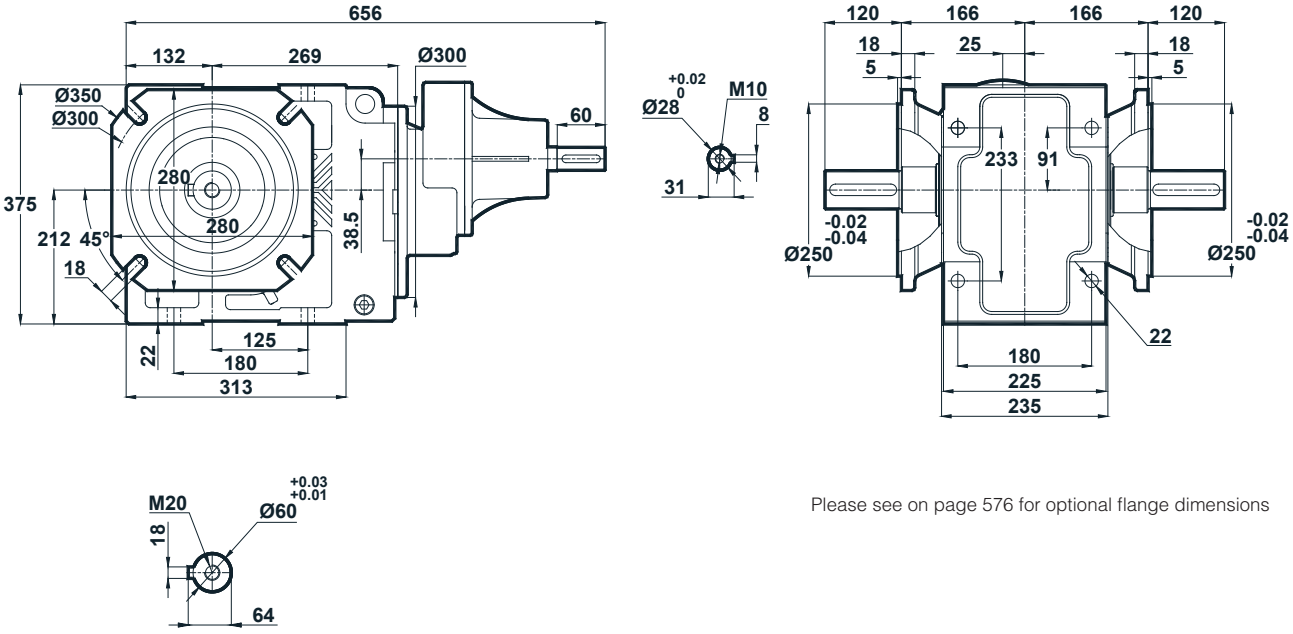


Tapped center hole to DIN 332, sheet 2

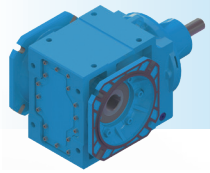
KT574.04



KT574.05

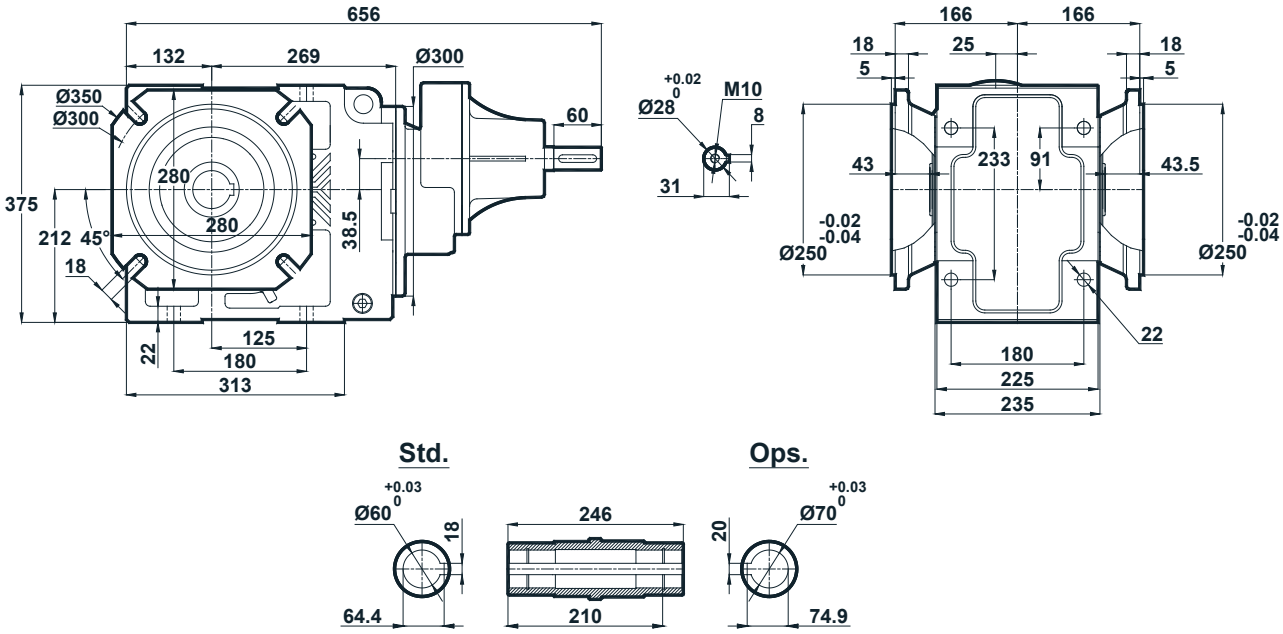


Please see on page 576 for optional flange dimensions

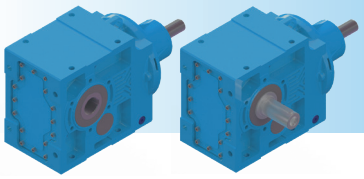


Tapped center hole to DIN 332, sheet 2

KT574.08

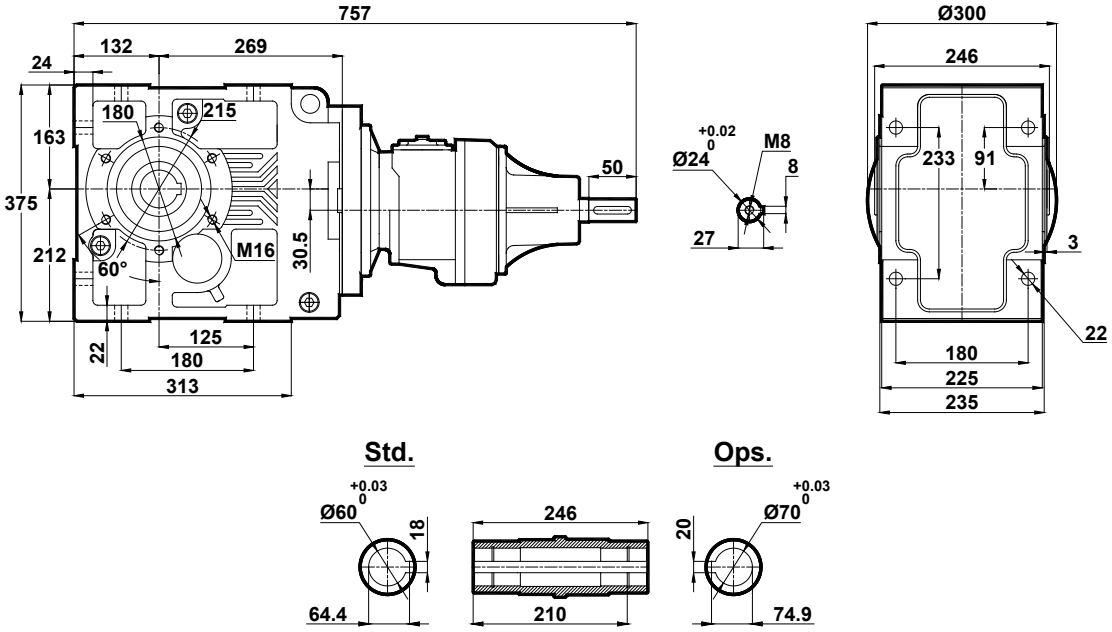


Please see on page 576 for optional flange dimensions

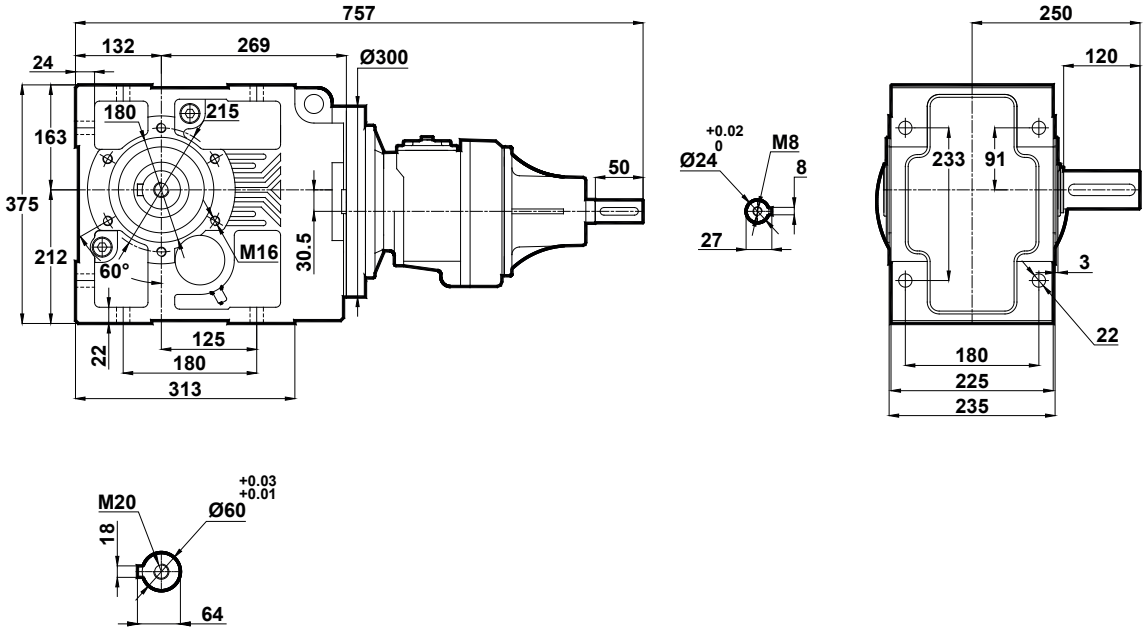


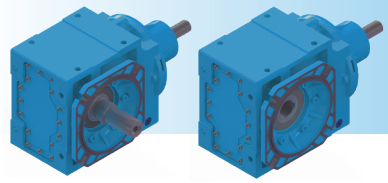
Tapped center hole to DIN 332, sheet 2

KT575.00
KT576.00



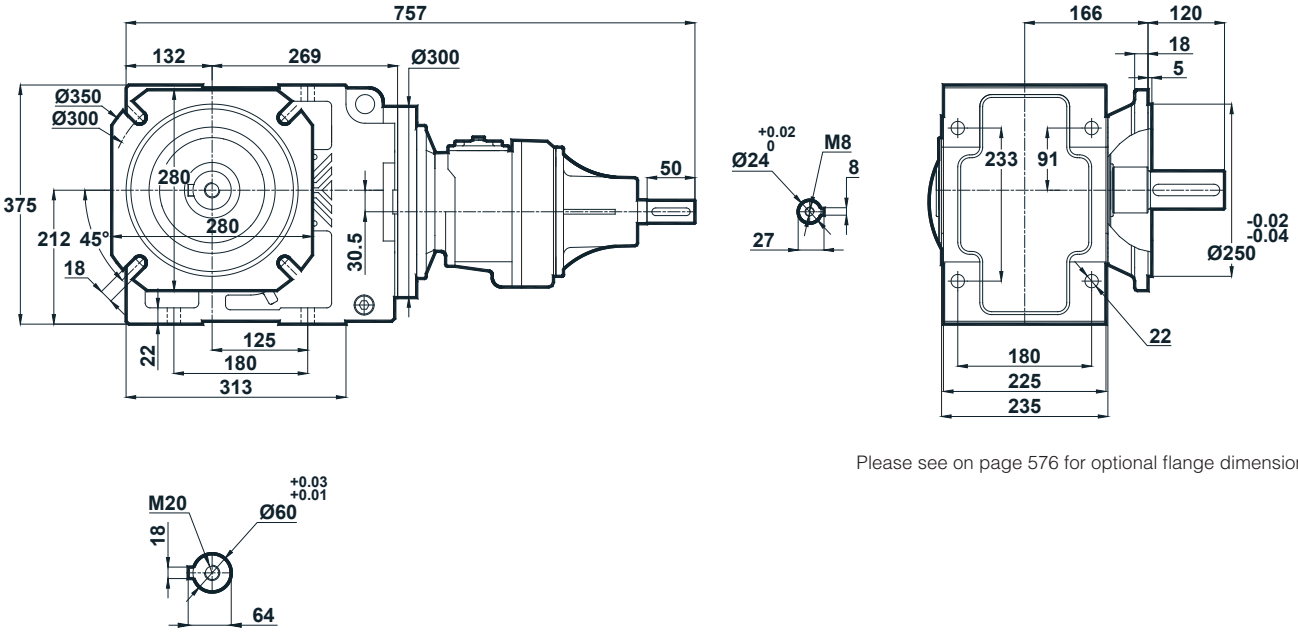
KT575.01
KT576.01





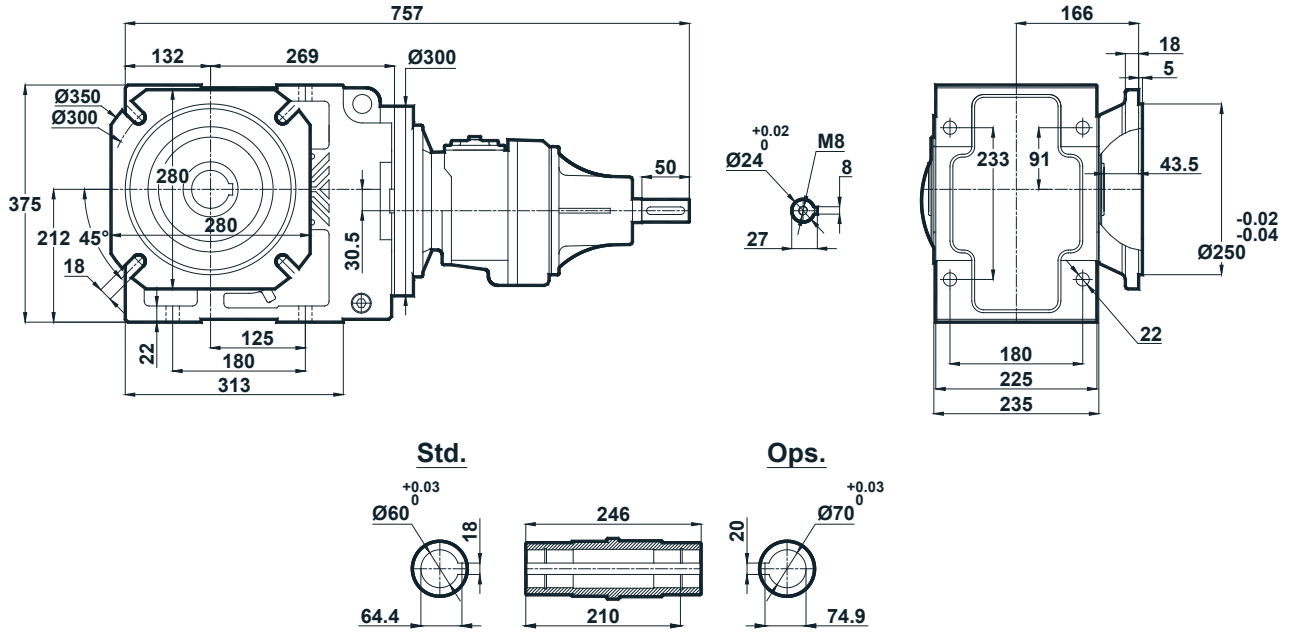
Tapped center hole to DIN 332, sheet 2

KT575.02
KT576.02

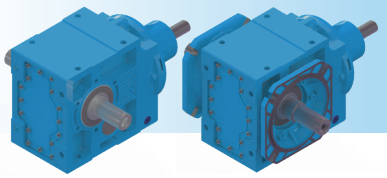


Please see on page 576 for optional flange dimensions

KT575.03
KT576.03

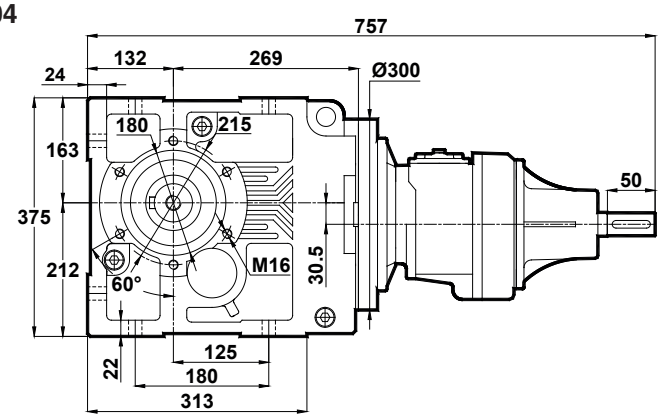


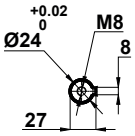
Please see on page 576 for optional flange dimensions

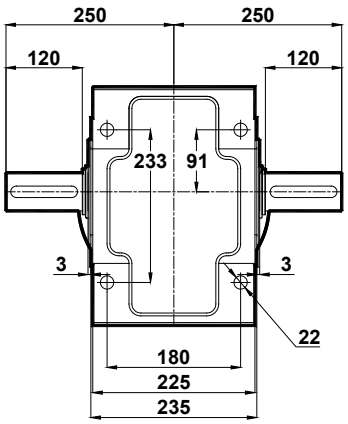


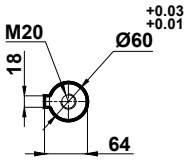
Tapped center hole to DIN 332, sheet 2

KT575.04
KT576.04

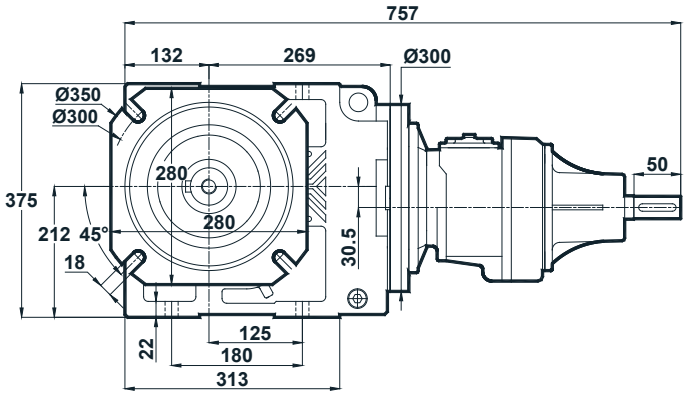


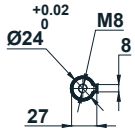


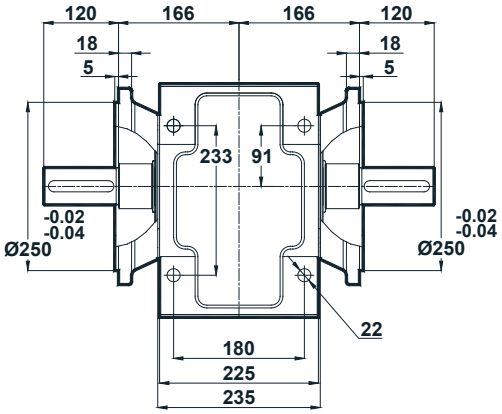


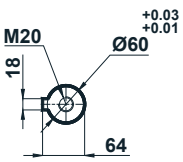


KT575.05
KT576.05

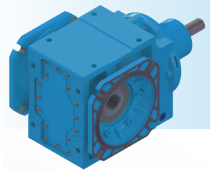






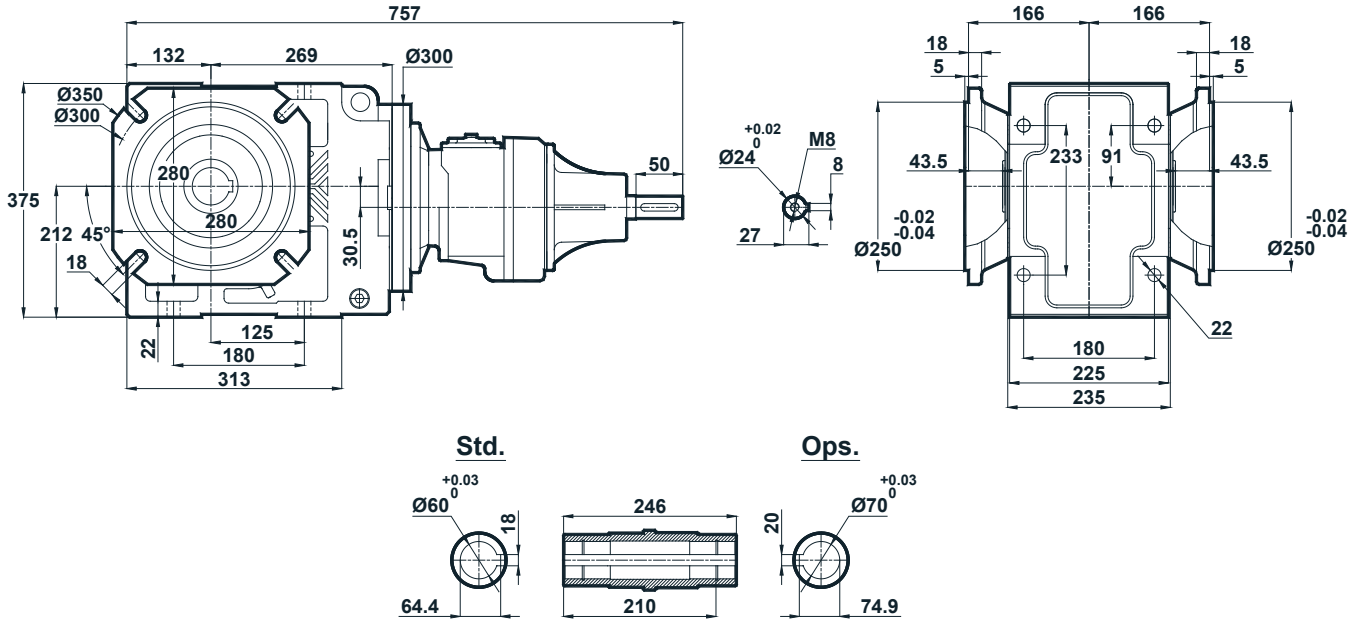


Please see on page 576 for optional flange dimensions

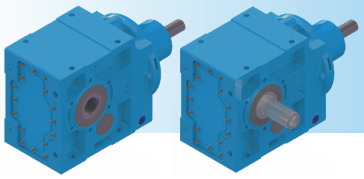


Tapped center hole to DIN 332, sheet 2

KT575.08
KT576.08

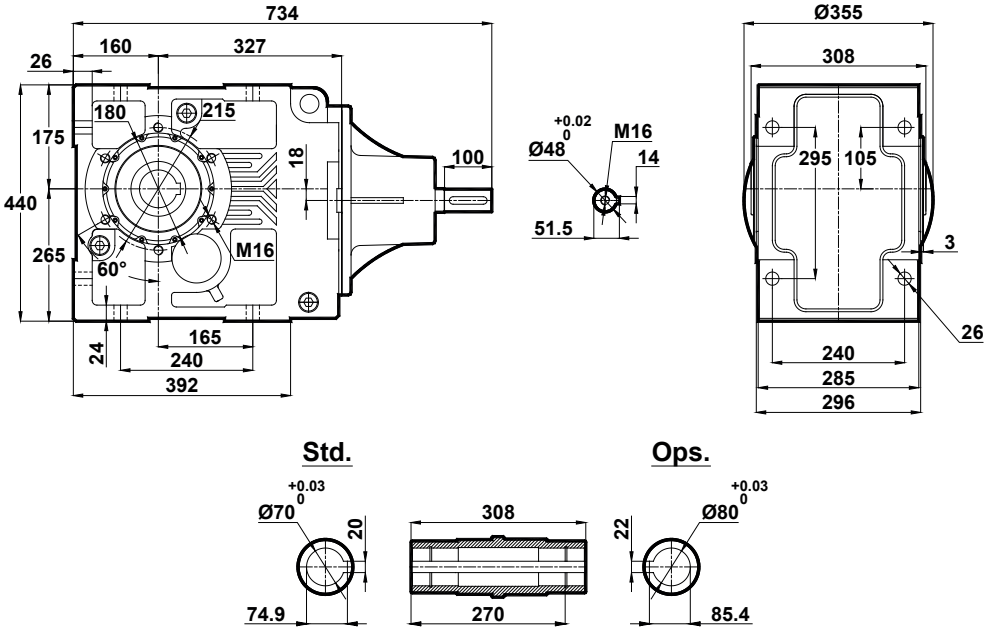


Please see on page 576 for optional flange dimensions

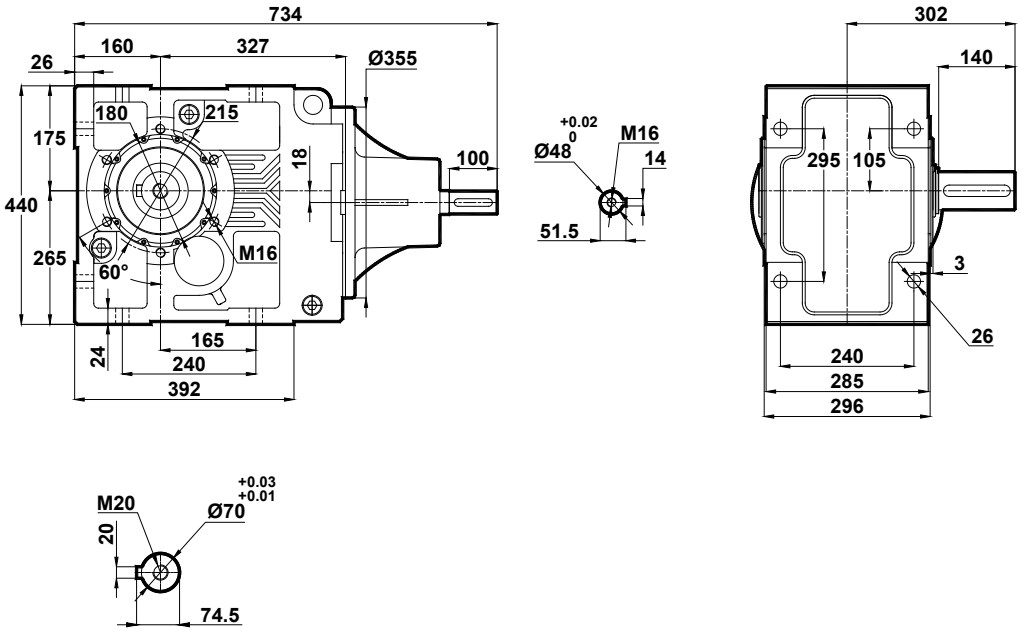


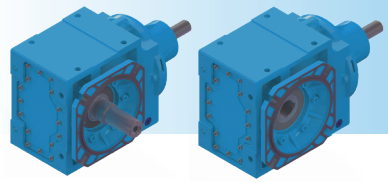
Tapped center hole to DIN 332, sheet 2

KT673.00



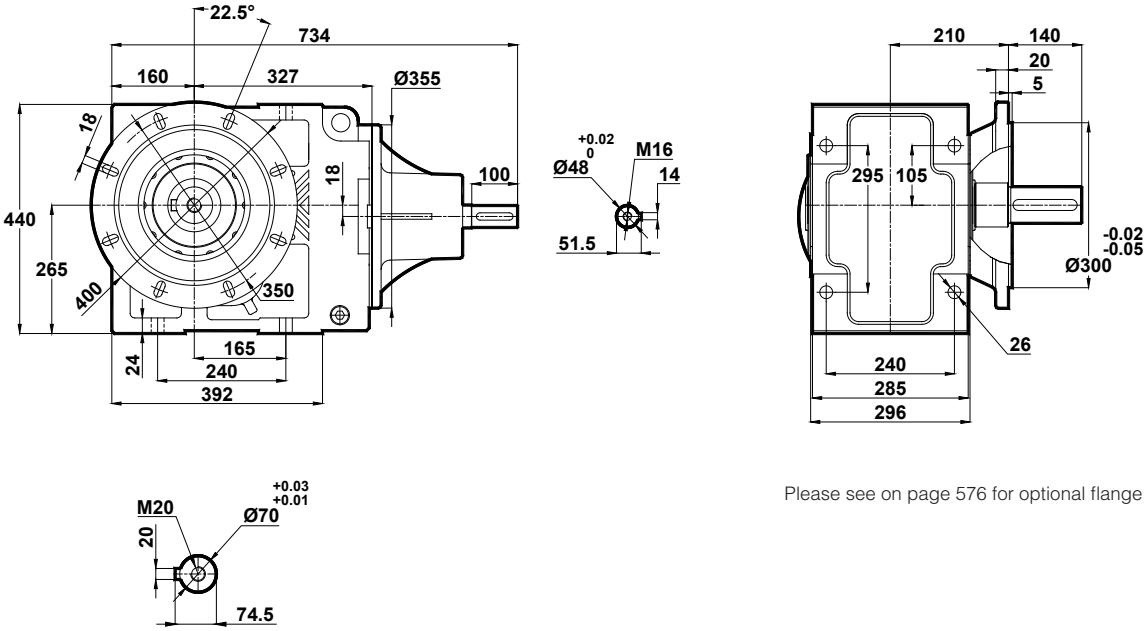
KT673.01





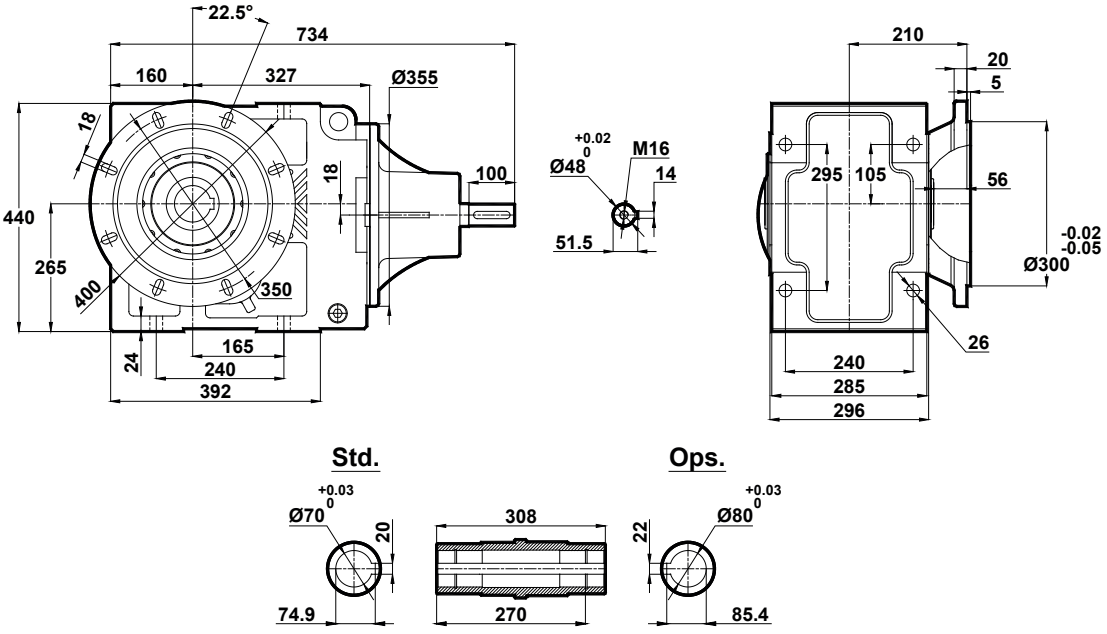
Tapped center hole to DIN 332, sheet 2

KT673.02

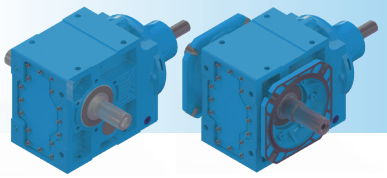


Please see on page 576 for optional flange dimensions

KT673.03

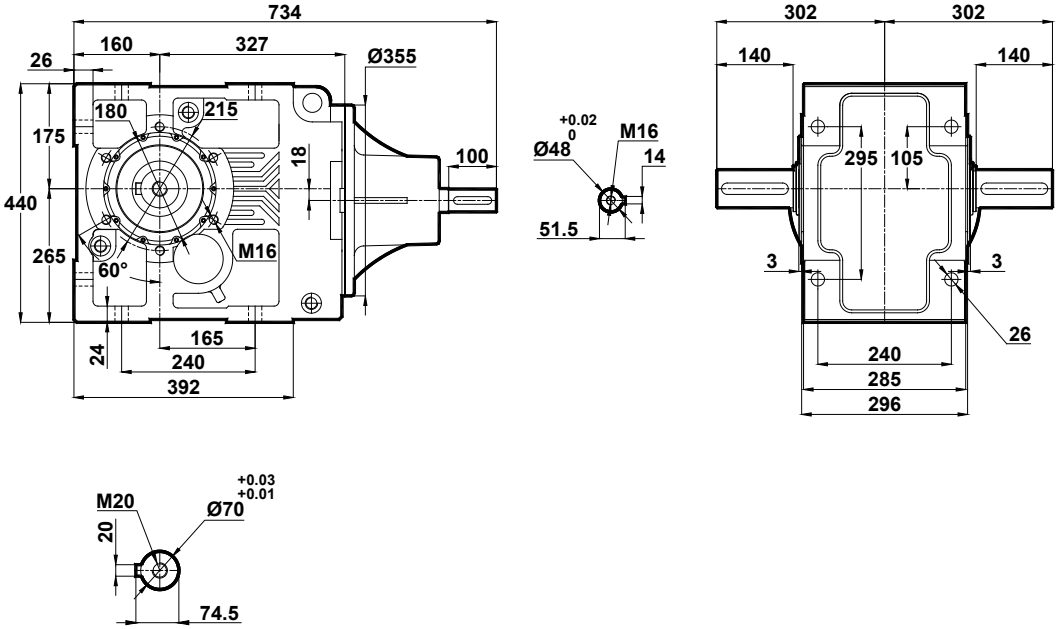


Please see on page 576 for optional flange dimensions

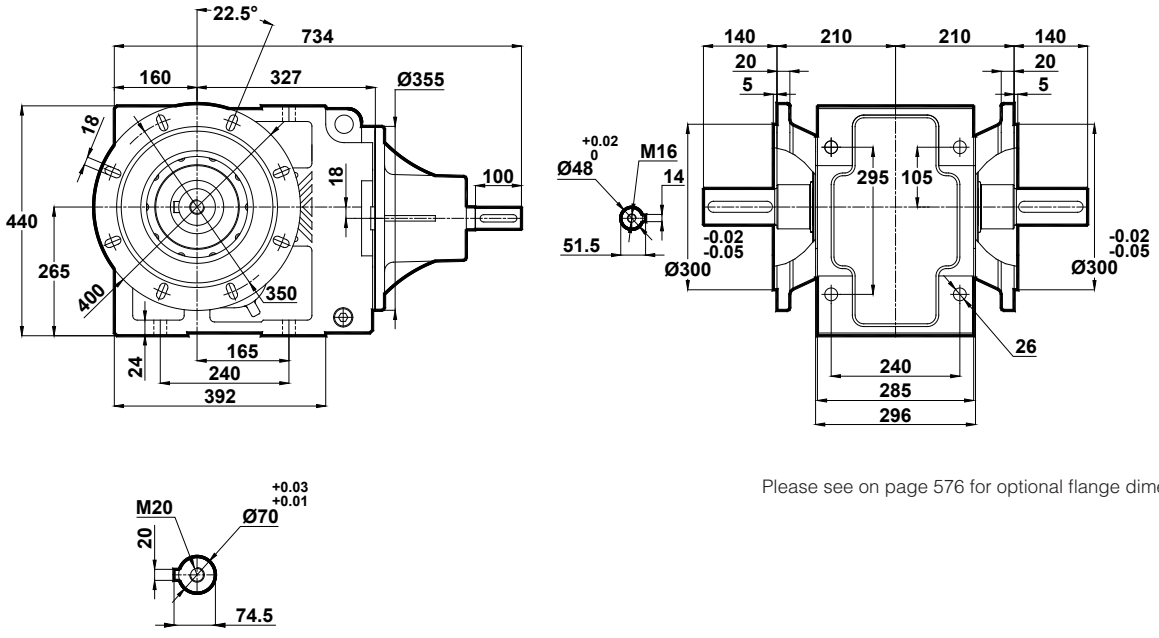


Tapped center hole to DIN 332, sheet 2

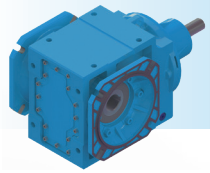
KT673.04



KT673.05

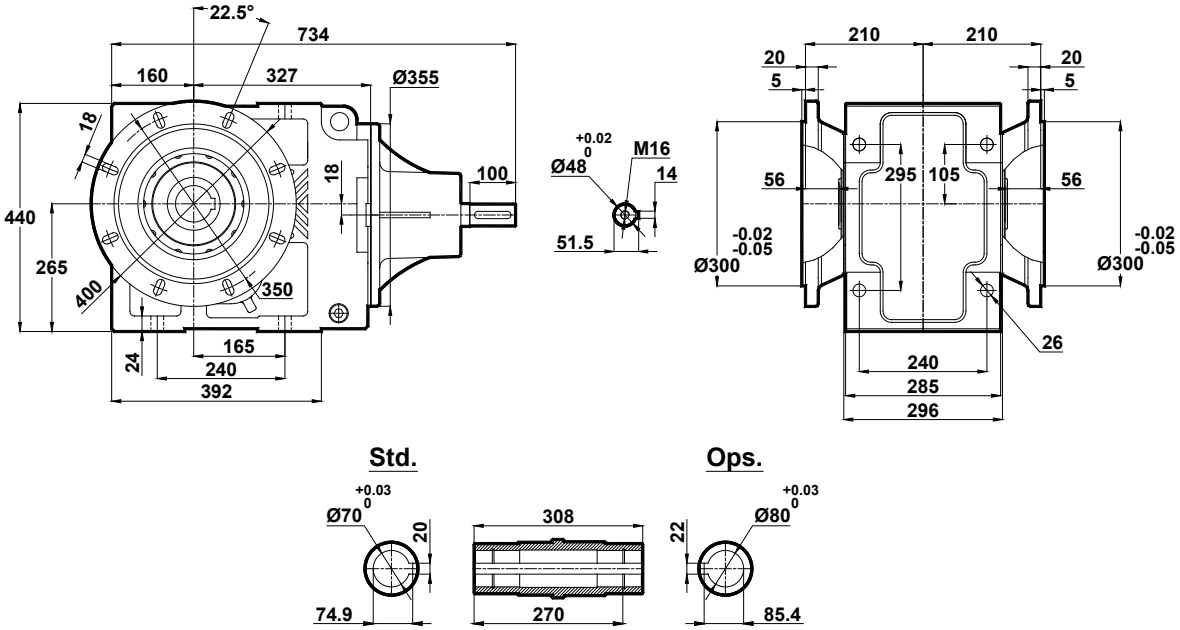


Please see on page 576 for optional flange dimensions

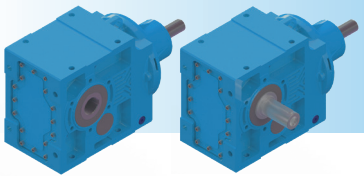


Tapped center hole to DIN 332, sheet 2

KT673.08

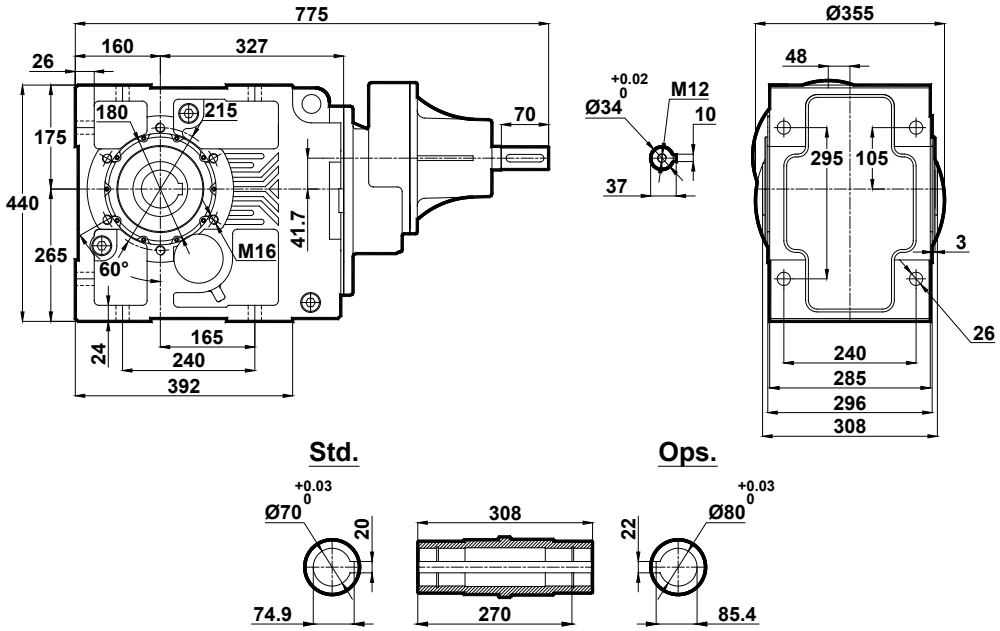


Please see on page 576 for optional flange dimensions

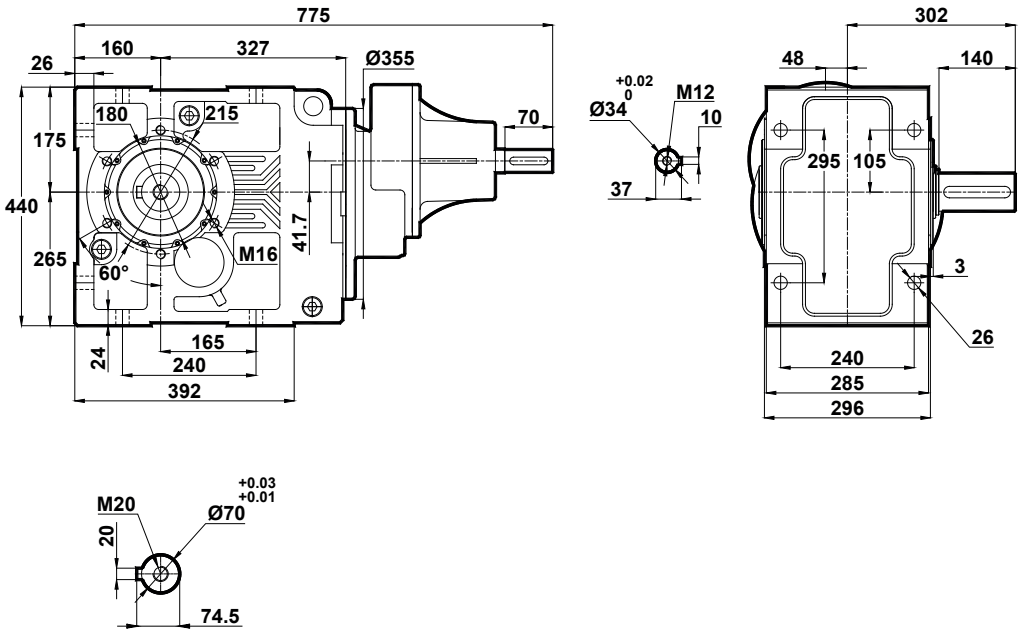


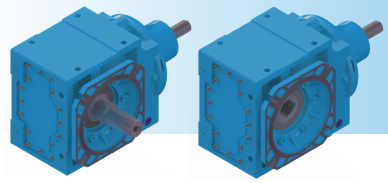
Tapped center hole to DIN 332, sheet 2

KT674.00



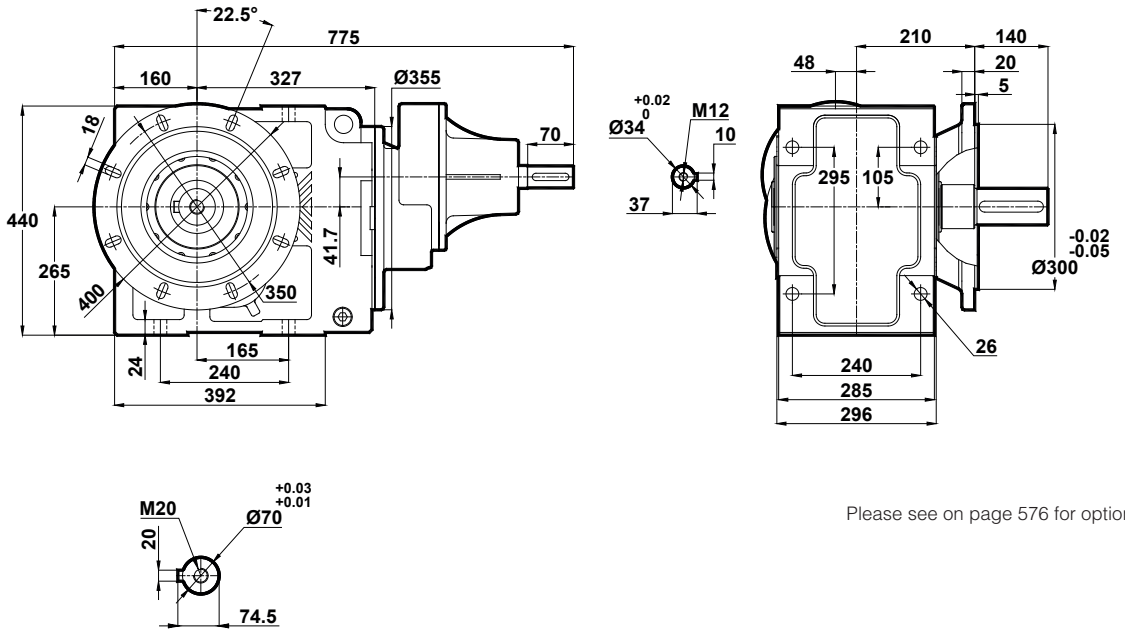
KT674.01





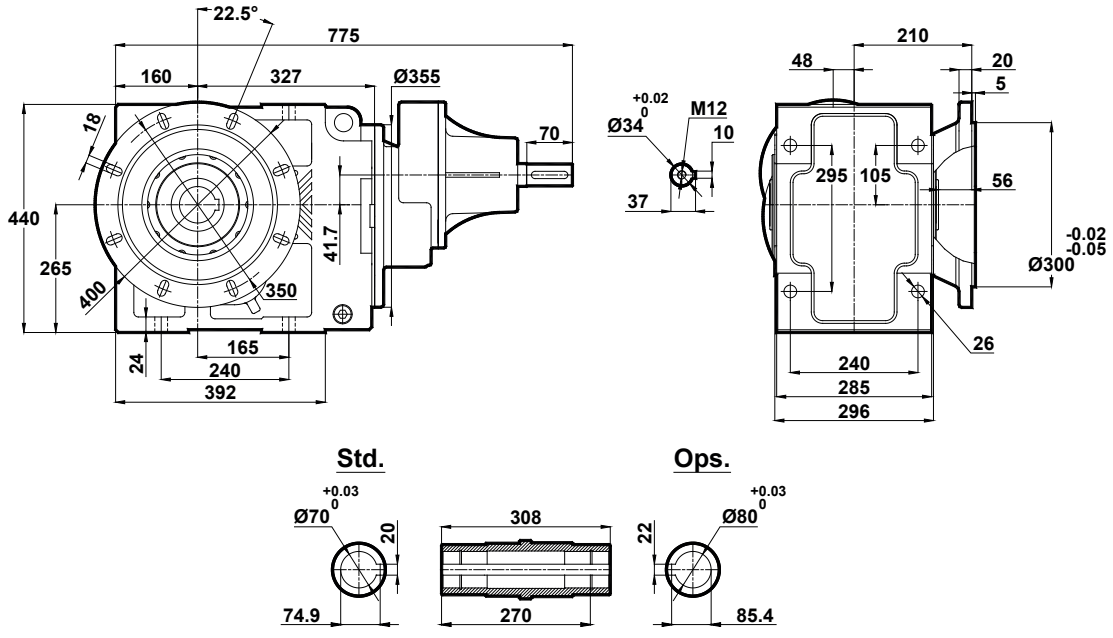
Tapped center hole to DIN 332, sheet 2

KT674.02

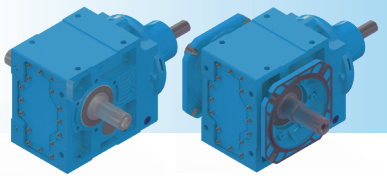


Please see on page 576 for optional flange dimensions

KT674.03

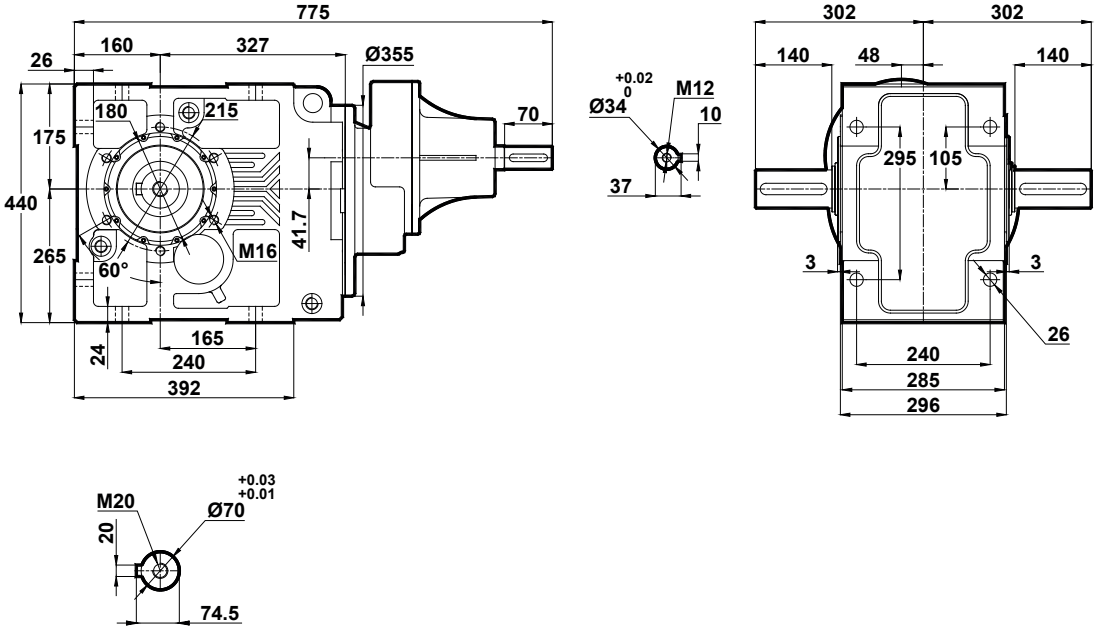


Please see on page 576 for optional flange dimensions

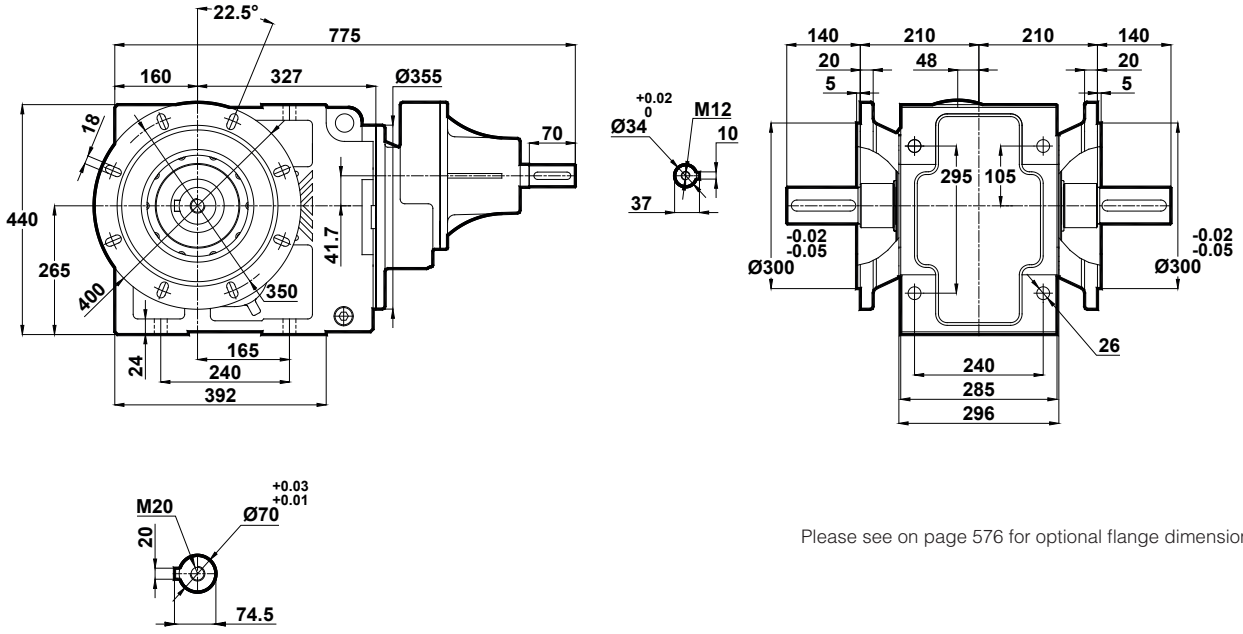


Tapped center hole to DIN 332, sheet 2

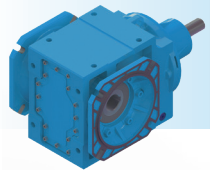
KT674.04



KT674.05

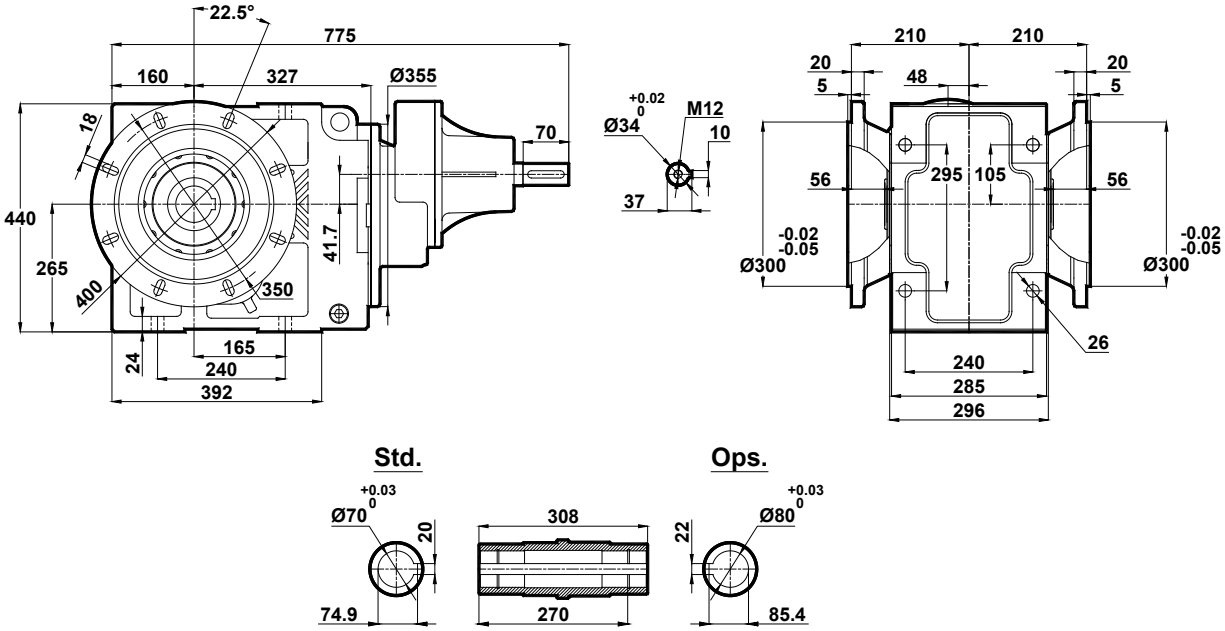


Please see on page 576 for optional flange dimensions

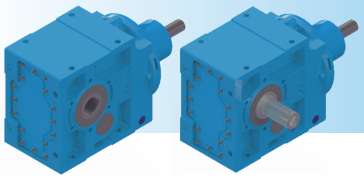


Tapped center hole to DIN 332, sheet 2

KT674.08

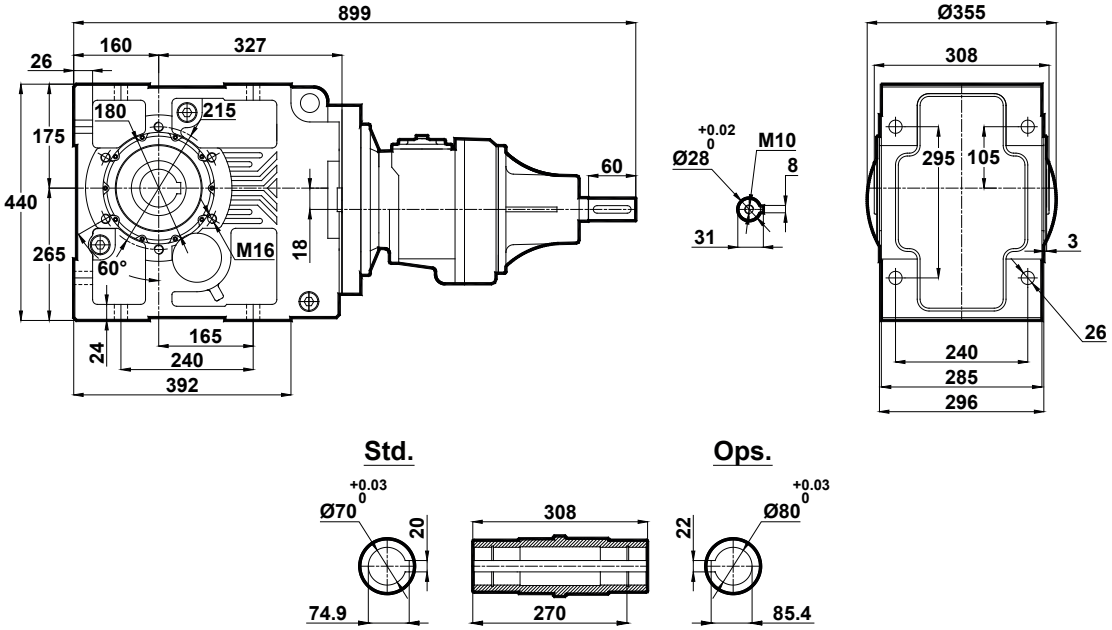


Please see on page 576 for optional flange dimensions

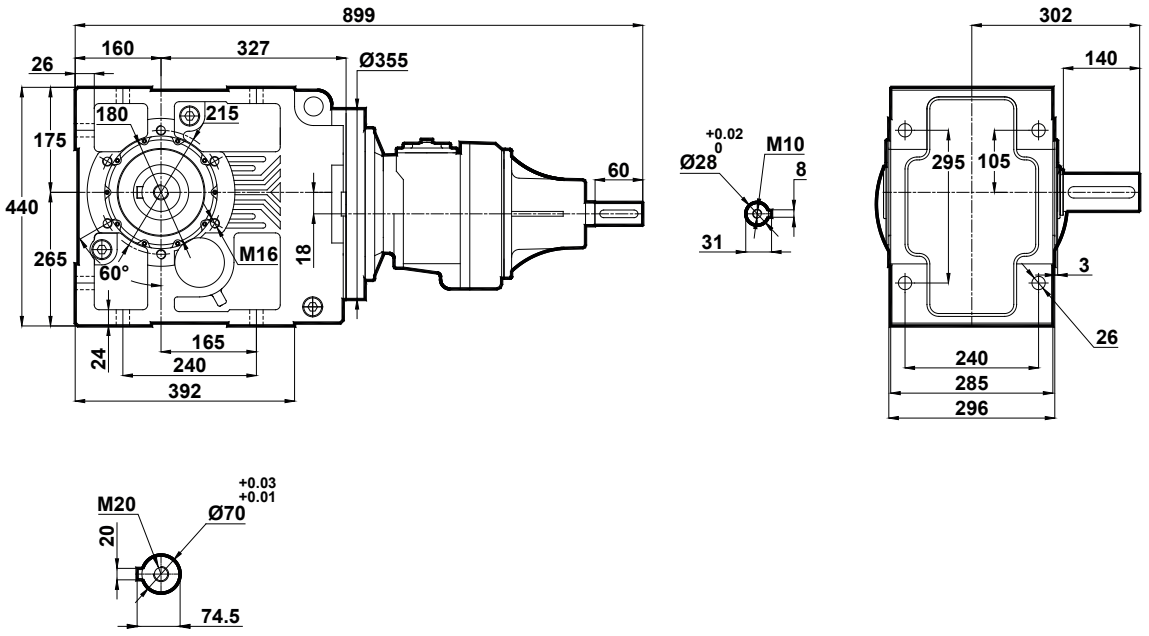


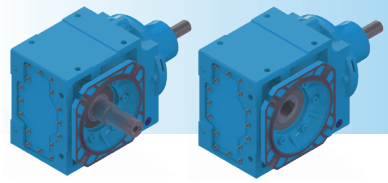
Tapped center hole to DIN 332, sheet 2

KT675.00
KT676.00



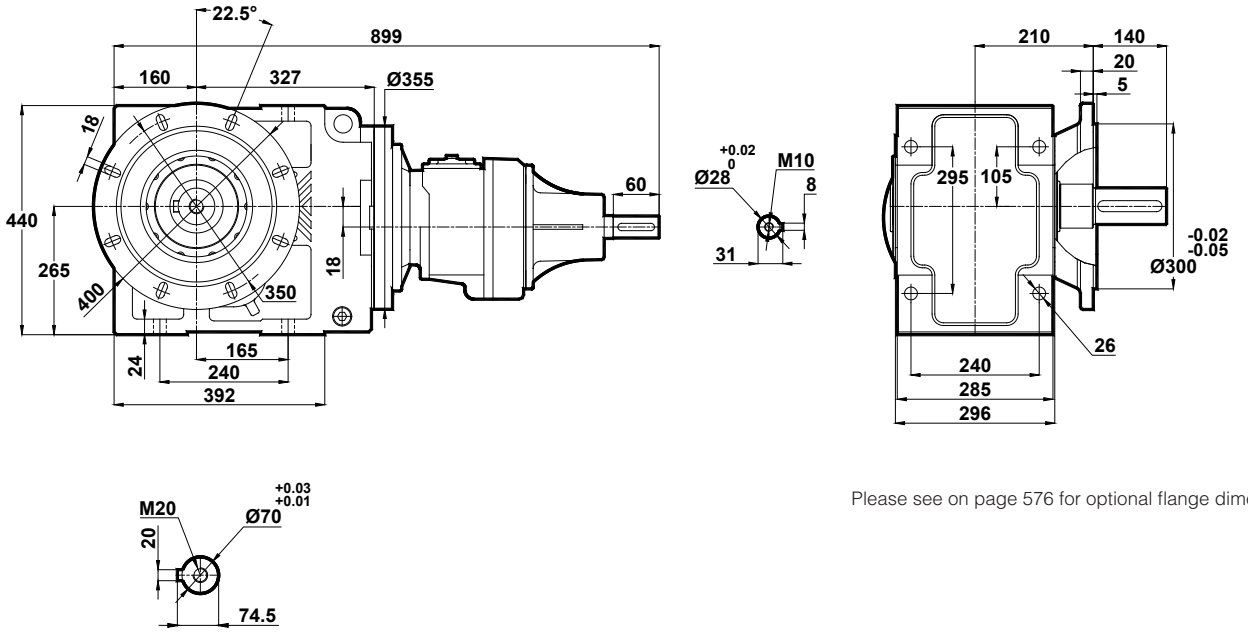
KT675.01
KT676.01





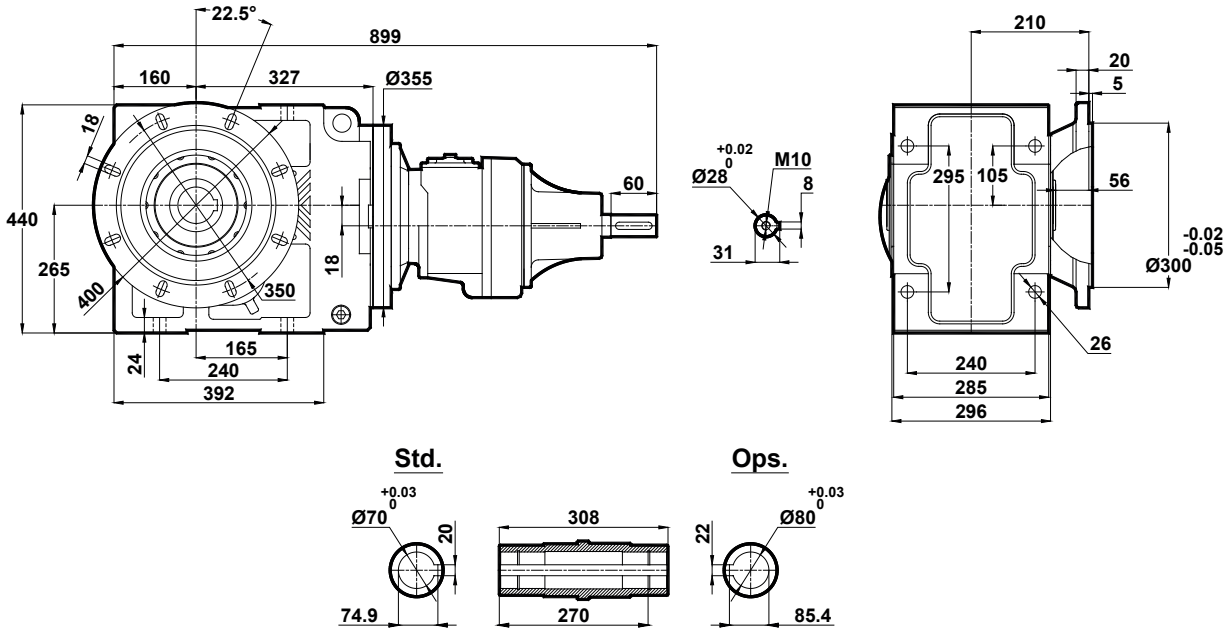
Tapped center hole to DIN 332, sheet 2

KT675.02
KT676.02

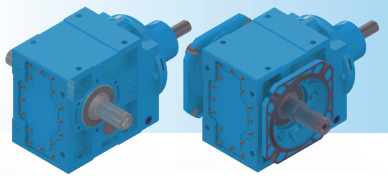


Please see on page 576 for optional flange dimensions

KT675.03
KT676.03

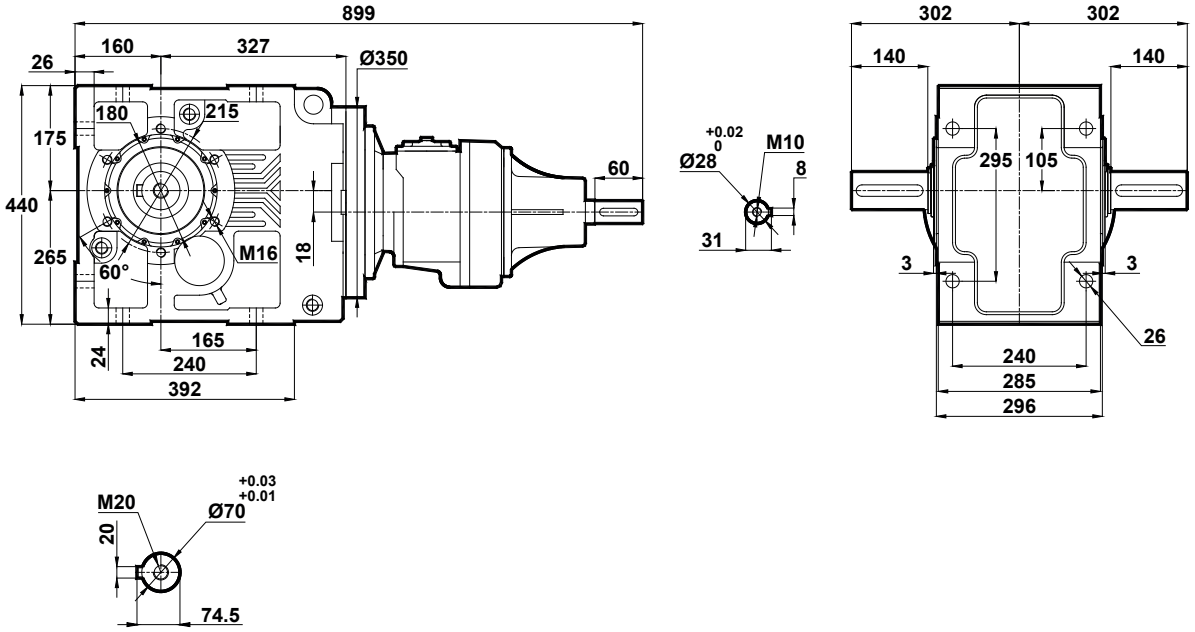


Please see on page 576 for optional flange dimensions

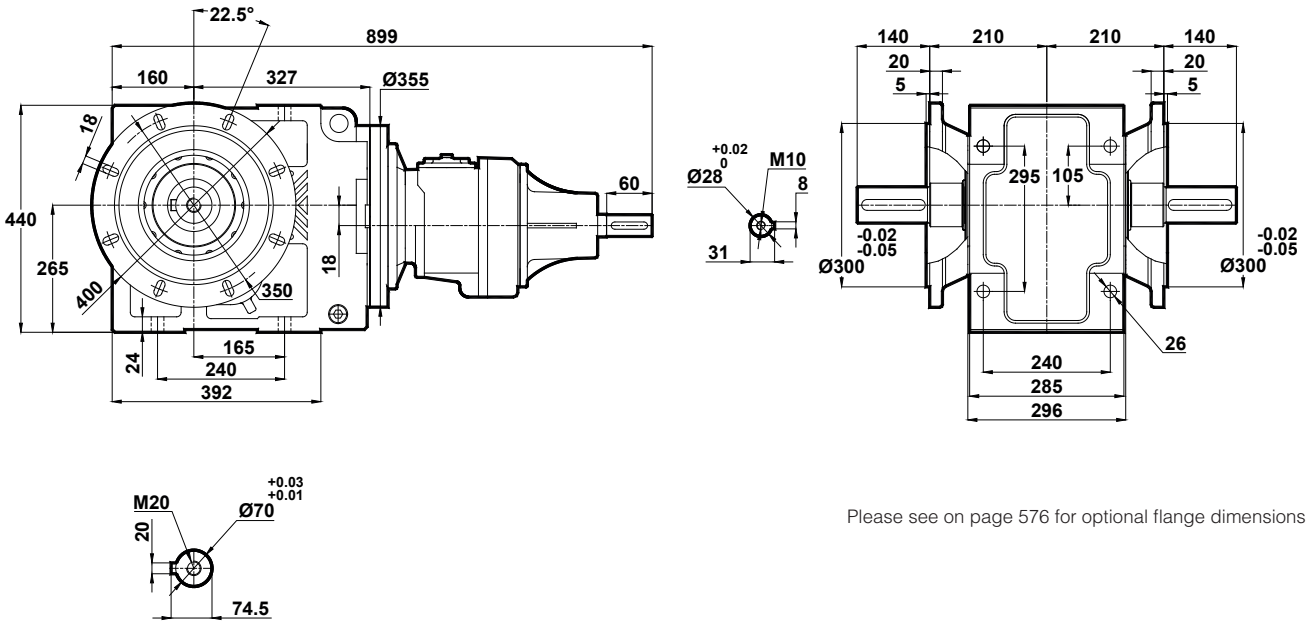


Tapped center hole to DIN 332, sheet 2

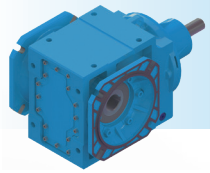
KT675.04
KT676.04



KT675.05
KT676.05

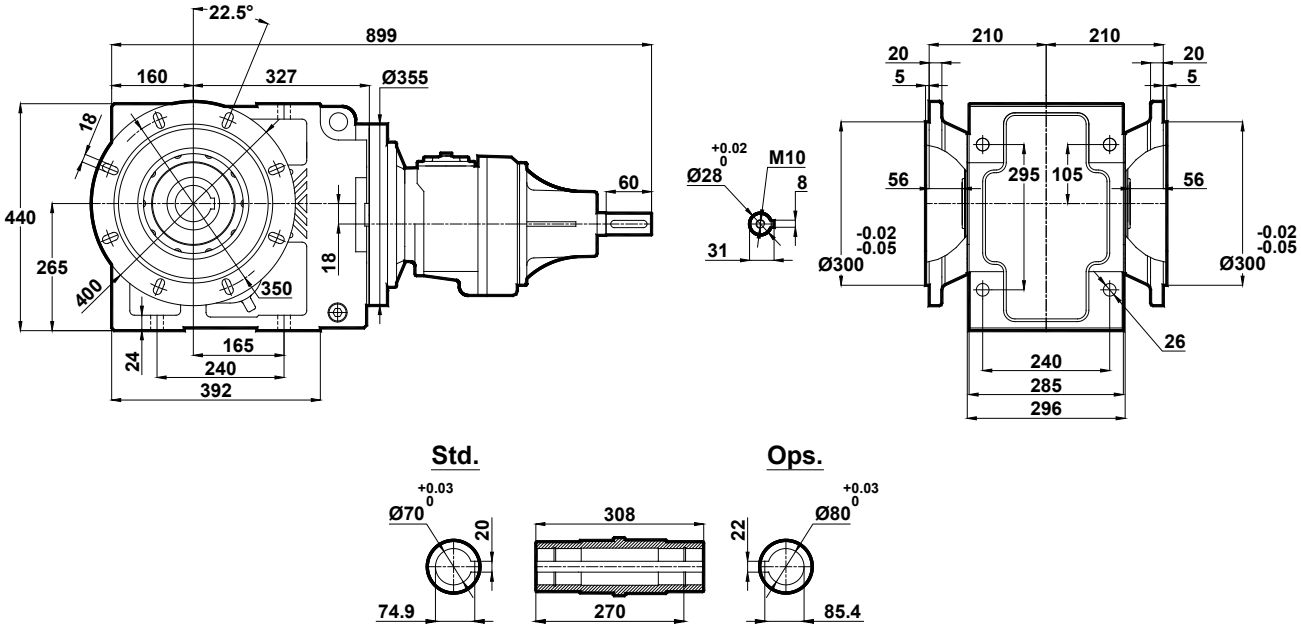


Please see on page 576 for optional flange dimensions

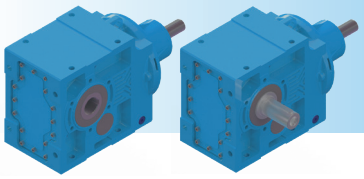


Tapped center hole to DIN 332, sheet 2

KT675.08
KT676.08

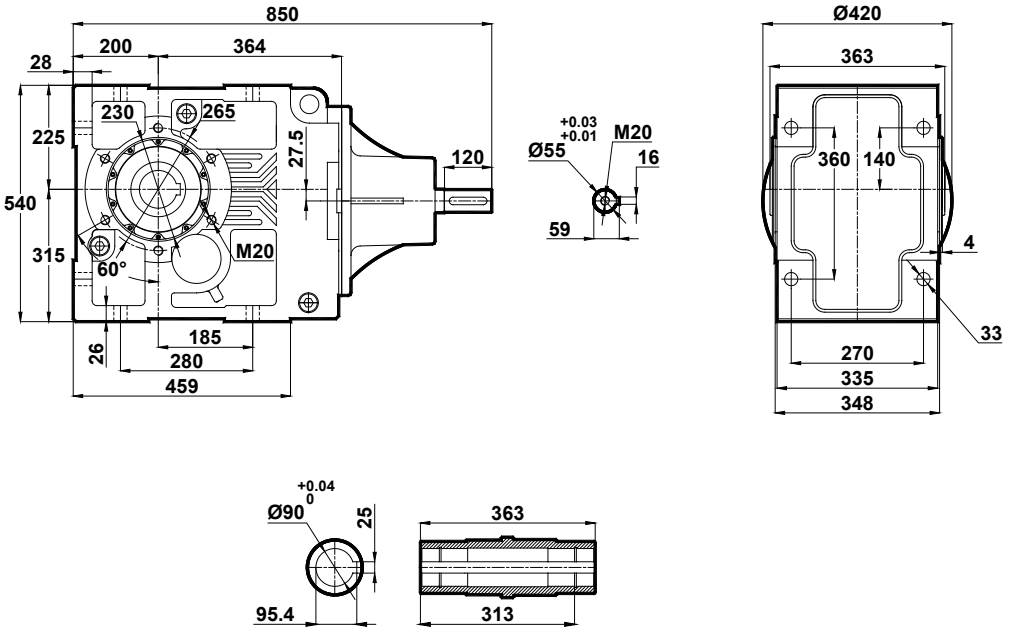


Please see on page 576 for optional flange dimensions

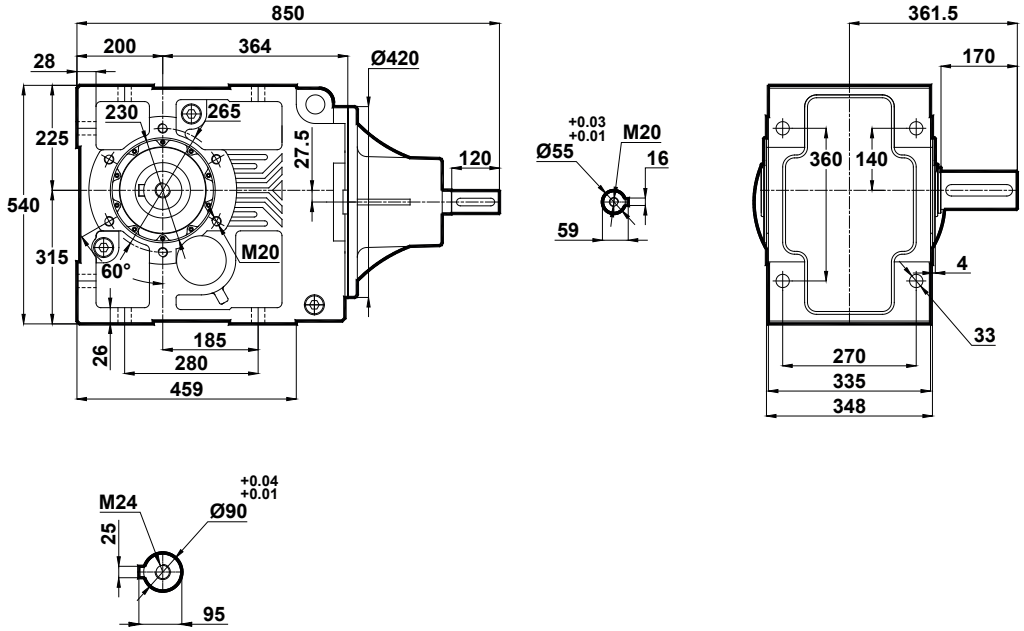


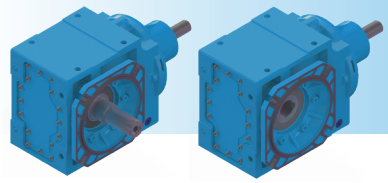
Tapped center hole to DIN 332, sheet 2

KT773.00



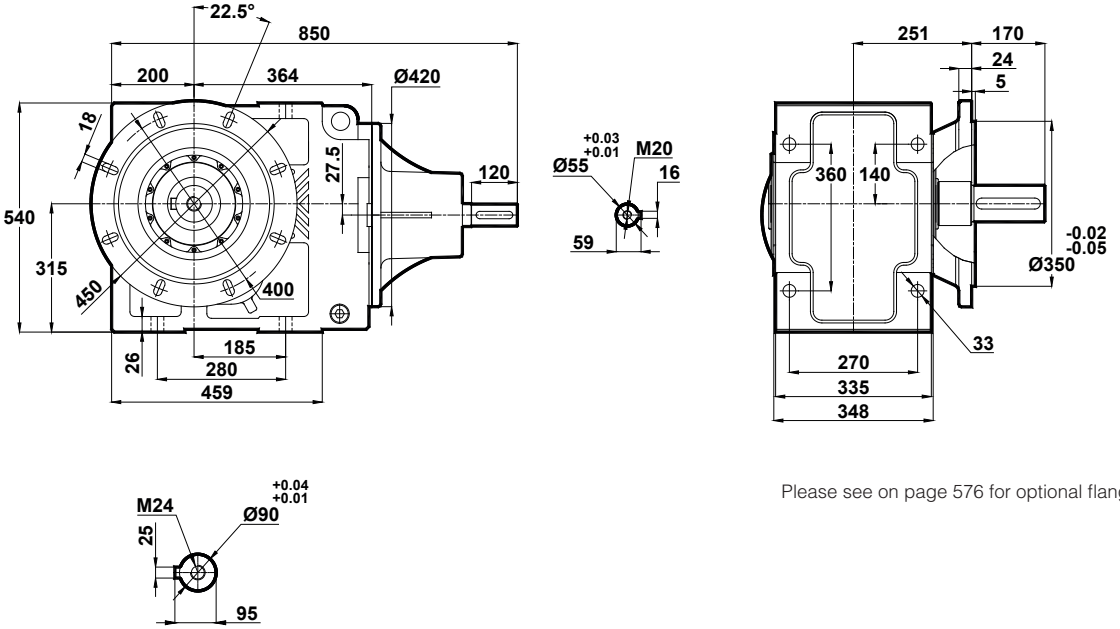
KT773.01





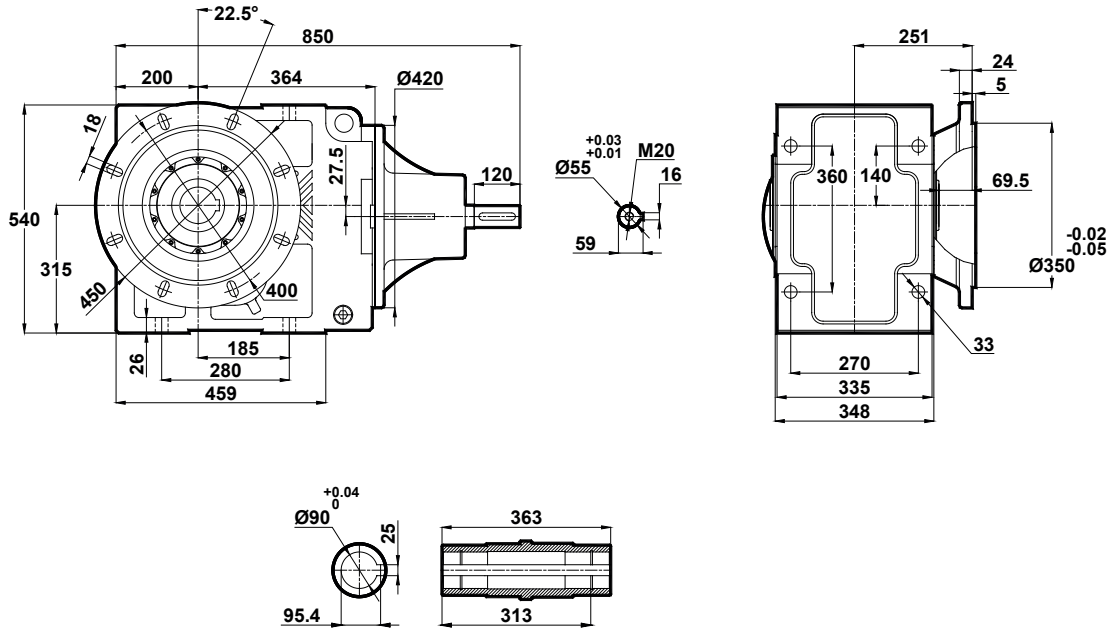
Tapped center hole to DIN 332, sheet 2

KT773.02

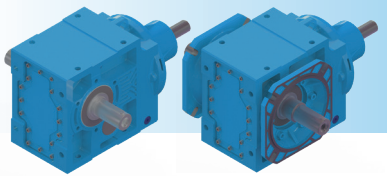


Please see on page 576 for optional flange dimensions

KT773.03

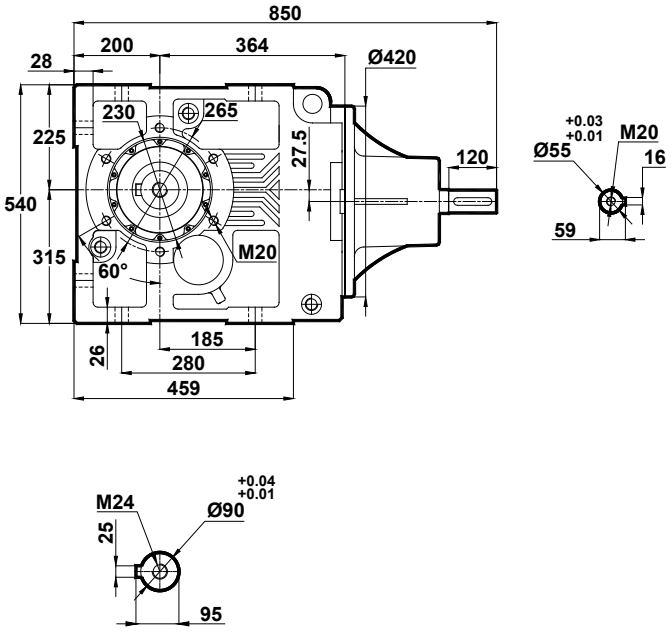


Please see on page 576 for optional flange dimensions

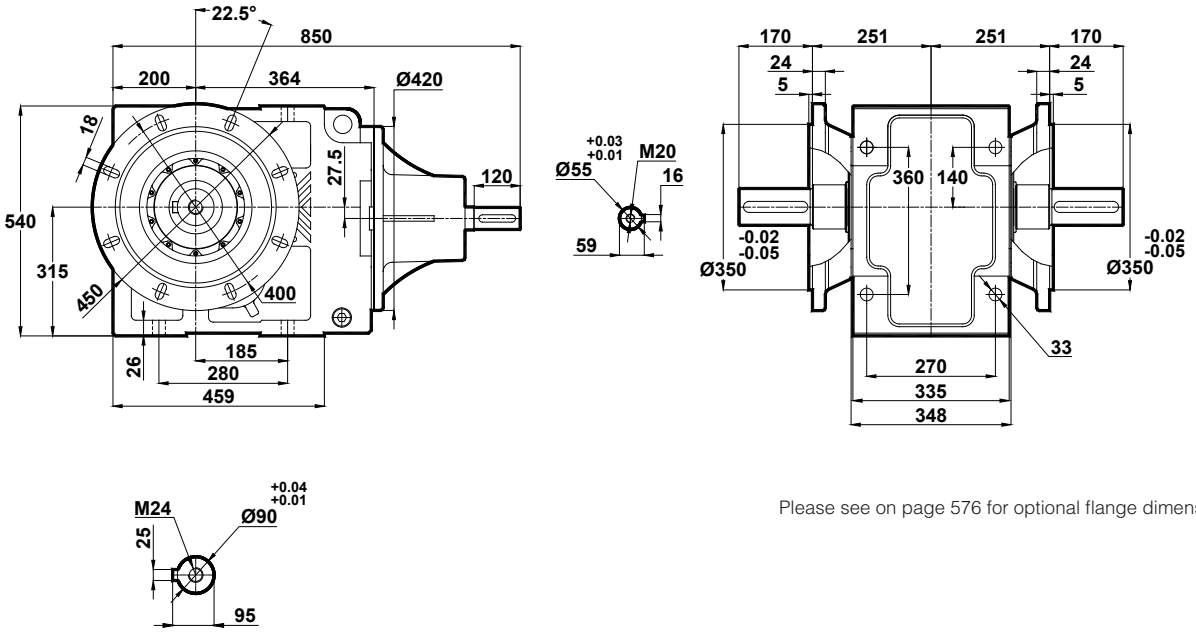


Tapped center hole to DIN 332, sheet 2

KT773.04



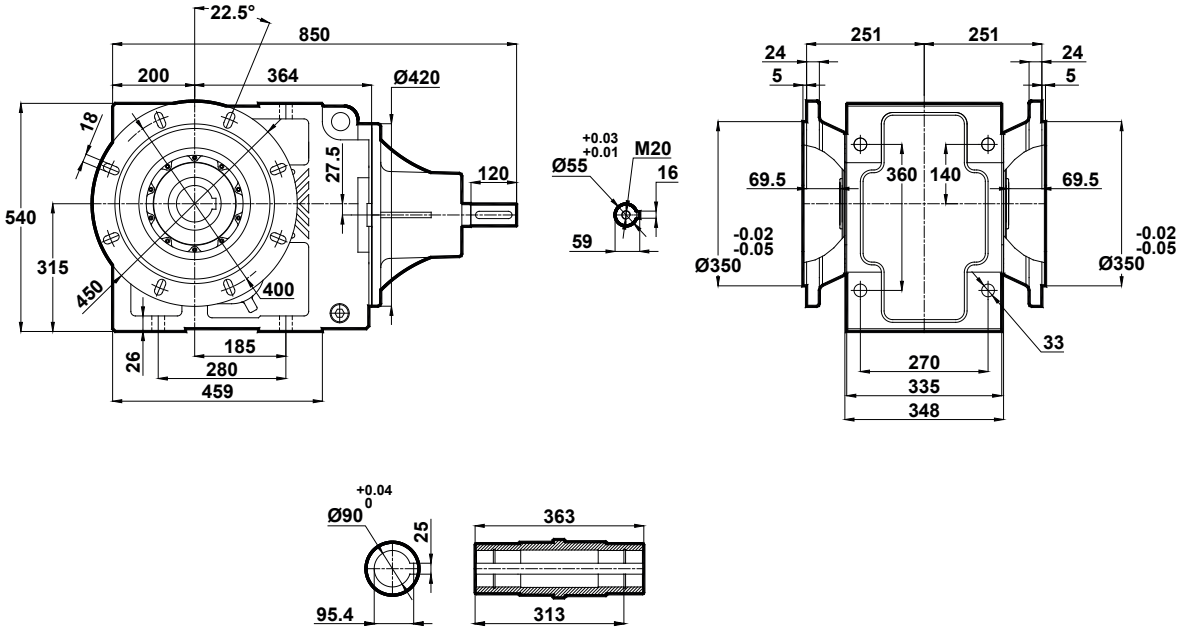
KT773.05



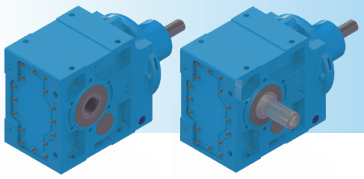
Please see on page 576 for optional flange dimensions

Tapped center hole to DIN 332, sheet 2

KT773.08

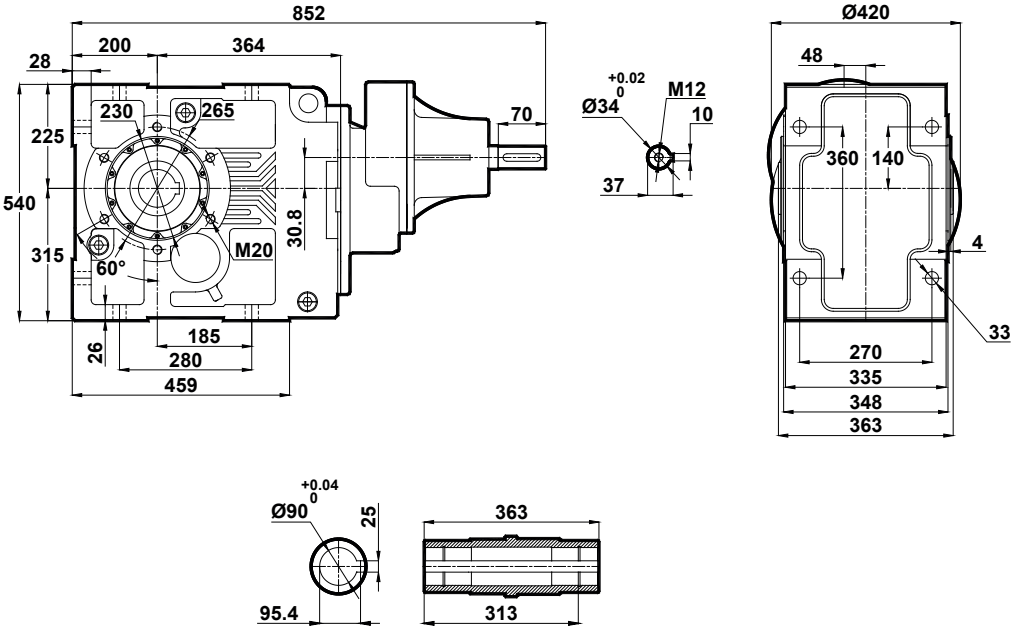


Please see on page 576 for optional flange dimensions

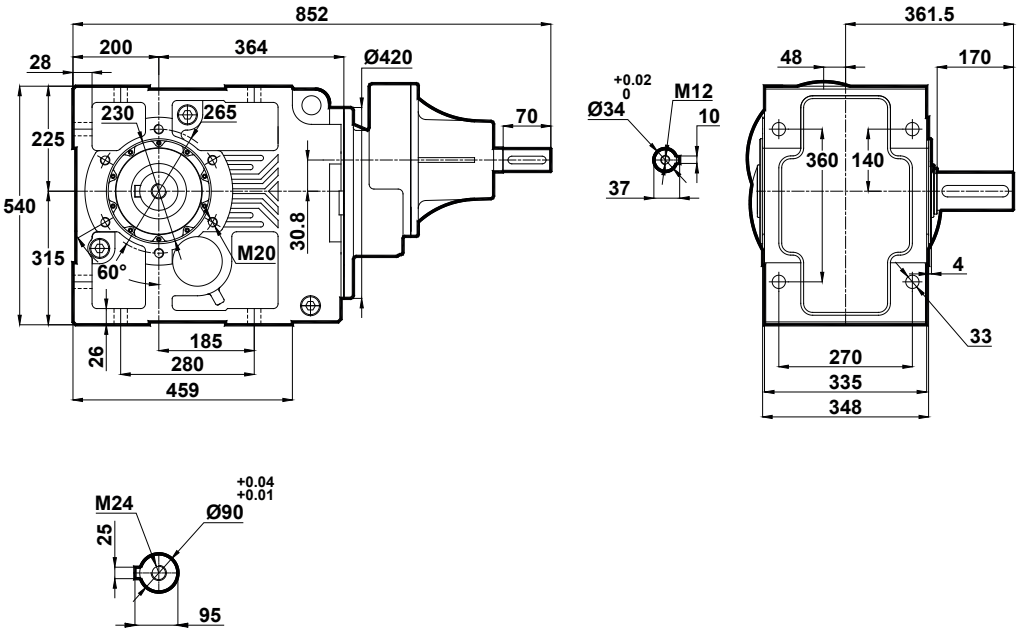


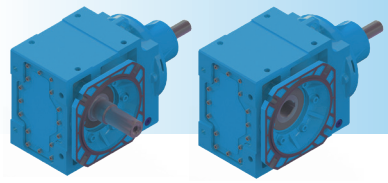
Tapped center hole to DIN 332, sheet 2

KT774.00



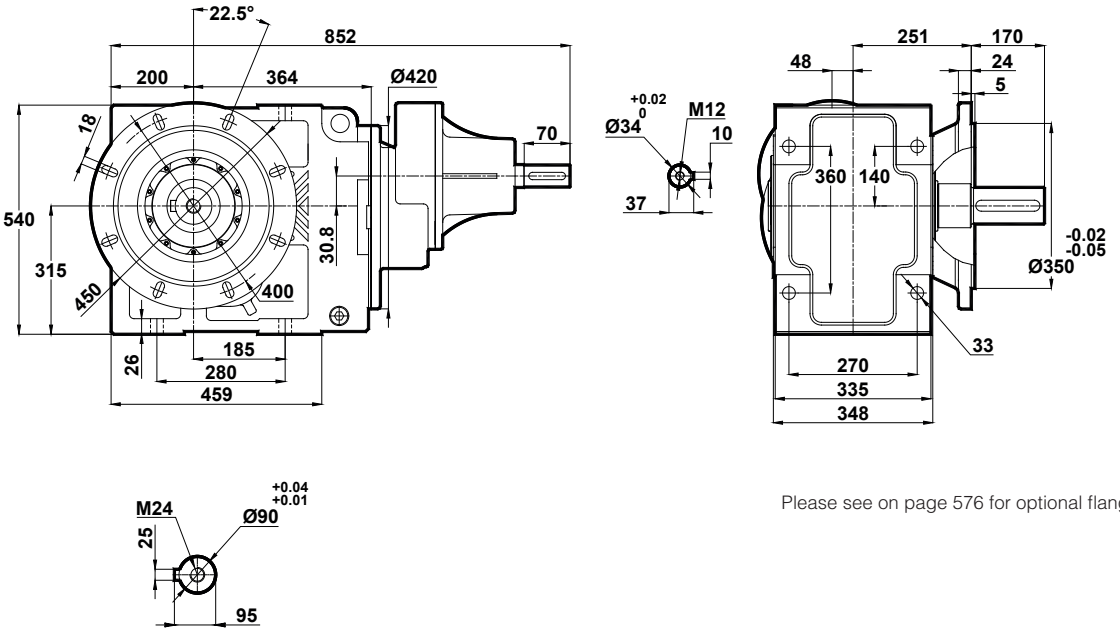
KT774.01





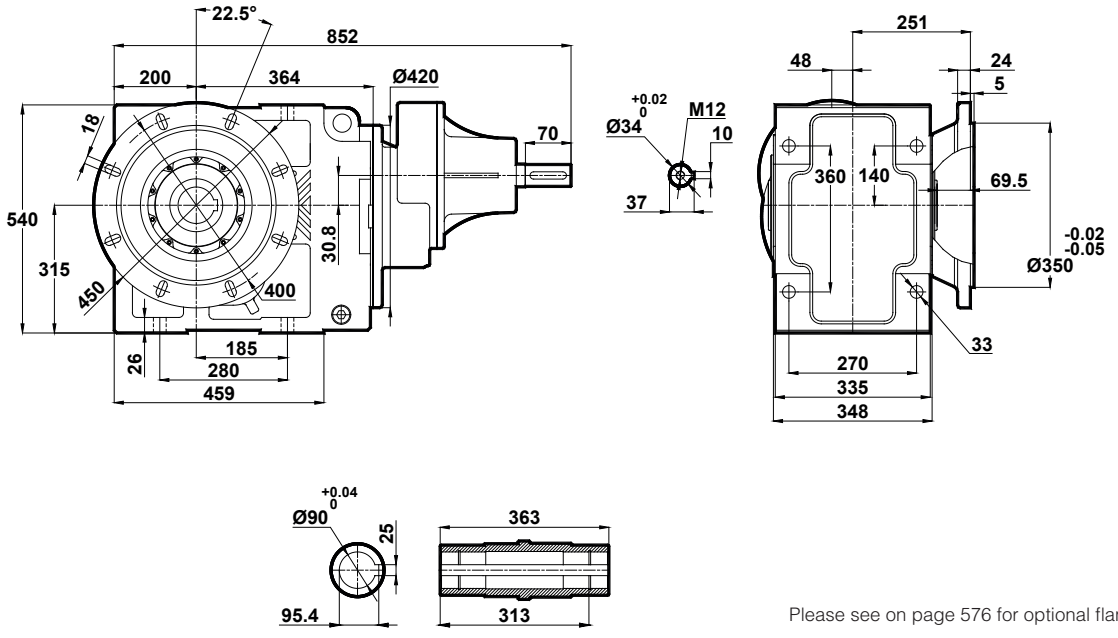
Tapped center hole to DIN 332, sheet 2

KT774.02

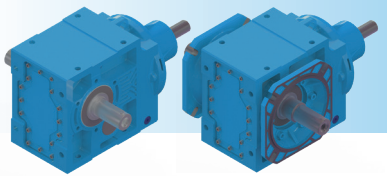


Please see on page 576 for optional flange dimensions

KT774.03

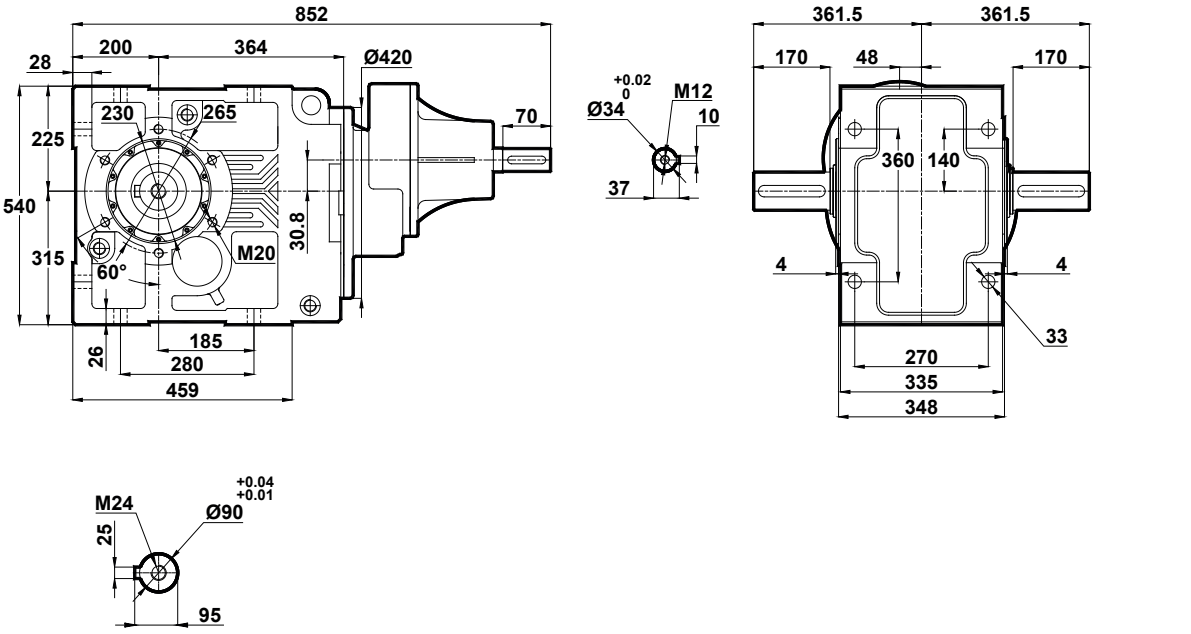


Please see on page 576 for optional flange dimensions

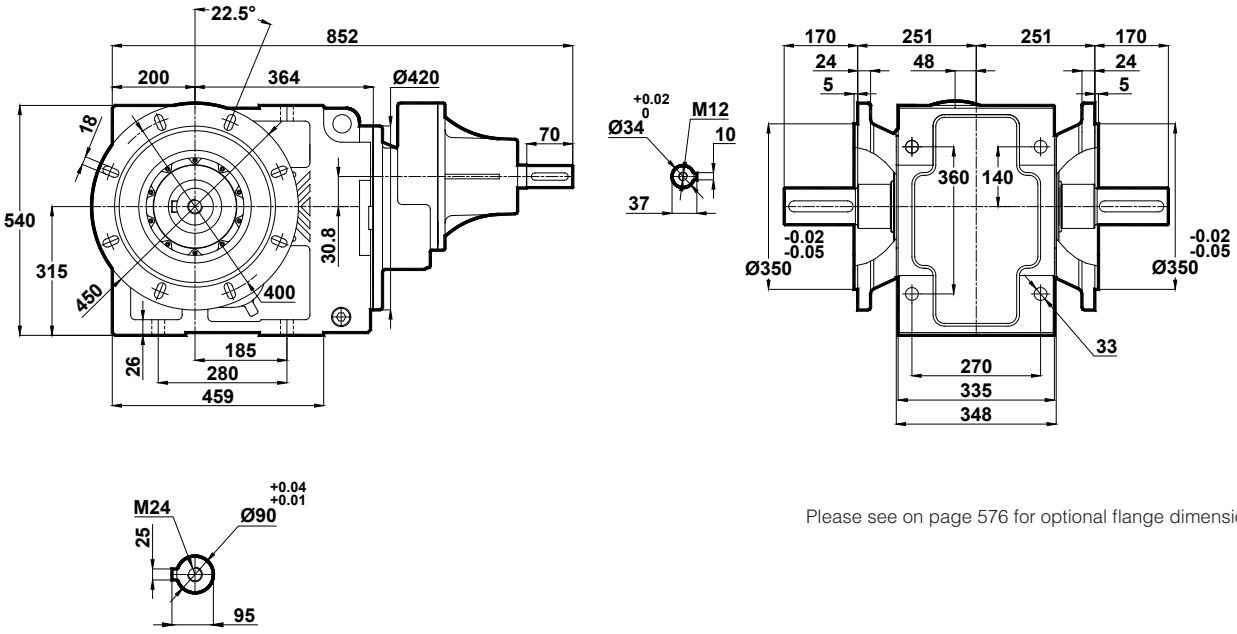


Tapped center hole to DIN 332, sheet 2

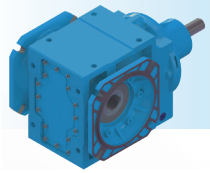
KT774.04



KT774.05

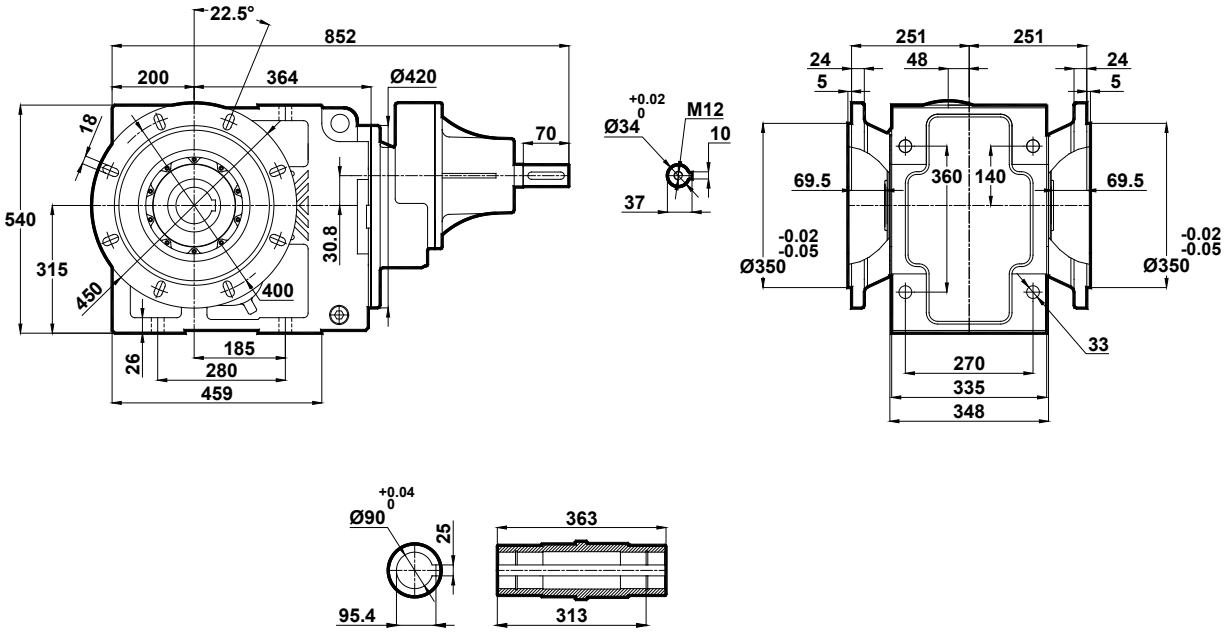


Please see on page 576 for optional flange dimensions

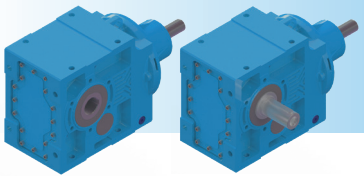


Tapped center hole to DIN 332, sheet 2

KT774.08

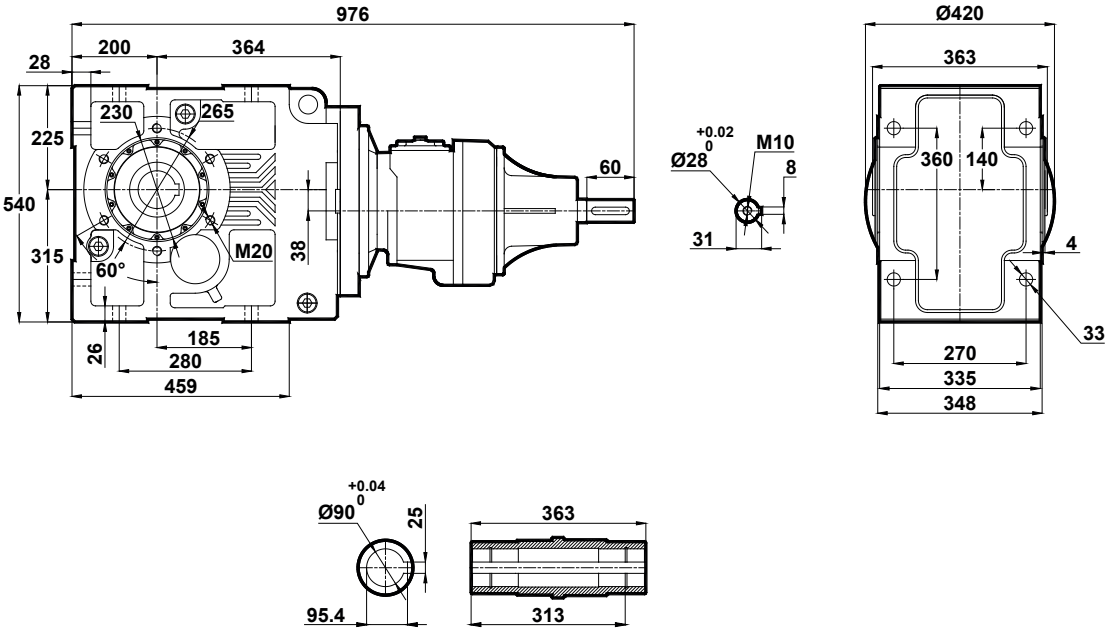


Please see on page 576 for optional flange dimensions

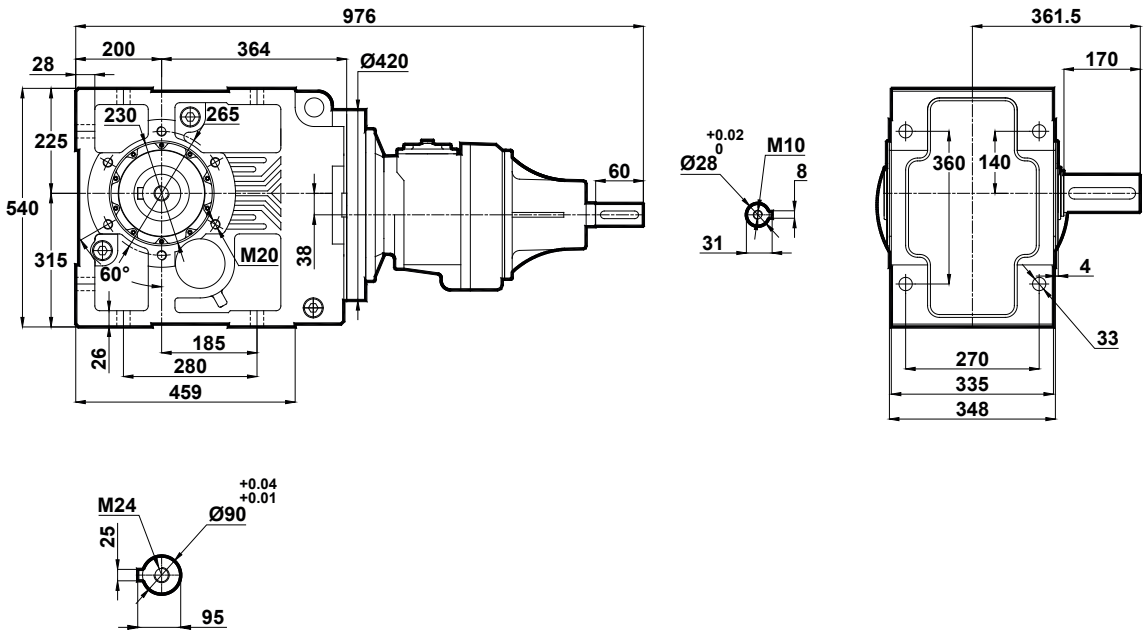


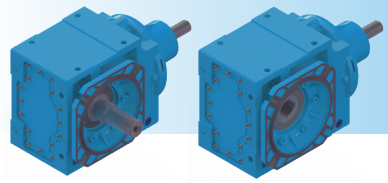
Tapped center hole to DIN 332, sheet 2

KT775.00
KT776.00



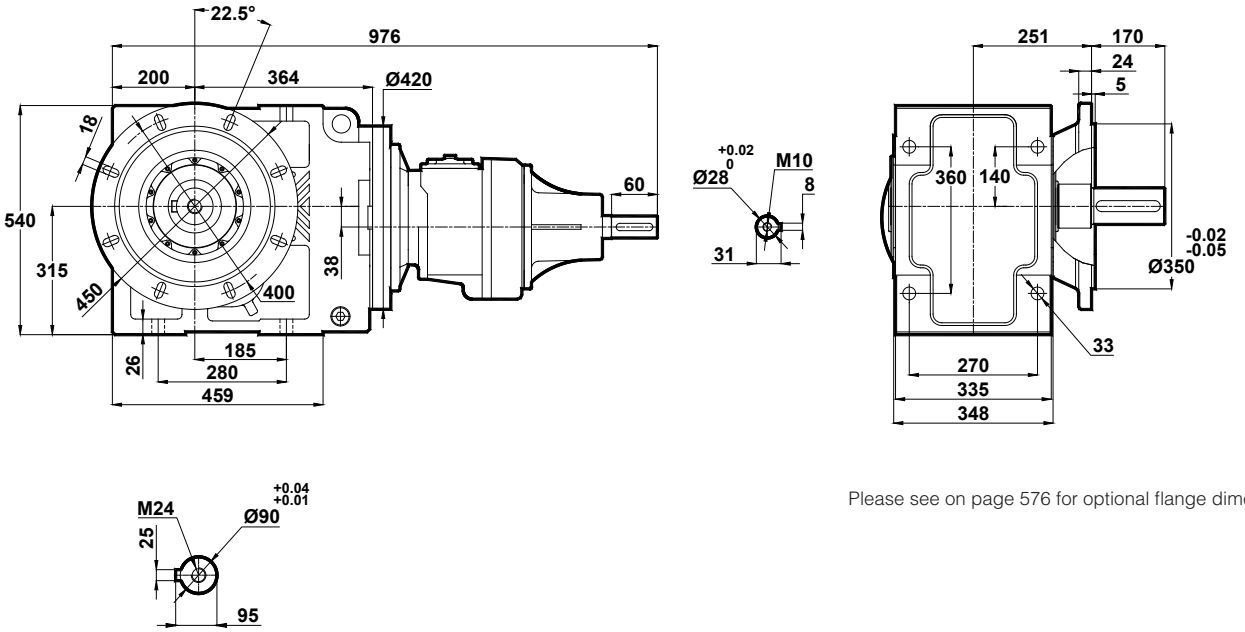
KT775.01
KT776.01





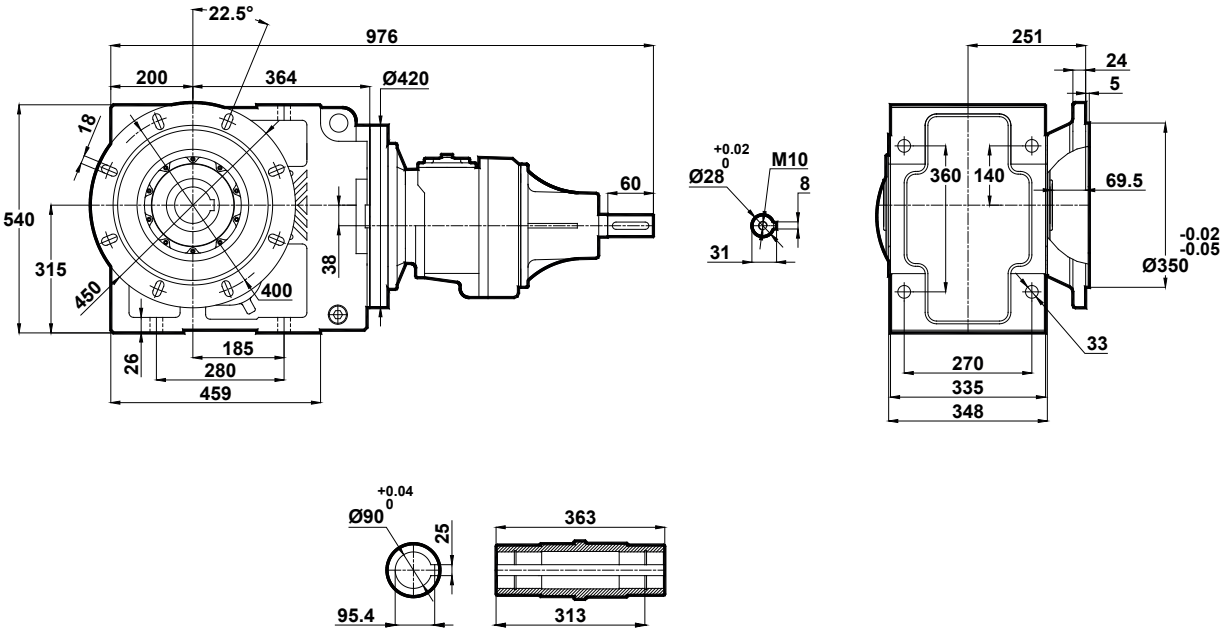
Tapped center hole to DIN 332, sheet 2

KT775.02
KT776.02

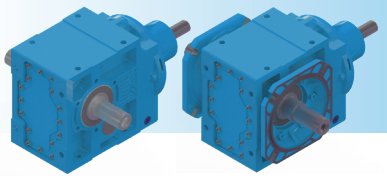


Please see on page 576 for optional flange dimensions

KT775.03
KT776.03

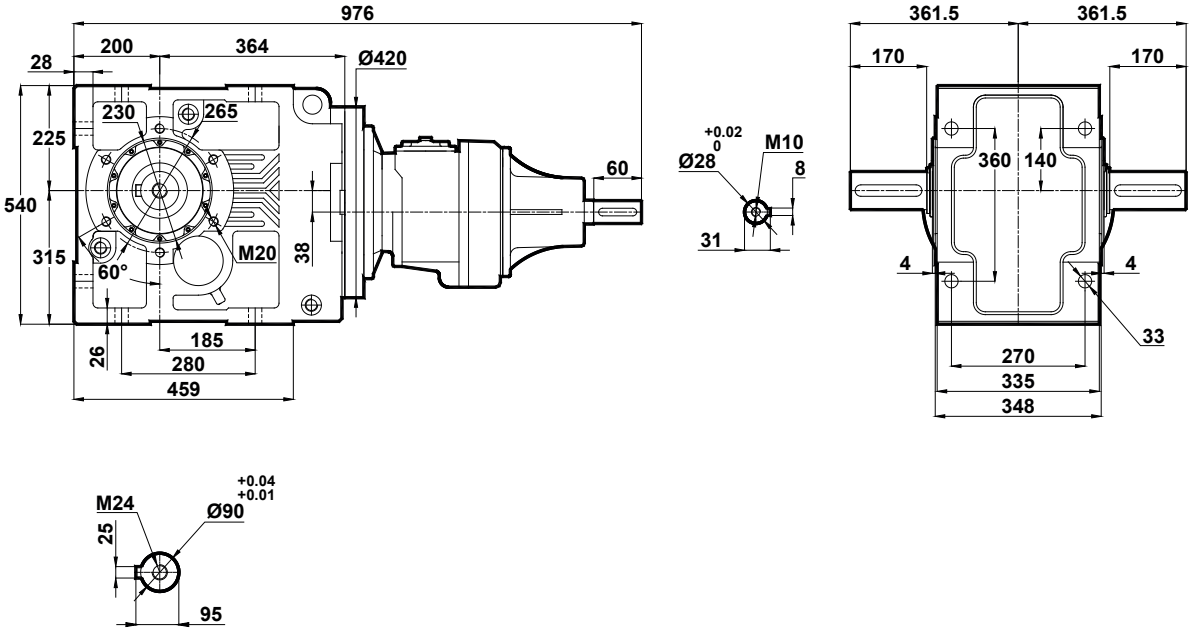


Please see on page 576 for optional flange dimensions

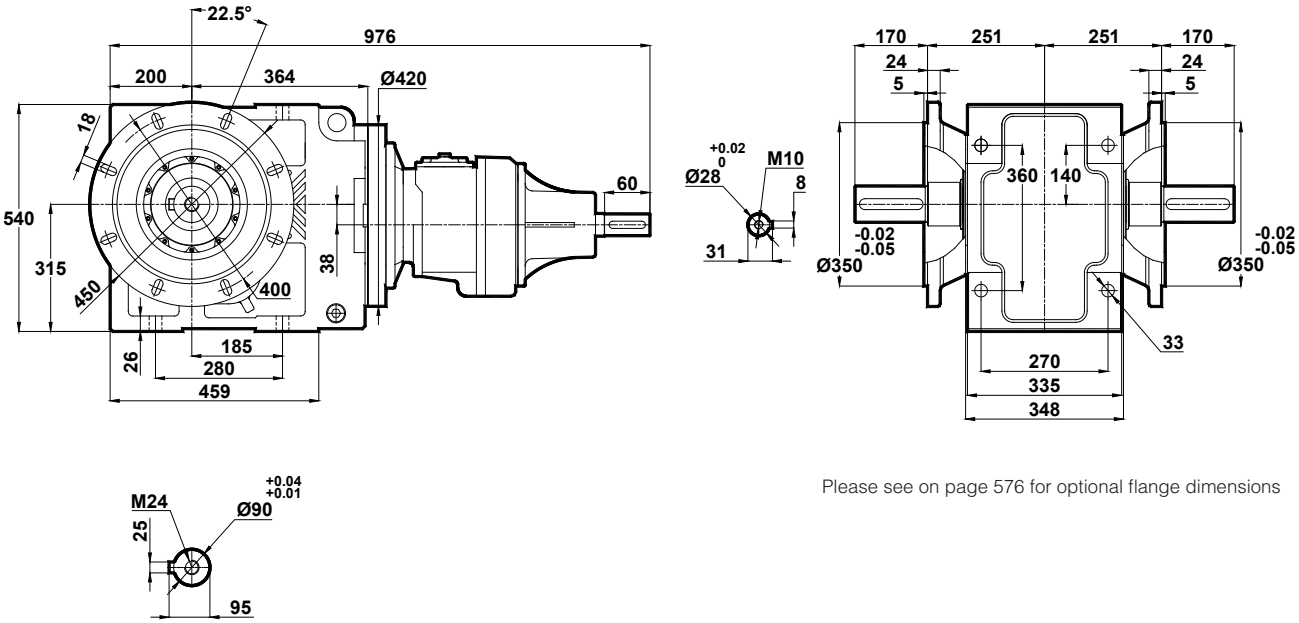


Tapped center hole to DIN 332, sheet 2

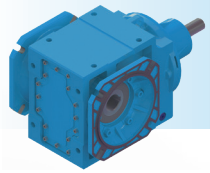
KT775.04
KT776.04



KT775.05
KT776.05

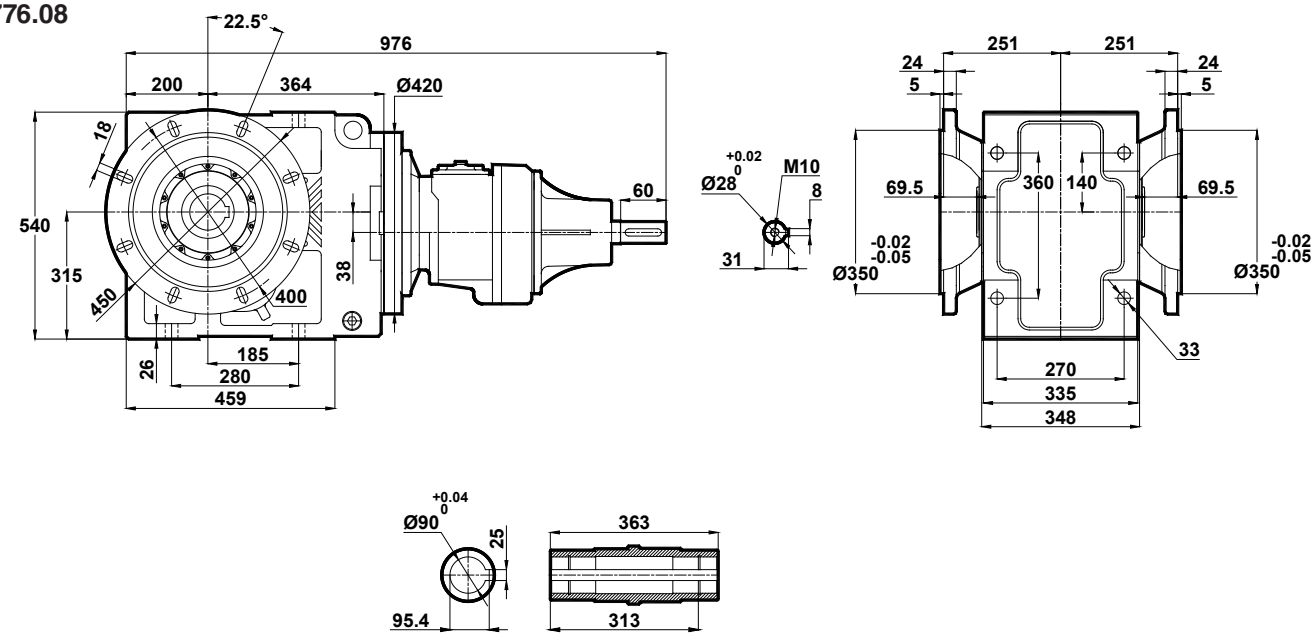


Please see on page 576 for optional flange dimensions

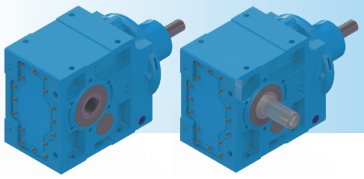


Tapped center hole to DIN 332, sheet 2

KT775.08
KT776.08

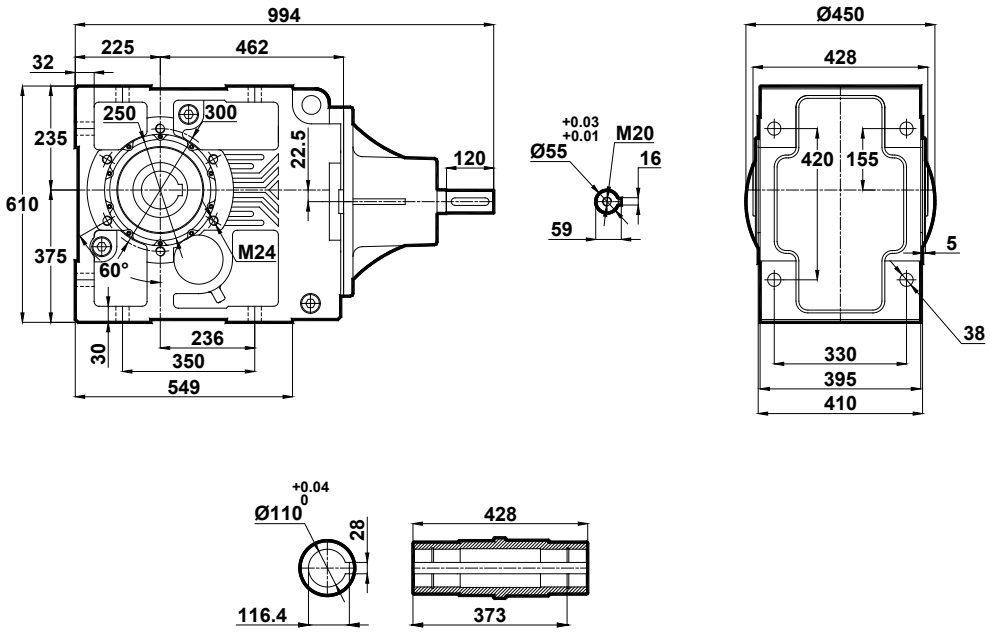


Please see on page 576 for optional flange dimensions

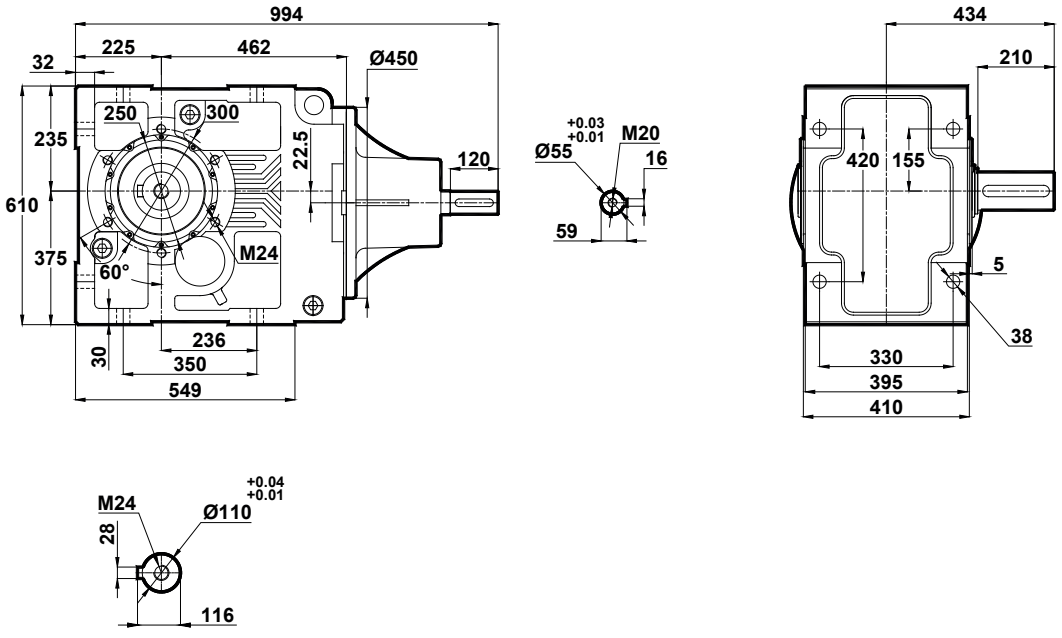


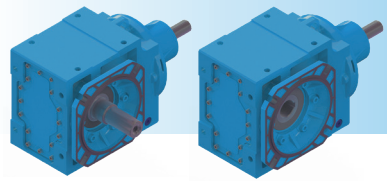
Tapped center hole to DIN 332, sheet 2

KT873.00



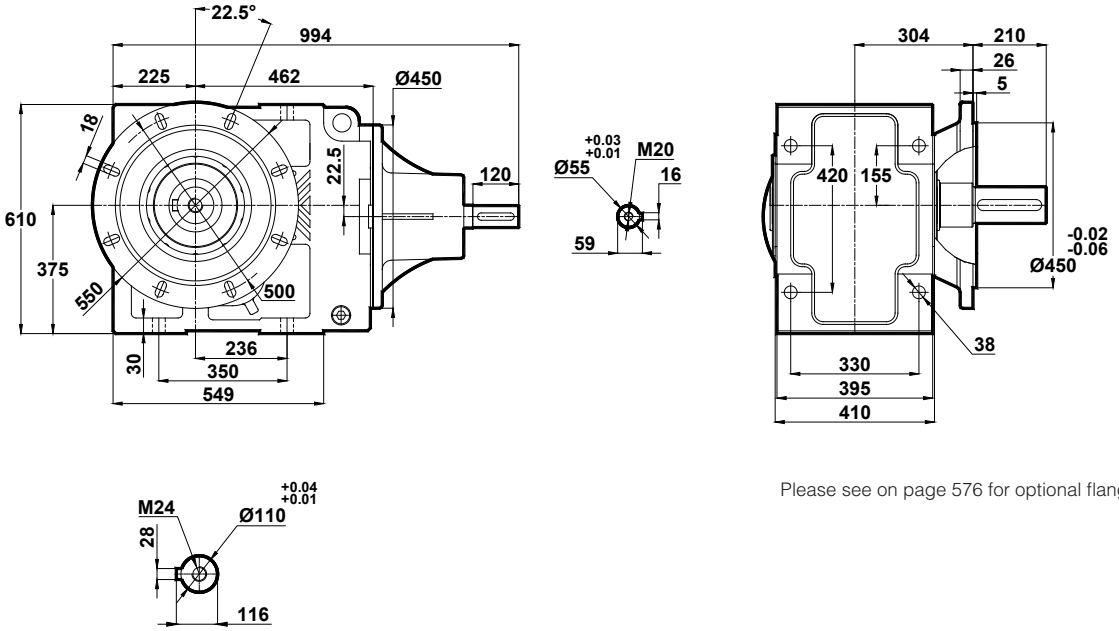
KT873.01





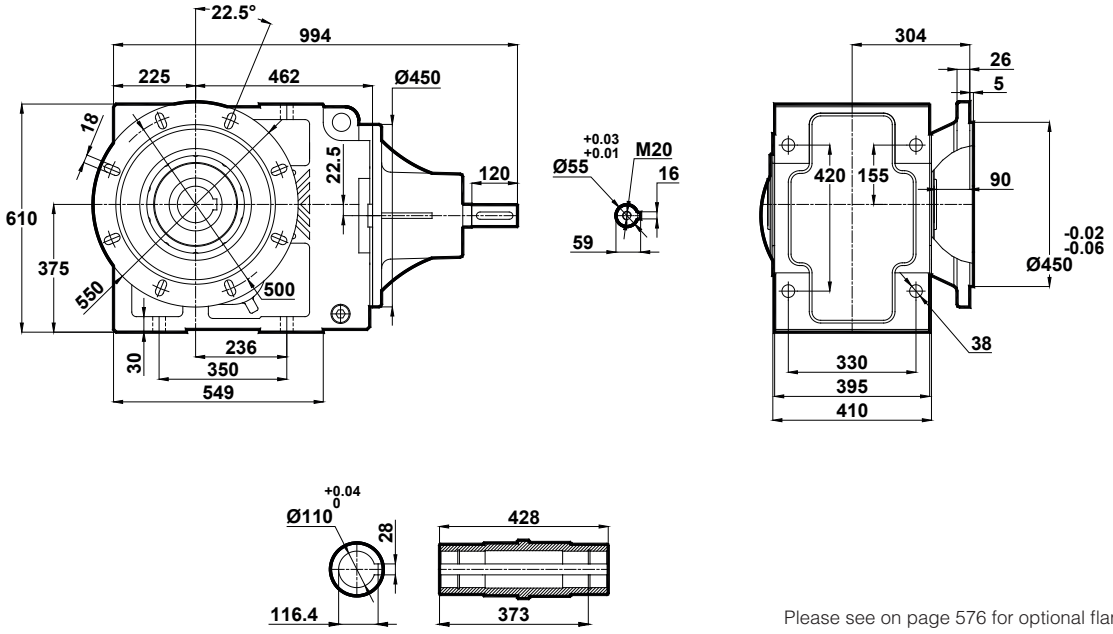
Tapped center hole to DIN 332, sheet 2

KT873.02

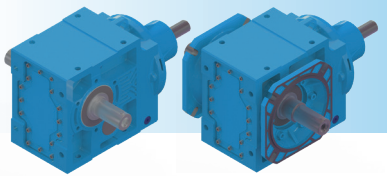


Please see on page 576 for optional flange dimensions

KT873.03

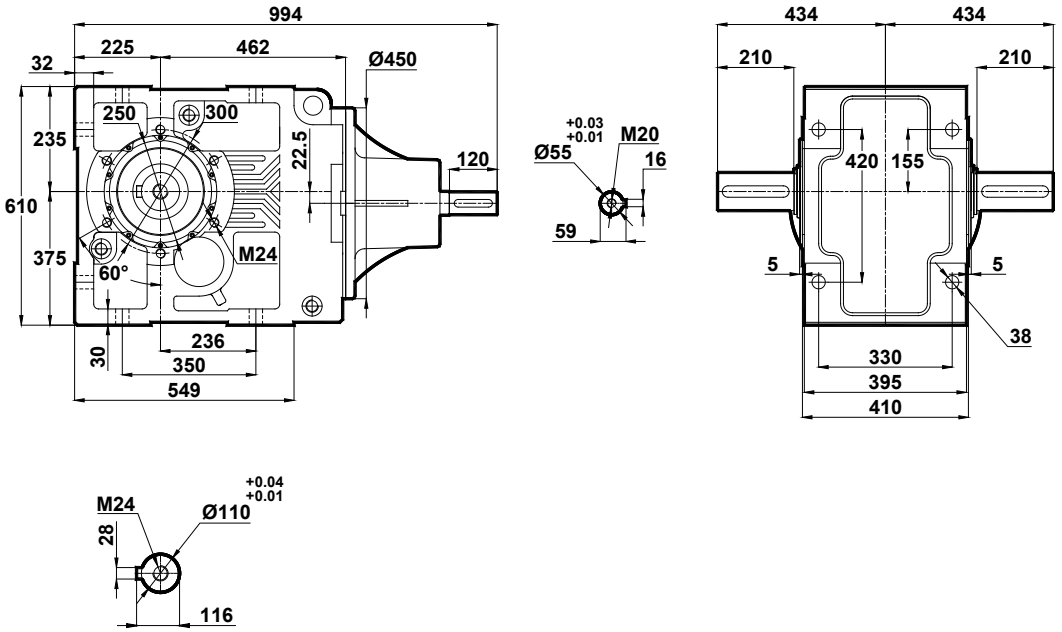


Please see on page 576 for optional flange dimensions

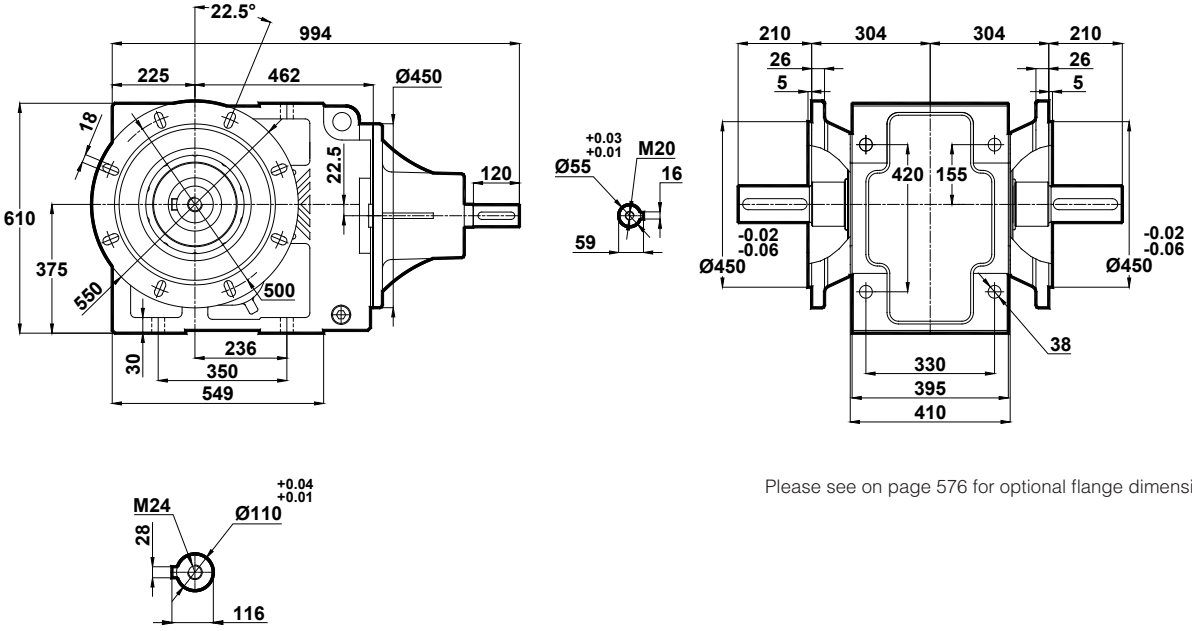


Tapped center hole to DIN 332, sheet 2

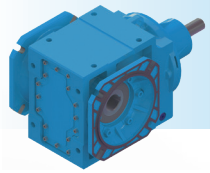
KT873.04



KT873.05

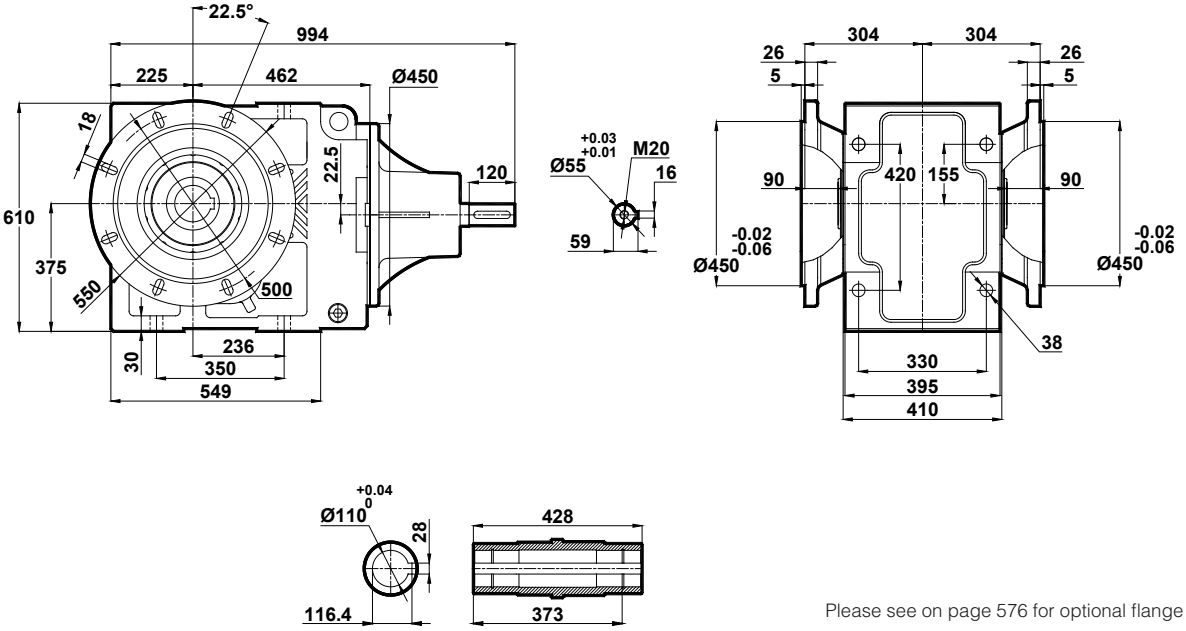


Please see on page 576 for optional flange dimensions

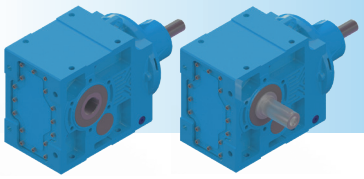


Tapped center hole to DIN 332, sheet 2

KT873.08

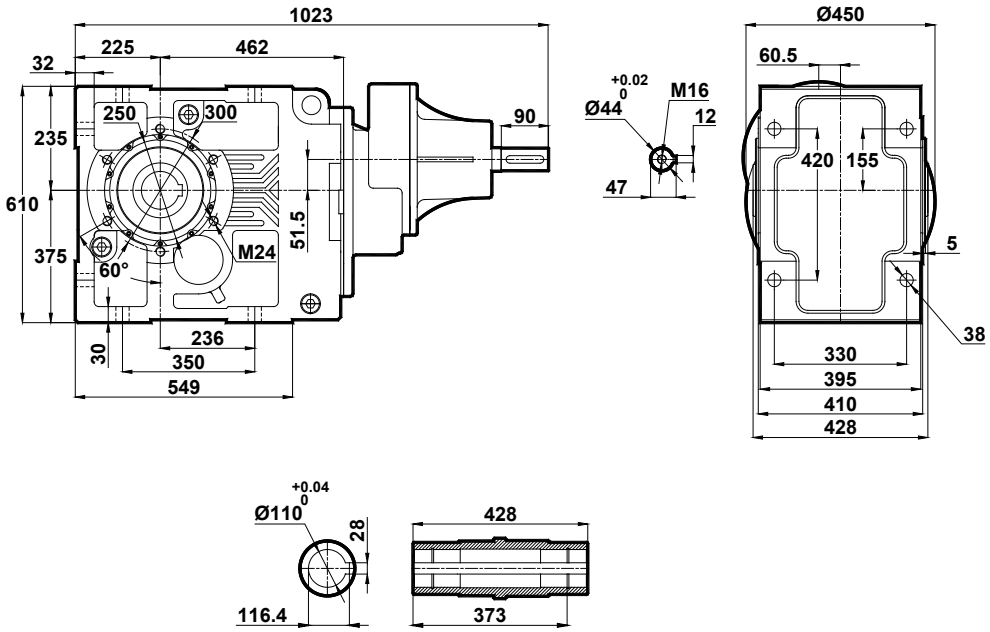


Please see on page 576 for optional flange dimensions

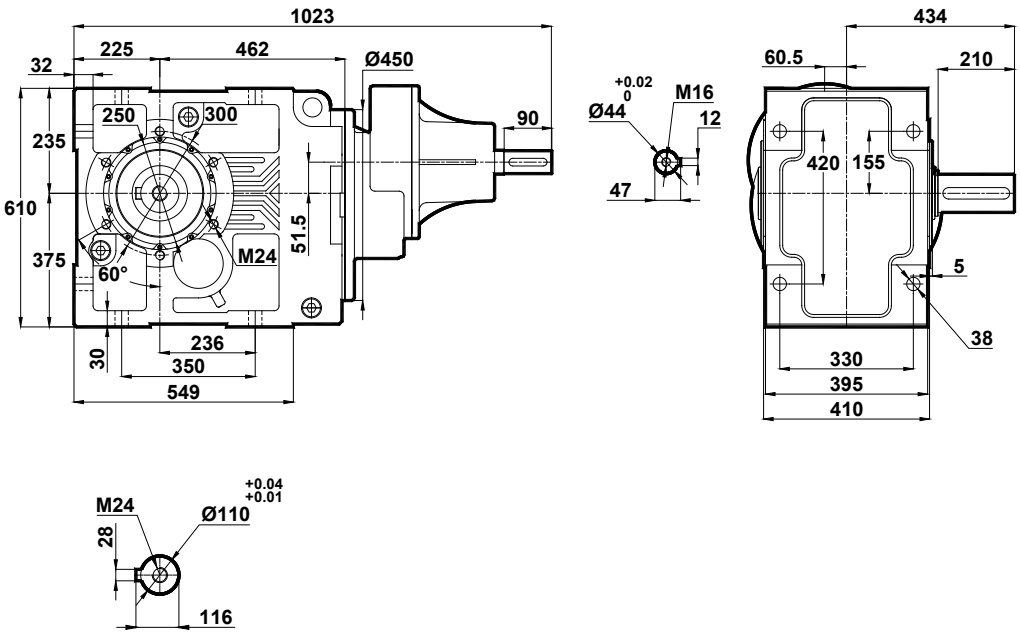


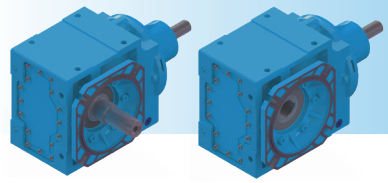
Tapped center hole to DIN 332, sheet 2

KT874.00



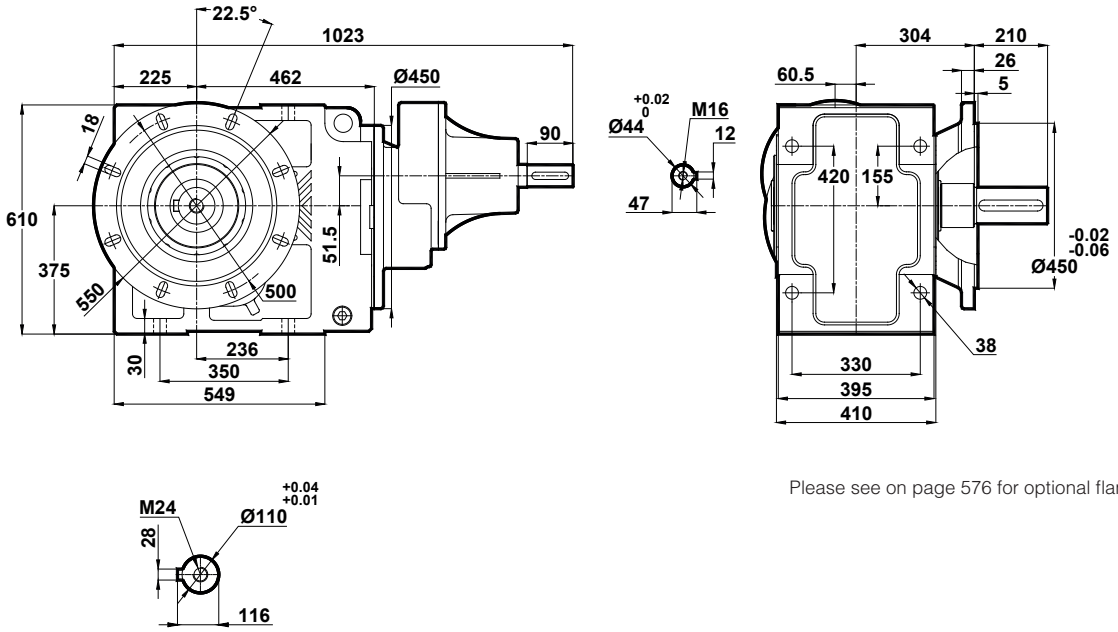
KT874.01





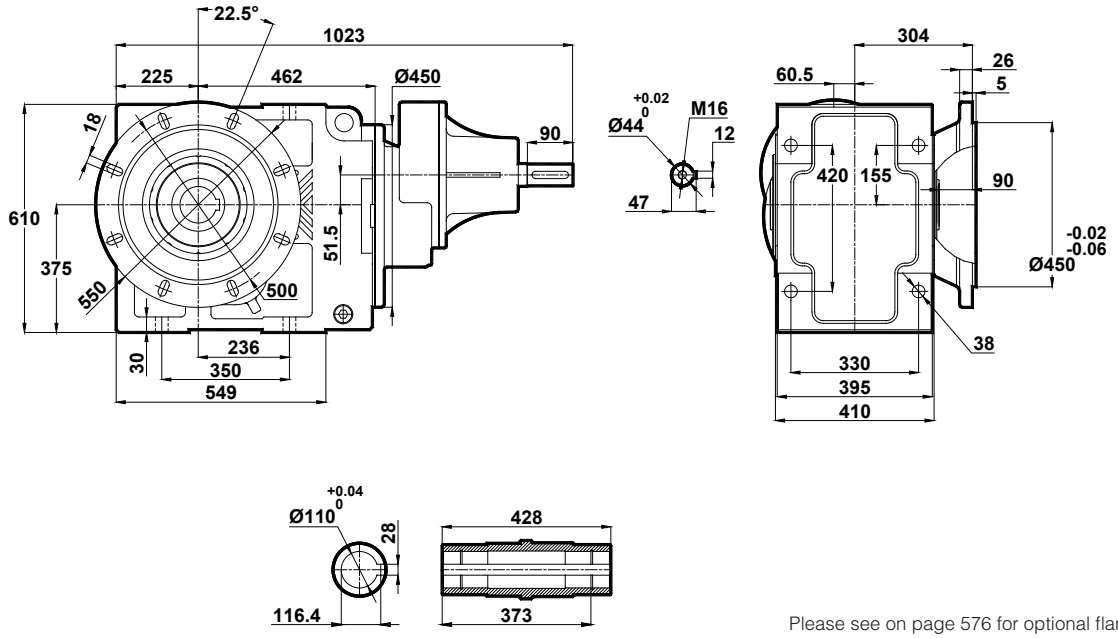
Tapped center hole to DIN 332, sheet 2

KT874.02

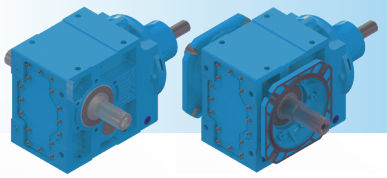


Please see on page 576 for optional flange dimensions

KT874.03

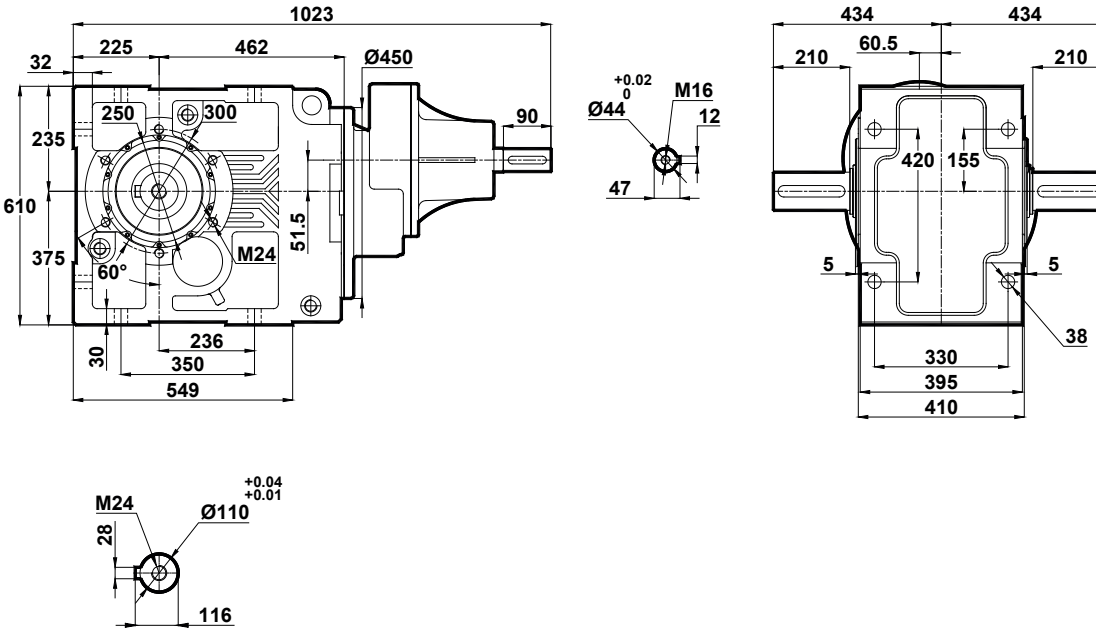


Please see on page 576 for optional flange dimensions

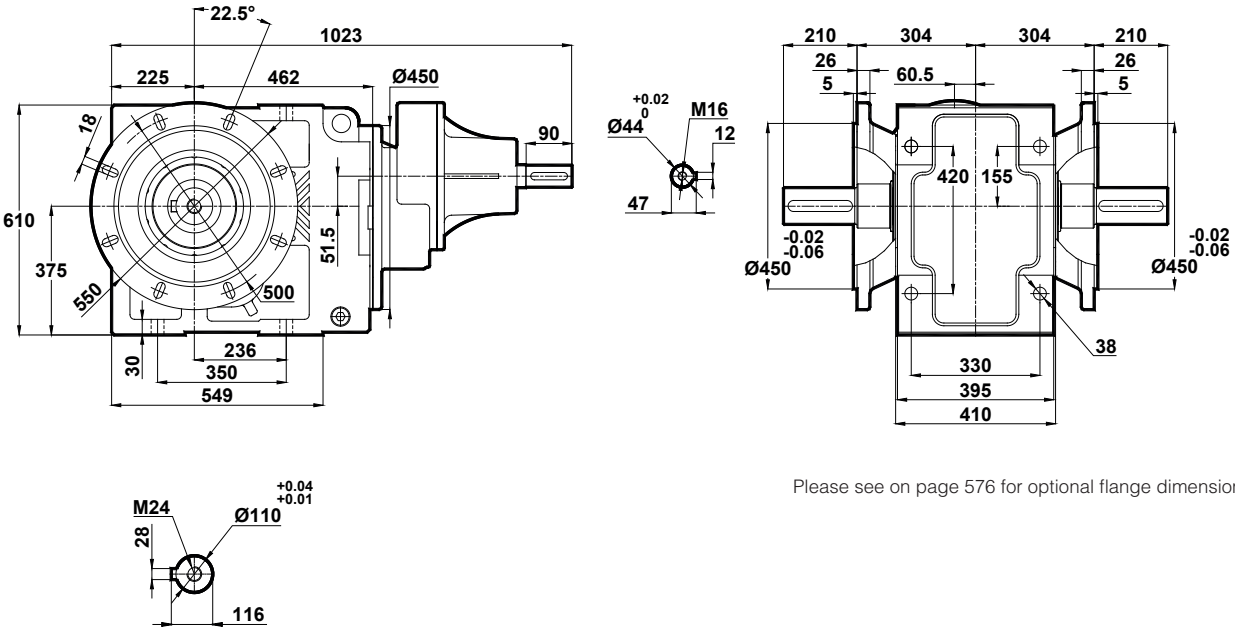


Tapped center hole to DIN 332, sheet 2

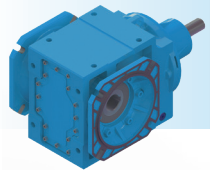
KT874.04



KT874.05

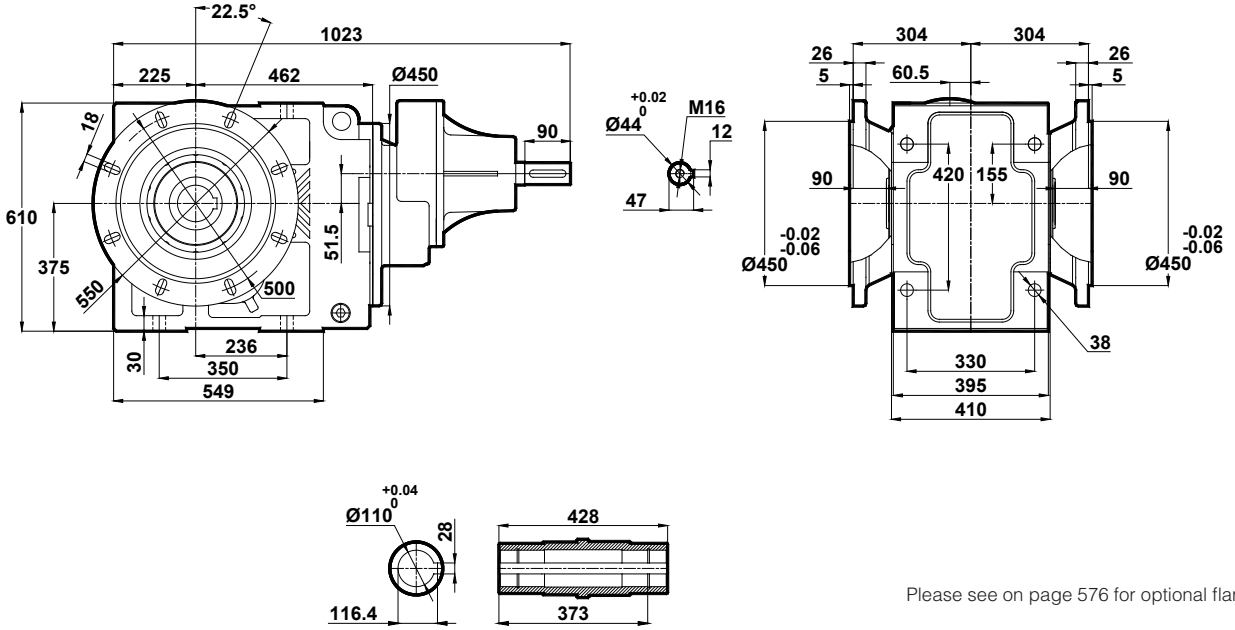


Please see on page 576 for optional flange dimensions

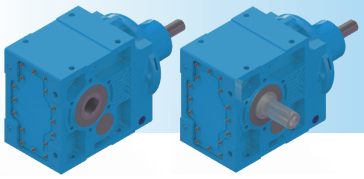


Tapped center hole to DIN 332, sheet 2

KT874.08

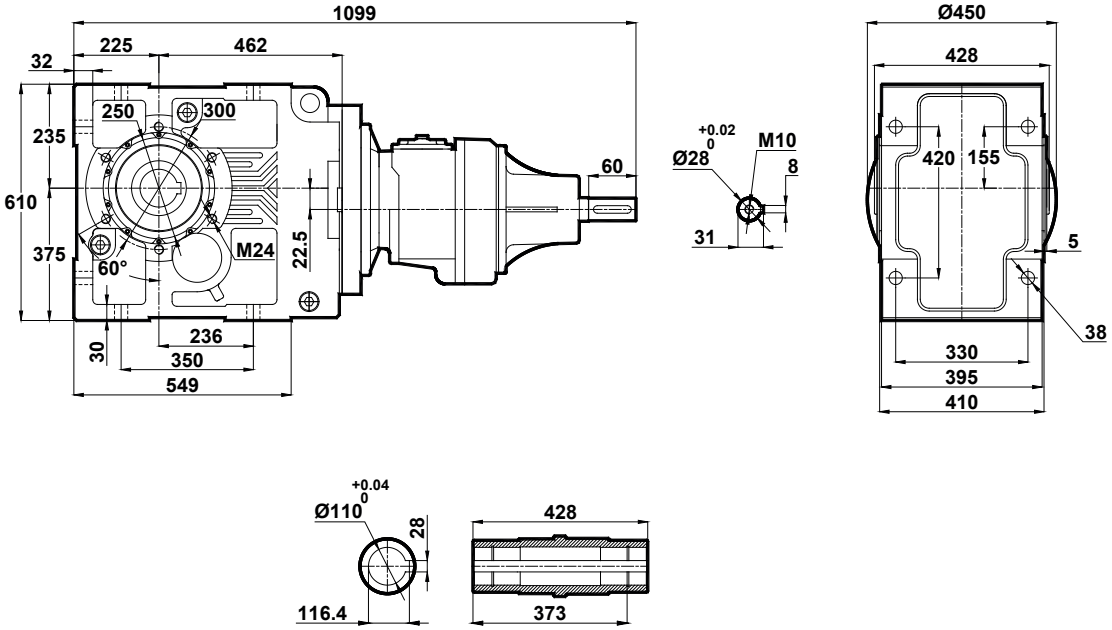


Please see on page 576 for optional flange dimensions

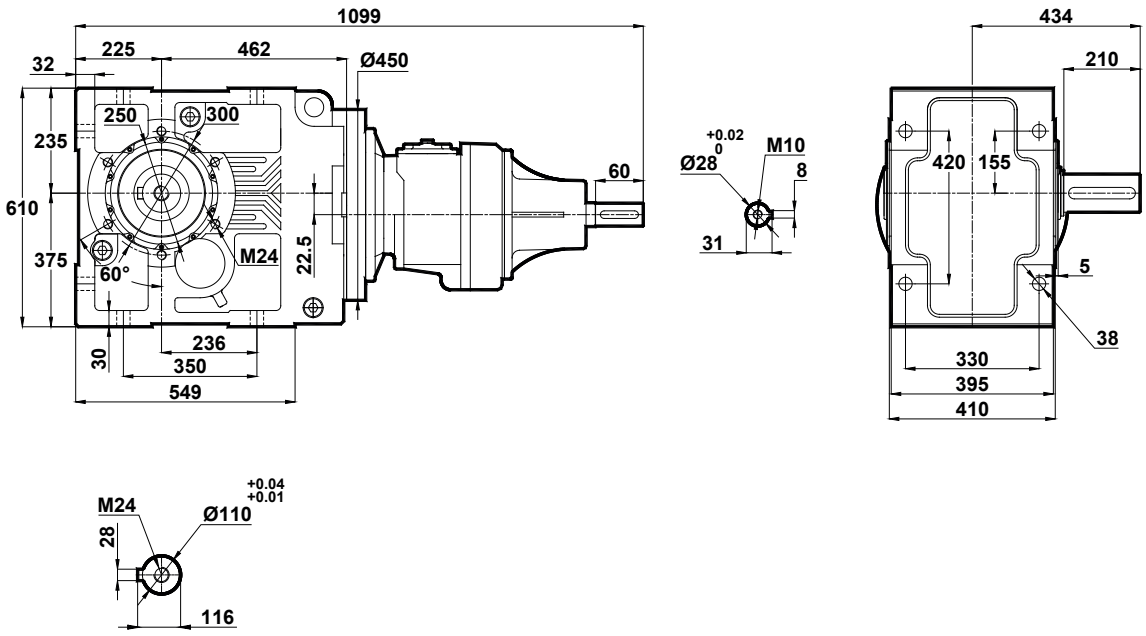


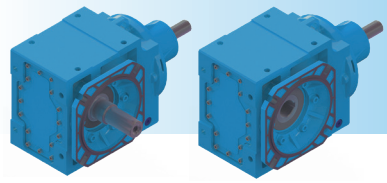
Tapped center hole to DIN 332, sheet 2

KT875.00
KT876.00



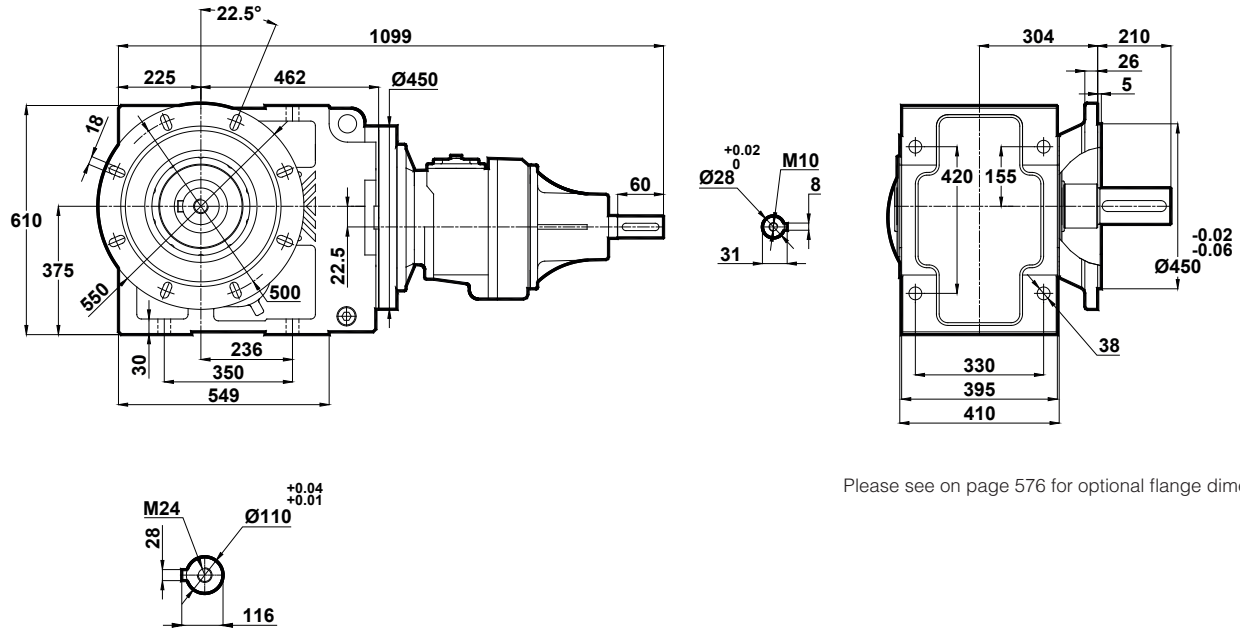
KT875.01
KT876.01





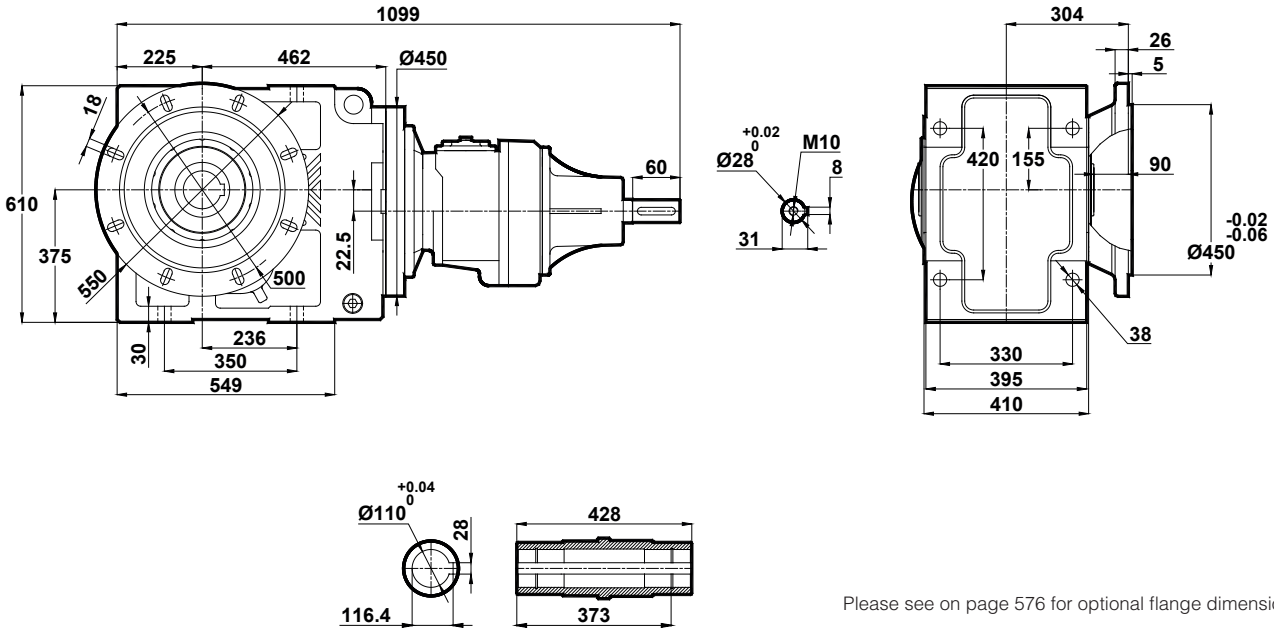
Tapped center hole to DIN 332, sheet 2

KT875.02
KT876.02

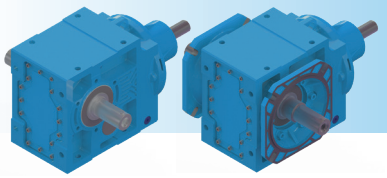


Please see on page 576 for optional flange dimensions

KT875.03
KT876.03

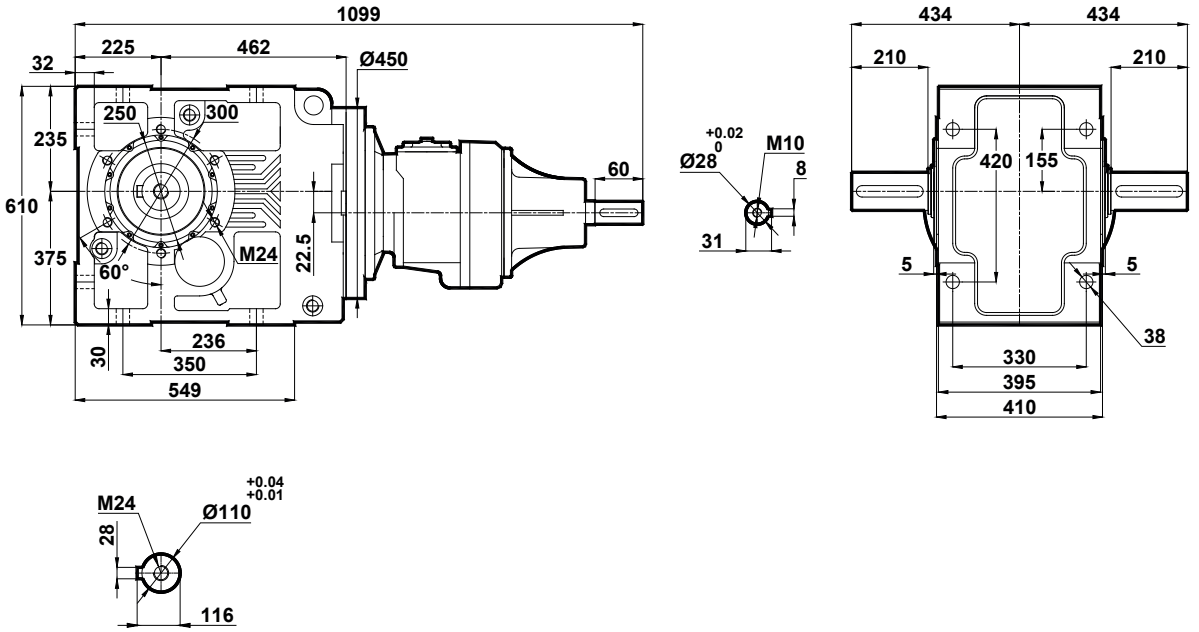


Please see on page 576 for optional flange dimensions

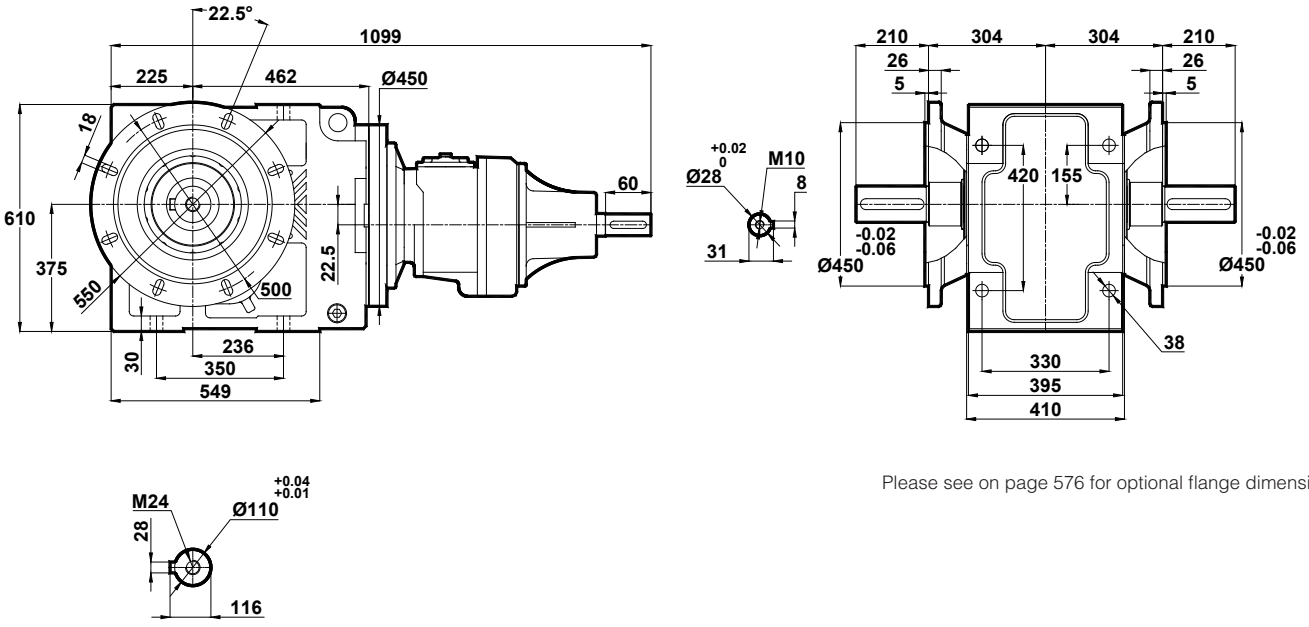


Tapped center hole to DIN 332, sheet 2

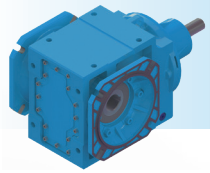
KT875.04
KT876.04



KT875.05
KT876.05

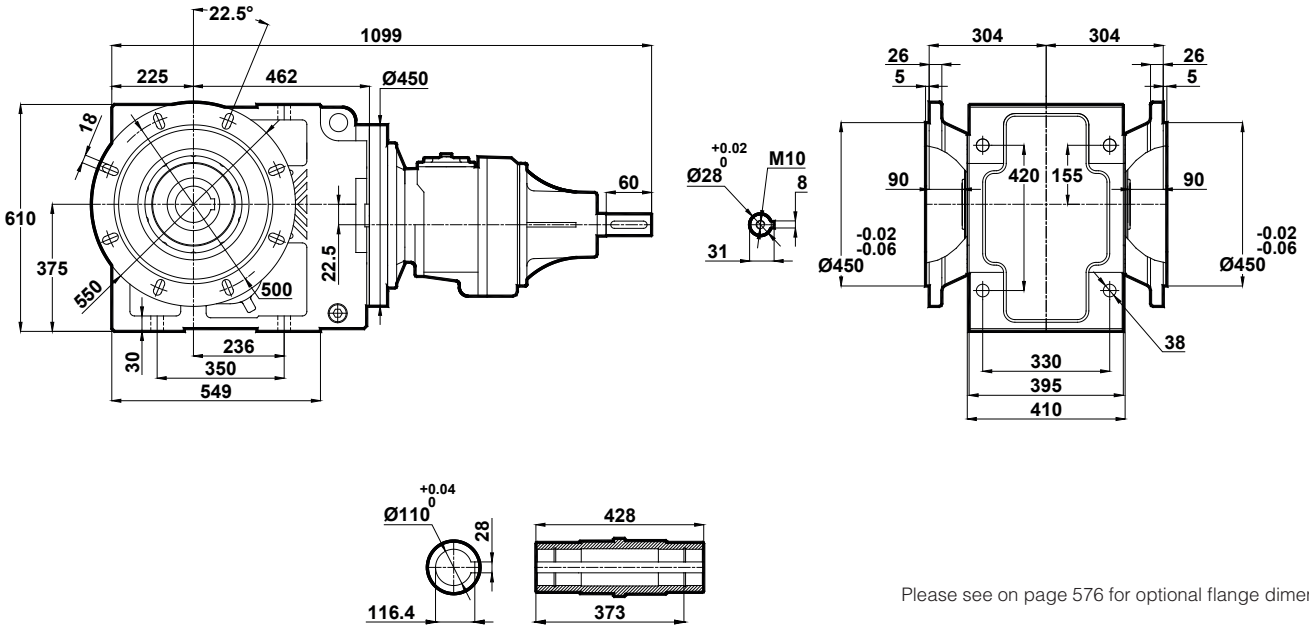


Please see on page 576 for optional flange dimensions

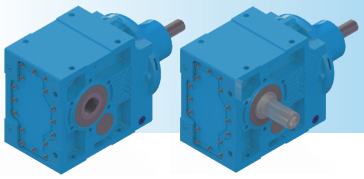


Tapped center hole to DIN 332, sheet 2

KT875.08
KT876.08

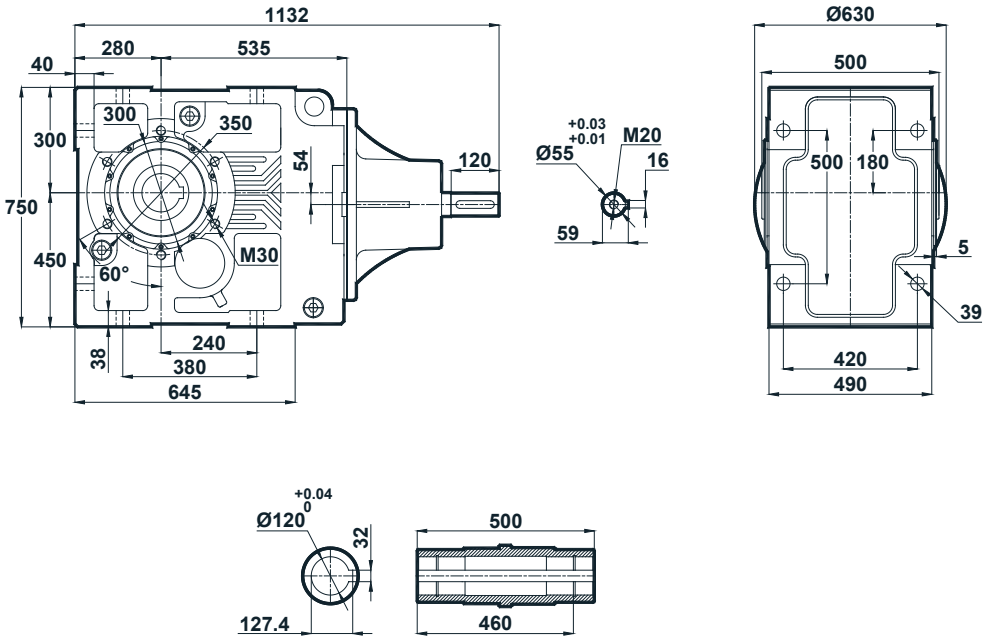


Please see on page 576 for optional flange dimensions

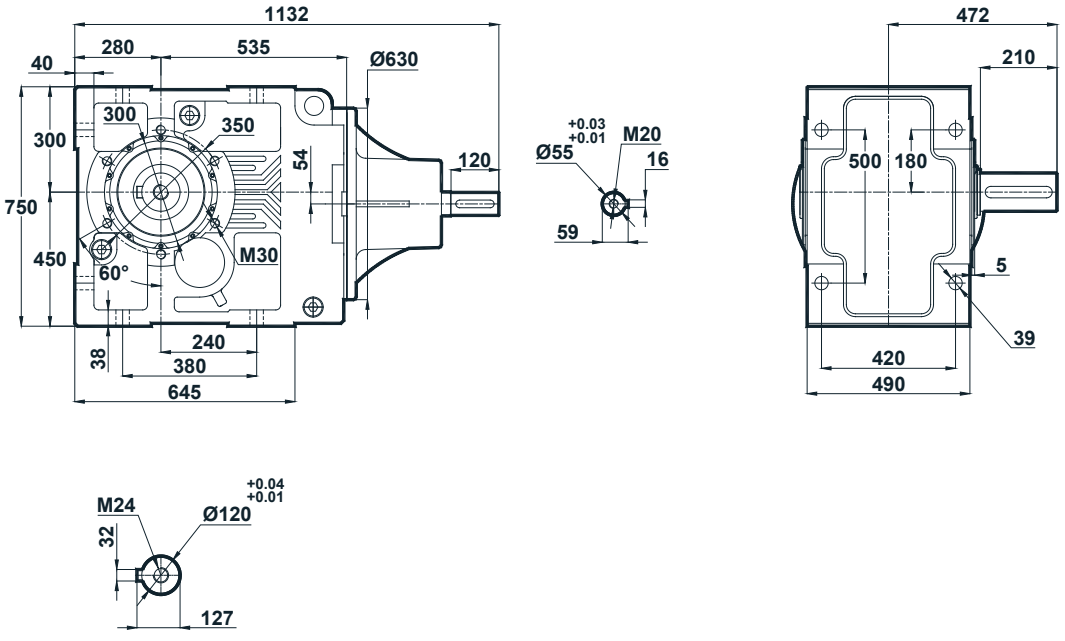


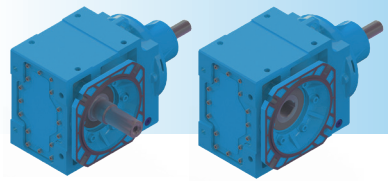
Tapped center hole to DIN 332, sheet 2

KT973.00



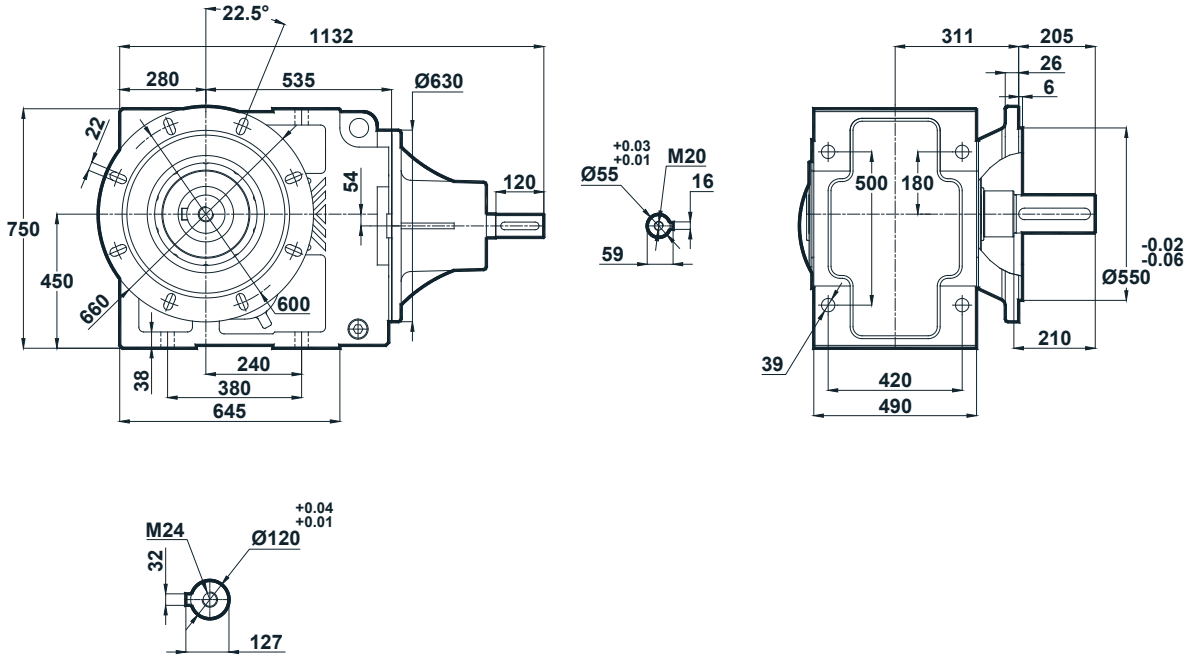
KT973.01



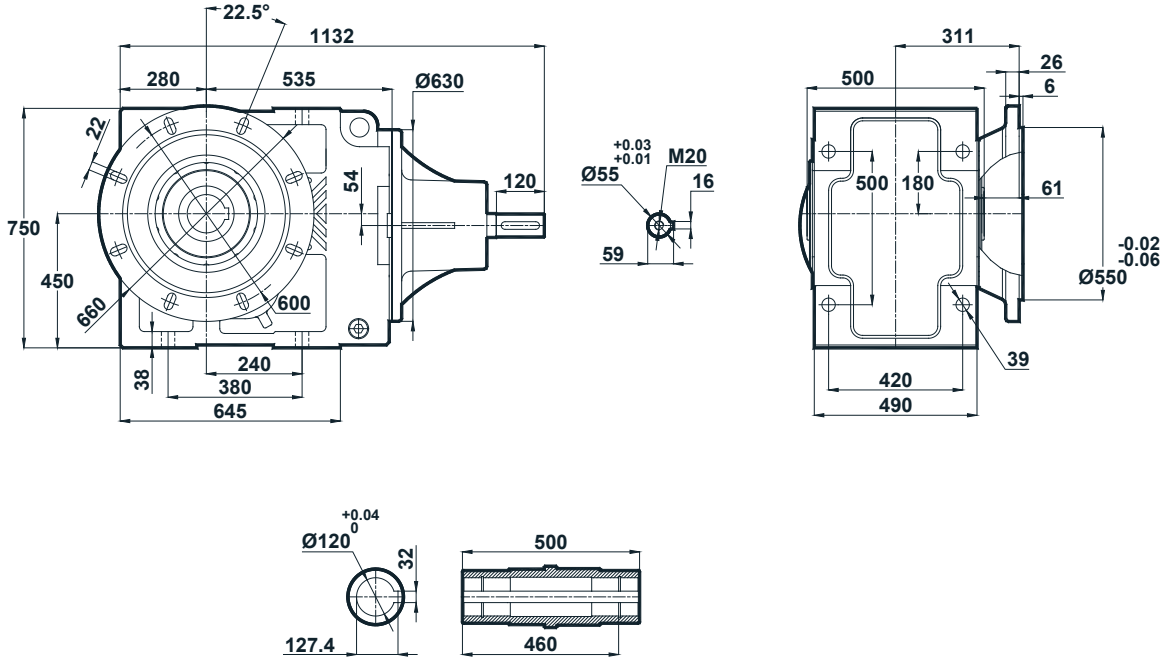


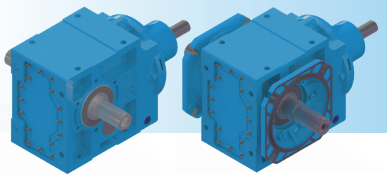
Tapped center hole to DIN 332, sheet 2

KT973.02



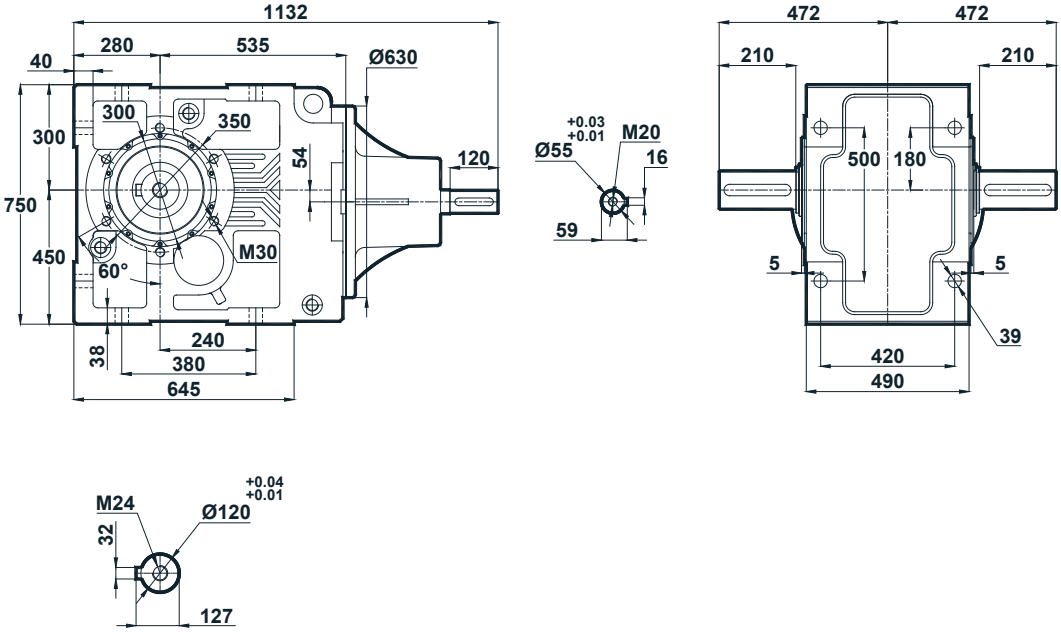
KT973.03



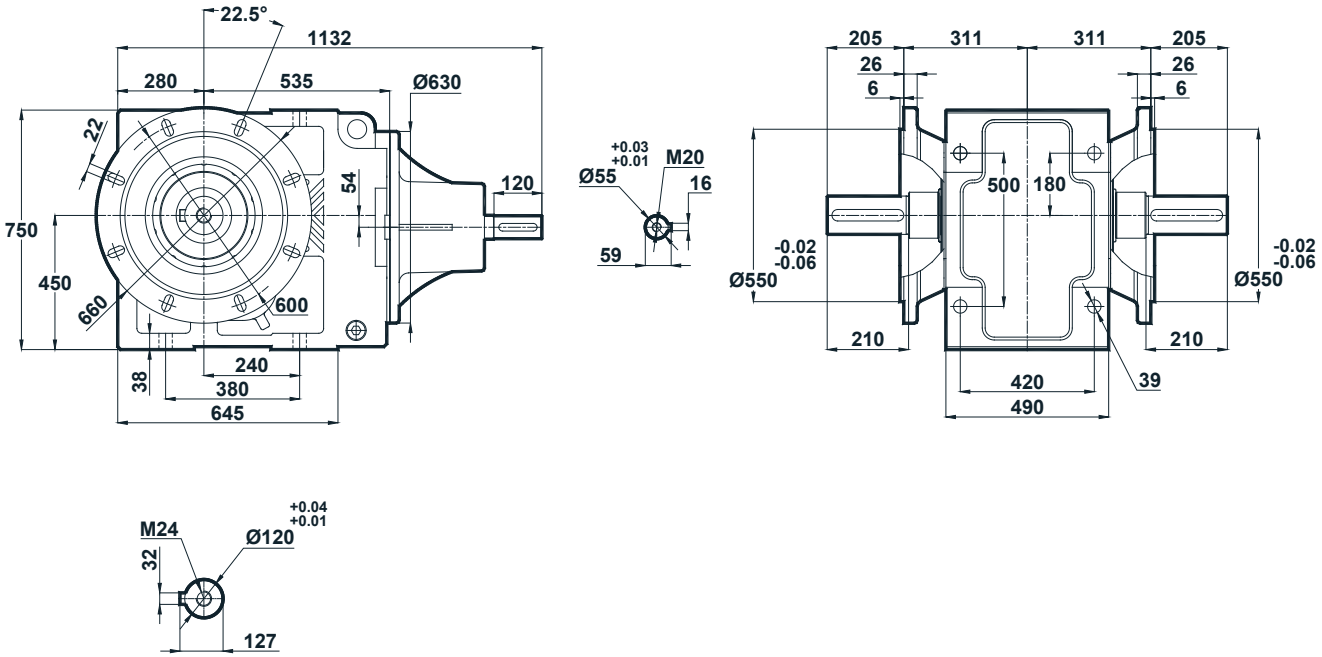


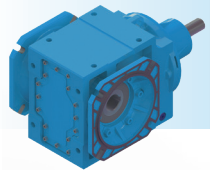
Tapped center hole to DIN 332, sheet 2

KT973.04



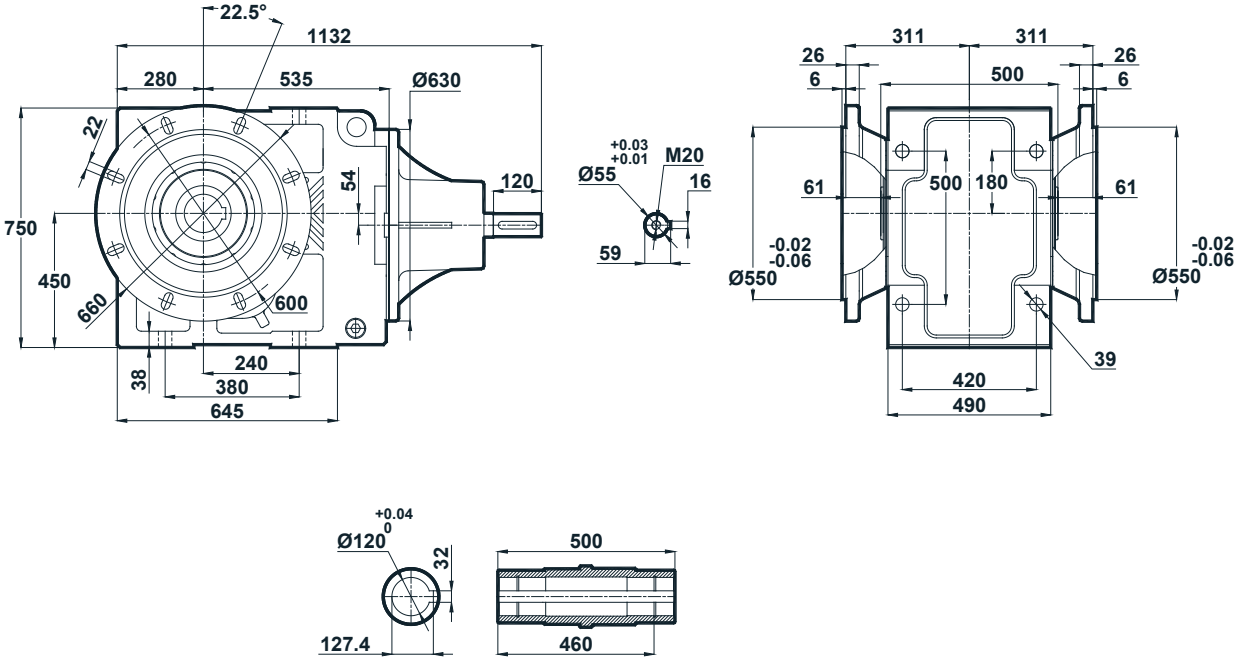
KT973.05

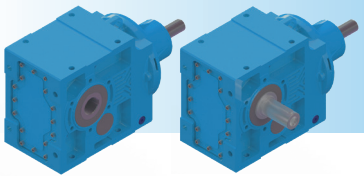




Tapped center hole to DIN 332, sheet 2

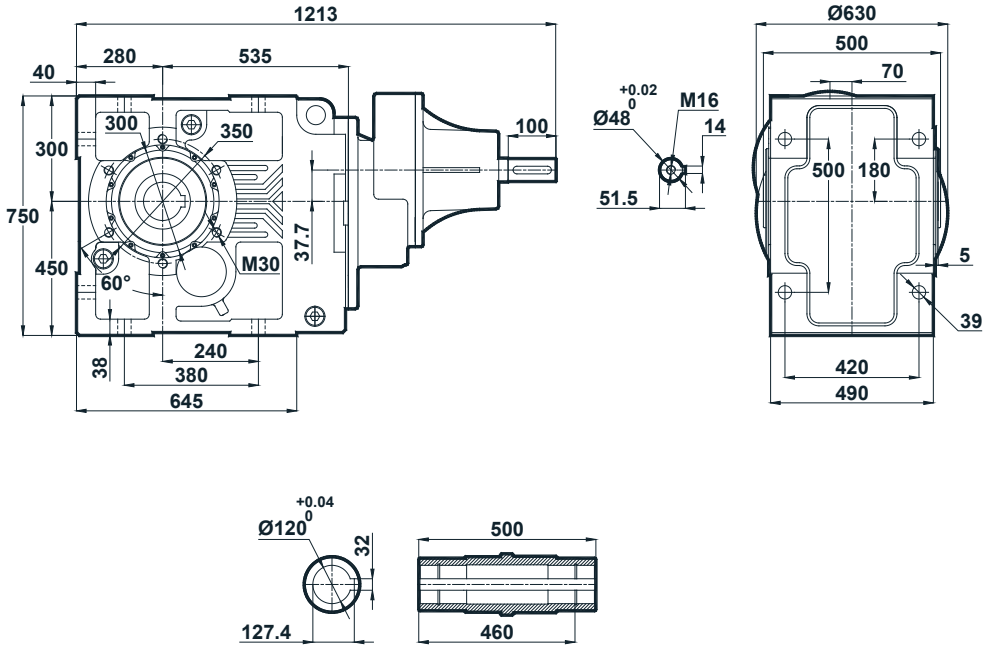
KT973.08



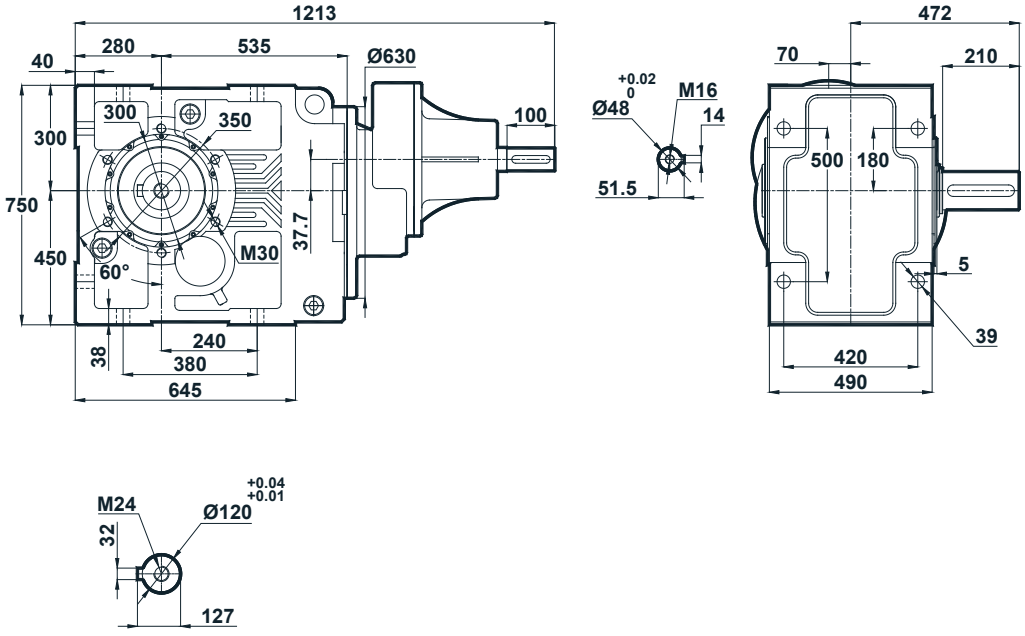


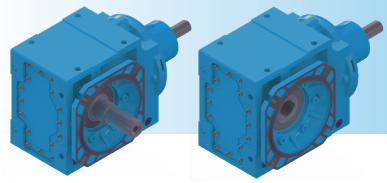
Tapped center hole to DIN 332, sheet 2

KT974.00



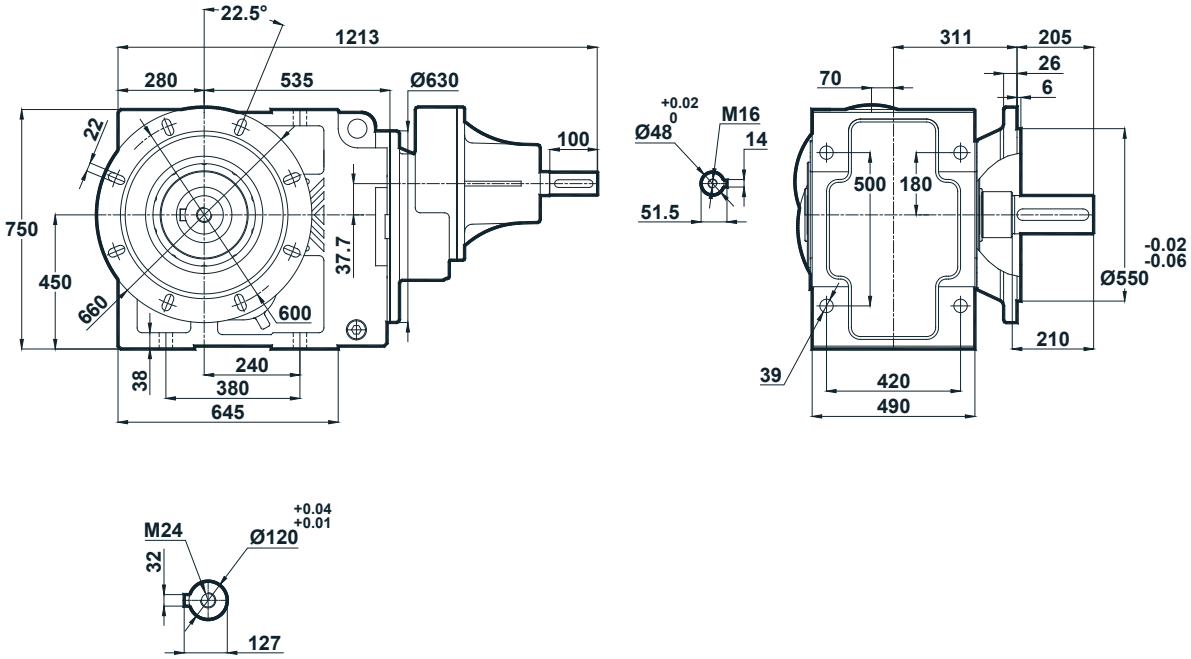
KT974.01



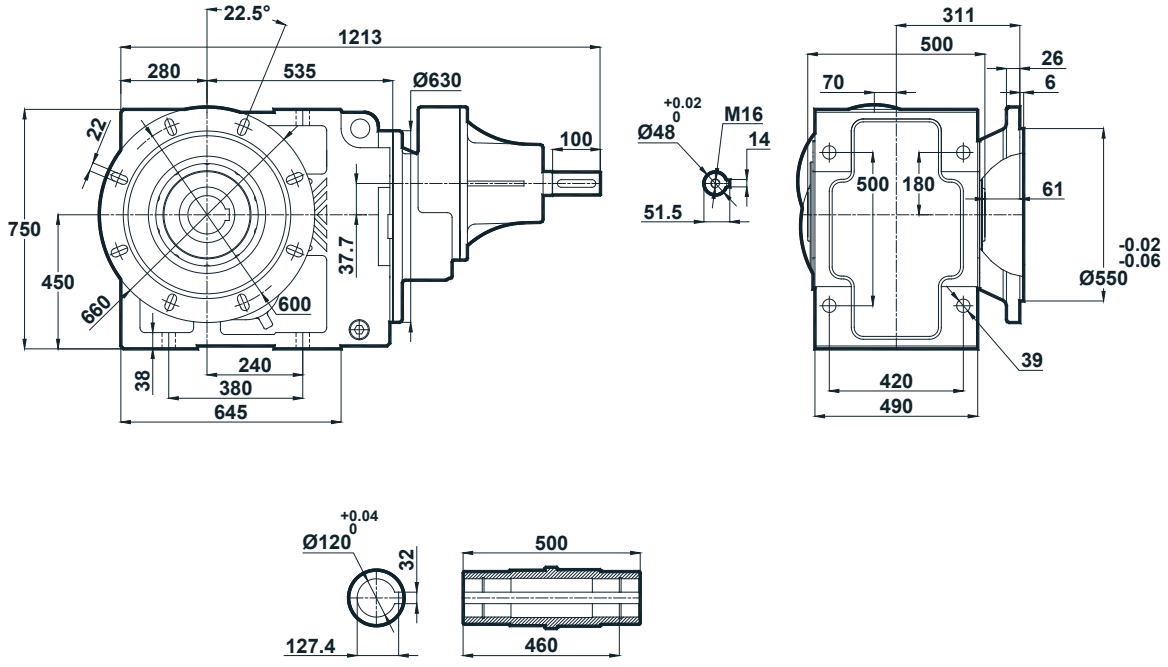


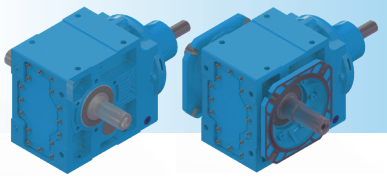
Tapped center hole to DIN 332, sheet 2

KT974.02



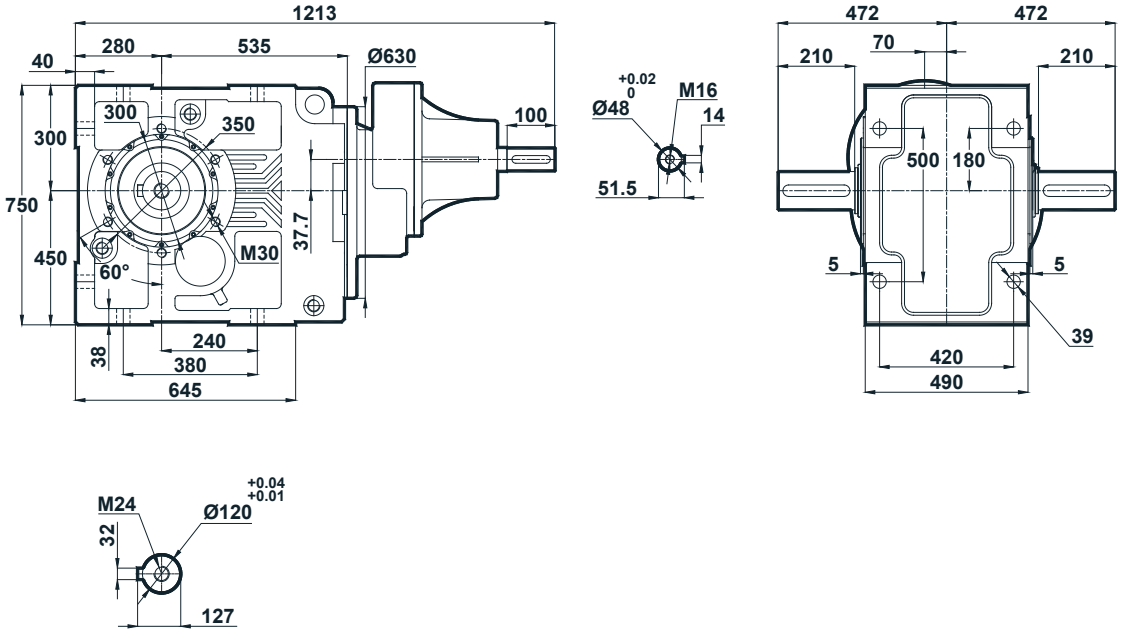
KT974.03



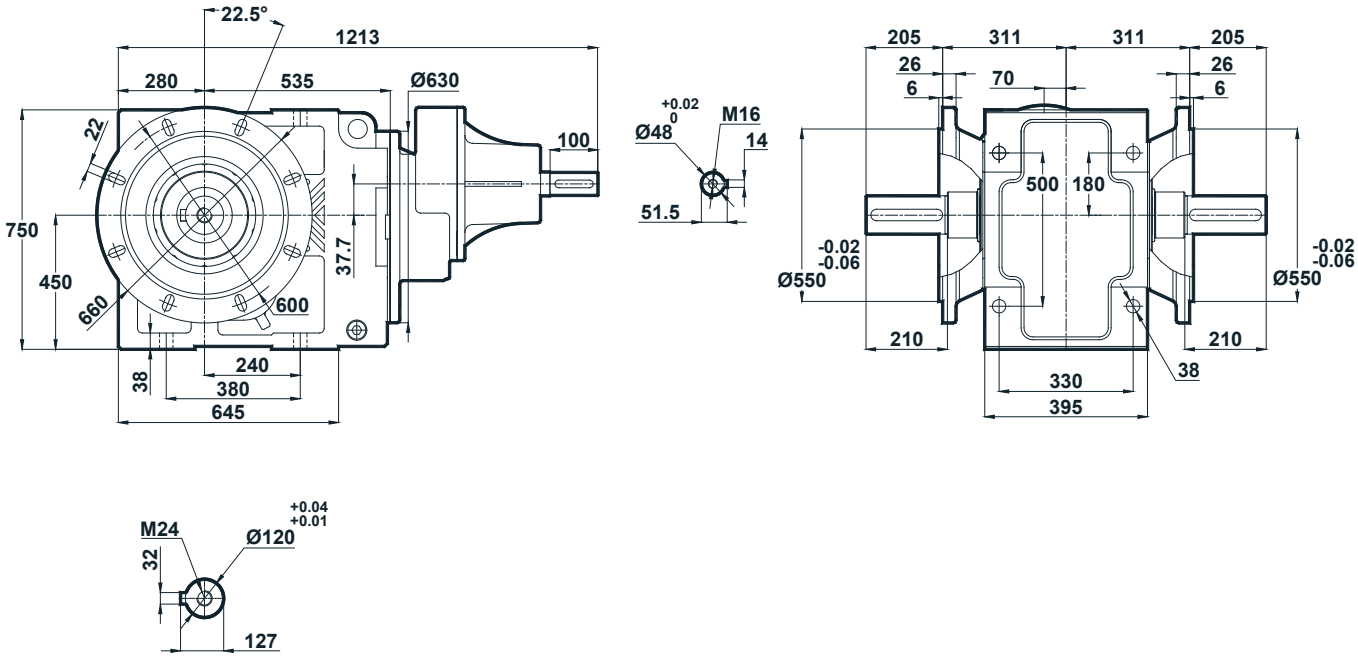


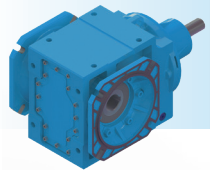
Tapped center hole to DIN 332, sheet 2

KT974.04



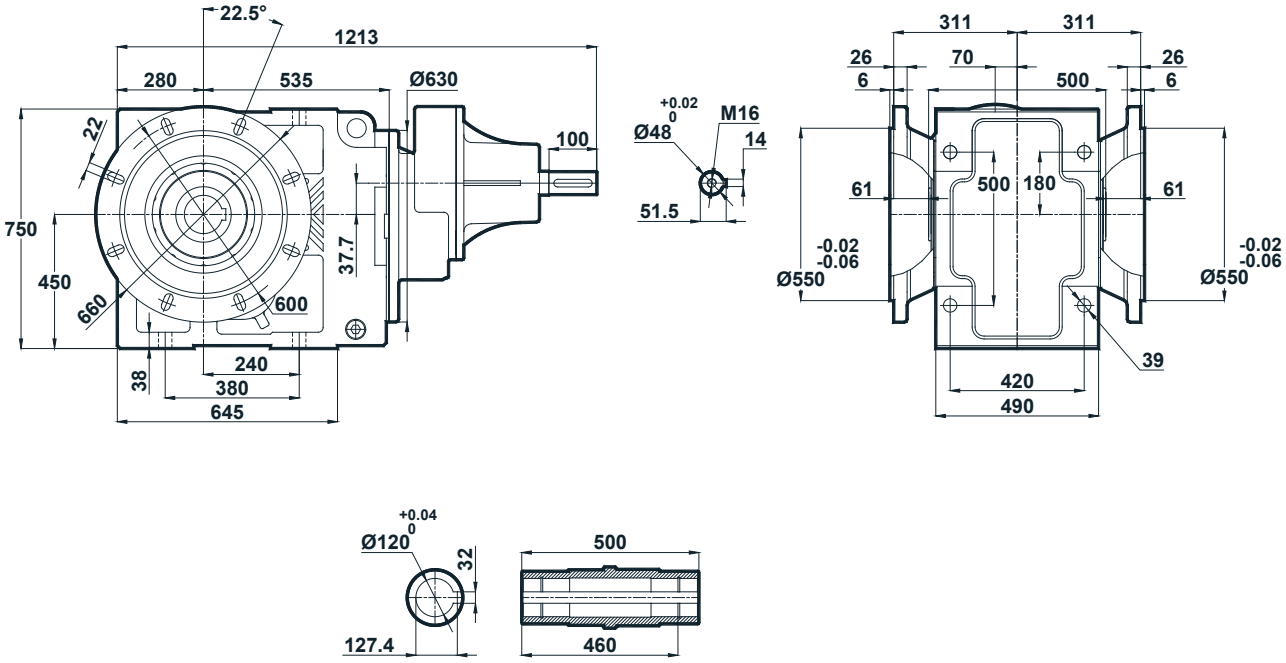
KT974.05

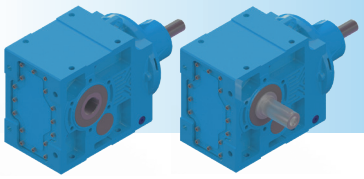




Tapped center hole to DIN 332, sheet 2

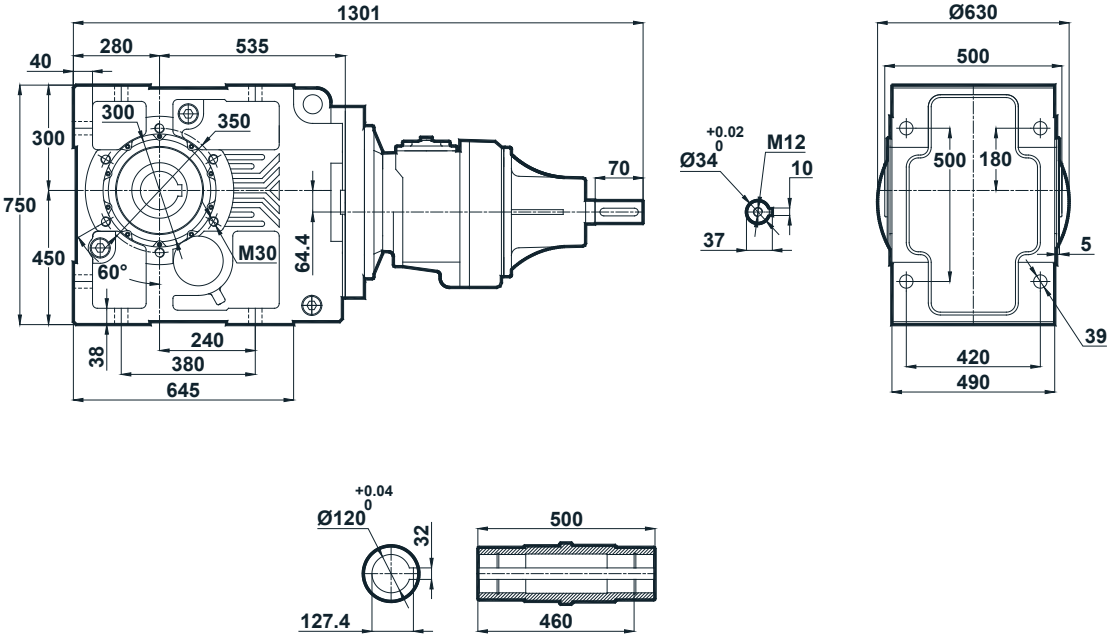
KT974.08



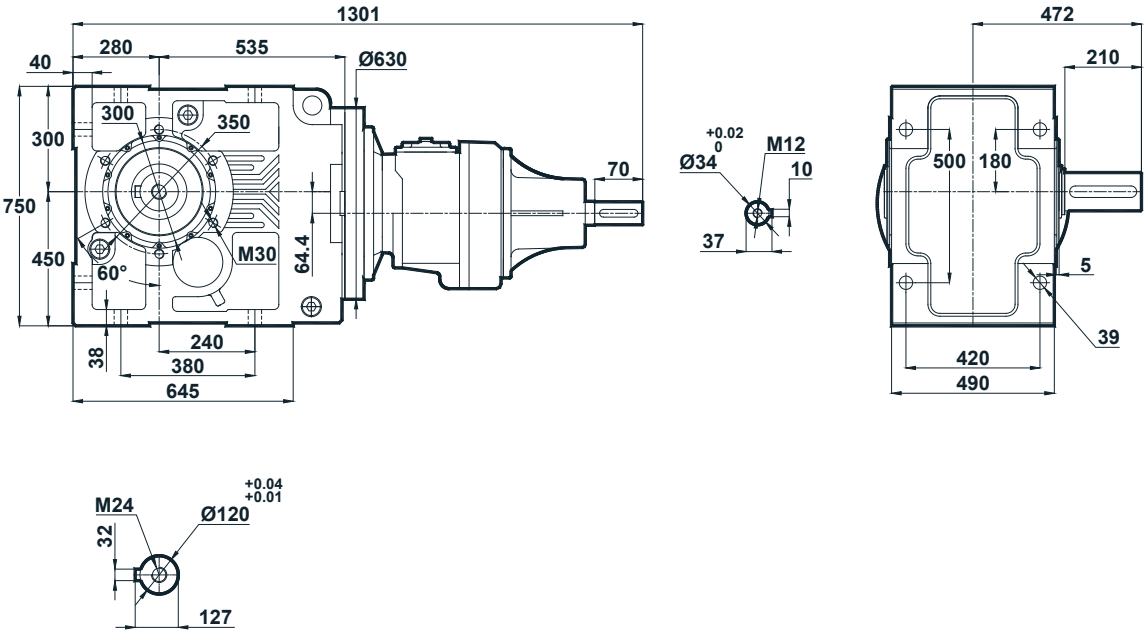


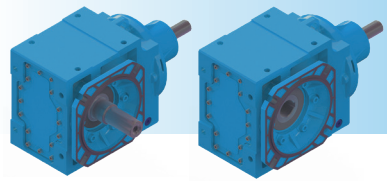
Tapped center hole to DIN 332, sheet 2

KT975.00
KT976.00



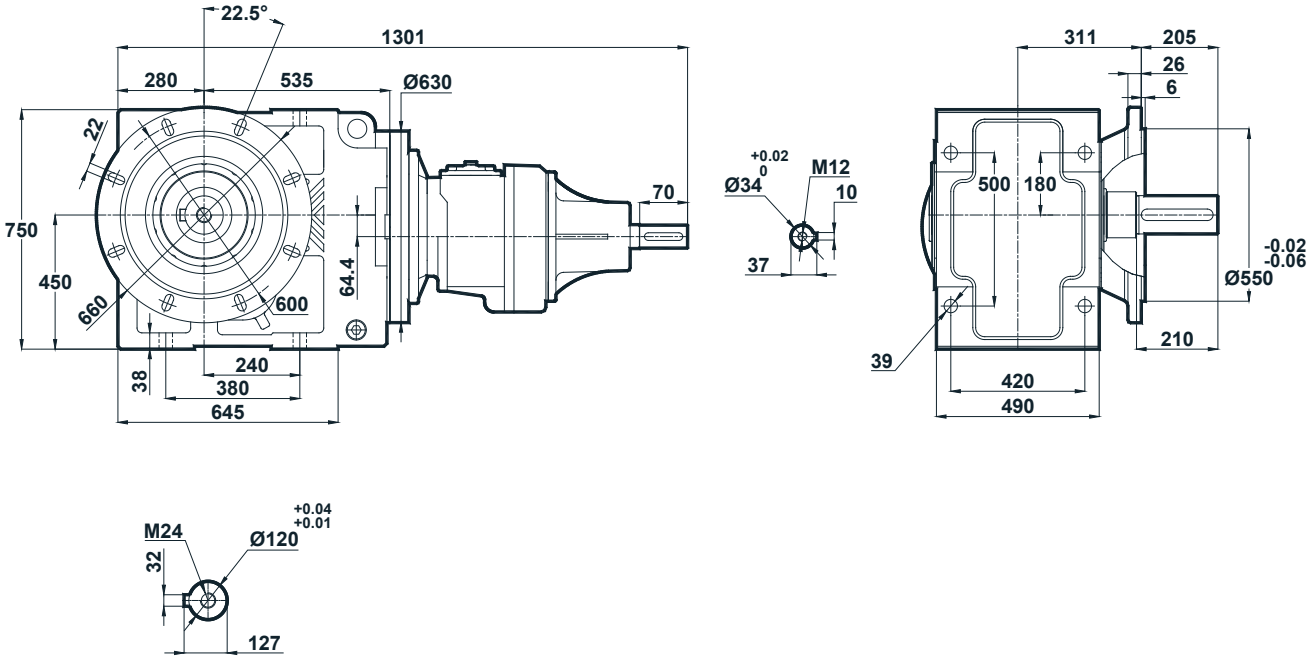
KT975.01
KT976.01



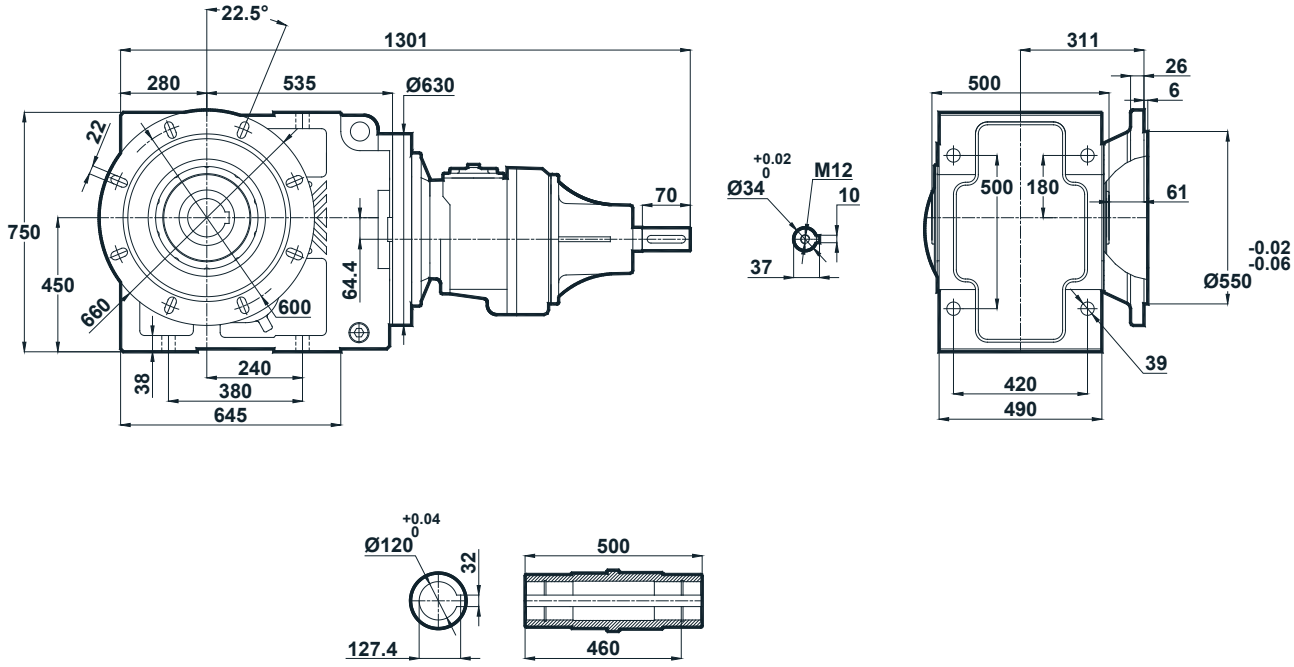


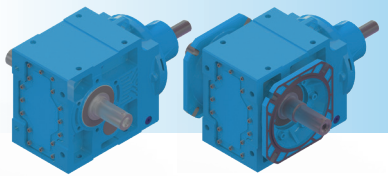
Tapped center hole to DIN 332, sheet 2

KT975.02
KT976.02



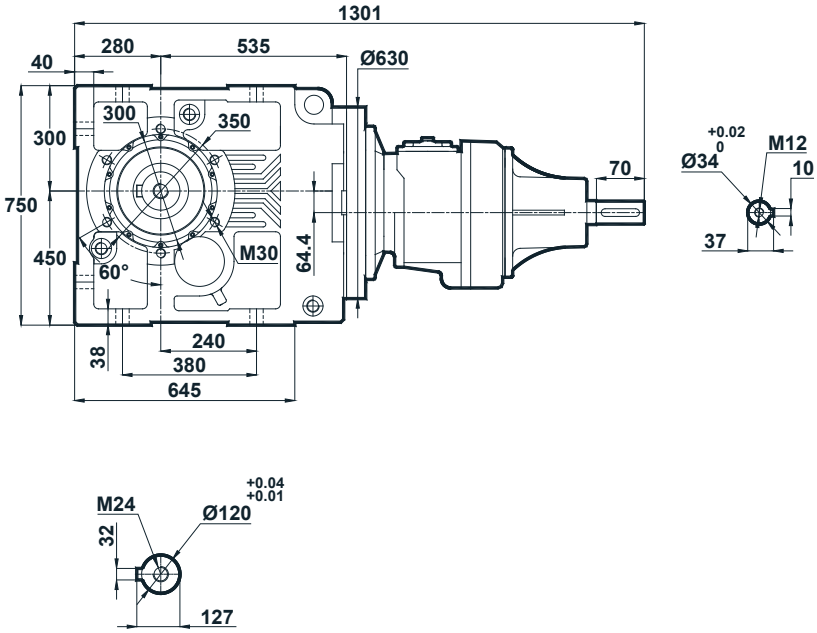
KT975.03
KT976.03



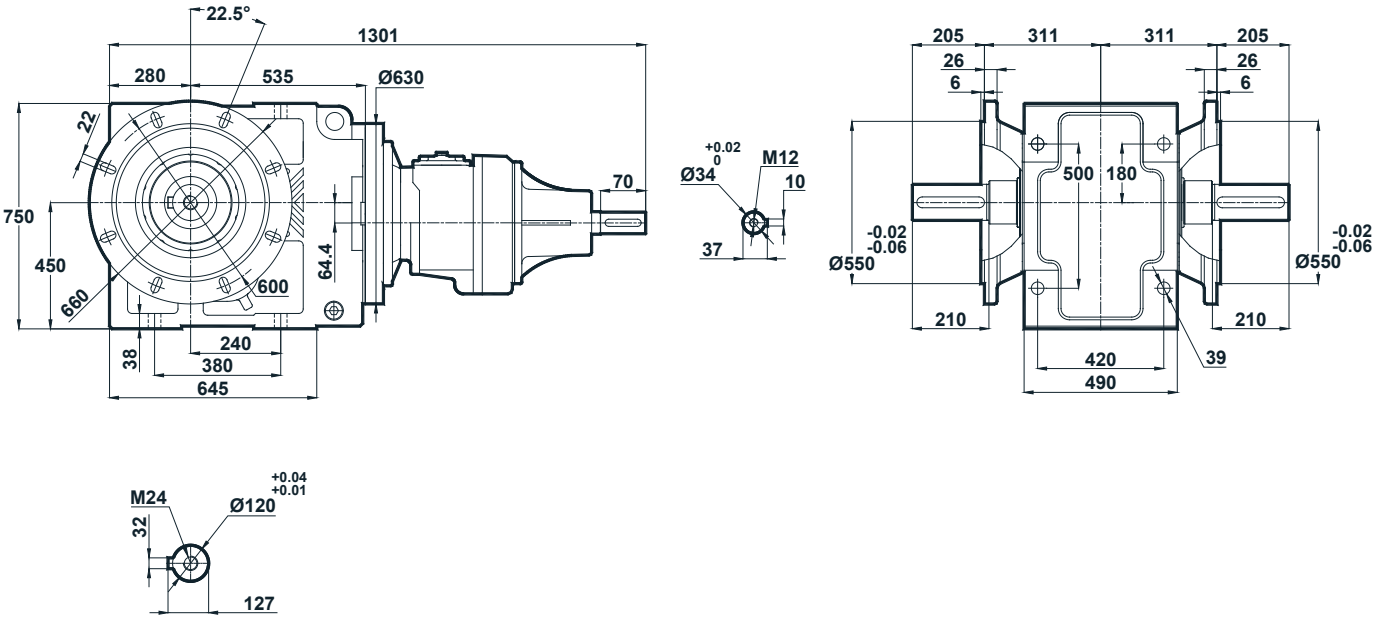


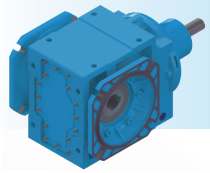
Tapped center hole to DIN 332, sheet 2

KT975.04
KT976.04



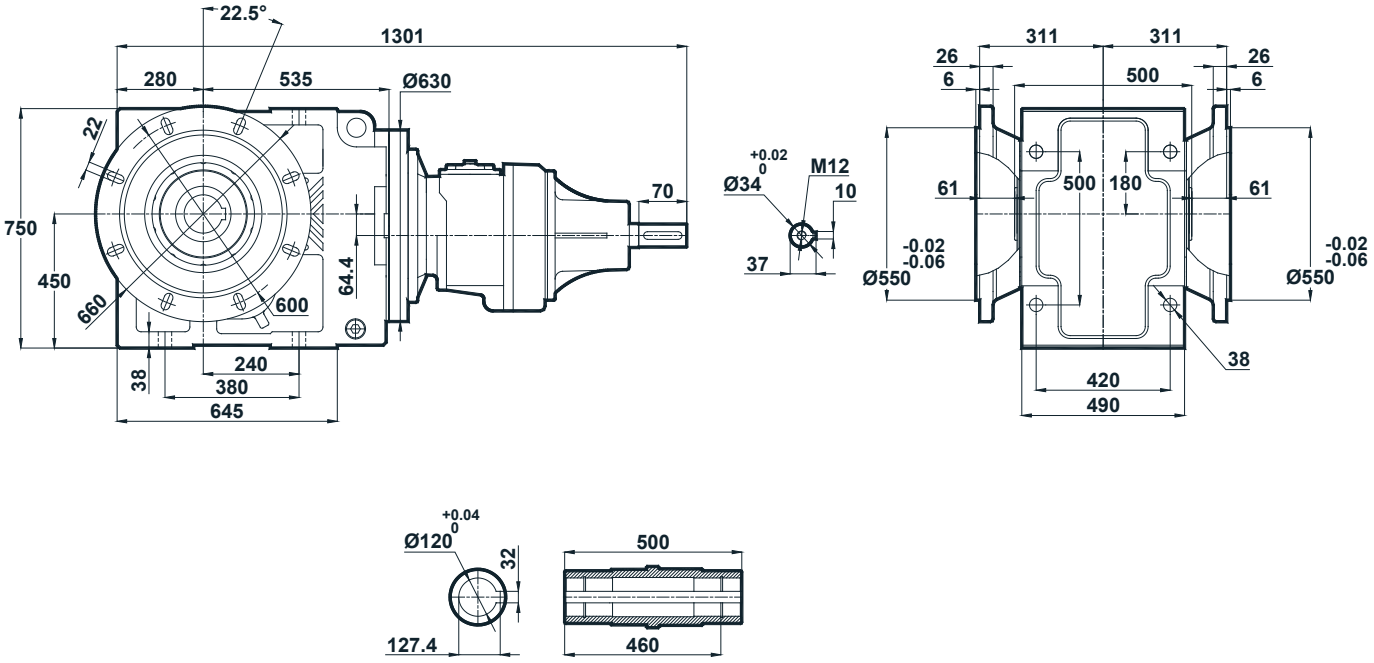
KT975.05
KT976.05



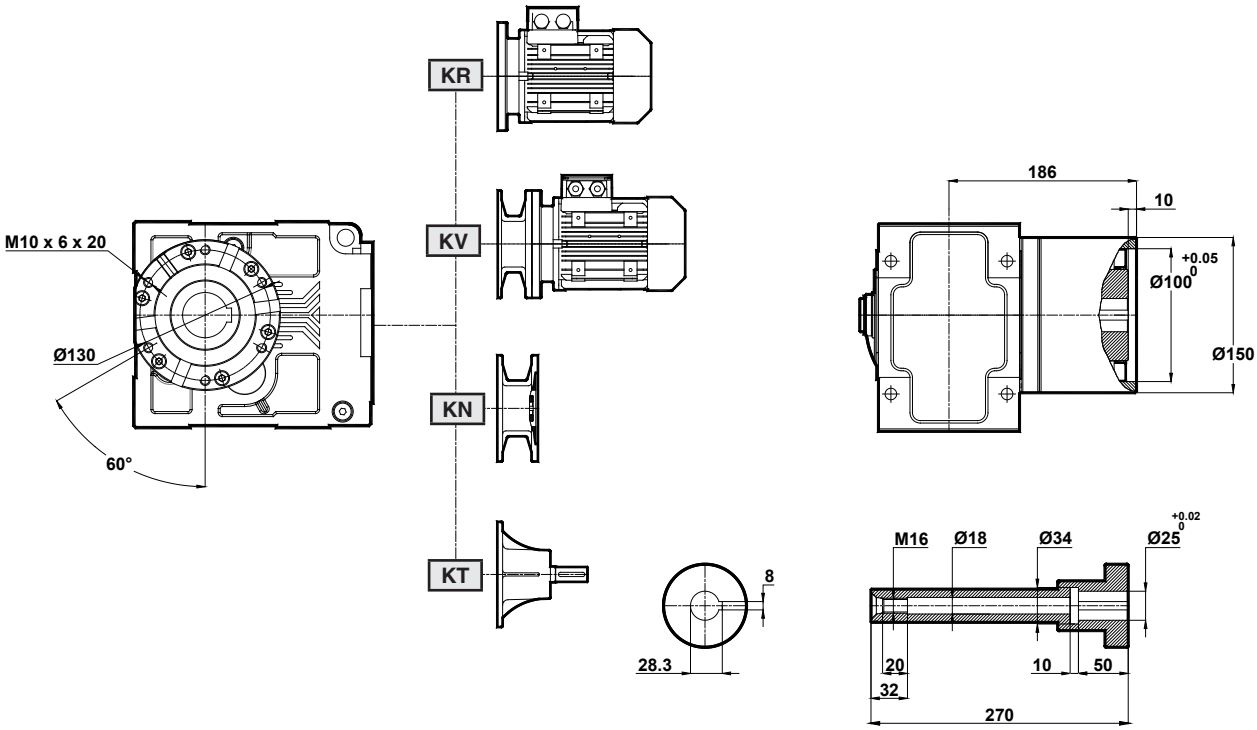


Tapped center hole to DIN 332, sheet 2

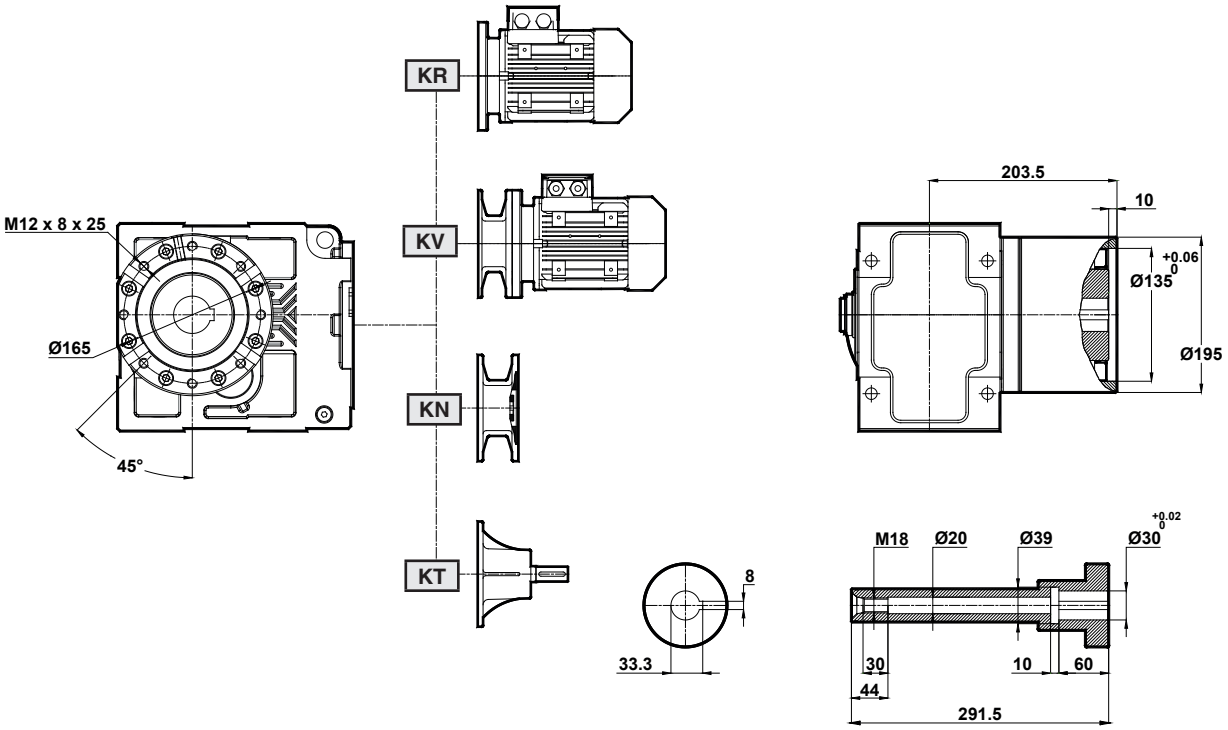
KT975.08
KT976.08



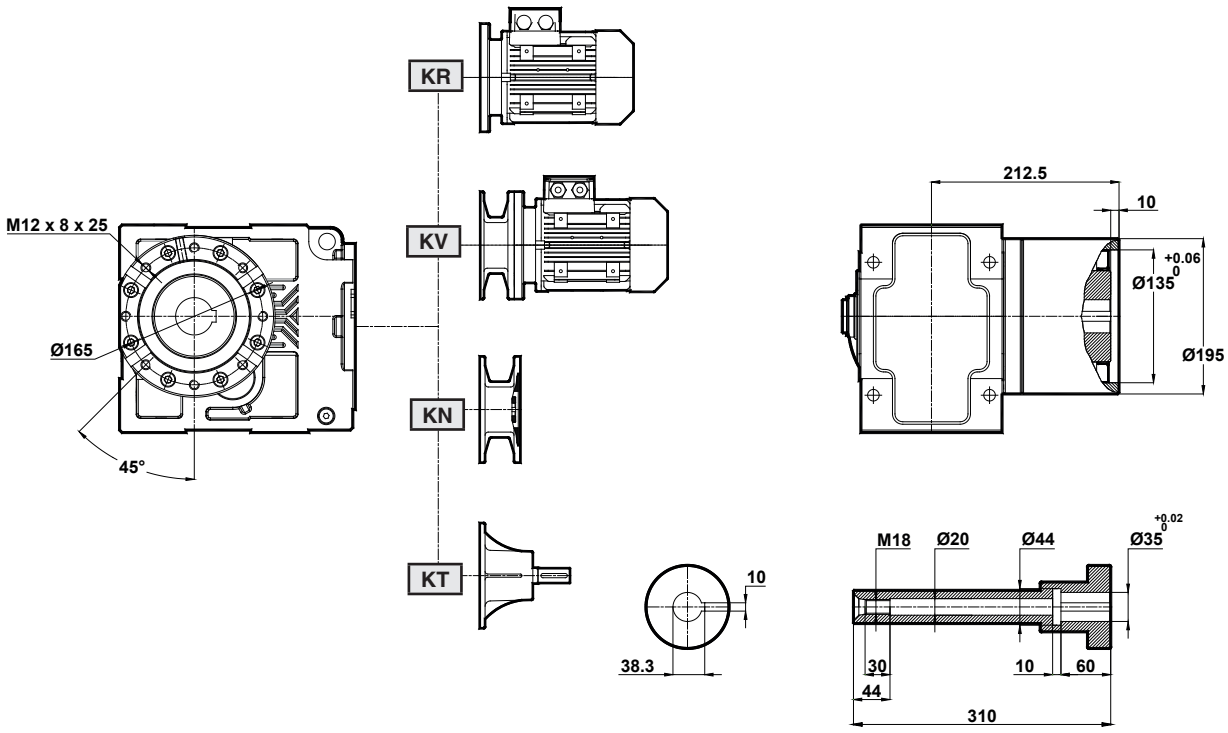
K.27.E


KR
KV
KN
KT
M10 x 6 x 20
Ø130
60°
28.3
8
186
10
Ø100 +0.05 0
Ø150
M16
Ø18
Ø34
Ø25 +0.02 0
20
32
10
50
270

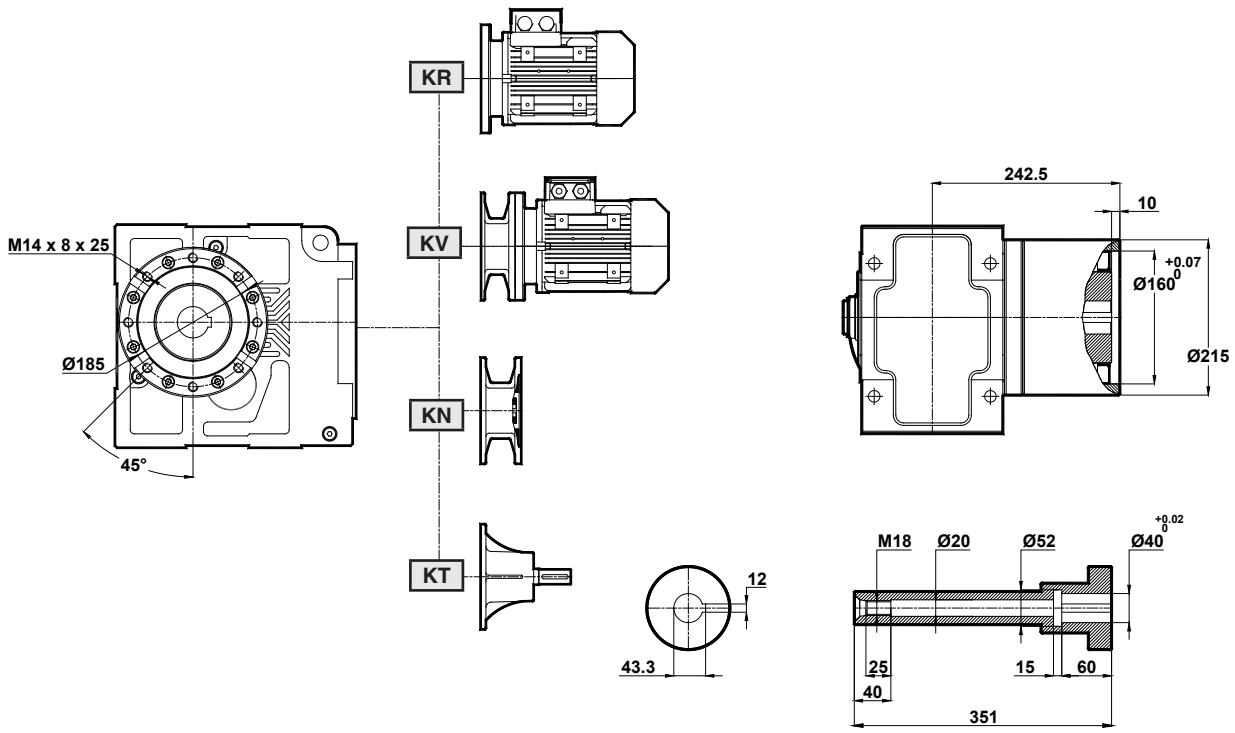
K.28.E


KR
KV
KN
KT
M12 x 8 x 25
Ø165
45°
33.3
8
203.5
10
Ø135 +0.06 0
Ø195
M18
Ø20
Ø39
Ø30 +0.02 0
30
44
10
60
291.5

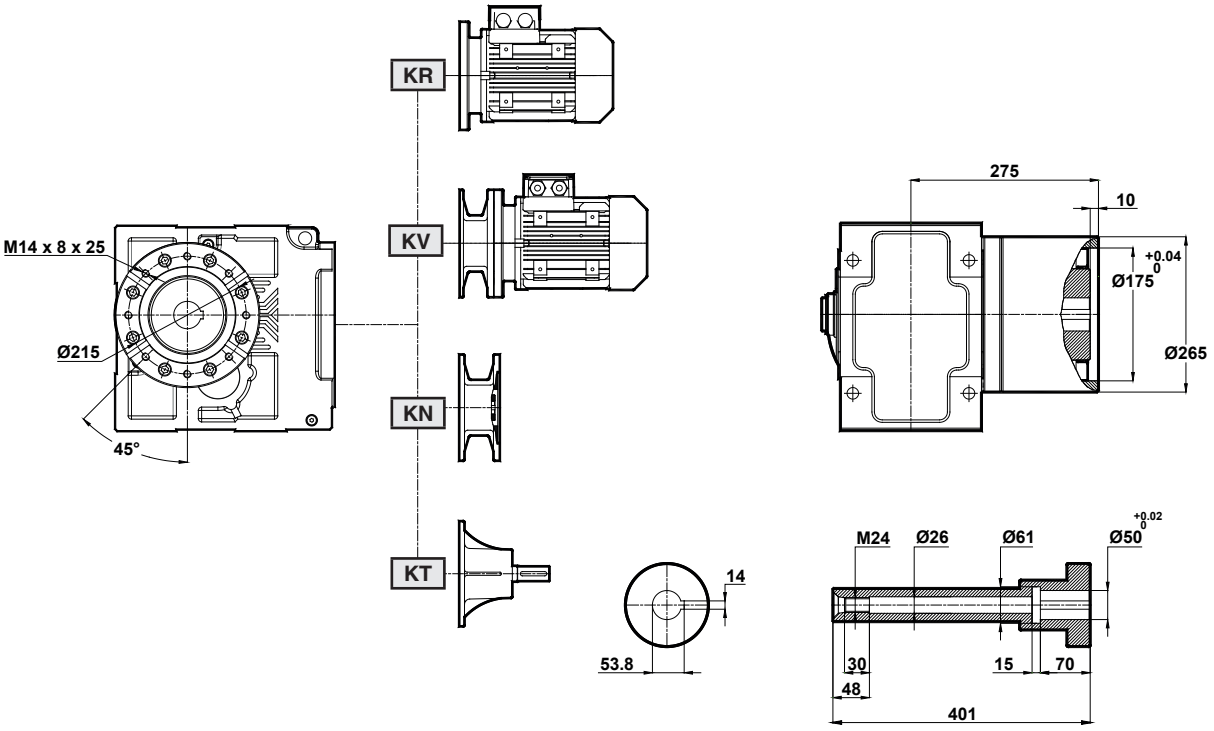
K.37.E


KR
KV
KN
KT
M12 x 8 x 25
Ø165
45°
212.5
10
Ø135 +0.06 0
Ø195
10
38.3
M18
Ø20
Ø44
Ø35 +0.02 0
30
44
10
60
310

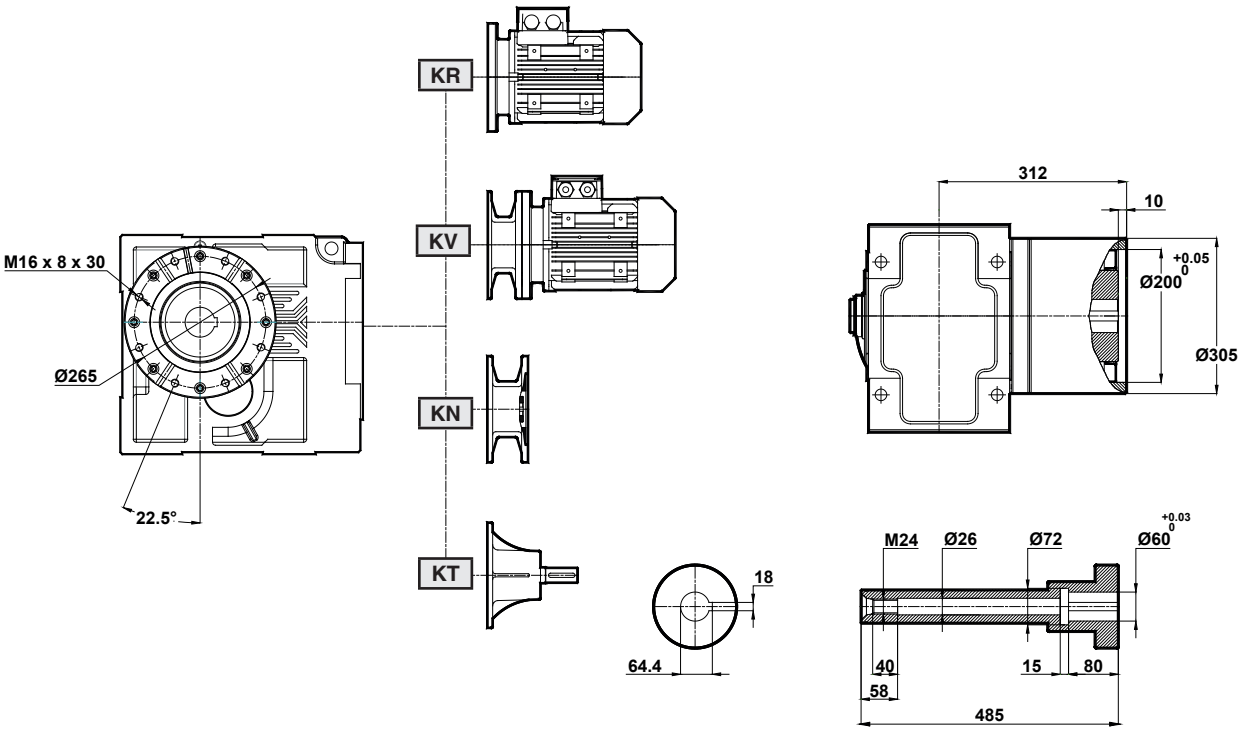
K.47.E


KR
KV
KN
KT
M14 x 8 x 25
Ø185
45°
242.5
10
Ø160 +0.07 0
Ø215
12
43.3
M18
Ø20
Ø52
Ø40 +0.02 0
25
40
15
60
351

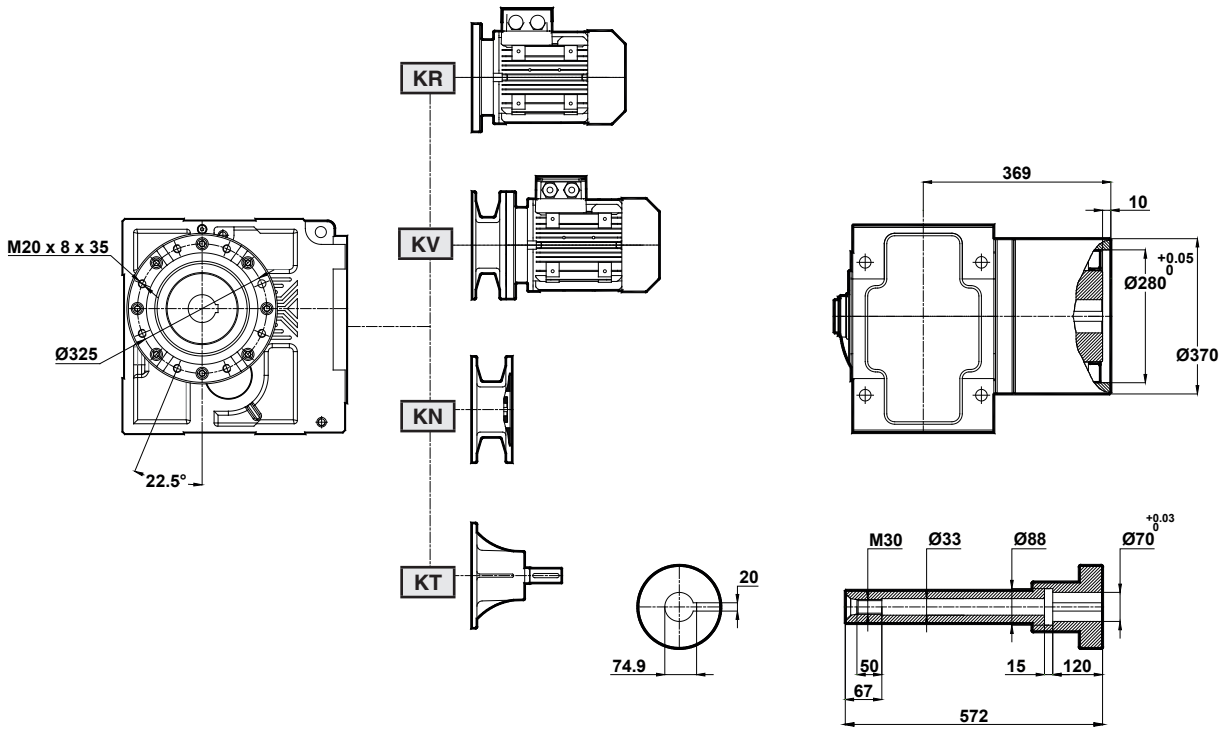
K.57.E


KR
KV
KN
KT
M14 x 8 x 25
Ø215
45°
275
10
Ø175
+0.04
0
Ø265
14
53.8
M24
Ø26
Ø61
Ø50
+0.02
0
30
15
70
48
401

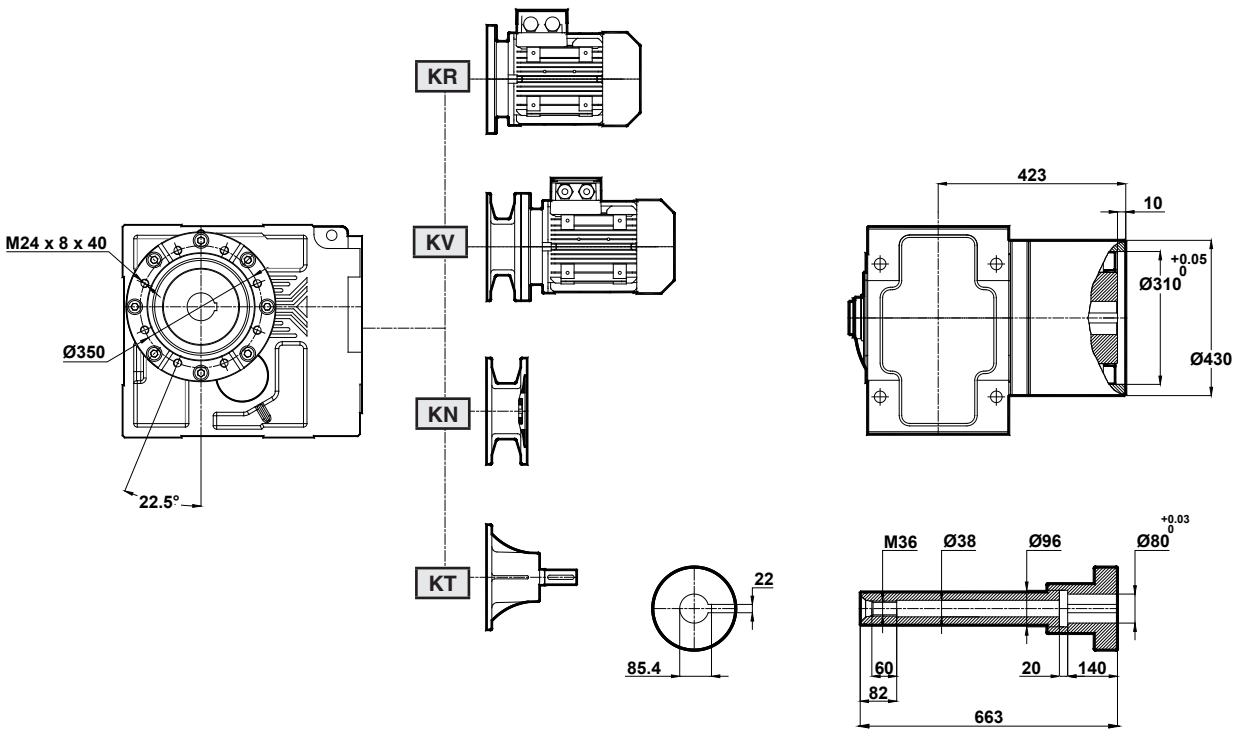
K.67.E


KR
KV
KN
KT
M16 x 8 x 30
Ø265
22.5°
312
10
Ø200
+0.05
0
Ø305
18
64.4
M24
Ø26
Ø72
Ø60
+0.03
0
40
15
80
58
485

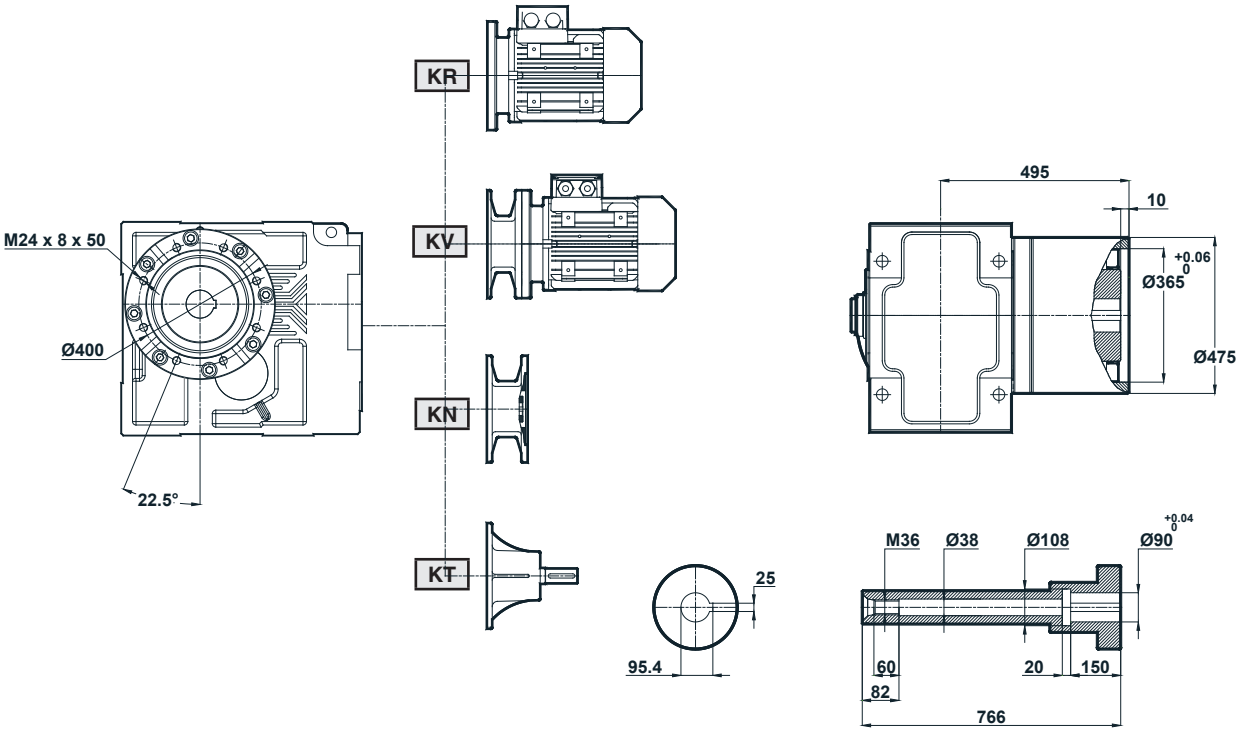
K.77.E


KR
KV
KN
KT
M20 x 8 x 35
Ø325
22.5°
369
10
+0.05 0
Ø280
Ø370
20
74.9
M30
Ø33
Ø88
+0.03 0
Ø70
50
67
15
120
572

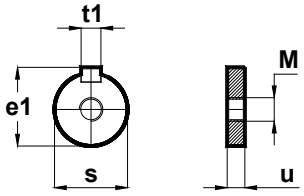
K.87.E

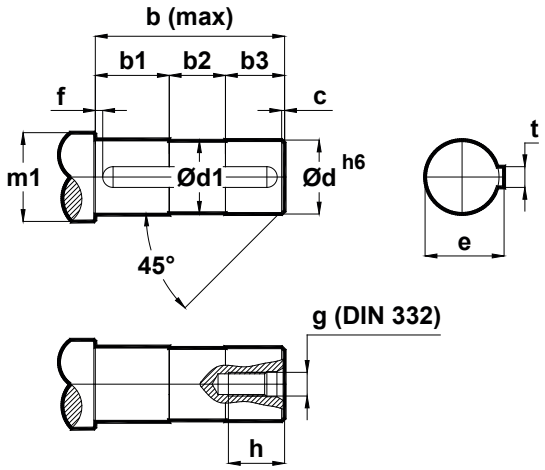

KR
KV
KN
KT
M24 x 8 x 40
Ø350
22.5°
423
10
+0.05 0
Ø310
Ø430
22
85.4
M36
Ø38
Ø96
+0.03 0
Ø80
60
82
20
140
663

K.97.E


KR
KV
KN
KT
M24 x 8 x 50
Ø400
22.5°
25
95.4
495
10
Ø365
+0.06
0
Ø475
M36
Ø38
Ø108
Ø90
+0.04
0
60
82
20
150
766

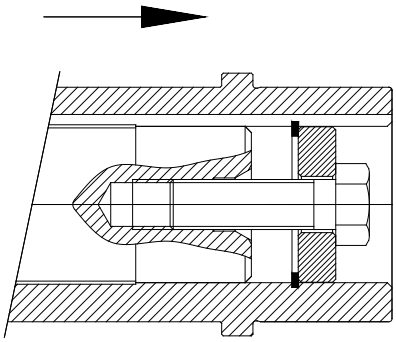
Advised Shaft Dimensions And Accesories Used By Assembling



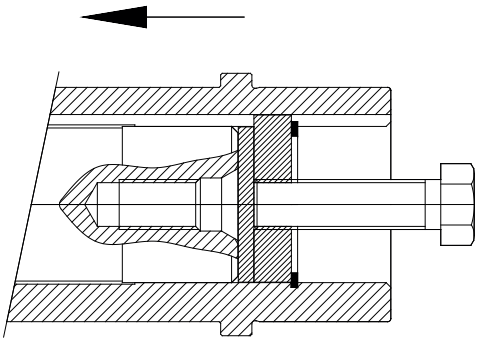


Type	s	u	e1	t1	M	d	d1	m1	f	b	b1	b2	b3	c	g	h	e	t
K.00..	19.7	10	22	5.5	M10	20	19	24	5	86	45	25	16	0.5	M6	18	22.5	6
K.10..	29.7	10	33	7.5	M12	30	29	36		90	50	20	20	1	M10	24	33	8
K.20..	34.7	12	38	9.5	M16	35	34	43		102	60	20	22	1	M12	30	38	10
K.27..	34.7	12	38	9.5	M16	35	34	43		114	65	27	22	1	M12	30	38	10
K.28..	34.7	12	43	11.5	M20	40	39	50		124	70	28	26	2	M16	38	43	12
K.37..	39.7	12	43	11.5	M20	40	39	50		138	75	35	28	2	M16	38	43	12
K.47..	49.7	12	53.5	13.5	M20	50	49	60		165	87	41	37	3	M16	38	53.5	14
K.57..	59.7	16	64	17.5	M24	60	59	75		188	101	44	43	3	M20	44	64	18
K.67..	69.7	16	74.5	19.5	M24	70	69	85		248	115	78	55	4	M20	44	74.5	20
K.77..	89.7	20	95	24.5	M30	90	89	110		287	140	83	64	4	M24	52	95	25
K.87..	109.7	20	116	27.5	M30	110	109	130		347	165	98	84	4	M24	52	116	28
K.97..	119.7	20	127	31	M30	120	119	140		434	185	130	119	4	M24	52	127	32

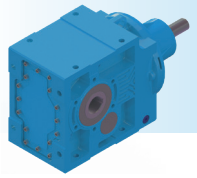
Shaft Mounting



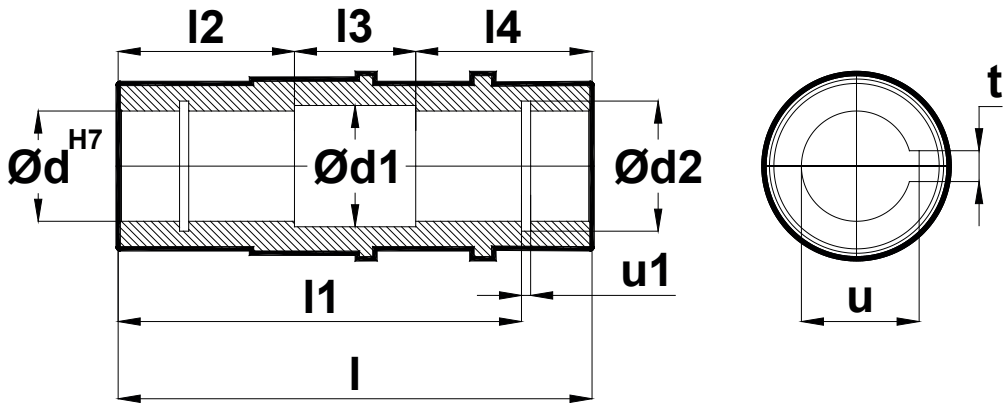
Shaft Pulling Out



6 Contour Bolt
(DIN ISO 4014 . DIN ISO 4017)
(DIN ISO 8765)

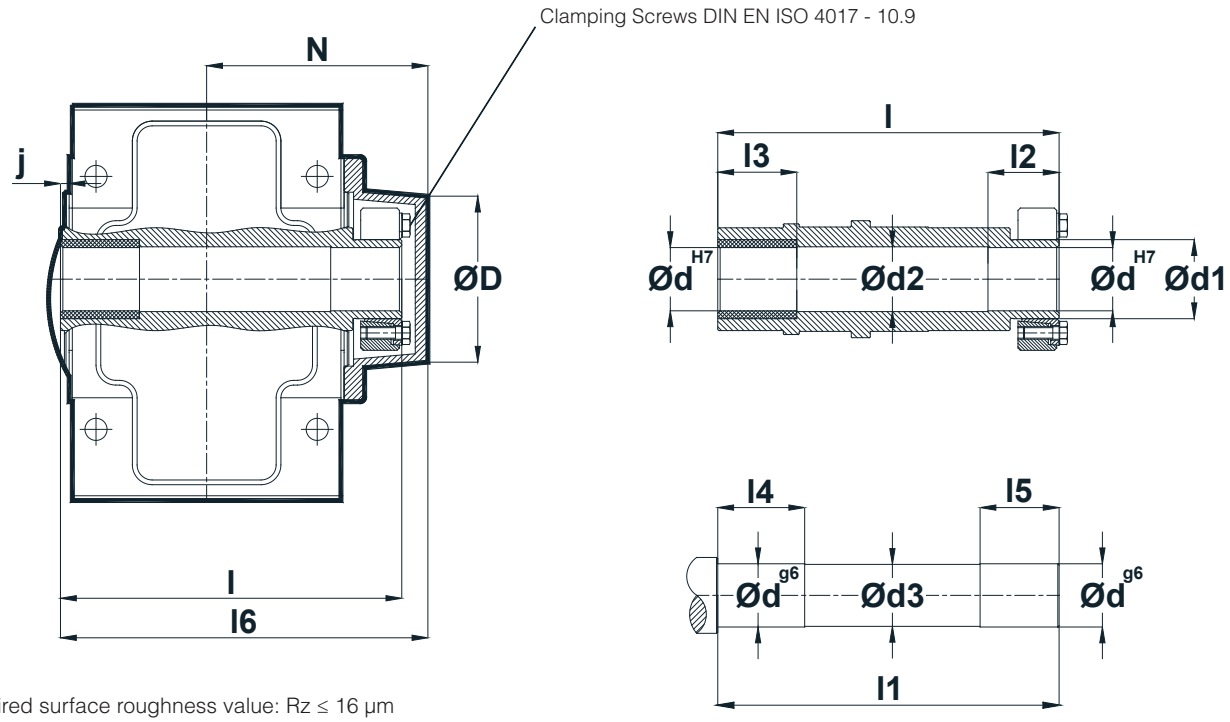


Hollow Shaft Dimensions



Type	d	d1	d2	l	l1	l2	l3	l4	u1	t	u
K.00..	20	21	21	115	100	40	35	40	1.1	6	22.8
K.10..	30	31	31.4	120	105	45	30	45	1.3	8	33.3
K.20..	35	36	36.4	140	120	55	30	55	1.6	8	38.3
K.27..	35	36	37	157	132	60	37	60	1.6	10	38.3
K.28..	40	41	42.5	166	142	64	38	64	1.85	12	43.3
K.37..	40	41	42.5	185	156	70	45	70	1.85	12	43.3
K.47..	50	51	53	215	183	82	51	82	2.15	14	53.8
K.57..	60	61	63	246	210	96	54	96	2.15	18	64.4
K.67..	70	71	73	308	270	110	88	110	2.65	20	74.9
K.77..	90	91	93.5	363	313	135	93	135	3.15	25	95.4
K.87..	110	111	114	428	373	160	108	160	4.15	28	116.4
K.97..	120	121	124	500	460	180	140	180	4.15	32	127.4

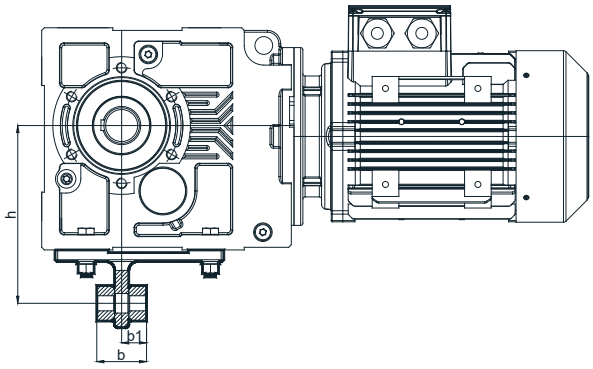
Hollow Shaft With Shrink Disc Connector

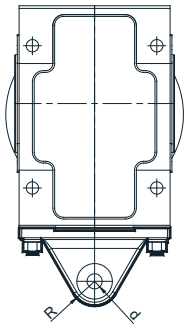


Desired surface roughness value: Rz ≤ 16 µm

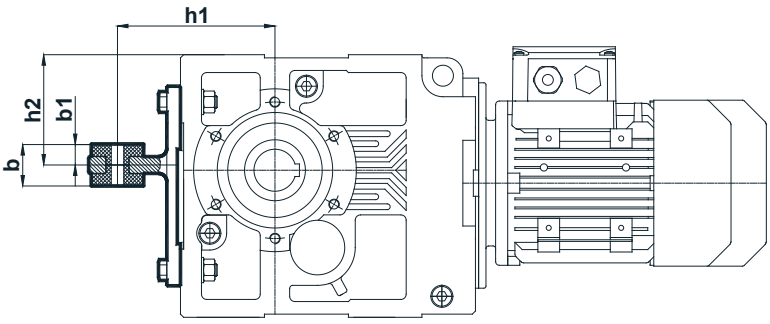
	ØD	Ød	Ød1	Ød2	Ød3	l	l1	l2	l3	l4	l5	l6	N	j	M x z	Ta [Nm]
K..00..0S	69	20	24	21	19	137	140	27	20	25	35	147	89.5	4	M5 x 6	4
K..10..0S	88	30	36	31	29	147	150	32	22	27	40	161	101	4	M6 x 5	12
K..20..0S	94	35	44	36	34	170	173	35	25	30	43	183	113	5	M6 x 7	12
K..27.0S	98	35	44	36	34	186	189	35	40	45	43	201	122.5	4.5	M6 x 7	12
K..28.0S	106	40	50	41	39	197	200	35	30	35	43	214	131	5	M6 x 8	12
K..37.0S	106	40	50	41	39	214	219	35	40	45	43	233	140.5	5.5	M6 x 8	12
K..47.0S	129	50	62	51	49	249	252	47,5	52,5	57,5	55,5	236.5	156	5.5	M6 x 10	12
K..57.0S	164	60	75	61	59	282	285	55	60	65	63	302.5	179.5	5.5	M8 x 7	30
K..67.0S	164	70	80	71	69	344	348	60	65	70	68	364	210	6	M8 x 7	30
K..77.0S	219	90	110	91	79	418	421	80	80	90	93	438.5	257	7.5	M10 x 9	59
K..87.0S	260	110	140	111	109	492	495	85	90	100	98	517	303	9	M12 x 10	100
K..97.0S	288	120	155	121	119	570	573	90	80	90	103	595	345	5	M12 x 12	100

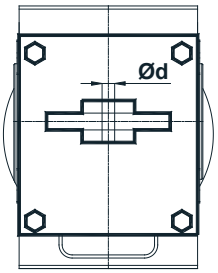
K.27.. - K.97.. Torque Arm Assembly Details



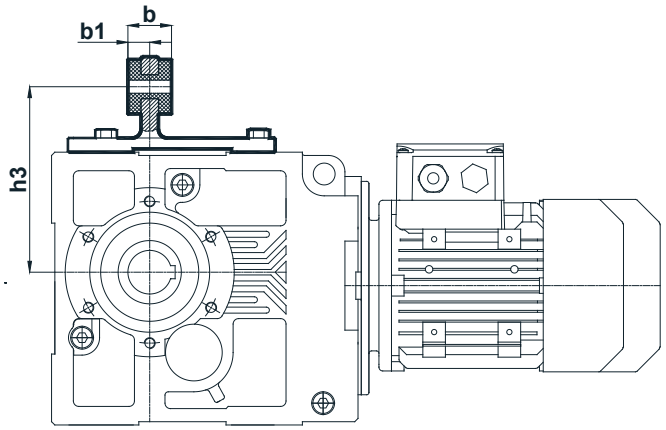


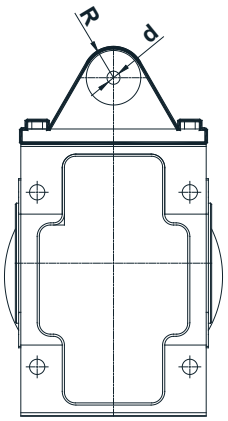
Std





T1

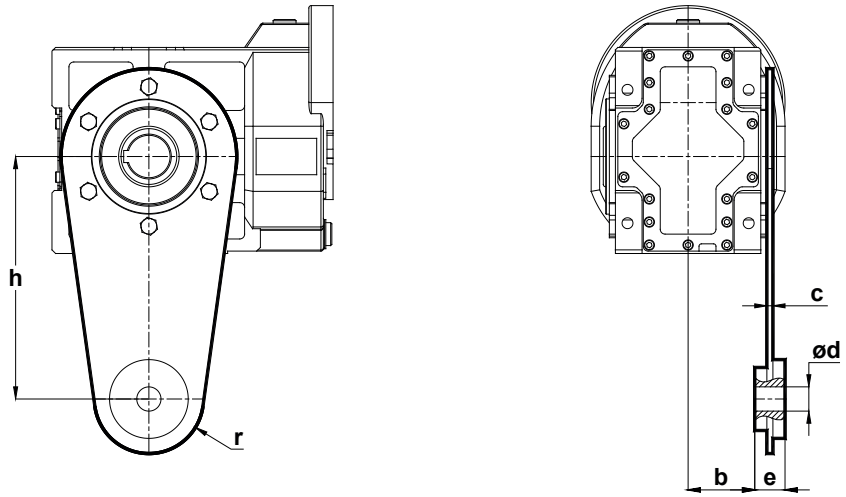




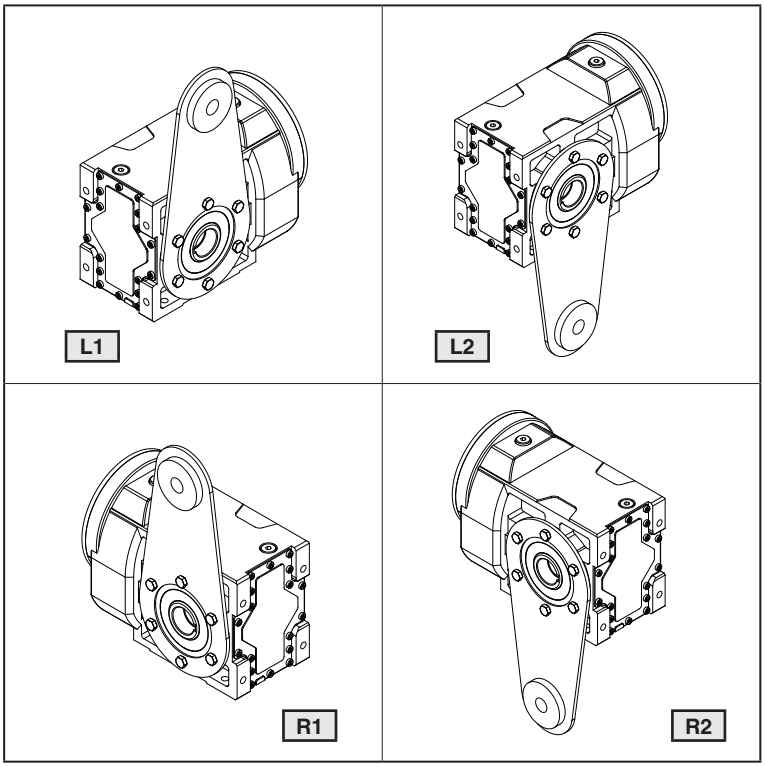
T2

					Std	T1		T2
Type	**b**	**b1**	**d**	**R**	**h**	**h1**	**h2**	**h3**
KR273.10	56	28	Ø17	22,5	160	119	73	141
KR283.10	76	38	Ø22	27,5	192	140	77	150
KR373.10	76	38	Ø22	27,5	200	150	105	170
KR473.10	80	40	Ø22	27,5	250	182	155	210
KR573.10	105	52,5	Ø26	42,5	300	220	180	251
KR673.10	110	55	Ø26	42,5	350	245	200	260
KR773.10	155	77,5	Ø32	50	450	335	260	360
KR873.10	160	80	Ø32	55	550	400	263	410
KR973.10	190	95	Ø38	70	700	530	380	550

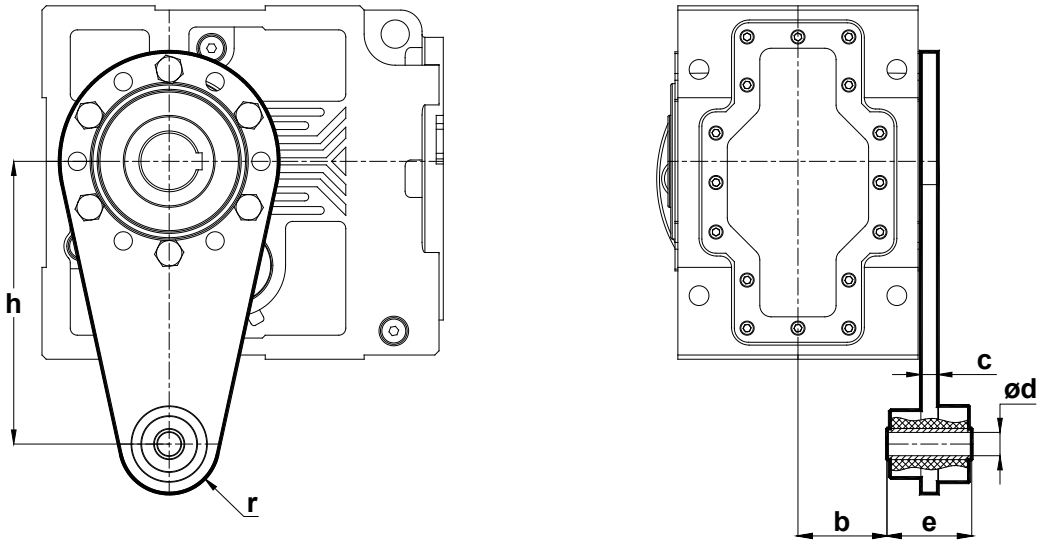
K.00.. - K.20.. Torque Arm Assembly Details



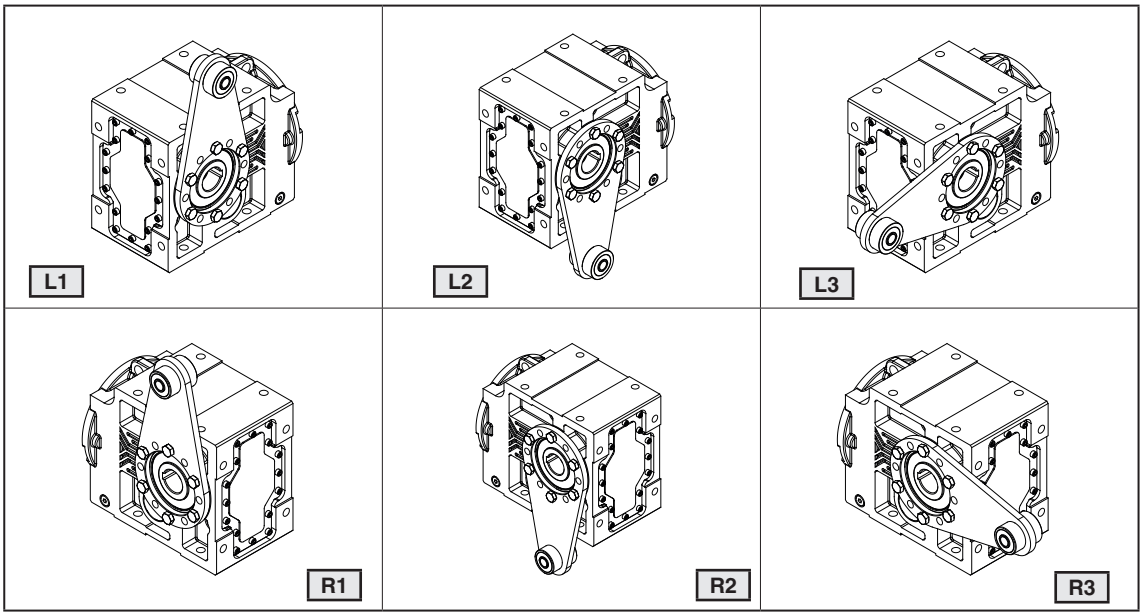
Type	b	e	d	r	h	c
K.00..	47	16	Ø10	32	100	3
K.10..	49.5	16	Ø10	36	150	3
K.20..	54.5	25	Ø20	45	200	5



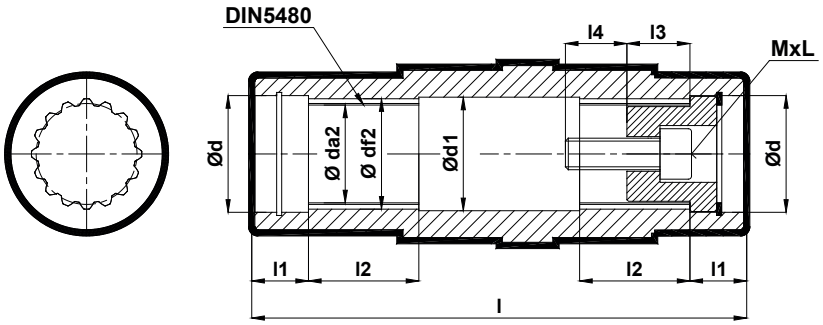
K.27.. - K.97.. Optional Torque Arm Assembly Details



Type	b	e	ød	r	h	c
K.273	62	36	ø11	25	160	12
K.283	63	60	ø16,5	35	200	12
K.373	63	60	ø16,5	35	200	12
K.473	78	60	ø16,5	35	250	12
K.573	73,5	100	ø25	48	300	12
K.673	105,5	100	ø25	54	380	15
K.773	131,5	100	ø25	58	450	15
K.873	155	120	ø32	70	550	20
K.973	195	120	ø38	75	700	20

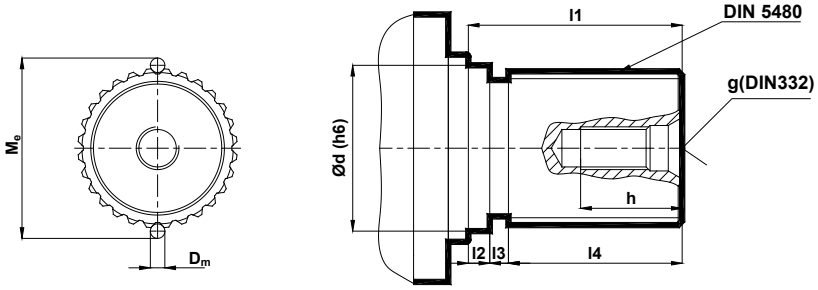


K.00.. - K.97.. Dimensions Of Splined Hollow Shaft To Din 5480



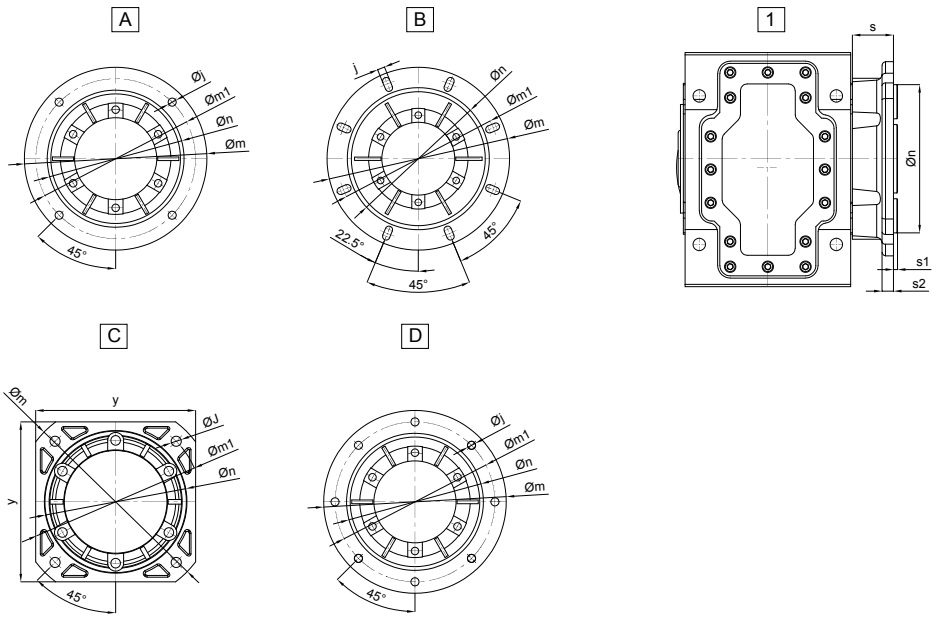
Type	DIN5480	ød	ød1	ød2	øda2	ødf2	l	l1	l2	l3	l4	MxL
K00	N25x1,25x30x18x9H	27	26	44	22,5	25,25	115	17	22	20	20	M10x60
K10	N30x1,25x30x22x9H	32	31	53	27,5	30,25	120	18	25	20	20	M10x60
K20 **K27** **K28**	N35x2x30x16x9H	37	36	64 58 63,5	31	35,4	140 157 166	18	35	20	20	M10x70 M10x90 M10x100
K37	N45x2x30x21x9H	47	46	74	41	45,4	185	25	45	24	32	M16x110
K47	N50x2x30x24x9H	55	51	84	46	50,4	215	25	55	24	32	M16x130
K57	N65x2x30x31x9H	72	66	104	61	65,4	246	25	65	30	40	M20x150
K67	N70x2x30x34x9H	72	71	119	66	70,4	308	25	75	30	40	M20x210
K77	N85x3x30x27x9H	90	86	139,5	79	85,6	363	26	90	30	40	M20x240
K87	N100x4x30x24x9H	110	101	169	92	100,8	428	30	105	41	50	M24x290
K97	N120x4x30x28x9H	130	121	179	112	120.8	500	35	120	41	50	M24x340

NOTE: The customer shaft length must be made only for one sided (l1+l2) splined hollow shaft dimensions! The total length (l) of the splined hollow shaft can not be used in this case!

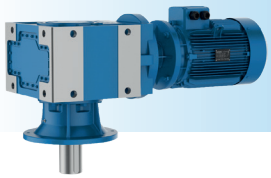


Type	DIN5480	ød	l1	l2	l3	l4	Me	Dm	g (DIN332)
K00	W25x1,25x30x18x8f	27	44	10	7	27	$28,01^{0\,/\,-0,03}$	2,75	M10x24
K10	W30x1,25x30x22x8f	32	48	11	7	30	$33,05^{0\,/\,-0,04}$	2,75	M10x24
K20 **K27** **K28**	W35x2x30x16x8f	37	58	11	7	40	$38,94^{0\,/\,-0,05}$	4,00	M10x24
K37	W45x2x30x21x8f	47	75	18	7	50	$48,88^{0\,/\,-0,05}$	4,00	M16x38
K47	W50x2x30x24x8f	55	85	18	7	60	$54,16^{0\,/\,-0,05}$	4,00	M16x38
K57	W65x2x30x31x8f	72	95	17	8	70	$68,99^{0\,/\,-0,06}$	4,00	M20x44
K67	W70x2x30x34x8f	72	105	17	8	80	$74,18^{0\,/\,-0,06}$	4,00	M20x44
K77	W85x3x30x27x8f	90	121	16	10	95	$91,02^{0\,/\,-0,05}$	6,00	M20x44
K87	W100x4x30x24x8f	110	140	20	10	110	$108,37^{0\,/\,-0,06}$	8,00	M24x52
K97	W120x4x30x28x8f	130	160	23	12	125	$127,89^{0\,/\,-0,06}$	8,00	M24x52

Optional Output Flange Dimensions



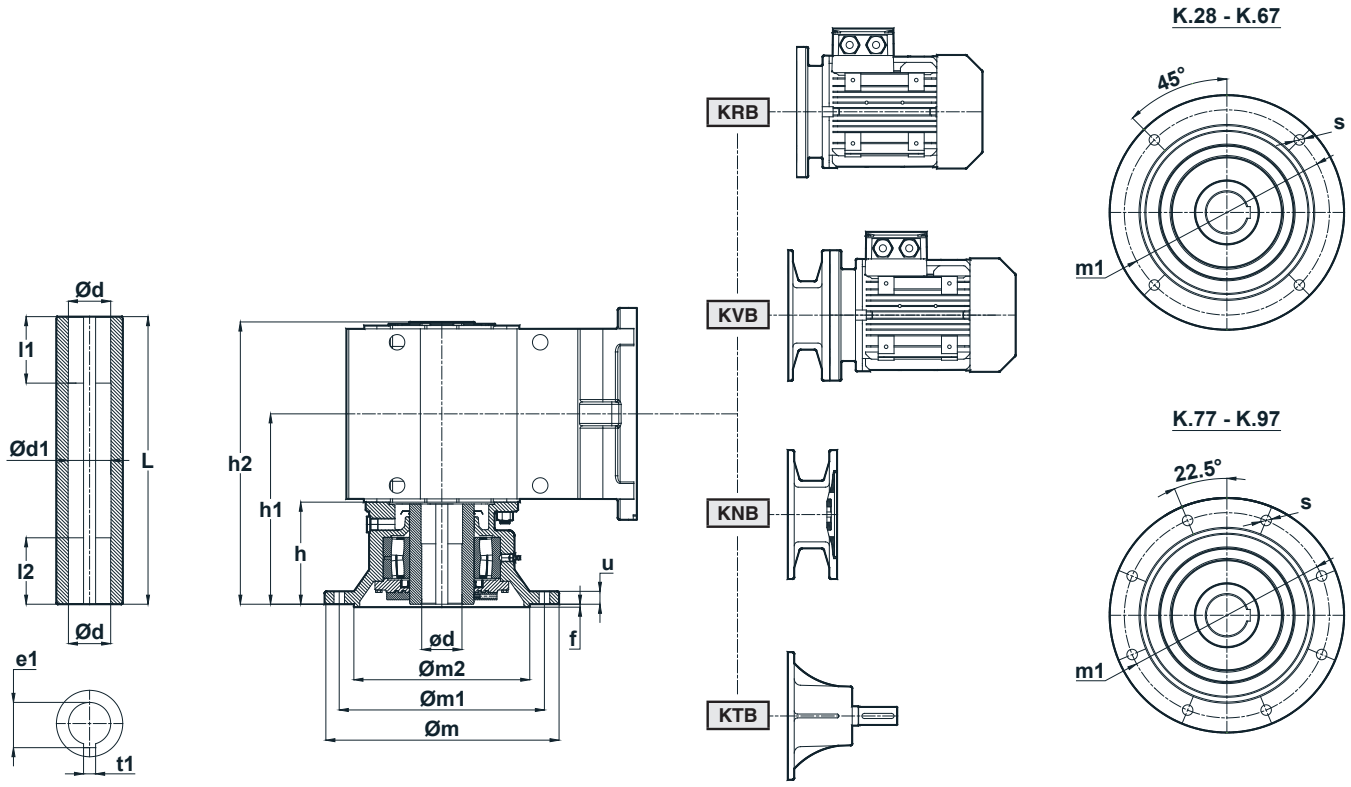
Type	Flange Code	Flange Type	Mounting Dimensions							
			øm	øm1	øn	j	s	s1	s2	y
K003	MX05.5K003-120	C1	120	95	80	8	46,5	3	9	110x110
K103	DX05.5D173-200	A1	200	165	130	12	28	3,5	12	-
K203 K273	MX05.K273-160X01	A1	160	130	110	12	54	3,5	13	-
	MX05.5K273-250	C1	250	215	180	14	42	4	14	210x210
K283 K373	MX05.5K373-250X05	A1	250	215	180	Ø14	86	4	15	-
	MX05.5K373-300	C1	300	265	230	14	46	4	16	240x240
	DX05.5D283-200	A1	200	165	130	12	30	4	19	-
	DX05.5D283-250	A1	250	215	180	Ø14	40	4	15	-
	DX05.5D373-300	A1	300	265	230	Ø14	40,5	4	15	-
K473	MX05.5K473-250	A1	250	215	180	14	28	4	16	-
	MX05.5K473-350	A1	350	300	250	Ø18	46,5	4	18	-
K573 K673	MX05.5K573X08	C1	350	300	250	Ø18	78	5	18	280x280
	MX05.5K573-300	A1	300	265	230	M12	30	4	20	-
	MX05.5K673-450	B1	450	400	350	18	62	5	22	-
	DX05.5D573-400	D1	400	350	300	Ø18	55	5	20	-
	DX05.5D673-450	D1	450	400	350	Ø18	54,5	5	20	-
K773	MX05.5K773-400	B1	400	350	300	Ø18	77	5	24	-
K873	MX05.5K873-450	B1	450	400	350	Ø18	99	5	26	-
	MX05.5K873-550X01	B1	550	500	450	18	51	5	25	-



Drywell Gearboxes With Hollow Shaft Dimensions

0A Hollow Shaft Option

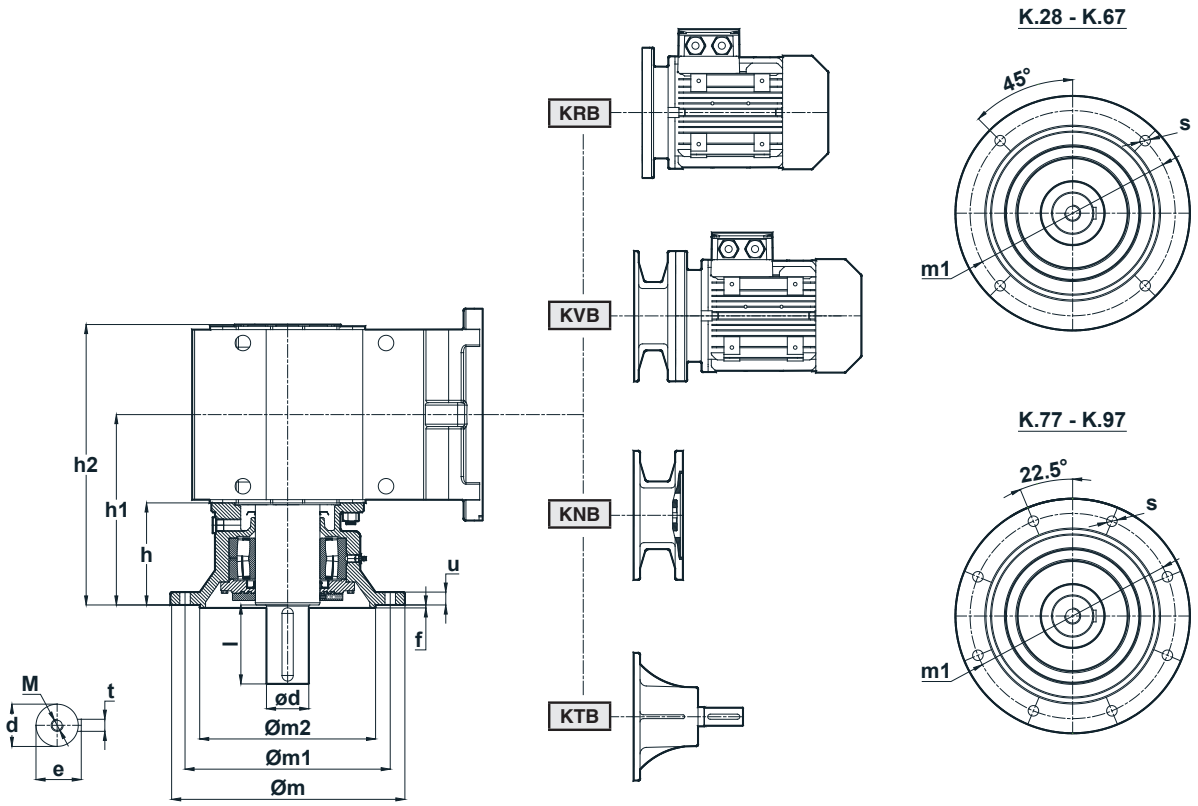
Output Flange



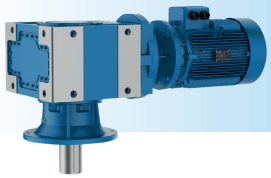
Type	m	m1	m2	h	h1	h2	f	u	s	L	l1	l2	d	d1	e1	t1
K.B 28	250	215	180	96	174	257	4	16	13,5x4	257	60	60	40	41	43,3	12
K.B 37	250	215	180	96	183	275,5	4	16	13,5x4	275,5	70	70	40	41	43,3	12
K.B 47	300	265	230	100	202	309,5	4	20	14x4	309,5	82	82	50	51	53,8	14
K.B 57	350	300	250	124	241,5	364,5	5	20	18x4	364,5	96	96	60	61	64,4	18
K.B 67	400	350	300	174	322	476	5	22	18x4	476	110	110	70	71	79,9	20
K.B 77	450	400	350	194	368	549,5	5	24	18x8	549,5	135	135	90	91	95,4	25
K.B 87	550	500	450	210	415	629	5	28	18x8	629	160	160	110	111	116,4	28
K.B 97	660	600	550	227	472	722	6	28	22x8	722	180	180	120	121	127,4	32

1A Solid Shaft Option

Output Flange



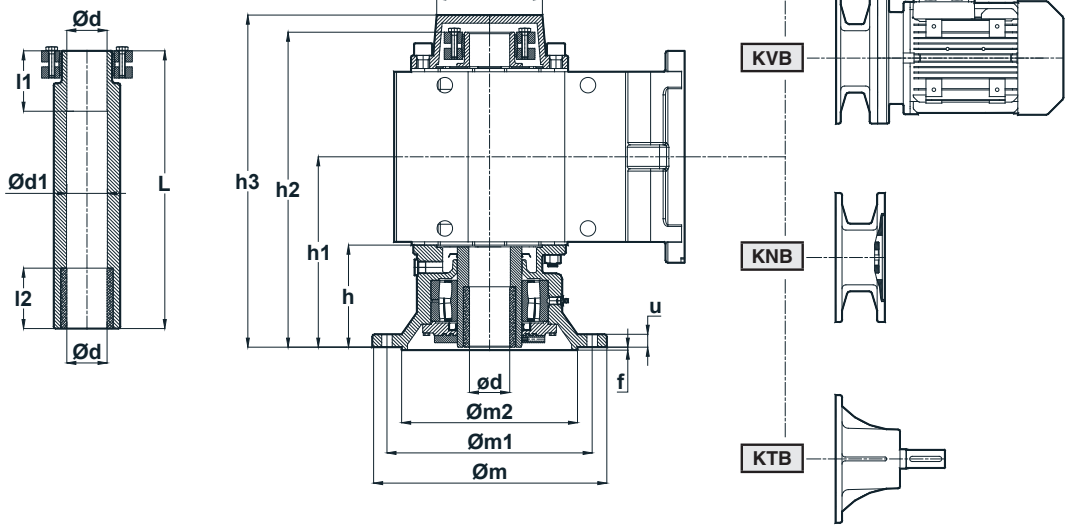
Type	m	m1	m2	h	h1	h2	f	u	s	d	l	e	t	M
K.B 28	250	215	180	96	174	255	4	16	13,5x4	40	80	43	12	M16
K.B 37	250	215	180	96	183	273	4	16	13,5x4	40	80	43	12	M16
K.B 47	300	265	230	100	202	307	4	20	14x4	50	100	53,5	14	M16
K.B 57	350	300	250	124	241,5	362	5	20	18x4	60	120	64	18	M20
K.B 67	400	350	300	174	322	473	5	22	18x4	75	140	79,5	20	M20
K.B 77	450	400	350	194	368	545	5	24	18x8	90	170	95	25	M24
K.B 87	550	500	450	210	415	625	5	28	18x8	110	210	116	28	M24
K.B 97	660	600	550	227	472	722	6	28	22x8	120	210	127	32	M24

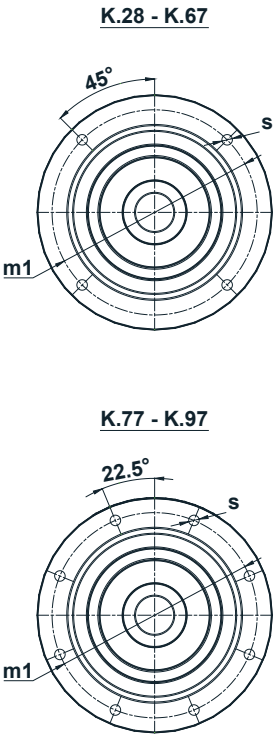


Drywell Gearboxes With Shrink Disk Dimensions

SA Shrink Disk Option

Output Flange

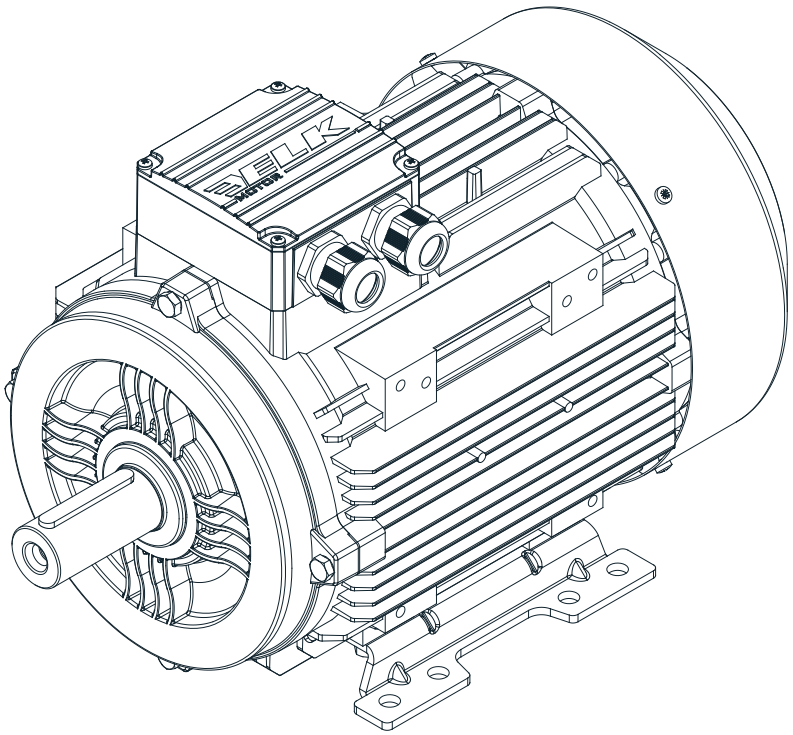


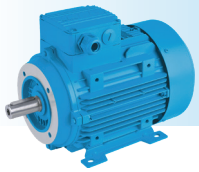


Type	m	m1	m2	h	h1	h2	h3	f	u	s	L	l1	l2	D	d	d1
K.B 28	250	215	180	96	174	288	305	4	16	13,5x4	288	35	30	106	40	41
K.B 37	250	215	180	96	183	306.5	323	4	16	13,5x4	306.5	45	50	106	40	41
K.B 47	300	265	230	100	202	343.5	358	4	20	14x4	343.5	47.5	52.5	129	50	51
K.B 57	350	300	250	124	241.5	400.5	421	5	20	18x4	400.5	55	60	164	60	61
K.B 67	400	350	300	174	322	512	532	5	22	18x4	512	60	65	164	70	71
K.B 77	450	400	350	194	368	604	624.5	5	24	18x8	604	80	80	219	90	91
K.B 87	550	500	450	210	415	693	718	5	28	18x8	693	85	90	260	110	111
K.B 97	660	600	550	227	472	792	817	6	28	22x8	792	90	80	288	120	121

DANA BREVINI® Motion Systems

ELECTRIC MOTORS RATINGS AND PERFOMANCE

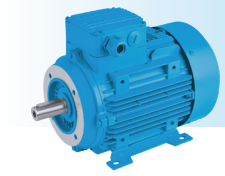




400V 50Hz 3000 rpm

IE3

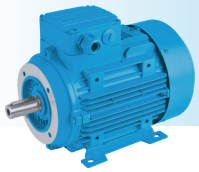
Type	Full-load Data								Starting Data		Breakdown Torque	Moment of Inertia	B3 Motor Weight	Noise Level
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	kW	rpm	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
3E71M/2B	0,37	2830	0,86	1,25	0,81	76,6	77,0	75,0	6,0	2,8	3,0	0,00037	6,2	53
3E71M/2C	0,55	2830	1,19	1,86	0,84	79,4	80,2	78,8	6,1	2,9	3,3	0,00046	7,2	53
3E80M/2B	0,75	2880	1,59	2,49	0,84	80,7	82,0	81,5	6,7	3,0	3,6	0,00103	9,6	54
3E80M/2C	1,1	2880	2,26	3,64	0,85	82,7	83,0	82,4	6,8	3,1	3,8	0,00124	10,9	54
3E90S/2B	1,5	2900	2,97	4,94	0,86	84,8	85,4	84,2	7,6	3,1	3,9	0,00178	15,6	59
3E90L/2C	2,2	2900	4,25	7,24	0,87	85,9	86,8	86,1	7,2	3,0	3,8	0,00221	17,0	59
3E100L/2C	3	2910	5,58	9,85	0,89	87,1	87,6	86,9	7,9	3,0	4,1	0,00450	23,3	62
3E112M/2C	4	2915	7,28	13,1	0,90	88,1	88,8	88,2	7,5	2,6	3,9	0,00620	29,1	65
3E132S/2B	5,5	2945	9,9	17,83	0,90	89,2	89,0	88,6	8,9	2,9	3,9	0,01730	44,4	67
3E132S/2C	7,5	2945	13,2	24,32	0,91	90,1	90,5	89,7	8,4	2,6	4,0	0,02100	51,5	67
3E160M/2B	11	2950	19,7	35,6	0,88	91,2	91,0	90,5	8,0	2,6	3,9	0,03320	79,7	69
3E160M/2C	15	2950	25,9	48,55	0,91	91,9	92,1	91,6	8,9	3,1	4,2	0,03910	86,0	69
3E160L/2D	18,5	2945	31,7	60	0,91	92,4	92,7	92,3	8,9	3,1	4,2	0,04410	96,7	69
3E180M/2B	22	2957	38,1	71,05	0,90	92,7	92,9	92,0	8,6	2,6	3,9	0,06300	178	70
3E200L/2B	30	2970	52	96,46	0,89	93,6	93,8	93,6	8,9	3,2	3,5	0,16200	245	72
3E200L/2C	37	2970	62,6	119	0,91	93,7	93,8	93,4	9,3	3,2	3,4	0,17500	270	72
3E225M/2C	45	2975	75,6	144,4	0,91	94,3	94,6	94,0	9,8	3,5	3,9	0,25400	335	74
3E250M/2C	55	2970	93,3	176,9	0,90	94,4	94,8	94,5	8,9	3,3	3,4	0,38000	422	75
3E280S/2B	75	2980	127	240,35	0,90	94,7	94,7	94,0	7,5	2,7	3,2	0,79000	560	76
3E280M/2C	90	2985	150	287,94	0,91	95,0	95,1	94,5	7,6	2,7	3,1	0,90000	630	76
3G315S/2	110	2985	186	352	0,90	95,2	95,2	94,0	8,0	2,5	3,0	1,20000	742	76
3G315M/2	132	2985	223	422	0,90	95,4	95,4	94,1	8,0	2,4	3,5	1,40000	812	79
3G315L/2a	160	2985	265	512	0,91	95,6	95,6	94,2	8,0	2,5	3,0	1,50000	912	79



400V 50Hz 1500 rpm

IE3

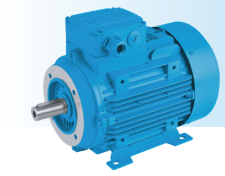
Type	Full-load Data								Starting Data		Breakdown Torque	Moment of Inertia	B3 Motor Weight	Noise Level
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	kW	rpm	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
3E71M/4C	0,25	1435	0,67	1,66	0,71	76,0	75,4	71,5	5,4	2,2	3,0	0,00082	6,8	45
3E71M/4D	0,37	1435	0,97	2,46	0,70	78,5	78,2	75,0	5,5	2,2	3,1	0,00093	7,5	45
3E80M/4C	0,55	1450	1,34	3,62	0,73	80,8	80,4	77,0	5,9	2,1	3,1	0,00200	10,5	50
3E80M/4D	0,75	1450	1,77	4,94	0,74	82,5	82,3	80,0	6,2	2,5	3,4	0,00227	11,6	50
3E90S/4C	1,1	1450	2,46	7,25	0,76	84,5	84,3	82,0	7,0	2,6	3,6	0,00355	16,3	51
3E90L/4D	1,5	1450	3,3	9,88	0,77	85,3	85,2	83,0	7,2	2,8	3,8	0,00410	18,0	51
3E100L/4C	2,2	1450	4,65	14,49	0,79	86,7	87,2	86,0	7,2	2,8	3,6	0,00780	24,4	53
3E100L/4D	3	1450	6,26	19,76	0,79	87,7	88,0	87,0	7,2	2,8	3,6	0,00890	26,7	53
3E112M/4D	4	1460	8,05	26,16	0,81	88,6	88,4	87,5	7,4	2,8	3,8	0,01430	33,9	58
3E132S/4C	5,5	1460	10,65	36	0,83	89,6	90,2	90,0	7,4	2,8	3,4	0,03060	53,4	61
3E132M/4D	7,5	1465	14,4	48,9	0,83	90,4	90,4	89,4	7,9	3,0	3,8	0,03420	59,5	61
3E160M/4C	11	1470	21	71,46	0,83	91,5	92,1	91,7	7,6	2,8	3,3	0,07010	89,2	63
3E160L/4D	15	1470	28,7	97,45	0,82	92,1	92,4	91,9	7,8	2,8	3,6	0,08600	97,5	63
3E180M/4C	18,5	1475	35	119,8	0,82	92,6	93,2	92,9	7,7	3,0	3,3	0,12900	173	64
3E180L/4D	22	1470	41,4	142,92	0,82	93,0	93,7	93,7	8,0	3,0	3,4	0,14700	187	64
3E200L/4D	30	1475	54,5	194,2	0,85	93,6	94,1	94,0	8,0	3,0	3,4	0,28400	258	65
3E225S/4C	37	1478	65,7	239	0,87	93,9	94,5	94,5	8,3	3,2	3,3	0,38200	320	66
3E225M/4D	45	1477	80	290,9	0,86	94,2	94,7	94,7	8,6	3,3	3,2	0,44100	352	67
3E250M/4D	55	1482	95,3	354,4	0,88	94,6	95,1	95,2	8,7	3,3	3,2	0,73400	470	68
3E280S/4C	75	1485	129,5	482,3	0,86	95,0	95,3	95,1	7,9	3,0	3,2	1,40000	646	69
3E280M/4D	90	1485	155,5	578,8	0,86	95,2	95,7	95,7	7,9	3,1	3,2	1,50000	670	70
3G315S/4	110	1487	194	706	0,86	95,4	95,2	95,0	7,4	2,4	3,0	2,5000	861	74
3G315M/4a	132	1488	226	847	0,88	95,6	95,4	95,3	7,4	2,4	3,0	2,8000	882	74
3G315L/4a	160	1488	275	1027	0,88	95,8	95,6	95,6	6,9	2,2	2,9	3,0000	930	74



400V 50Hz 1000 rpm

IE3

Type	Full-load Data								Starting Data		Breakdown Torque	Moment of Inertia	B3 Motor Weight	Noise Level
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	kW	rpm	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
3E71M/6C	0,18	930	0,55	1,85	0,69	68,0	67,4	62,6	3,6	2,0	2,4	0,00096	6,7	41
3E71M/6D	0,25	930	0,77	2,57	0,67	70,0	69,7	66,0	3,6	2,2	2,5	0,00116	7,5	41
3E80M/6B	0,37	930	1,03	3,8	0,70	74,0	73,8	70,0	4,4	2,1	2,6	0,00202	9,8	43
3E80M/6C	0,55	935	1,47	5,62	0,70	77,2	77,3	74,4	4,3	2,2	2,7	0,00228	10,6	43
3E90S/6B	0,75	945	1,96	7,58	0,70	78,9	79,2	77,6	4,7	2,2	2,7	0,00354	14,6	46
3E90L/6C	1,1	940	2,75	11,2	0,71	81,0	80,8	79,4	5,0	2,2	2,7	0,00428	17,0	46
3E100L/6B	1,5	955	3,5	15	0,75	82,5	82,7	81,4	5,3	2,1	2,8	0,00820	22,5	50
3E112M/6B	2,2	960	4,95	21,9	0,76	84,3	84,5	83,5	5,5	2,2	3,0	0,01320	27,2	56
3E132S/6B	3	970	6,55	29,4	0,77	85,6	85,5	84,5	6,2	2,1	3,0	0,03050	46,5	58
3E132M/6C	4	970	8,52	39,4	0,78	86,8	87,0	85,5	6,2	2,2	3,0	0,03500	51,0	58
3E132M/6D	5,5	965	11,55	54,4	0,78	88,0	88,9	88,5	6,2	2,2	3,0	0,03940	56,0	58
3E160M/6D	7,5	972	15,55	73,8	0,78	89,1	89,4	88,4	6,3	2,6	3,0	0,07870	96,0	61
3E160L/6E	11	972	22,9	108,07	0,77	90,3	90,9	90,5	6,6	2,9	3,3	0,08580	104	62
3E180L/6E	15	975	30,80	147,92	0,77	91,2	91,6	91,0	6,7	2,9	3,1	0,15300	187	63
3E200L/6C	18,5	977	36,4	180,8	0,80	91,7	91,8	91,8	6,1	2,6	2,6	0,36100	225	64
3E200L/6D	22	978	42,5	214,8	0,81	92,2	92,9	93,0	6,2	2,6	2,7	0,39400	245	64
3E225M/6C	30	985	57,6	290,8	0,81	92,9	92,9	92,6	6,6	2,6	2,7	0,60000	326	65
3E250M/6C	37	988	68,8	357,6	0,83	93,4	93,6	93,5	6,8	2,7	2,68	0,82000	432	65
3E280S/6B	45	989	82,5	434,5	0,84	93,7	93,9	93,2	6,8	2,9	2,8	1,45000	540	65
3E280M/6C	55	989	100,4	531	0,84	94,1	94,4	93,5	6,9	2,9	2,9	1,6500	575	65
3G315S/6	75	992	140	722	0,82	94,6	94,6	94,4	7,2	2,7	3,0	2,9000	805	72
3G315M/6a	90	992	166	866	0,82	94,9	94,9	94,5	7,2	2,7	3,0	3,5000	860	72
3G315M/6b	110	992	198	1059	0,84	95,1	95,1	94,9	7,2	2,7	3,0	4,2000	980	72
3G315L/6	132	992	235	1271	0,85	95,4	95,4	95,2	7,2	2,7	3,0	4,3000	1150	72
3G355M/6a	160	993	197	1539	0,82	95,6	95,6	95,0	7,0	2,4	3,2	6,8000	1185	72

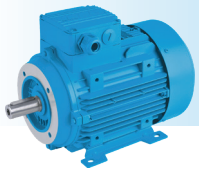


400V 50Hz 3000 rpm

IE2

Type	Full-load Data								Starting Data		Breakdown Torque	Moment of Inertia	B3 Motor Weight	Noise Level
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	kW	rpm	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
G56/2b *	0,12	2800	0,35	0,41	0,74	64,5	64,1	56,9	4,2	2,5	2,8	0,00012	2,8	42
G63/2a *	0,18	2820	0,5	0,61	0,73	64,4	64,2	57,7	4,6	2,9	2,9	0,00011	3,6	52
G63/2b *	0,25	2840	0,67	0,84	0,63	67,3	67,1	60,9	4,5	2,5	2,9	0,00013	4,0	52
2E71M/2A	0,37	2790	0,9	1,26	0,80	74,2	74,5	72,5	5,0	2,5	2,8	0,00031	5,5	54
2E71M/2B	0,55	2790	1,27	1,88	0,82	75,8	77,0	76,0	5,0	2,8	2,9	0,00037	6,3	54
2E80M/2A	0,75	2850	1,67	2,51	0,83	78,0	79,0	77,5	5,7	2,5	3,0	0,00089	8,7	56
2E80M/2B	1,1	2850	2,36	3,69	0,84	80,1	81,3	80,7	5,8	2,7	3,1	0,00103	9,7	56
2E90S/2A	1,5	2880	3,17	4,98	0,83	82,5	82,6	82,0	6,0	2,6	3,3	0,00152	14,1	60
2E90L/2B	2,2	2860	4,48	7,35	0,85	83,2	85,0	85,0	6,0	2,6	3,1	0,00178	15,5	60
2E100L/2B	3	2890	5,8	9,91	0,88	84,8	85,2	84,7	7,0	2,6	3,4	0,00380	20,8	63
2E112M/2A	4	2910	7,6	13,13	0,88	86,5	87,1	86,8	7,0	2,4	3,6	0,00530	25,7	66
2E132S/2A	5,5	2935	10,2	17,9	0,88	88,2	88,4	87,6	7,9	2,8	3,9	0,01550	41	68
2E132S/2B	7,5	2925	13,6	24,5	0,90	88,5	88,8	88,6	7,6	2,6	3,9	0,01730	45,2	68
2E160M/2A	11	2940	19,6	35,73	0,90	89,8	90,0	89,0	7,4	2,7	3,6	0,02920	71,4	70
2E160M/2B	15	2935	26,9	48,8	0,89	90,3	91,0	90,7	7,0	2,6	3,5	0,03320	77,0	70
2E160L/2C	18,5	2935	32,2	60,19	0,91	91,1	91,5	91,0	8,2	2,9	3,8	0,03910	89,0	70
2E180M/2A	22	2955	39,0	71,1	0,89	91,4	91,6	90,6	7,9	2,6	3,6	0,06300	163	71
2E200L/2A	30	2965	52	96,63	0,90	92,4	92,7	92,2	8,0	2,9	3,1	0,14600	230	74
2E200L/2B	37	2965	64	119,2	0,90	92,7	93,2	93,0	8,4	3,1	3,3	0,16200	240	75
2E225M/2B	45	2970	77,4	144,7	0,90	93,2	93,5	93,0	8,6	2,7	3,7	0,22000	310	75
2E250M/2B	55	2970	94,5	176,8	0,90	93,3	93,6	93,1	7,9	2,7	3,6	0,32800	388	77
2E280S/2A	75	2978	128	240,5	0,90	93,8	94,0	93,0	7,9	2,7	3,0	0,70000	510	77
2E280M/2B	90	2980	153	288,4	0,90	94,1	94,2	93,1	7,5	2,8	3,2	0,79000	570	77
2G315S/2	110	2980	192	352	0,88	94,3	94,3	92,8	7,0	2,5	3,0	1,00000	742	79
2G315M/2a	132	2980	224	423	0,90	94,6	94,5	93,3	8,0	2,5	3,0	1,20000	812	79
2G315M/2b	160	2980	266	513	0,92	94,8	94,8	93,4	7,8	2,5	3,2	1,40000	912	79

* : IE1 Data

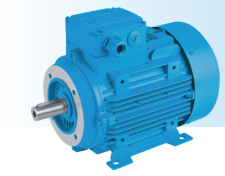


400V 50Hz 1500 rpm

IE2

Type	Full-load Data								Starting Data		Breakdown Torque	Moment of Inertia	B3 Motor Weight	Noise Level
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	kW	rpm	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
G63/4a *	0,12	1365	0,41	0,84	0,74	57,1	57,1	53,3	3,1	2,0	2,2	0,00017	3,4	43
G63/4b *	0,18	1340	0,6	1,28	0,73	59,7	59,7	55,8	2,9	2,0	2,0	0,00021	3,9	43
2E71M/4B	0,25	1425	0,71	1,68	0,69	74,0	73,5	70,5	4,4	2,0	3,0	0,00067	5,9	46
2E71M/4C	0,37	1425	1,0	2,47	0,70	76,1	75,5	71,5	4,6	2,0	3,0	0,00082	6,7	46
2E80M/4B	0,55	1440	1,45	3,65	0,71	77,1	76,7	75,0	5,2	2,0	3,0	0,00175	9,7	50
2E80M/4C	0,75	1440	1,95	4,97	0,70	79,6	79,2	77,0	5,2	2,0	3,0	0,00200	10,5	50
2E90S/4B	1,1	1440	2,6	7,3	0,75	81,4	81,4	80,5	5,6	2,2	3,1	0,00281	14,4	52
2E90L/4C	1,5	1440	3,4	9,95	0,77	82,8	83,0	82,0	6,0	2,3	3,2	0,00356	17,2	52
2E100L/4B	2,2	1445	4,85	14,6	0,78	84,3	85,3	84,2	6,0	2,4	3,2	0,00634	22,7	54
2E100L/4C	3	1440	6,42	19,89	0,79	85,5	85,7	84,6	6,3	2,4	3,3	0,00775	24,2	54
2E112M/4C	4	1450	8,2	26,35	0,81	86,8	87,4	86,5	6,6	2,5	3,4	0,01220	32	58
2E132S/4B	5,5	1455	11,2	36,1	0,81	87,7	88,6	88,0	6,7	2,6	3,2	0,02520	47,8	62
2E132M/4C	7,5	1460	15,1	49	0,81	88,7	89,0	89,0	7,0	2,7	3,3	0,03060	54,8	62
2E160M/4B	11	1465	21,3	71,7	0,83	89,8	90,3	89,5	6,9	2,4	3,0	0,05800	76,8	65
2E160L/4C	15	1460	28,8	98,12	0,83	90,6	91,3	90,9	6,9	2,6	3,0	0,07000	88,6	65
2E180M/4B	18,5	1465	34,9	120,6	0,84	91,2	91,4	91,4	6,9	2,5	3,0	0,11100	158	65
2E180L/4C	22	1465	41,4	143,40	0,84	91,6	91,7	91,5	7,1	2,6	3,2	0,12900	174	65
2E200L/4C	30	1475	55,5	194,24	0,85	92,3	93,0	93,2	7,6	3,0	3,1	0,23300	241	65
2E225S/4B	37	1475	66	239,5	0,87	93,0	93,8	93,8	7,8	3,0	3,1	0,33900	297	66
2E225M/4C	45	1475	80	291,4	0,87	93,1	94,0	94,3	7,8	3,0	3,0	0,38200	333	66
2E250M/4C	55	1478	95,5	355,4	0,89	93,5	94,3	94,4	7,9	3,2	3,0	0,62400	430	68
2E280S/4B	75	1483	130,8	482,97	0,88	94,0	94,5	94,4	7,9	3,0	3,0	1,25000	618	69
2E280M/4C	90	1484	156	579,2	0,88	94,2	94,6	94,5	7,9	3,2	3,1	1,40000	648	70
2G315S/4	110	1485	195	707	0,86	94,5	94,5	93,8	7,4	2,0	3,0	2,10000	784	74
2G315M/4a	132	1485	230	849	0,87	94,7	94,5	93,8	7,4	2,1	3,0	2,50000	861	74
2G315M/4b	160	1485	280	1029	0,87	94,9	94,9	94,0	7,0	2,0	2,9	2,80000	882	74

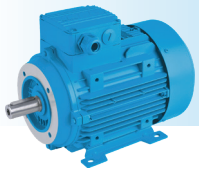
* : IE1 Data



400V 50Hz 1000 rpm

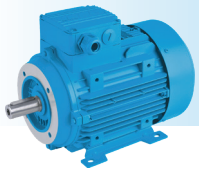
IE2

Type	Full-load Data								Starting Data		Breakdown Torque	Moment of Inertia	B3 Motor Weight	Noise Level
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	kW	rpm	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
2E71M/6B	0,18	920	0,6	1,87	0,67	64,5	63,0	57,0	3,2	1,9	2,3	0,00076	5,9	42
2E71M/6C	0,25	920	0,78	2,59	0,69	66,5	66,0	61,0	3,3	1,9	2,3	0,00096	6,6	42
2E80M/6A	0,37	925	1,08	3,82	0,69	71,4	71,5	70,0	4,0	2,0	2,6	0,00176	9,1	45
2E80M/6B	0,55	932	1,5	5,64	0,72	73,5	74,0	71,0	4,2	2,1	2,6	0,00202	9,9	45
2E90S/6A	0,75	940	2,0	7,62	0,71	75,9	76,1	73,1	4,1	2,0	2,6	0,00229	13,3	48
2E90L/6B	1,1	940	2,9	11,18	0,70	78,1	78,3	75,0	4,3	2,1	2,6	0,00354	14,8	48
2E100L/6A	1,5	950	3,72	15	0,73	79,8	80,2	79,5	4,5	2,1	2,6	0,00680	20,2	52
2E112M/6A	2,2	960	5,32	21,9	0,73	81,8	82,0	81,5	5,3	2,1	2,7	0,01170	25	56
2E132S/6A	3	970	6,85	29,6	0,76	83,3	84,0	83,0	5,6	2,0	2,8	0,02610	42	60
2E132M/6B	4	970	8,8	39,38	0,77	85,2	85,7	85,3	5,2	2,1	2,6	0,03050	46	60
2E132M/6C	5,5	965	12	54,4	0,77	86,0	87,2	87,0	5,7	2,1	2,7	0,03500	51	60
2E160M/6B	7,5	972	16,3	73,68	0,76	87,2	88,1	87,7	5,6	2,4	2,7	0,05700	77,8	63
2E160L/6D	11	970	22,95	108,3	0,78	88,7	90,0	89,9	6,0	2,5	2,9	0,07870	97,8	63
2E180L/6D	15	972	31	147,4	0,78	89,7	90,5	90,2	6,2	2,5	2,9	0,13500	175	64
2E200L/6B	18,5	977	36,5	180,8	0,81	90,4	90,5	90,7	6,3	2,5	2,6	0,30100	205	64
2E200L/6C	22	978	43	214,8	0,81	91,1	91,3	91,2	6,2	2,5	2,6	0,33400	215	64
2E225M/6B	30	980	57,6	292,2	0,82	91,7	91,8	90,8	6,6	2,6	2,7	0,52000	314	65
2E250M/6B	37	982	69,6	359,80	0,83	92,3	92,6	92,5	6,8	2,7	2,8	0,68000	395	66
2E280S/6A	45	985	84,5	436	0,83	92,7	93,1	92,2	6,8	2,8	2,8	1,15000	490	66
2E280M/6B	55	985	101,5	533,2	0,84	93,1	93,2	93,5	6,9	2,9	2,8	1,45000	545	66
2G315S/6	75	990	139	723	0,83	93,7	93,7	92,4	7,0	2,0	2,5	2,40000	727	72
2G315M/6a	90	990	166	868	0,83	94,0	94,0	92,6	7,0	2,0	2,5	2,90000	805	72
2G315M/6b	110	990	198	1061	0,85	94,3	94,3	92,7	7,0	2,0	2,6	3,50000	860	72
2G315L/6a	132	990	240	1273	0,84	94,6	94,6	93,0	7,0	2,3	3,0	3,60000	1020	72
2G315L/6b	160	990	290	1543	0,84	94,8	94,8	93,2	7,0	2,3	2,7	4,20000	1120	72

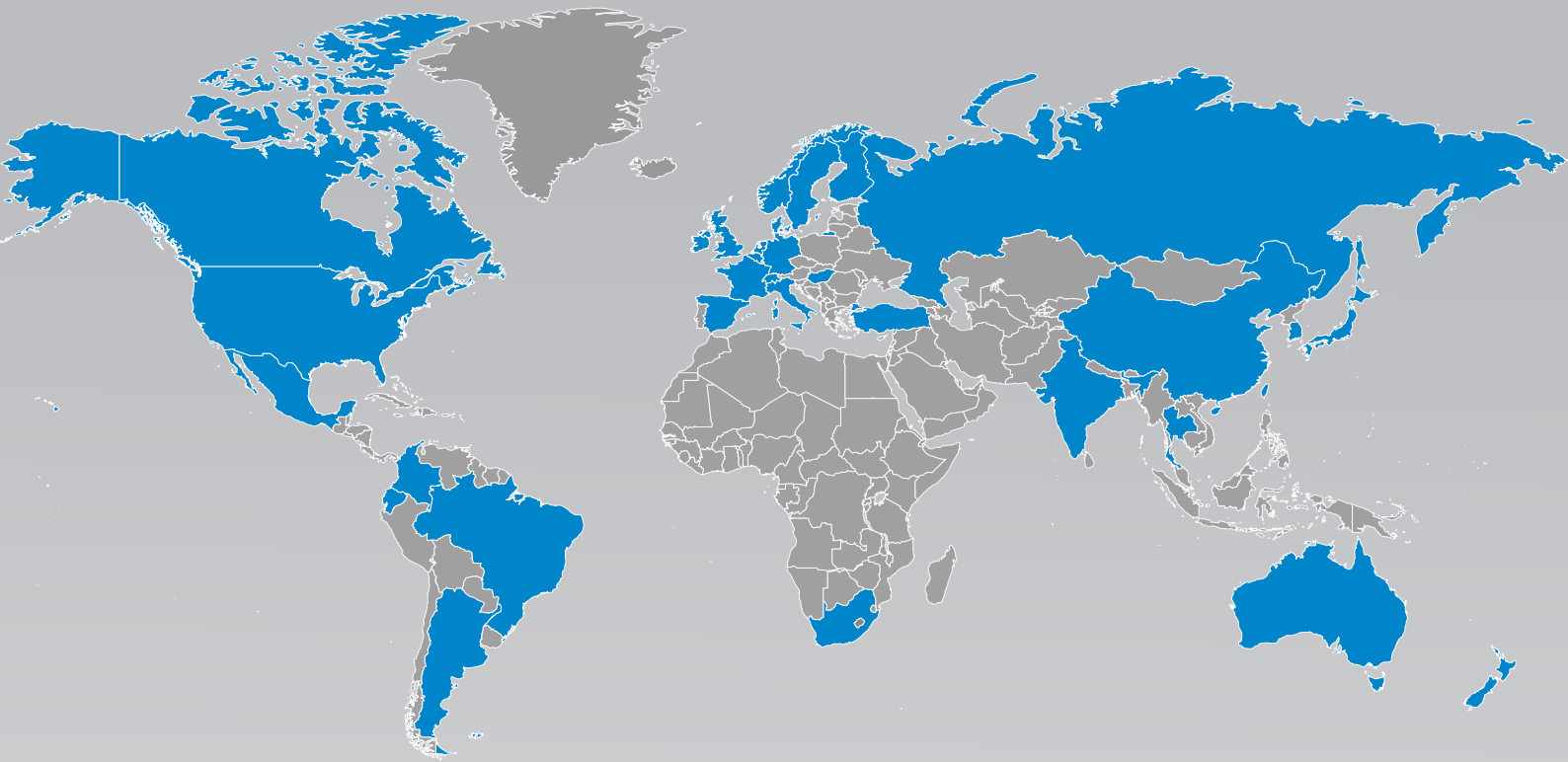


Notes

Notes

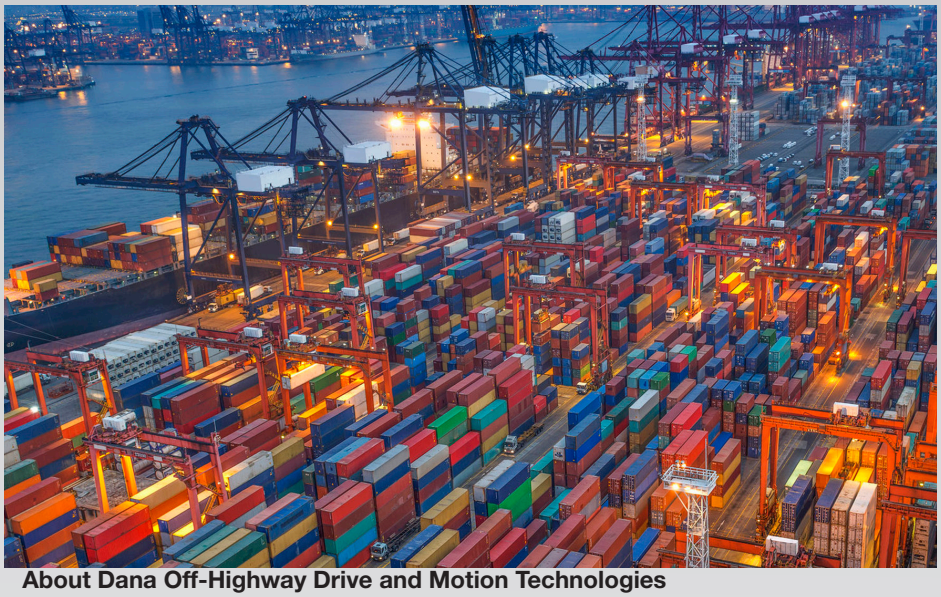


Notes



Technologies Customized to **Every Part of the Globe**

With a presence in 33 countries, Dana Incorporated boasts more than 150 engineering, manufacturing, and distribution facilities. Our worldwide network of local service centers provides assurance that each customer will benefit from the local proximity and responsiveness.



About Dana Incorporated

Dana is an integral partner for virtually every major vehicle and engine manufacturer worldwide. We are a leading supplier of drivetrain, sealing, and thermal technologies to the global automotive, commercial-vehicle, and off-highway markets. Founded in 1904, we employ thousands of people across six continents.

About Dana Off-Highway Drive and Motion Technologies

Dana delivers fully optimized Spicer® drivetrain and Brevini® motion systems to customers in construction, agriculture, material-handling, mining, and industrial markets. We bring our global expertise to the local level with technologies customized to individual requirements through a network of strategically located technology centers, manufacturing locations, and distribution facilities.

Learn more about Dana's drivetrain and motion systems at **dana.com/offhighway**.

Dana-Industrial.com

Application Policy
Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.

DANA

BREVINI® Motion Systems

© 2022 Dana Limited. All rights reserved. DC3A1A1_0000000 - 01/22