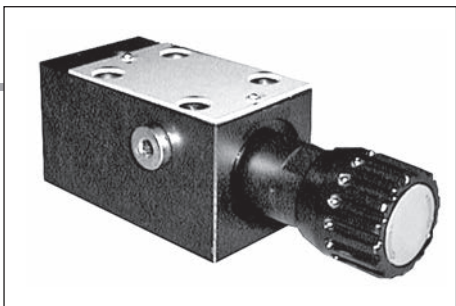


PV*3 / PV*U3 PRESSURE REDUCING AND SEQUENCING VALVES CETOP 3/NG6



PVR3 / PVS3...

These subplate mounting piloted type pressure reducing and sequencing valves ensure a minimum variation in their calibrated pressure value with changing flow rate.

They are normally supplied with internal piloting and internal drainage on B, but they are already provided with a hole on the front cover to allow for external drainage.

They are available with two different types of adjustment and three calibrated ranges that cover pressure 7 ÷ 250 bar, with and without check valve.

The adjustment is carried out by means of a grub screw or a metric plastic knob.

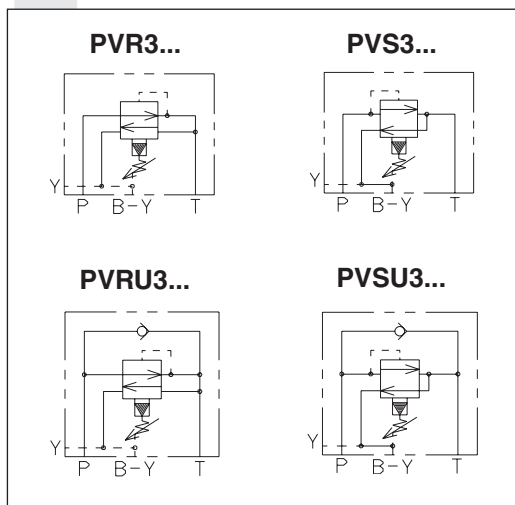
| | |
|----------------|-----------------------|
| Max. pressure | 320 bar |
| Setting ranges | Spring 1 max. 60 bar |
| | Spring 2 max. 120 bar |
| | Spring 3 max. 250 bar |

| | |
|--|---|
| Maximum allowed Δp pressure between the inlet and outlet pressure (PVR only) | 150 bar |
| Max. flow | 40 l/min |
| Draining on port T | 0.5 ÷ 0.7 l/min |
| Hydraulic fluids | Mineral oils DIN 51524 |
| Fluid viscosity | 10 ÷ 500 mm ² /s |
| Fluid temperature | -25°C ÷ 75°C |
| Ambient temperature | -25°C ÷ 60°C |
| Max. contamination lever | class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$ |
| Weight (without check valve) | 1,5 Kg |
| Weight (with check valve) | 2 Kg |

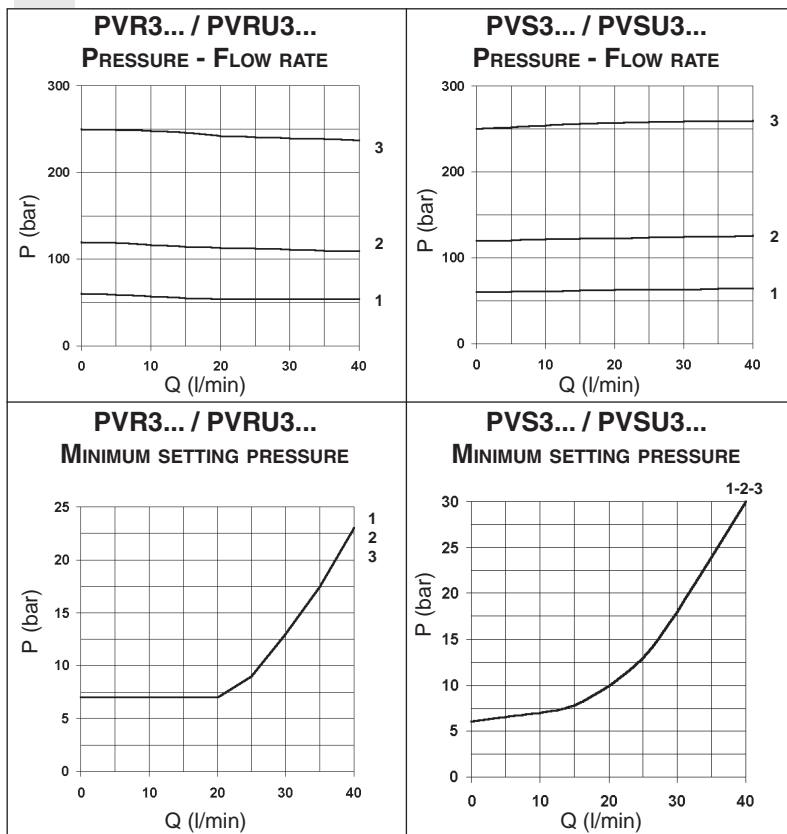
ORDERING CODE

| | |
|------------|---|
| PV* | R = Reducing valve S = Sequencing valve |
| U | Check valve (omit if not required) |
| 3 | CETOP 3/NG6 |
| * | Type of adjustment: M = Plastic knob C = Grub screw |
| * | Setting ranges 1 = max. 60 bar (white spring) 2 = max. 120 bar (yellow spring) 3 = max. 250 bar (green spring) |
| ** | 00 = No variant V1 = Viton |
| 1 | Serial No. |

HYDRAULIC SYMBOLS

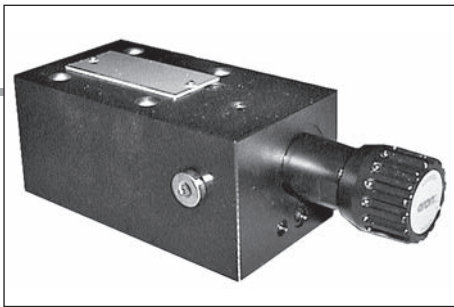


DIAGRAMS



Curves n° 1 - 2 - 3 = setting ranges

The fluid used is a mineral oil with viscosity of 46 mm²/s at 40°C. The tests were carried out at a fluid temperature of 50°C.



PVR5 / PVS5...

PV*3 / PV*U3 PRESSURE REDUCING AND SEQUENCING VALVES CETOP 3/NG6

These subplate mounting piloted type pressure reducing and sequencing valves ensure a minimum variation in their calibrated pressure value with changing flow rate.

They are normally supplied with internal piloting and internal drainage on B, but they are already provided with a hole on the front cover to allow for external drainage.

They are available with two different types of adjustment and three calibrated ranges that cover pressure 7 ÷ 250 bar, with and without check valve.

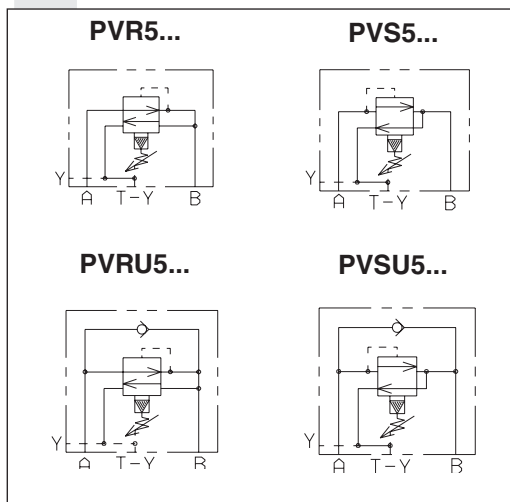
The adjustment is carried out by means of a grub screw or a metric plastic knob.

| | | |
|--|---|--------------|
| Max. pressure | 320 bar | |
| Setting ranges | Spring 1 | max. 60 bar |
| | Spring 2 | max. 120 bar |
| | Spring 3 | max. 250 bar |
| Maximum allowed Δp pressure between the inlet and outlet pressure (PVR only) | 150 bar | |
| Max. flow | 40 l/min | |
| Draining on port T | 0.5 ÷ 0.7 l/min | |
| Hydraulic fluids | Mineral oils DIN 51524 | |
| Fluid viscosity | 10 ÷ 500 mm ² /s | |
| Fluid temperature | -25°C ÷ 75°C | |
| Ambient temperature | -25°C ÷ 60°C | |
| Max. contamination lever | class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$ | |
| Weight (without check valve) | 1,5 Kg | |
| Weight (with check valve) | 2 Kg | |

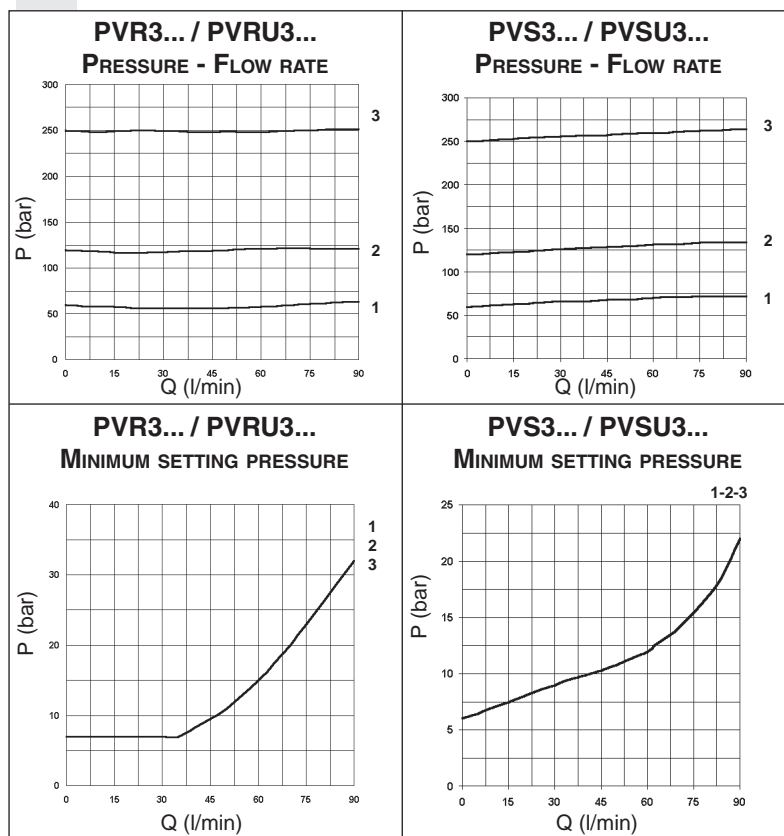
ORDERING CODE

| | |
|------------|--|
| PV* | R = Reducing valve S = Sequencing valve |
| U | Check valve (omit if not required) |
| 3 | CETOP 3/NG6 |
| * | Type of adjustment: M = Plastic knob C = Grub screw |
| * | Setting ranges 1 = max. 60 bar (white spring) 2 = max. 120 bar (yellow spring) 3 = max. 250 bar (green spring) |
| ** | 00 = No variant V1 = Viton |
| 1 | Serial No. |

HYDRAULIC SYMBOLS



DIAGRAMS

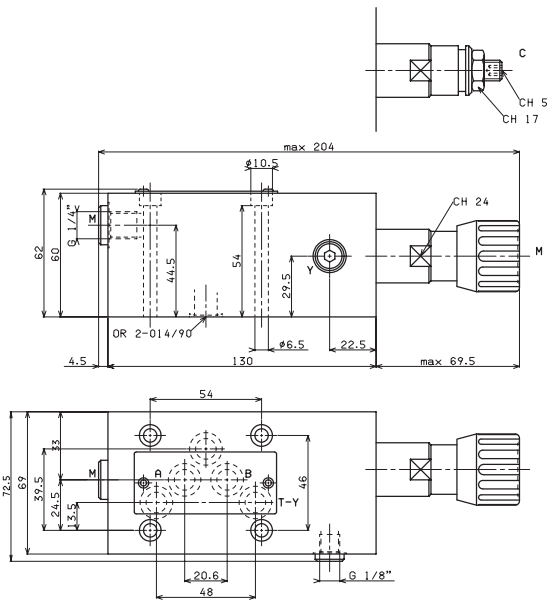


Curves n° 1 - 2 - 3 = setting ranges

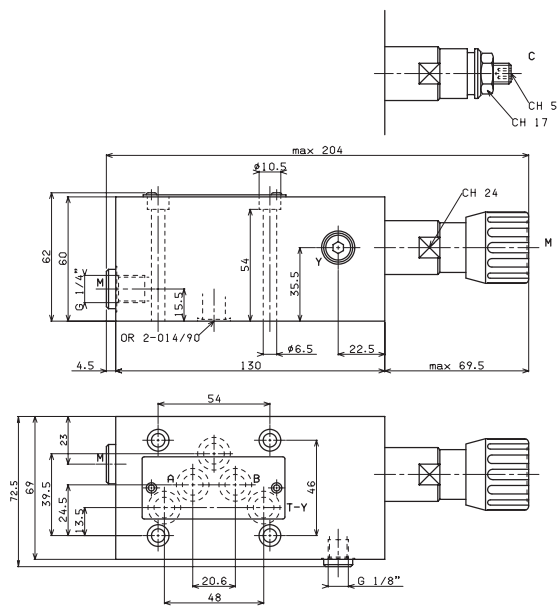
The fluid used is a mineral oil with viscosity of 46 mm²/s at 40°C. The tests were carried out at a fluid temperature of 50°C.

OVERALL DIMENSIONS

REDUCING VALVE
PVR3... CETOP 3/NG6



SEQUENCING VALVE
PVS3... CETOP 3/NG6

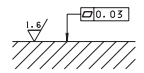


Type of adjustment

- M Plastic knob
- C Grub screw

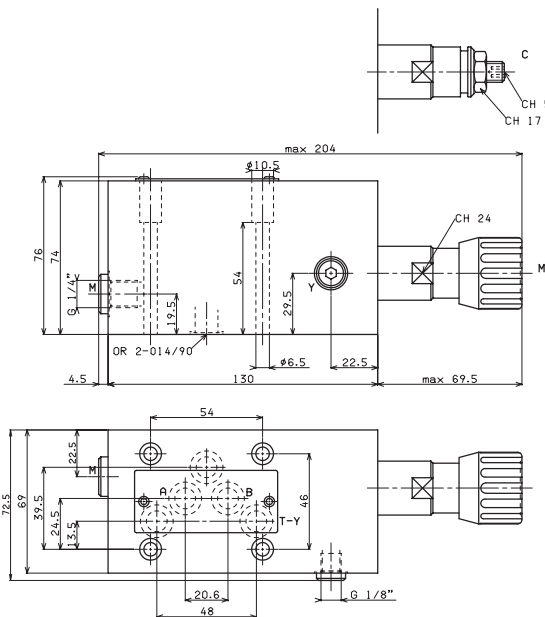
Fixing screws UNI 5931 M5x50
with material specifications min. 8.8
Tightening torque 5 Nm / 0.5 Kgm

Support plane specifications

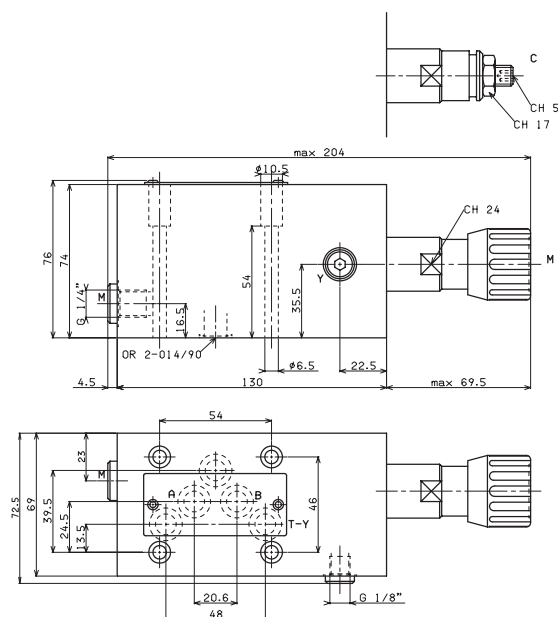


OVERALL DIMENSIONS

REDUCING VALVE WITH CHECK VALVE
PVRU3... CETOP 3/NG6



SEQUENCING VALVE WITH CHECK VALVE
PVSU3... CETOP 3/NG6



Type of adjustment

- M Plastic knob
- C Grub screw

Fixing screws UNI 5931 M5x50
with material specifications min. 8.8
Tightening torque 5 Nm / 0.5 Kgm

Support plane specifications

