

QC33... 3 WAY COMPENSATED FLOW RATE REGULATORS



QC33...	
OVERALL DIMENSIONS	CAP. III • 4
AM3ABU...	CAP. III • 4

This regulator type can be used whenever it is necessary to obtain a constant fluid flow irrespective of the pressure variations present upstream or downstream. It is fitted with a third T line for discharging any excessive flow rate.

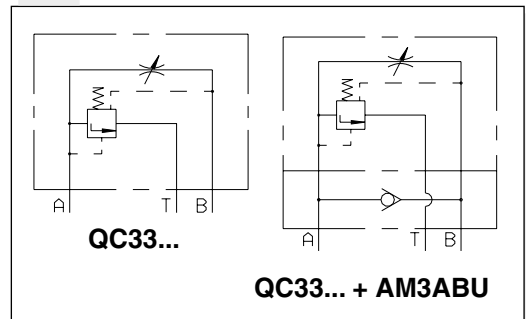
When the reverse flow check valve is needed, the check valve holder type "AM3ABU3..." can be fitted underneath the valve. (The check valve holder must be ordered separately see next page).

Max. operating pressure	320 bar
Opening pressure (with bypass)	1 bar
Min. regulated flow rate (Q1 version)	0.03 ÷ 0.05 l/min
Nominal regulated flow rate	1 ÷ 22 l/min
Difference in pressure (Δp) for vers. Q1	3 bar
Difference in pressure (Δp) Q2-Q3-Q4-Q5-Q6	8 bar
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 level(*)	class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$
Dependency on temperature (Q1 vers.)	5%
Dependency on temperature (Q2 vers.)	3%
Dependency on temperature (Q3-Q4-Q5)	2%
Weight	1,5 Kg
(*) Max contamination level must be respect to obtain the right function of the valve	

ORDERING CODE

QC	Compensated flow rate regulator
3	CETOP 3/NG6
3	3 way
**	Flow rate ranges Q1 = 1 l/min Q2 = 3 l/min Q3 = 9 l/min Q4 = 17 l/min Q5 = 24 l/min
K	Version with lock (omit if not required)
*	1 = 1 turn version 4 = 4 turns version
**	00 = No variant V1 = Viton
3	Serial No.

HYDRAULIC SYMBOLS



DIAGRAMS

