



QC.3.3...

OVERALL DIMENSIONS	CH.III PAGE 4
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QC.3.3... 3 WAY COMPENSATED FLOW RATE REGULATORS

aron
S.p.A.

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 "AM.3.ABU.3..." can be fitted underneath the valve. (The check valve holder must be ordered separately see page III•4)

Max. operating pressure	320 bar
Opening pressure (with by-pass)	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

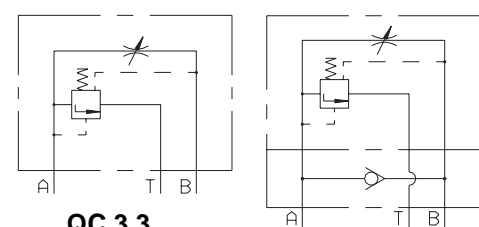
K Version with lock (omit if not required)

***** 1 = 1 turn version
4 = 4 turns version

****** **00** = No variant
V1 = Viton

3 Serial No.

HYDRAULIC SYMBOLS

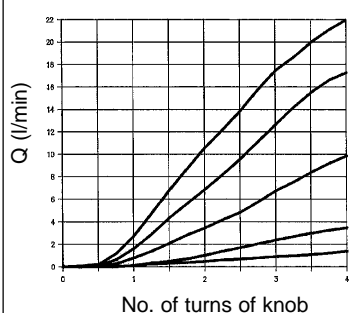


QC.3.3...

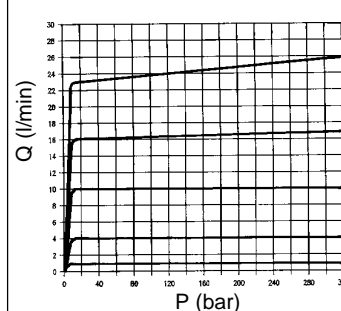
QC.3.3... + AM.3.ABU

DIAGRAMS

REGULATED FLOW RATE



FLOW RATE - PRESSURE DROP



Δp - PUMP FLOW RATE

