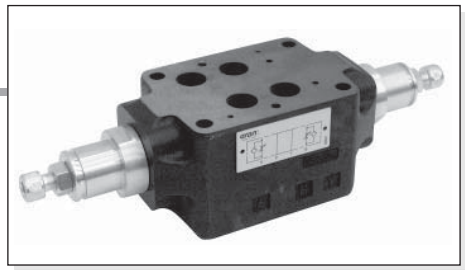
AM.7.QF... MODULAR FLOW REGULATOR CETOP 7



AM.7.QF...

AM.7.QF type one way non-compensated throttle valve are fitted with an O-Ring mounting plate which allows its assembly for either input or output regulation. Adjustment is obtained by means of a grub screw. They are available in the three regulating configurations shown in the hydraulic diagrams.

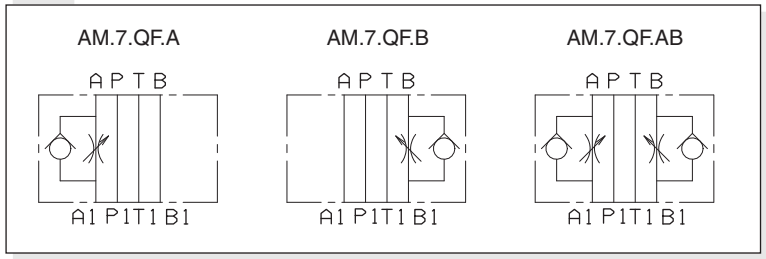
All configurations have a built in check valve that allows reserve free flow.

Max. operating pressure	350 bar
Flow rate regulation	on 10 screw turns
Max. flow	250 l/min
Hydraulic fluids	Mineral oils DIN 51524
Fluid viscosity	10 ÷ 500 mm²/s
Fluid temperature	-20°C ÷ 80°C
Ambient temperature	-20°C ÷ 50°C
Max. contamination level	class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$
Weight AM.7.QF for A or B versions	7,35 Kg
Weight AM.7.QF for AB version	7,7 Kg

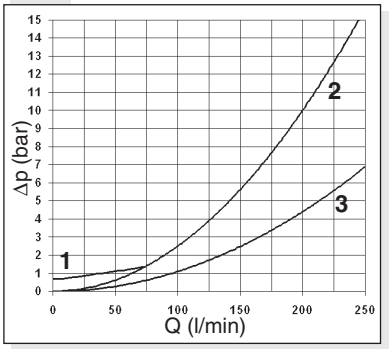
ORDERING CODE

AM	Modular valve
7	CETOP 7/NG16
QF	Non compensated throttle valve
**	Control on lines **A** = meter out control on line **A** **AB** = meter out control on lines **A** and **B** **B** = meter out control on line **B**
*	Type of adjustment **M** = Plastic knob **C** = Grub screw
**	**00** = No variant **V1** = Viton
1	Serial No.

HYDRAULIC SYMBOLS



PRESSURE DROPS Δp-Q

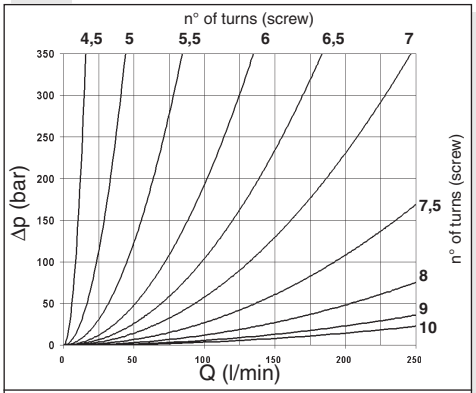


1 = Regulator closed A→A1 / B→B1

2 = Regulator open A→A1 / B→B1

3 = Without regulator A→A1 (AM.7.QF.B)
B→B1 (AM.7.QF.A)

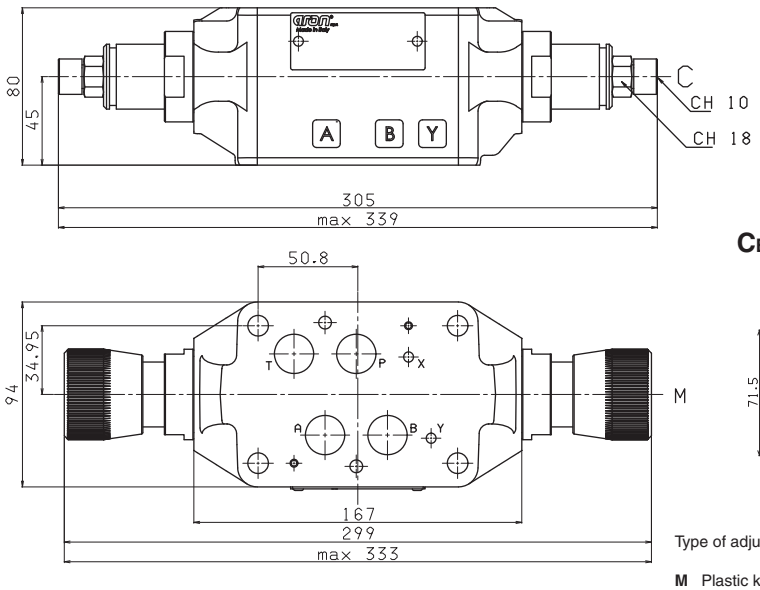
REGULATED FLOW RATE



Regulated flow rate depending on No. of turns: from **4,5** to **10** turns (unscrewing).

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

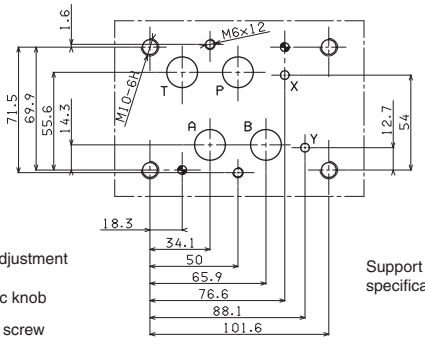
OVERALL DIMENSIONS



• Valve fixing:
n° 4 screws T.C.E.I. M10 - Tightening torque 40 Nm
n° 2 screws T.C.E.I. M6 - Tightening torque 8 Nm
The longer of the screws depends on the type of assembly used. Fixing screws UNI 5931 with material specifications 12.9.

• Seals:
n° 4 pieces OR 2-118/90SH PARKER (type 130)
n° 2 pieces OR 2-013/90SH PARKER (type 2043)

CETOP 7 (4.2-4-07) MOUNTING SURFACE



Type of adjustment

M Plastic knob

C Grub screw

Support plane specifications