AM.5.VS...

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AM.5.VS... MODULAR PRESSURE SEQUENCING VALVES CETOP 5

brevini

The sequence valve are used to assure that a secondary circuit is pressurized when the setting pressure with a changing flow to up 90 l/min (see diagram).

Three spring types allow adjustment within the range 7 ÷ 250 bar.
Manual adjustment is available by a grub screw or plastic knob.

The cartridge used is the "CVS" type.

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Max. operating pressure	350 bar
Setting ranges: spring 1	60 bar
spring 2	120 bar
spring 3	250 bar
Max. flow	90 l/min
Draining on port T	0,5 ÷ 0,7 l/min
Hydraulic fluids	Mineral oils DIN 51524
Fluid viscosity	10 ÷ 500 mm²/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 $ß_{25}{\geq}75$
Weight	3,73 Kg

ORDERING CODE

AM	Modular valve
5	CETOP 5/NG10
VS	Sequencing valve
*	Drain connection **E** = External **I** = Internal (Standard)
*	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 SYMBOL

4
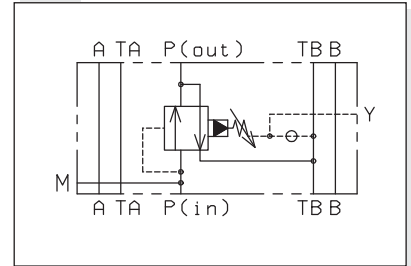
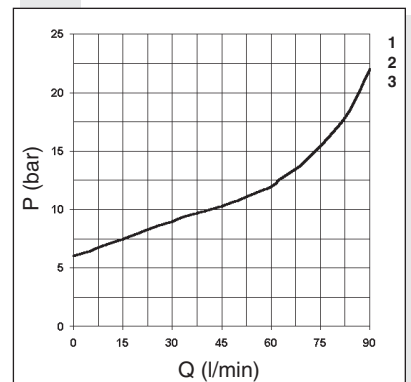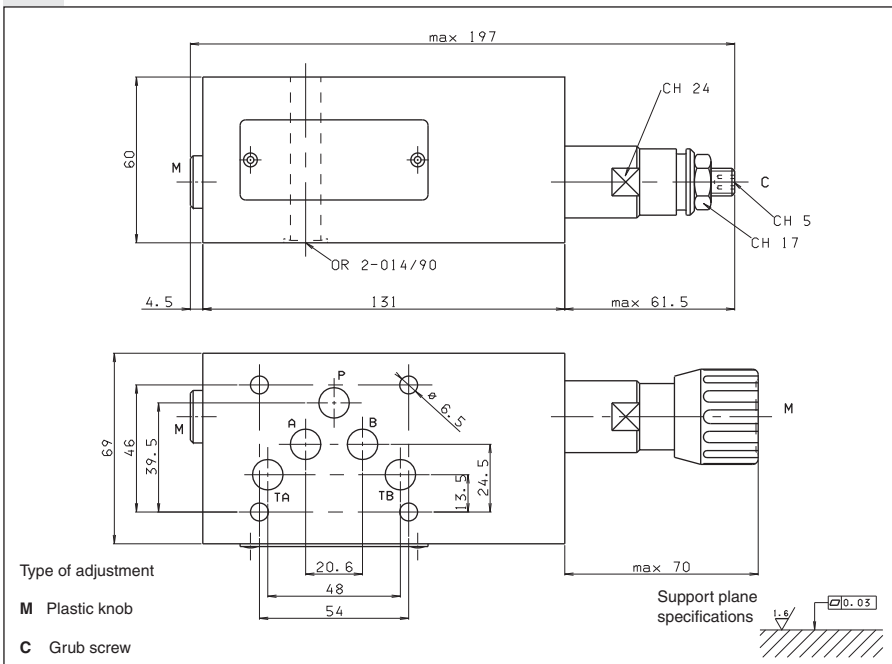## PRESSURE-FLOW RATE
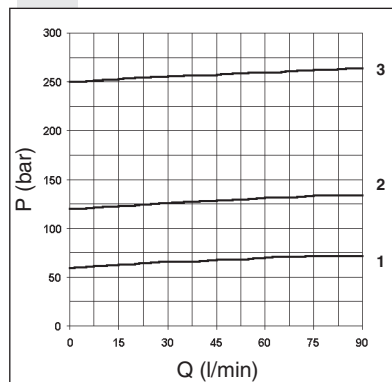
MINIMUM SETTING PRESSURE

Curves n° 1 - 2 - 3 = setting ranges

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.

To change valves AM.5.VS... from internal to external drainage it is necessary:
- **screw out the plug on the Y port**
- **screw out the plug T.C.E.I. M8x1 from the body**
- **screw in a screw S.T.E.I. M6**
- **rescrew the T.C.E.I. M8x1 plug on the body**

NOTE: the external draining can be used as a piloting line (please, contact our Technical Service for other informations)

OVERALL DIMENSIONS

Type of adjustment

M Plastic knob

C Grub screw

Support plane specifications