AM3VM... / AM3VI... MODULAR
MAX PRESSURE VALVES CETOP 3



AM3VM...		
CMP10...	SECT. F	30
SCREWS AND STUDS	SECT. D	21

AM.3.VM type pressure regulating valves are available with a pressure range of 2 ÷ 320 bar.

Adjustment is by means of a grub screw or a plastic knob.

Three basic versions are available:
- AM3VM on single A or B lines, and on A and B lines, with drainage to T;
- AM3VMP on single P line, with drainage to T;
- AM3VI on single A or B lines, and on A and B lines, with crossed drainage on A or B (see hydraulic symbols).

All versions can accept three types of springs with calibrated ranges as shown in the specifications.

The cartridge, which is the same for all versions, is the direct acting type CMP10.

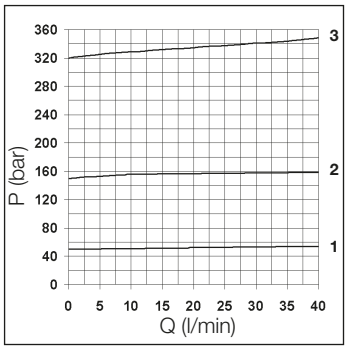
For the minimum permissible setting pressure depending on the spring, see minimum pressure setting curve.

Max. operating pressure		320 bar
Setting ranges:	spring 1	max. 50 bar
	spring 2	max. 150 bar
	spring 3	max. 320 bar
Max. flow		40 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 $\beta_{25} \geq 75$
Weight AM3VMA/B/P...		1,2 Kg
Weight AM3VMAB...		1,3 Kg
Weight AM3VIA/B...		2 Kg
Weight AM3VIAB...		2,2 Kg

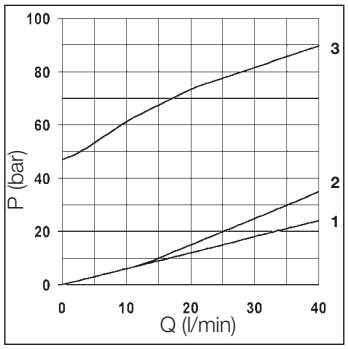
ORDERING CODE

AM	Modular valve
3	CETOP 3/NG6
**	**VM** = Maximum pressure **VI** = Maximum pressure crossline
**	Adjustment on the lines AM3VM Version = **A / B / P / AB** AM3VI Version = **A / B / AB**
*	Type of adjustment **M** = Plastic knob **C** = Grub screw
*	Setting ranges at port A/B/P **1** = max. 50 bar **(white spring)** **2** = max. 150 bar **(yellow spring)** **3** = max. 320 bar **(green spring)**
*	Setting ranges at port B (Omit if the setting is same as that at port A) **1** = max. 50 bar **(white spring)** **2** = max. 150 bar **(yellow spring)** **3** = max. 320 bar **(green spring)**
**	**00** = No variant **V1** = FKM
3	Serial No.

PRESSURE - FLOW RATE

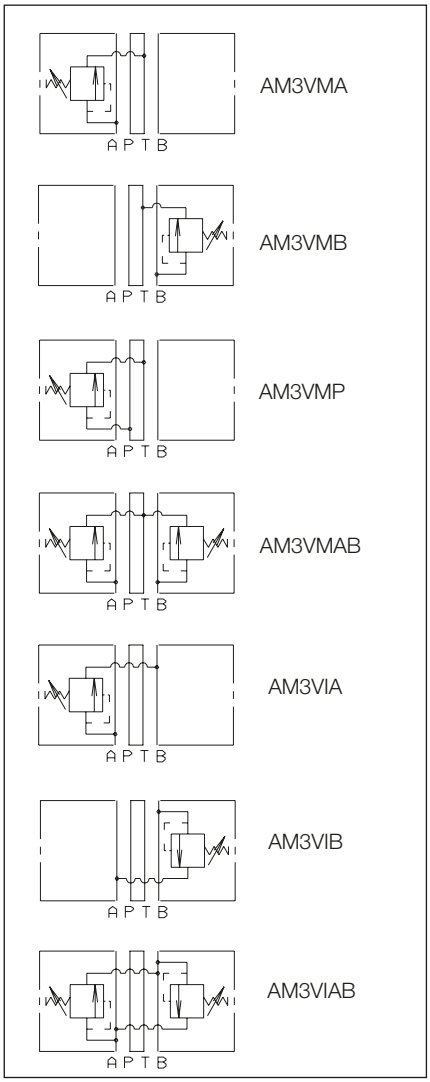


MINIMUM SETTING PRESSURE



Curves n° 1 - 2 - 3 = setting ranges

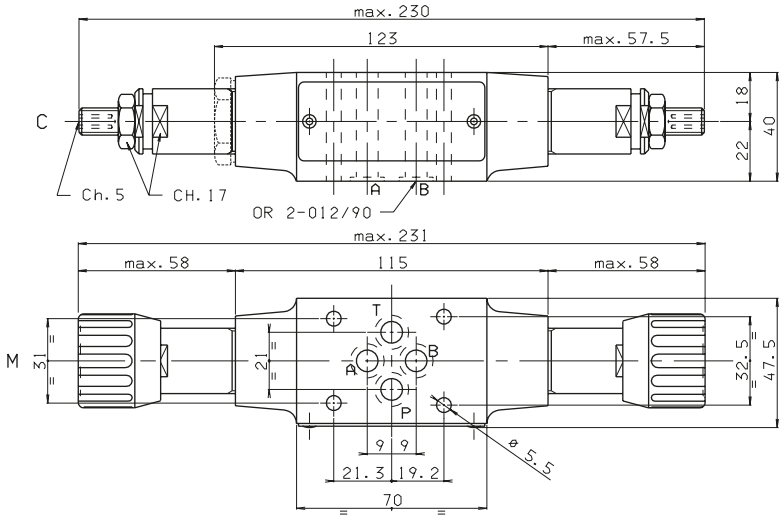
HYDRAULIC SYMBOLS



D

OVERALL DIMENSIONS

AM.3.VM.AB...

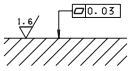


Type of adjustment

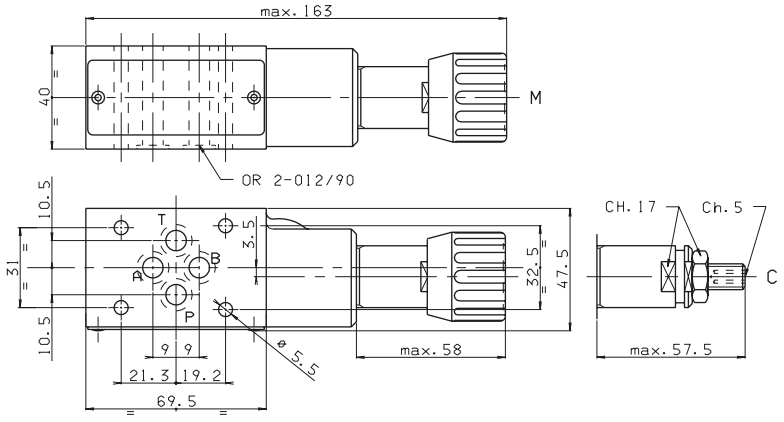
M Plastic knob

C Grub screw

Support plane specifications



AM.3.VM.P...

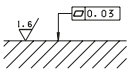


Type of adjustment

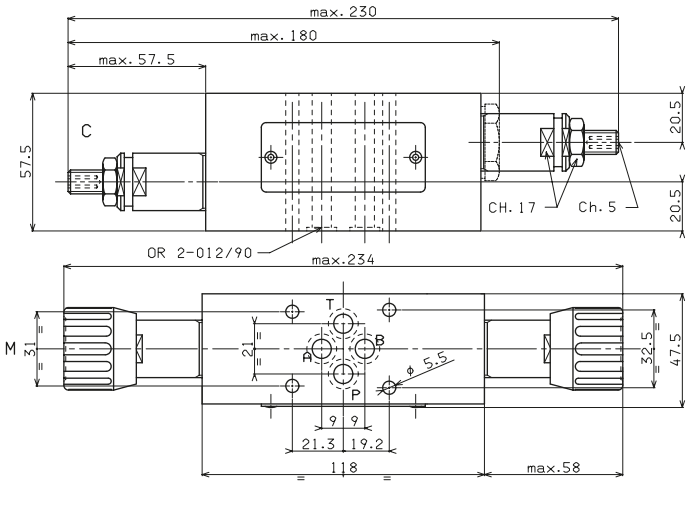
M Plastic knob

C Grub screw

Support plane specifications



AM.3.VI.AB...



Type of adjustment

M Plastic knob

C Grub screw

Support plane specifications

