AM.5.VM... / AM.5.VI... MODULAR MAX. PRESSURE VALVES CETOP 5

AM.5.VM... / AM.5.VI...	
CMP.20...	CH. V PAGE 20
CMP.30...	CH. V PAGE 21
SCREWS AND STUDS	CH. IV PAGE 35

AM.5.VM type pressure regulating valves are available within operating range 7 ÷ 350 bar. Adjustment is by means of a grub screw or a plastic knob. They are three basic versions: **AM.5.VM**, on single A or B lines, and on double A and B lines, with drainage on T; **AM.5.VM.P,** on single P line, with drainage on T; **AM.5.VI,** on single A or B lines, and on double A and B lines, with crossed drainage on either A or B (see hydraulic symbols). Three spring types can be fitted on all versions, with calibrated ranges as shown in the unit specifications.
Piloted operation cartridge type CMP.30 is used on versions AM.5.VM and AM.5.VM.P (see ordering code), while on version AM.5.VI direct acting cartridge type CMP.20 is used instead.

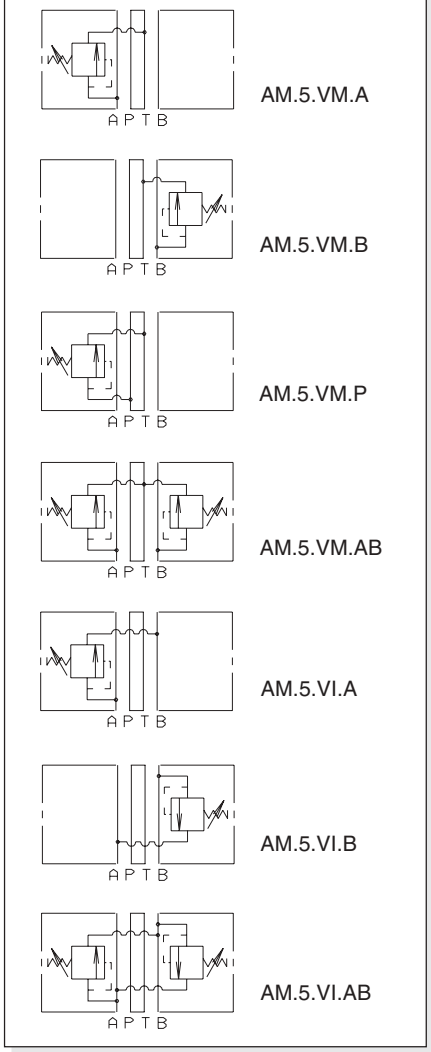
For the minimum permissible setting pressure depending on the spring, see the minimum pressure setting curve.

Max. operating pressure		350 bar
Setting ranges:	spring 1	50 bar
	spring 2	140 bar
	spring 3	350 bar
Max. flow		80 l/min
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 $ß_{25}≥75$
Weight AM.5.VM.A/B/P...		2,5 Kg
Weight AM.5.VM.AB...		2,7 Kg
Weight AM.5.VI.A/B...		5,7 Kg
Weight AM.5.VI.AB...		5,9 Kg

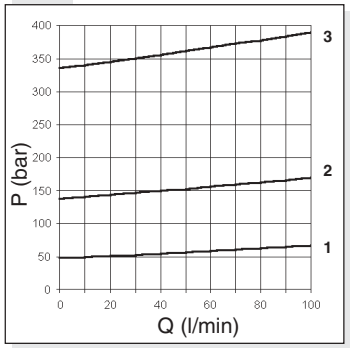
ORDERING CODE

AM	Modular valve
5	CETOP 5/NG10
**	**VM** = Maximum pressure **VI** = Maximum crossline relief
**	Adjustment on the lines AM.5.VM Version = **A / B / P / AB** AM.5.VI Version = **A / B / AB**
*	Type of adjustment **M** = Plastic knob **C** = Grub screw
*	Setting ranges at port A/B/P CMP 30 (AM.5.VM only) / CMP 20 (AM.5.VI only) **1** = max. 50 bar / **1** = max.50 bar **(white spring)** **2** = max. 140 bar / **2** = max. 140 bar **(yellow spring)** **3** = max. 350 bar / **3** = max. 250 bar **(green spring)**
*	Setting ranges at port B Omit if the setting is same as that at port A CMP 30 (AM.5.VM only) / CMP 20 (AM.5.VI only) **1** = max.50 bar / **1** = max.50 bar **(white spring)** **2** = max. 140 bar / **2** = max. 140 bar **(yellow spring)** **3** = max. 350 bar / **3** = max. 250 bar **(green spring)**
**	**00** = No variant **V1** = Viton
3	Serial No.

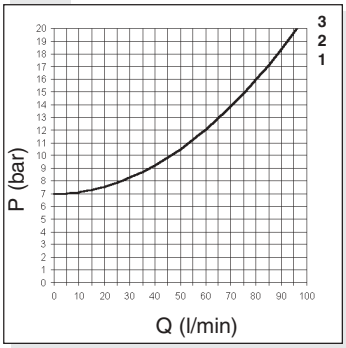
HYDRAULIC SYMBOLS



PRESSURE - FLOW RATE FOR CMP.30

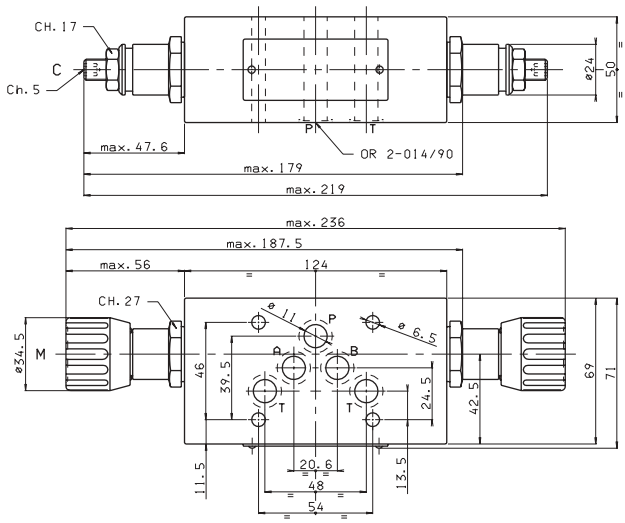


MINIMUM SETTING PRESSURE FOR CMP.30



OVERALL DIMENSIONS

AM.5.VM.AB...

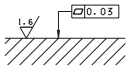


Type of adjustment

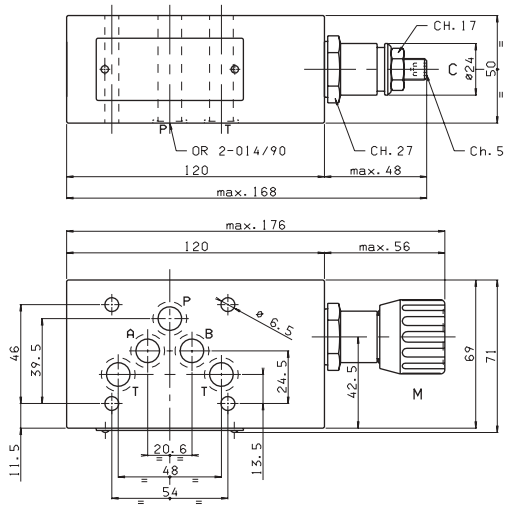
M Plastic knob

C Grub screw

Support plane specifications



AM.5.VM.P...

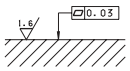


Type of adjustment

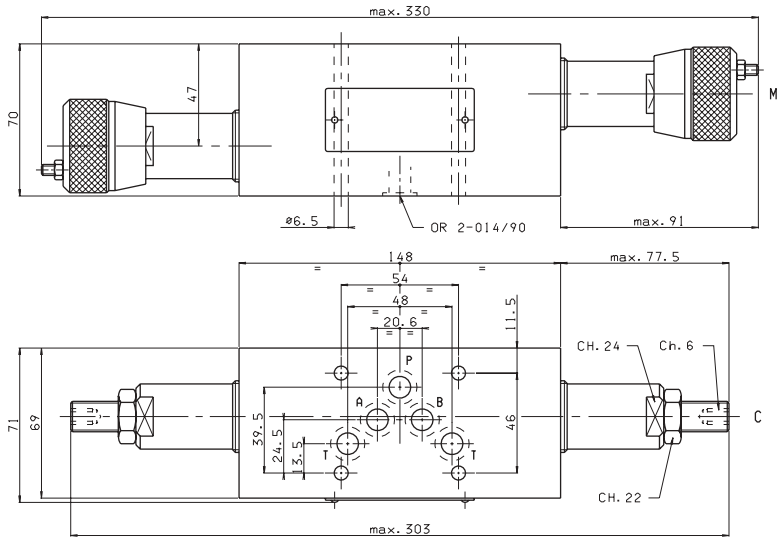
M Plastic knob

C Grub screw

Support plane specifications

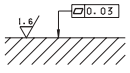


AM.5.VI.AB...



Type of adjustment

M Plastic knob

C Grub screw

Support plane specifications