AM.3.VM... / AM.3.VI... MODULAR MAX. PRESSURE VALVES CETOP 3

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.

** VM = Maximum pressure
VI = Maximum pressure crossline

** Adjustment on the lines
AM.3.VM Version = A / B / P / AB
AM.3.VI 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 = Viton

Serial No.

| ** ** 00 | AM.3.VM.A/B/P... | 1,2 Kg |
| ** 00 V1 | Weight AM.3.VM.A/B/P... | 1,2 Kg |
| ** 00 V1 | Weight AM.3.VM.AB... | 1,3 Kg |
| ** 00 V1 | Weight AM.3.VI.A/B... | 2 Kg |
| ** 00 V1 | Weight AM.3.VI.AB... | 2,2 Kg |

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 β²5 ≥ 75

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Weight AM.3.VM.A/B/P... 1,2 Kg
Weight AM.3.VM.AB... 1,3 Kg
Weight AM.3.VI.A/B... 2 Kg
Weight AM.3.VI.AB... 2,2 Kg

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Serial No.
**OVERALL DIMENSIONS**

**AM.3.VM.AB...**

Type of adjustment
- M Plastic knob
- C Grub screw

**AM.3.VM.P...**

Type of adjustment
- M Plastic knob
- C Grub screw

**AM.3.VI.AB...**

Type of adjustment
- M Plastic knob
- C Grub screw