

Rohrleitungsventile - Druckbegrenzungsventil direktgesteuert -



Bestellnr.	Typ	Bezeichnung	Gehäuse	max. Betriebsdruck bar	max. Durchfluss l/min	Code
230-0040-0315	VMP/B/L 10-12/TB.S	1/2"-Einstellb. 5-40bar-Hutmutter	Alu	210	60	1111031100
230-0040-0320	VMP/B/L 10-12/TB.V	1/2"-Einstellb. 5-40bar-Handrad		210	60	1111031101
230-0040-0325	VMP/B/L 10-12/TV.S	1/2"-Einstellb. 20-80bar-Hutmutter		210	60	1111031102
230-0040-0330	VMP/B/L 10-12/TV.V	1/2"-Einstellb. 20-80bar-Handrad		210	60	1111031103
230-0040-0335	VMP/B/L 10-12/TS.S	1/2"-Einstellb. 50-220bar-Hutmutter		210	60	1111031104
230-0040-0340	VMP/B/L 10-12/TS.V	1/2"-Einstellb. 50-220bar-Handrad		210	60	1111031105
230-0040-0345	VMP/B/L 10-12/TR.S	1/2"-Einstellb. 180-350bar-Hutmutter		210	60	1111031106
230-0040-0350	VMP/B/L 10-12/TR.V	1/2"-Einstellb. 180-350bar-Handrad		210	60	1111031107
230-0040-0355	VMP/B/L 10-34/TB.S	3/4"-Einstellb. 5-40bar-Hutmutter		210	60	1111031150
230-0040-0360	VMP/B/L 10-34/TB.V	3/4"-Einstellb. 5-40bar-Handrad		210	60	1111031151
230-0040-0365	VMP/B/L 10-34/TV.S	3/4"-Einstellb. 20-80bar-Hutmutter		210	60	1111031152
230-0040-0370	VMP/B/L 10-34/TV.V	3/4"-Einstellb. 20-80bar-Handrad		210	60	1111031153
230-0040-0375	VMP/B/L 10-34/TS.S	3/4"-Einstellb. 50-220bar-Hutmutter		210	60	1111031154
230-0040-0380	VMP/B/L 10-34/TS.V	3/4"-Einstellb. 50-220bar-Handrad		210	60	1111031155
230-0040-0385	VMP/B/L 10-34/TR.S	3/4"-Einstellb. 180-350bar-Hutmutter		210	60	1111031156
230-0040-0390	VMP/B/L 10-34/TR.V	3/4"-Einstellb. 180-350bar-Handrad		210	60	1111031157
230-0040-0395	VMP/B/L 10-12/TS.S/ac	1/2"-Einstellb. 50-220bar-Hutmutter		Stahl	350	60
230-0040-0400	VMP/B/L 10-12/TR.S/ac	1/2"-Einstellb. 180-350bar-Hutmutter	350		60	1111032101
230-0040-0405	VMP/B/L 10-12/TS.V/ac	1/2"-Einstellb. 50-220bar-Handrad	350		60	1111032102
230-0040-0410	VMP/B/L 10-12/TR.V/ac	1/2"-Einstellb. 180-350bar-Handrad	350		60	1111032105
230-0040-0415	VMP/B/L 10-34/TS.S/ac	3/4"-Einstellb. 50-220bar-Hutmutter	350		60	1111032151
230-0040-0420	VMP/B/L 10-34/TR.S/ac	3/4"-Einstellb. 180-350bar-Hutmutter	350		60	1111032152
230-0040-0425	VMP/B/L 10-34/TV.V/ac	3/4"-Einstellb. 20-80bar-Handrad	350		60	1111032153
230-0040-0430	VMP/B/L 10-34/TV.S/ac	3/4"-Einstellb. 20-80bar-Hutmutter	350		60	1111032154

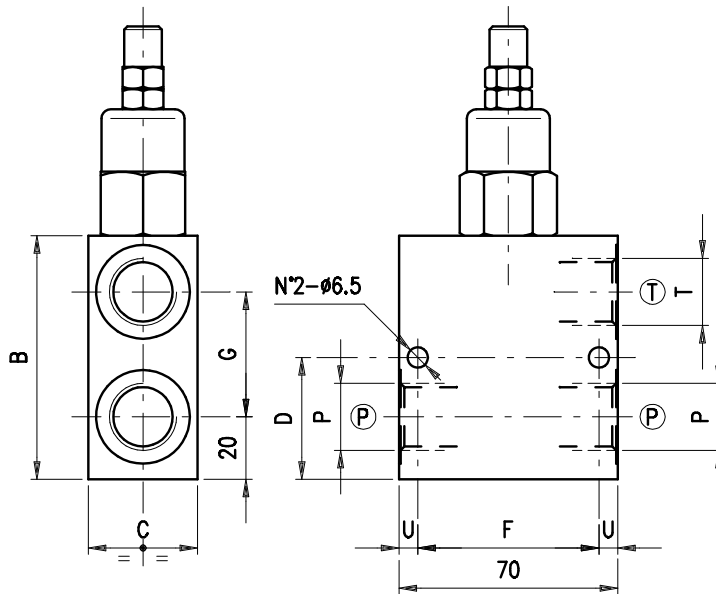
- Druckbegrenzungsventil -

direktgesteuert

230-0040

PRESSURE RELIEF VALVES
VMP /B /L 10 -

• DIMENSIONS (mm)



VMP/B/L 10	B	C	D	F	G	P	T	U	Z
12	78	35	39	58	40	G3/8	G3/8	6	6.5
34	90	40	45	54	50	G1/2	G1/2	8	8.5

• DESCRIPTION

Direct acting, poppet type.

• OPERATION

Allows oil flow from P to T when pressure in P reaches the setting of the spring.

• PERFORMANCE

Maximum flow: 60 l/min.

Maximum Pressure:

- 210 bar (aluminium valve)
- 350 bar (steel valve)

Application range with standard springs:

- 5 + 40 bar (test setting: 30 bar at 5 l/min.)
- 20 + 80 bar (test setting: 60 bar at 5 l/min.)
- 50 + 220 bar (test setting: 160 bar at 5 l/min.)
- 180 + 350 bar (test setting: 280 bar at 5 l/min.)

To perform setting of the valve see the pressure drop/ flow diagram.

Hysteresis: 85% of the setting value for flow capacity 1 l/min.

Oil leaks from P to T: disregarable.

Working temperature:

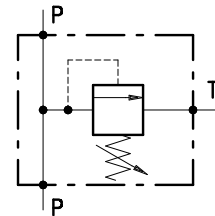
- min. -25°C max. 90°C with standard BUNA N gaskets
- min. -20°C max. 120°C with optional VITON gaskets

• RECOMMENDATIONS

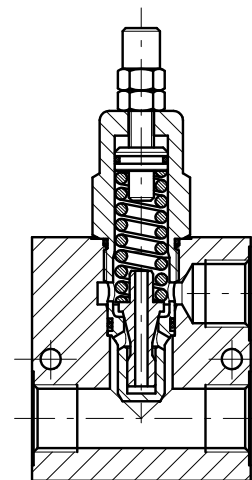
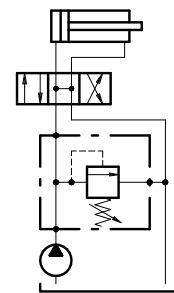
Fluid: best use mineral oil with viscosity ranging between 10 and 200 cSt.

Filter: see page Z.9000.000.

• HYDRAULIC DIAGRAM



• ASSEMBLY DIAGRAM



230-0040

Weight:

- 0.77 kg and 0.87 kg (for aluminium valves model VMP/B/L 10-12 and VMP/B/L 10-34 respectively)
 - 1.07 kg and 1.74 kg (for aluminium valves model VMP/B/L 10-12 and VMP/B/L 10-34 respectively)
- Cartridges:** see page 1.1000.200.

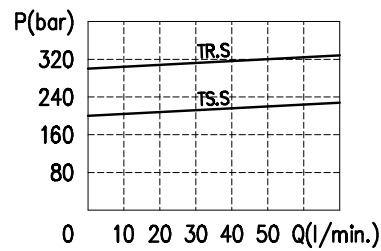
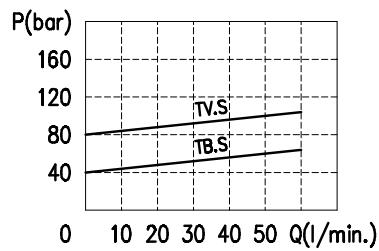
Material: internal components made out of high-grade steel duly treated and fabricated.

For more information please ask our technical office.

Variations and modifications of technical features and dimensions are reserved. **OLEOSTAR S.p.A.** also reserves the right to stop production of each and any model listed in the catalogue with no notice.

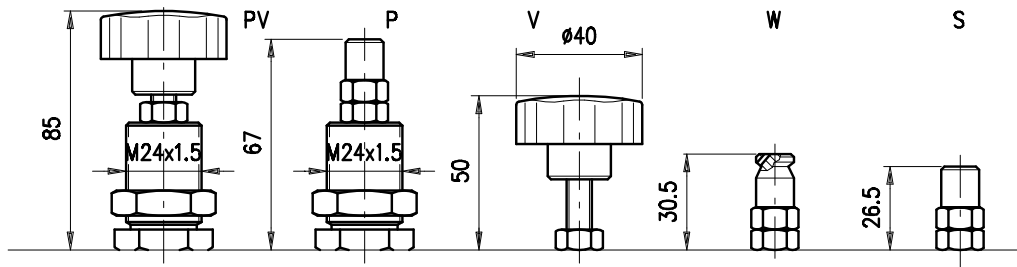
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RATING DIAGRAMS



Oil viscosity 46 cSt

ADJUSTMENTS



CODE NUMBER

VMP / B / L 10 -

