

## Rohrleitungsventile - Druckbegrenzungsventil direktgesteuert -



Bestellnr.	Typ	Bezeichnung	Gehäuse	max. Betriebsdruck bar	max. Durchfluss l/min	Code
230-0030-0190	VMP/B/L 5-38/TB.S	3/8"-Einstellb. 5-40bar-Hutmutter	Alu	210	35	1111021100
230-0030-0195	VMP/B/L 5-38/TB.V	3/8"-Einstellb. 5-40bar-Handrad		210	35	1111021101
230-0030-0200	VMP/B/L 5-38/TV.S	3/8"-Einstellb. 20-80bar-Hutmutter		210	35	1111021102
230-0030-0205	VMP/B/L 5-38/TV.V	3/8"-Einstellb. 20-80bar-Handrad		210	35	1111021103
230-0030-0210	VMP/B/L 5-38/TS.S	3/8"-Einstellb. 50-220bar-Hutmutter		210	35	1111021104
230-0030-0215	VMP/B/L 5-38/TS.V	3/8"-Einstellb. 50-220bar-Handrad		210	35	1111021105
230-0030-0220	VMP/B/L 5-38/TR.S	3/8"-Einstellb. 180-350bar-Hutmutter		210	35	1111021106
230-0030-0225	VMP/B/L 5-38/TR.V	3/8"-Einstellb. 180-350bar-Handrad		350	35	1111021107
230-0030-0230	VMP/B/L 5-12/TV.S	1/2"-Einstellb. 20-80bar-Hutmutter		350	35	1111021152
230-0030-0235	VMP/B/L 5-12/TV.V	1/2"-Einstellb. 20-80bar-Handrad		350	35	1111021153
230-0030-0240	VMP/B/L 5-12/TS.S	1/2"-Einstellb. 50-220bar-Hutmutter		210	35	1111021154
230-0030-0245	VMP/B/L 5-12/TS.V	1/2"-Einstellb. 50-220bar-Handrad		210	35	1111021155
230-0030-0250	VMP/B/L 5-12/TR.S	1/2"-Einstellb. 180-350bar-Hutmutter		210	35	1111021156
230-0030-0255	VMP/B/L 5-12/TR.V	1/2"-Einstellb. 180-350bar-Handrad		210	35	1111021157
230-0030-0260	VMP/B/L 5-38/TS.S/ac	3/8"-Einstellb. 50-220bar-Hutmutter	Stahl	350	35	1111022101
230-0030-0265	VMP/B/L 5-38/TR.V/ac	3/8"-Einstellb. 180-350bar-Handrad		350	35	1111022102
230-0030-0270	VMP/B/L 5-38/TV.V/ac	3/8"-Einstellb. 20-80bar-Handrad		350	35	1111022103
230-0030-0275	VMP/B/L 5-38/TR.S/ac	3/8"-Einstellb. 180-350bar-Hutmutter		350	35	1111022107
230-0030-0280	VMP/B/L 5-38/TB.V/ac	3/8"-Einstellb. 5-40bar-Handrad		350	35	1111022111
230-0030-0285	VMP/B/L 5-38/TV.S/ac	3/8"-Einstellb. 20-80bar-Hutmutter		350	35	1111022114
230-0030-0290	VMP/B/L 5-38/TS.V/ac	3/8"-Einstellb. 50-220bar-Handrad		350	35	1111022115
230-0030-0295	VMP/B/L 5-38/TB.S/ac	3/8"-Einstellb. 5-40bar-Hutmutter		350	35	1111022117
230-0030-0300	VMP/B/L 5-12/TS.S/ac	1/2"-Einstellb. 50-220bar-Hutmutter		350	35	1111022150
230-0030-0305	VMP/B/L 5-12/TR.V/ac	1/2"-Einstellb. 180-350bar-Handrad		350	35	1111022151
230-0030-0310	VMP/B/L 5-12/TB.S/ac	1/2"-Einstellb. 5-40bar-Hutmutter		350	35	1111022153

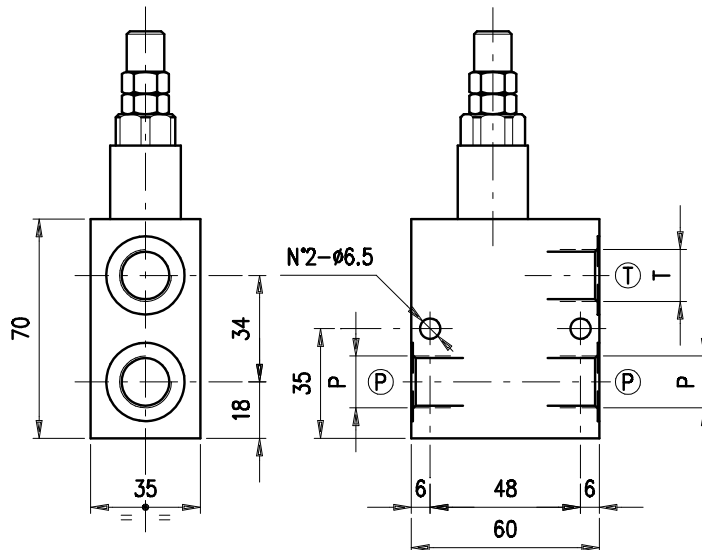
- Druckbegrenzungsventil -

direktgesteuert

230-0030

PRESSURE RELIEF VALVES  
VMP /B /L 5 -

• DIMENSIONS (mm)



VMP/B/L 5	P	T
38	G3/8	G3/8
12	G1/2	G1/2

• 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:** 35 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 BUNAN gaskets

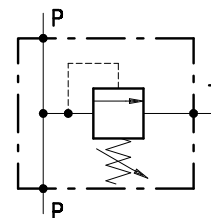
- min. -20°C max. 200°C with optional VITON gaskets

• RECOMMENDATIONS

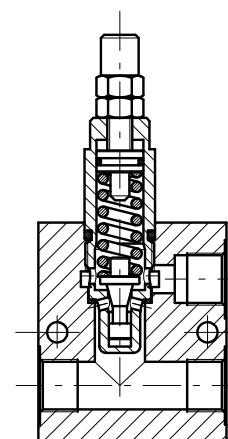
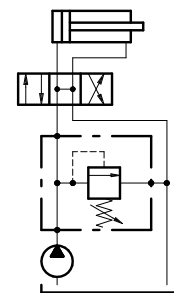
**Fluid:** best use mineral oil with viscosity ranging between 10 and 200 cSt.

**Filter:** see page Z.9000.000.

• HYDRAULIC DIAGRAM



• ASSEMBLY DIAGRAM



**Weight:**

- aluminium valves 0.50 kg
- steel valves 1.07 kg

**Cartridges:** see page 1.1000.100.

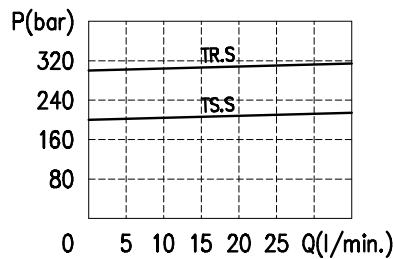
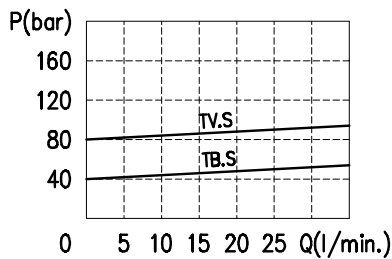
**Material:** internal components made out of high-grade steel duly treated and fabricated.

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.

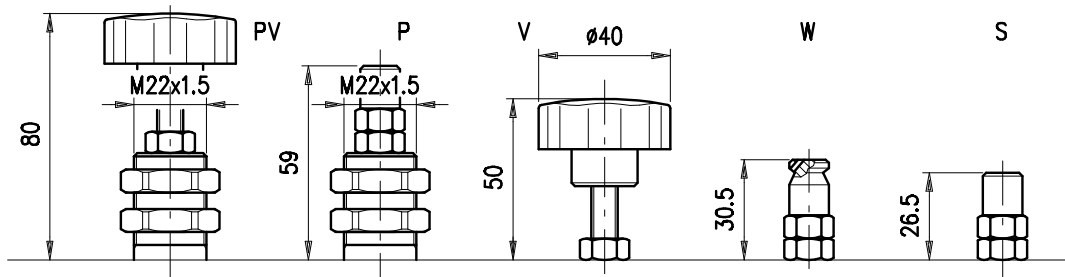
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• RATING DIAGRAMS

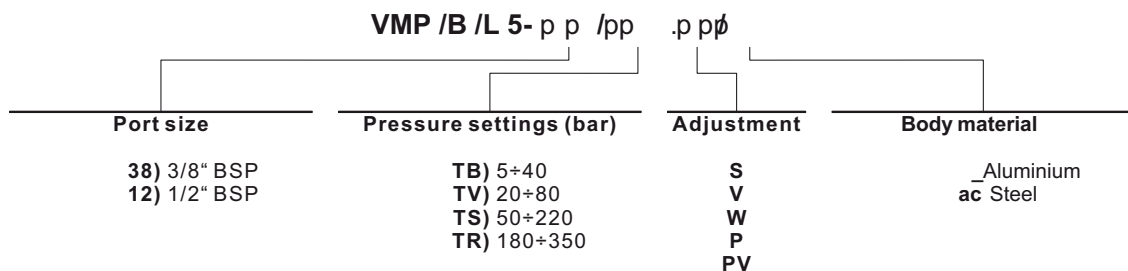


Oil viscosity 46 cSt

• ADJUSTMENTS



• CODE NUMBER



230-0030