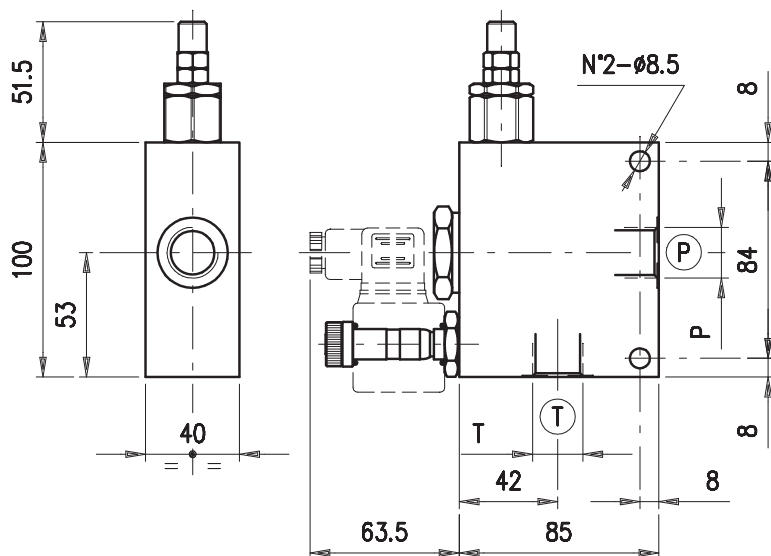


Rohrleitungsventile

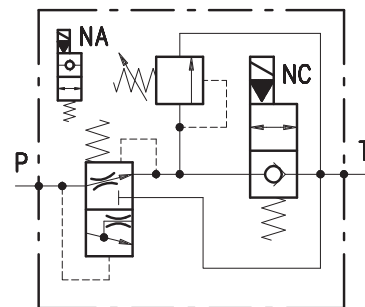
– Druckbegrenzungsventil direktgesteuert
mit elektrischem Entlastungsventil –



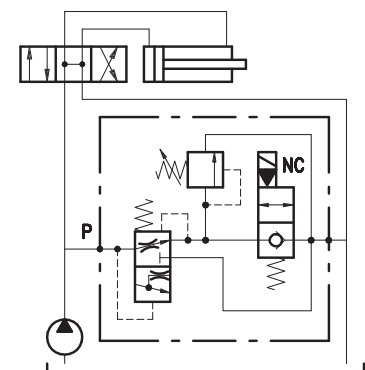
Bestellnr.	Typ	max. Durchfluss <i>l/min</i>	max. Betriebsdruck <i>bar</i>	Gehäuse	Code
230-0090-0580	VMP/VE 12/NA/03.TS.S	90	210	Alu	1116031102
230-0090-0585	VMP/VE 12/NC/03.TS.S	90	210		1116031103
230-0090-0590	VMP/VE 34/NA/03.TS.S	90	210		1116041102
230-0090-0595	VMP/VE 34/NC/03.TS.S	90	210		1116041103



VMP/VE	P	T
12	G 1/2	G 1/2
34	G 3/4	G 3/4



• ASSEMBLY DIAGRAM



• DESCRIPTION

Pressure relief valve pilot operated with electric venting.

• OPERATION

Allows oil flow from P to T when pressure in P reaches the setting of the spring. Pick the solenoid UP (for NC types) or DOWN (for NA types) to allow for free oil flow from P into T.

• PERFORMANCE

Maximum flow: 90 l/min.

Maximum Pressure:

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

Application range with standard springs:

- 5 ÷ 50 bar (test setting: 30 bar at 5 l/min.)
- 50 ÷ 200 bar (test setting: 160 bar at 5 l/min.)
- 150 ÷ 350 bar (test setting: 250 bar at 5 l/min.)

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

Hysteresis: 90% of the valve settings for 1 L. flow capacity per minute.

Solenoids:

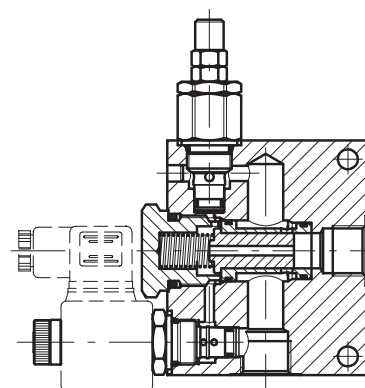
- VMP/VE 12 ÷ 34 BE/... (210 bar) See page Z.2001.100
- VMP/VE 12 ÷ 34 BT/... (350 bar) See page Z.2001.200

Oil leaks from P to T: disregarable.

Working temperature:

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

• CROSS SECTION



RECOMMENDATIONS

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

Filter: see page Z.9000.000.

Weight:

- aluminium valves 1.20 kg
- steel valves 2.50 kg

Cartridge used:

- pressure relief see page D.1000.050
- solenoid (210 bar) see page L.1100.100
- solenoid (350 bar) see page L.1100.250

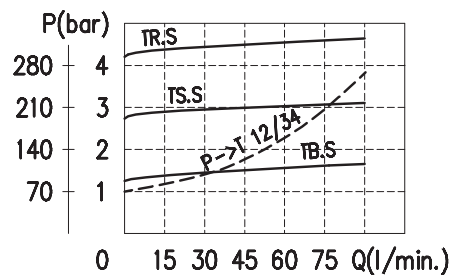
Material: internal components made out of high-grade steel duly treated and fabricated.

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.

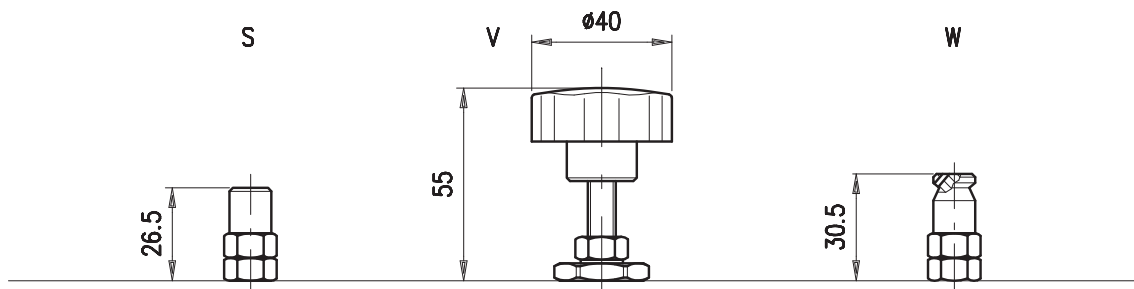
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RATING DIAGRAMS



Oil viscosity 46 cSt

ADJUSTMENTS



CODE NUMBER

VMP /VE □□ / □□ / □□ . □ / □□

Port size	Assembly scheme	Pressure settings (bar)	Adjustment	Body material
12) 1/2" BSP 34) 3/4" BSP	NA) Normally opened NC) Normally closed	TB) 5+50 TS) 50+220 TR) 180+350	S V W	_ Aluminium ac Steel