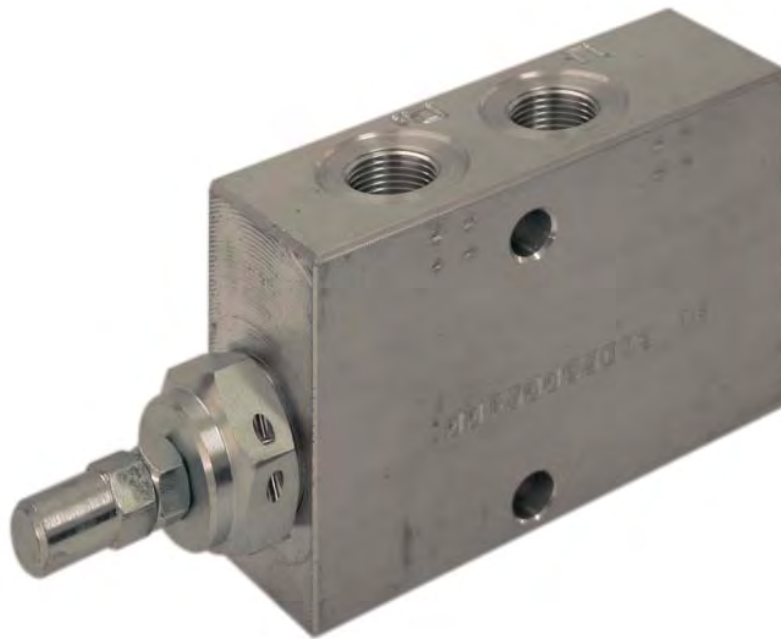


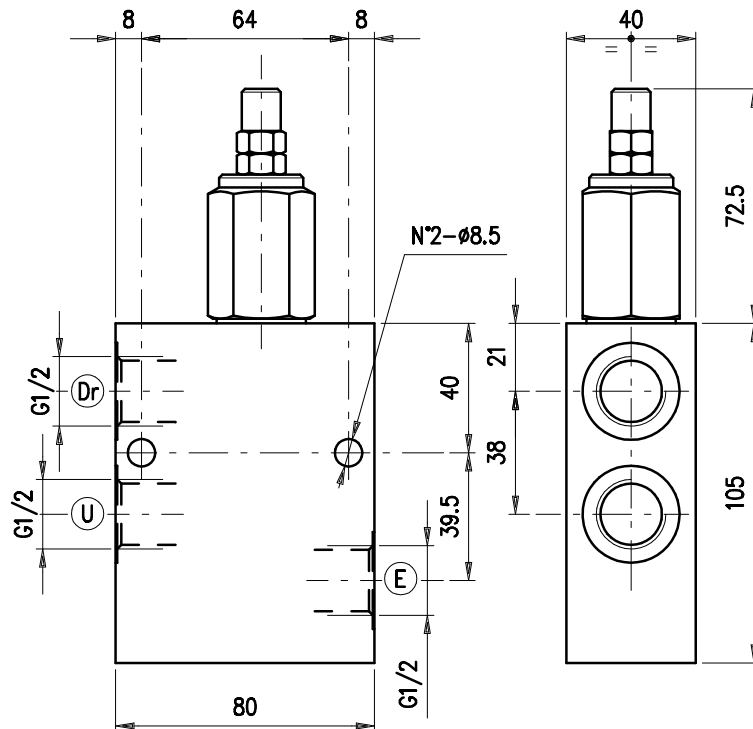
Druckminderventile - G 1/2" -



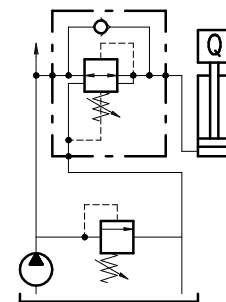
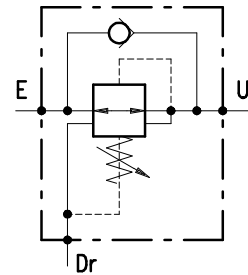
Bestellnr.	Typ	Bezeichnung	Gehäuse	max. Betriebsdruck bar	max. Durchfluss l/min	Code
230-0510-1940	VRPRL 12/TB.S	1/2"-Einstellb. 5-50bar-Hutmutter	Alu	210	50	1230031100
230-0510-1945	VRPRL 12/TB.V	1/2"-Einstellb. 5-50bar-Handrad				1230031101
230-0510-1950	VRPRL 12/TV.S	1/2"-Einstellb. 40-110bar-Hutmutter				1230031102
230-0510-1955	VRPRL 12/TV.V	1/2"-Einstellb. 40-110bar-Handrad				1230031103
230-0510-1960	VRPRL 12/TV.S/ac	1/2"-Einstellb. 40-110bar-Hutmutter	Stahl	350		1230032100
230-0510-1965	VRPRL 12/TS.S/ac	1/2"-Einstellb. 100-200bar-Hutmutter				1230032101
230-0510-1970	VRPRL 12/TV.V/ac	1/2"-Einstellb. 40-110bar-Handrad				1230032102
230-0510-1975	VRPRL 12/TB.V/ac	1/2"-Einstellb. 5-50bar-Handrad				1230032103

PRESSURE REDUCING VALVES
VRPRL 12

• DIMENSIONS (mm)



• HYDRAULIC DIAGRAM



• DESCRIPTION

Direct control pressure adjustment valve with relieving and free return.

• OPERATION

Allows for free oil flow from E into U. When the pressure value set in U is achieved, the valve will shut the pass between E and U in order to maintain constant pressure in U. Should the pressure in U further exceed the setting value, the pass in E will shut and the connection in U will joint to Dr to relieve eventual pressure peaks. Single acting valve, allows for free oil return from U to E.

• PERFORMANCE

Maximum flow: 50 l/min.

Maximum Pressure:

- 210 bar (aluminium valve)

- 350 bar (steel valve)

Application range with standard springs:

- 5 ÷ 50 bar (test setting: 40 bar at 5 l/min.)

- 40 ÷ 110 bar (test setting: 90 bar at 5 l/min.)

- 100 ÷ 200 bar (test setting: 160 bar at 5 l/min.)

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

Oil leak in Dr: 20 cc per minute at 150 bar pressure and oil viscosity 46 cSt

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.

230-0510

Weight: 2.21 kg and 2.54 kg for aluminium and steel valves respectively

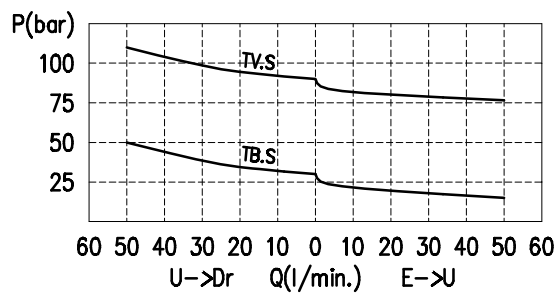
Material: internal components made out of high-grade steel duly treated and fabricated.

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.

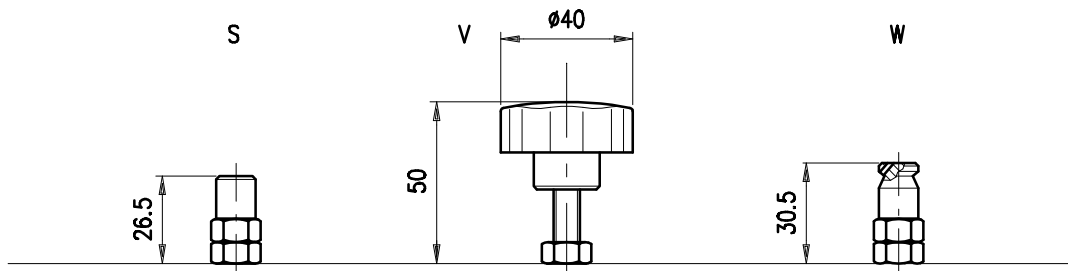
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• RATING DIAGRAMS

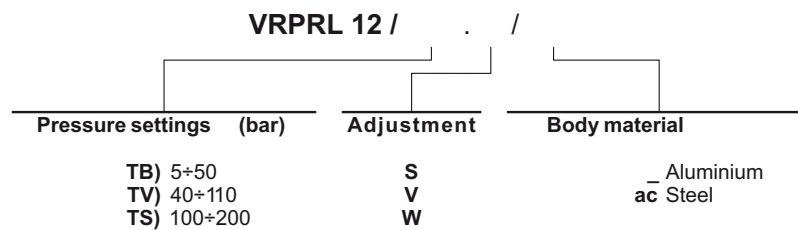


Oil viscosity 46 cSt

• ADJUSTMENTS



• CODE NUMBER



230-0510