

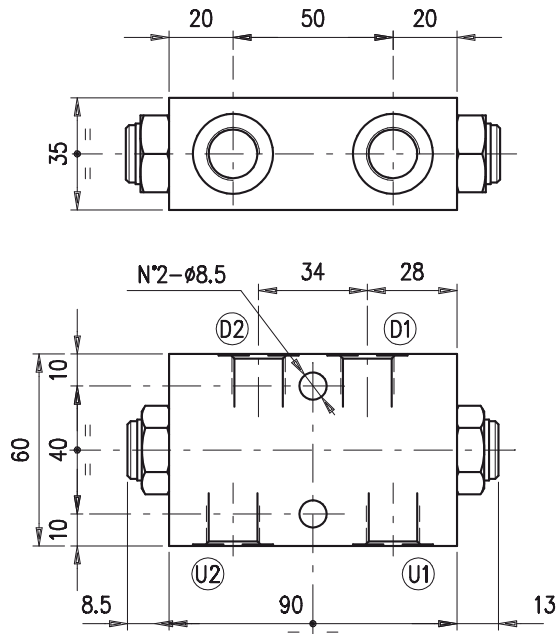
Entsperrbares Rückschlagventil – doppelwirkend G 3/8" –



| Bestellnr. | Typ | Bezeichnung | Gehäuse | max. Betriebsdruck bar | max. Durchfluss l/min | Code |
|---------------|---------------|-------------------------|---------|---------------------------|--------------------------|------------|
| 230-0820-2625 | VBPDL/T 38/p4 | 3/8"-Öffnungsverh.1:4,5 | Alu | 210 | 35 | 1422021100 |

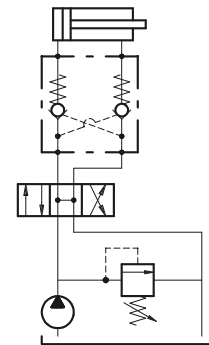
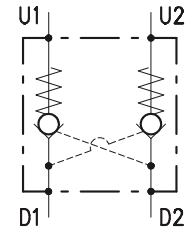
PILOT CHECK AND OVERCENTER VALVES
VBPDL/T 38

• DIMENSIONS (mm)



| VBPDL/T | D1-D2 | U1-U2 |
|---------|-------|-------|
| 38 | G 3/8 | G 3/8 |

• HYDRAULIC DIAGRAM



• DESCRIPTION

Pilot operated check valve, double acting with cross outlets.

• OPERATION

Allows oil flow from D1/ D2 to U1/U2 and stops it in the opposite way (from U1/U2 to D1/D2). Oil can still flow in the opposite direction when pressure in the opposite way to the checked one is strong enough to open the pilot passage. Suitable opening pressure is found by calculation of the pilot ratio. To provide best valve performance make sure that no backpressure arises on the release way, causing the valve to shut again.

• PERFORMANCE

Maximum flow: 25 l/min.

Maximum pressure:

- 210 bar aluminium valve

- 350 bar steel valve

Oil leak from U1/U2 to D1/D2: 0,25 cc/minute (5 drops) at 210 bar.

Pilot ratio:

- 1:4,5 (standard)

- 1:3 (on request)

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.

Weight:

- w. aluminium housing 0.63 kg

230-0820

- w. steel housing 1.41 kg

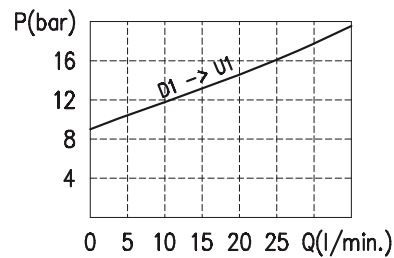
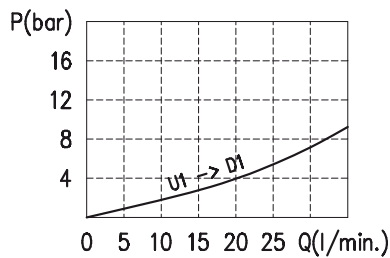
Material: internal components made out of high grade steel duly treated and fabricated.

For more information please ask our technical office .

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• RATING DIAGRAMS



Oil viscosity 46 cSt

• CODE NUMBER

VBPD / T 38 /

