



PRESSURE REDUCING AND SHUT-OFF UNITS



PRESSURE REGULATING VALVE DRV04

DP-D-012-000001 // DRV04-25-2M
DP-D-012-000002 // DRV04-45-2M
DP-D-012-000003 // DRV04-80-2M
DP-D-012-000012 // DRV04-200-2M

APPLICATION

The Pressure regulating valve is suitable for reducing the material pressure to the required working pressure and for leveling out pressure fluctuations in the material supply of greases, oils and pastes. This ensures an absolutely uniform material flow during metering application.

DESCRIPTION

The Pressure regulating valve consists of a basic body and a pressure unit (sealing ball and seat made of hard metal, as well as a high-quality spring assembly). Standard version with inlet and outlet pressure gauge. Optional accessories: Shut-off and vent cock, pressure switch, pressure sensor.

ADVANTAGES

- ▶ Very low wear due to precisely guided hard metal ball and hard metal seat
- ▶ Seal package can be changed quickly and easily without dismantling the unit from the plant
- ▶ Simple pressure adjustment
- ▶ Piston movement optically visible and measurable
- ▶ Flexible mounting options

TECHNICAL DATA

Type	DRV04-25	DRV04-45	DRV04-80	DRV04-200
Weight	approx. 2.0 kg			
Material conditions				
Inlet pressure	max. 250 bar			
Outlet pressure	3–25 bar	6–45 bar	12–80 bar	30–200 bar
Max. ratio between inlet and outlet pressure	5:1			
Connection material input	G 1/4" female thread			
Connection material outlet	G 1/4" female thread			
Permissible medium	NLGI class 0–3 (greases, oils, pastes)			
Environmental conditions				
Temperature	10–50 °C			
Humidity	50– max. 70 %			

▶ ▶ ▶ FP001, FP015, FP045, FP045-T, FP050, FP050-T, FP200, FP200-T, FP200-S