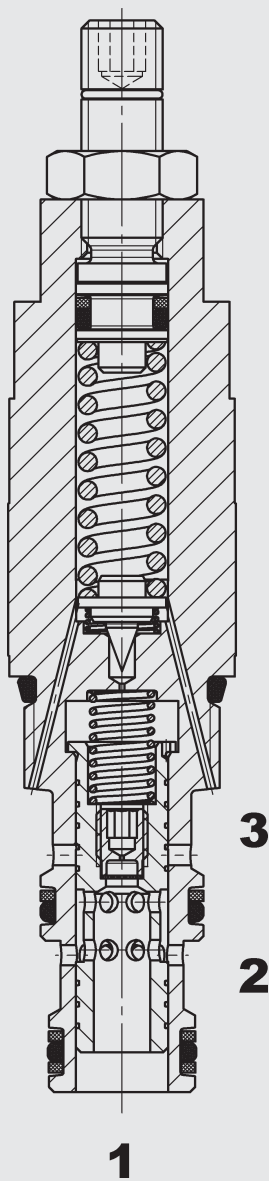


FUNCTION



The DR08P is a pilot-operated pressure reducing valve. If pressure at 1 exceeds the pressure setting the pressure at 2 is metered off to maintain the regulated setting. 3 is vented to tank. Any pressure at port 3 is additive to the spring setting.

Pressure Reducing Valve SAE 8-Cartridge – 350 bar

DR08P-01

Spool Type – Pilot Operated

FEATURES

- All surfaces zinc-plated and corrosion proof
- All valve parts made of high-strength steel with hardened and ground components to ensure minimal wear and to extend service life
- Rigid design using one-piece body minimizes the effect of eccentricity and maximizes reliability
- Excellent stability through flow range
- Low pressure drop by CFD optimized flow-path
- Screen protected measuring orifice enhances safety
- Optional spring ranges up to 345 bar
- Adjustable across entire pressure range
- Quick response
- Compact design

SPECIFICATIONS

Operating pressure:	350 bar
Nominal flow:	60 l/min
Operating pressure ranges:	up to 35 bar up to 60 bar up to 125 bar up to 230 bar up to 345 bar
Internal leakage:	less than 0.5 l/min at 350 bar
Media operating temperature range:	-20 °C to +120 °C
Ambient temperature range:	-20 °C to +80 °C
Fluids:	Mineral-based or synthetics with lubricating properties
Viscosity:	7.4 to 420 cSt
Filtration:	Class 21/19/16 according to ISO 4406 or cleaner
Installation:	No orientation restrictions
Material:	Valve body: carbon steel Spool: carbon steel Seals: NBR (standard) FKM (optional)
Cavity:	FC08-3
Weight:	170 g

