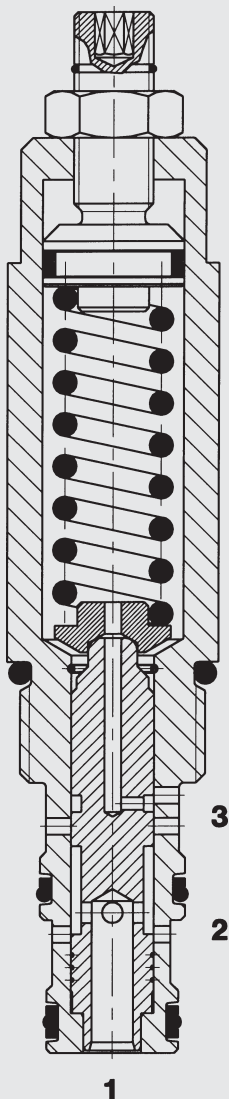


## Pressure Reducing Valve SAE 10-Cartridge - 420 bar

DR10-01

Direct - Acting Spool

### FUNCTION



The DR10 is a direct acting pressure reducing valve with internal spring chamber drain. If pressure at 1 exceeds the pressure setting then 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.

### GENERAL

- All surfaces zinc-plated and corrosion proof
- Stroke arresting device
- Hydrodynamic damping function
- Optional spring ranges to 131 bar
- Hardened spool for longer life
- Quick response
- Compact design

### SPECIFICATIONS

Operating Pressure:	420 bar
Nominal Flow:	60 l/min
Operating Pressure Ranges:	up to 48 bar up to 96 bar up to 131 bar
Media Operating Temp. Range:	-40 °C to +120 °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 Sealings: Buna-N (standard) Viton™ (optional)
Cavity:	FC10-3
Weights:	262 g

