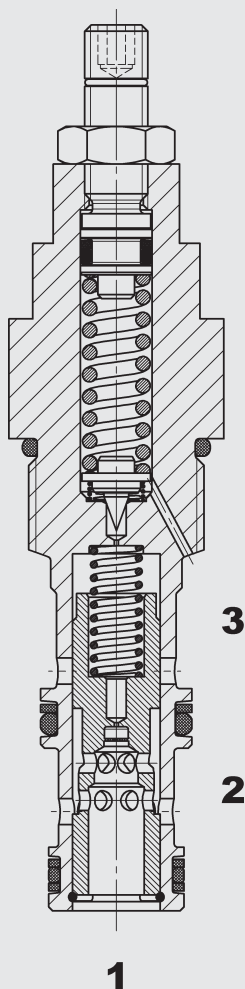


up to 150 l/min  
up to 350 bar

## FUNCTION



The DRM10130P is a spool-type pilot-operated pressure reducing valve with maximum pressure relief. If the pressure at port 1 exceeds the pressure setting then the flow is reduced by shutting the pump port 2 to maintain a constant pressure across port 1. If the pressure across port 1 rises above the set pressure due to external forces, the valve is relieved to tank port 3 (maximum pressure relief). Any pressure at port 3 is additive to the pressure setting.

## FEATURES

- Excellent stability throughout flow range
- 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 extended service life
- Rigid design using one-piece body minimizes the effect of eccentricity and maximizes reliability
- Low pressure drop by CFD optimized flow-path
- Adjustable across entire pressure range
- Screen protected measuring orifice enhances safety
- Optional spring ranges up to 350 bar

## SPECIFICATIONS

Operating pressure:	max. 350 bar
Nominal flow:	max. 150 l/min
Operating pressure ranges:	4 bar to 35 bar 4 bar to 60 bar 4 bar to 125 bar 4 bar to 230 bar 4 bar to 350 bar
Pilot flow rate:	< 500 cm <sup>3</sup> /min at 350 bar
Media operating temp. range:	-20 °C to +120 °C
Ambient temperature range:	-20 °C to +80 °C
Fluids:	Hydraulic oil to DIN 51524 Part 1 and 2
Viscosity:	10 mm <sup>2</sup> /s to 420 mm <sup>2</sup> /s is recommended
Filtration:	Permissible contamination level of the operating fluid to ISO 4406 Class 21/19/16 or cleaner
Installation:	Optional
Materials:	Valve body: high tensile steel Closing elements: hardened and ground steel Seals: NBR (standard) FKM (optional) back-up ring in PTFE
Cavity:	10130
Weight:	205 g

