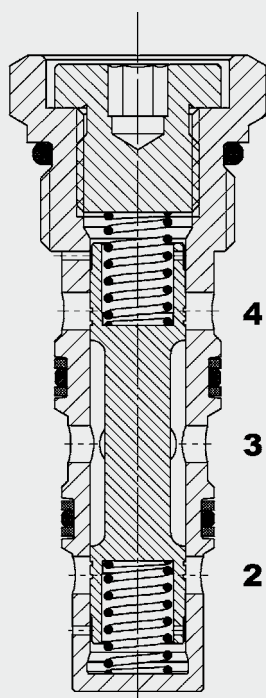


Up to 45 l/min  
Up to 350 bar

## FUNCTION



The WKH10DC is a hydraulically operated 3/3 directional valve in a 4-way cavity. In the spring-centred normal position, all ports are closed.

When there is an increase in pressure at port 2 against the spring force, the valve opens between port 3 and port 4. Oil can flow through the valve in both directions.

Alternatively, when there is an increase in pressure at port 4 against the spring force, the valve opens between port 2 and port 3. Oil can flow through the valve in both directions.

## 3/3 Directional Valve Hydraulically Operated, Direct Acting SAE-10 Cartridge – 250 bar WKH10DC

### FEATURES

- Principal application is as a flushing valve for hydrostatic drives
- Excellent stability throughout the entire flow range
- External surfaces zinc-plated and corrosion-proof
- Hardened and ground internal valve components to ensure minimal wear and extended service life
- Versions available with various switch pressures

### SPECIFICATIONS

Operating pressure:	max. 350 bar
Nominal flow:	max. 45 l/min
Internal leakage:	Max. 400 cm <sup>3</sup> /min at 350 bar and 36 mm <sup>2</sup> /s
Media operating temperature range:	-20 °C to +100 °C
Ambient temperature range:	-20 °C to +100 °C
Operating fluid:	Hydraulic oil to DIN 51524 Part 1 and 2
Viscosity:	min. 10mm <sup>2</sup> /s to max. 420mm <sup>2</sup> /s
Filtration:	Class 21/19/16 according to ISO 4406 or cleaner
MTTF <sub>d</sub> :	150 years (see "Conditions and instructions for valves" in brochure 5.300)
Installation:	No orientation restrictions
Materials:	Valve body: steel Spool: hardened and ground steel Seals: NBR (standard) FKM (optional) Back-up ring: PTFE
Cavity	FC10-4 (port 1 not used)
Weight:	approx. 0.115 kg

