2/2 dir. contr. proportional valve for water and oil hydraulics

DN 25 to DN 100
Operating pressures up to 320 bar

Application
The 2/2 directional control proportional valves are particularly suitable for HFA liquids and clear water up to operating pressures of 320 bar maximum. Via proportional pilot-control valves, the volume flow through the opening cross-section and the pressure difference on the valve are determined.

Technical Data
Type
Fitted seat valve
Pilot-control press.
=system pressure, min. 25 bar
Contr.medium
Own medium
Press. fluid
HFA acc. to CETOP or VDMA standard sheet 24320 with 95% water and 5% Additives, non-lubricated water

Contr. medium return
separate and depressurized into the tank
Max.operating pressure
320 bar
Flow
see Table 1
Fluid temperature
5°C to 45°C

- Pilot-controlled proportional valves
- Pilot-control by means of own medium
- Leakage-free sealing on valve seat
- Force-controlled working piston
- Smooth switching, no shock impacts
- Wear parts are easy to access and fast to replace
- Actuation magnet is protected against dirt and humidity
- The proportional valve can be driven by a position control card BLS1 only

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