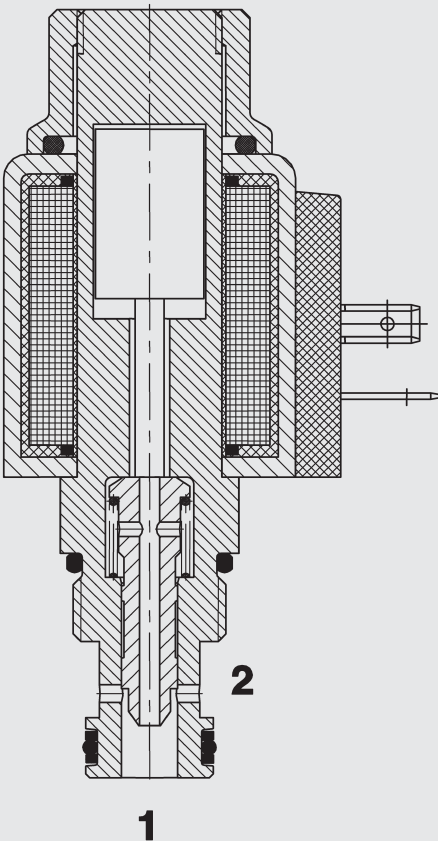


FUNCTION



In the de-energized mode, the valve allows flow in both directions.

When energized, the valve blocks bidirectionally.

2/2-Solenoid Directional Valve SAE 8-Cartridge - 350 bar

WK081 V-01

SPOOL Type - Direct Operated

FEATURES

- Wet armature solenoid
- Wide voltage tolerance
- All surfaces zinc-plated and corrosion-proof
- Waterproof design standard
- Wide variety of coils and connectors available
- One piece body design

SPECIFICATIONS

Operating pressure:	350 bar
Proof pressure:	520 bar
Nominal flow:	25 l/min
Internal leakage:	90 cm ³ /min max at 250 bar and 34 cSt
Media operating temp. range:	-20 °C to +120 °C
Ambient temp. range:	-20 °C to +60 °C
Coil duty rating:	Continuous from 85% to 115% of nominal voltage
Current draw at 20 °C:	1.5 A at 12 V DC 0.8 A at 24 V DC
Minimum pull-in voltage:	85 % of nominal
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
Material:	Valve body: carbon steel Spool: carbon steel Seals: NBR (standard) FKM (optional) Coil: Steel/Polyamide
Cavity:	FC081-2
Weights:	Valve complete: 360 g Coil only: 190 g

