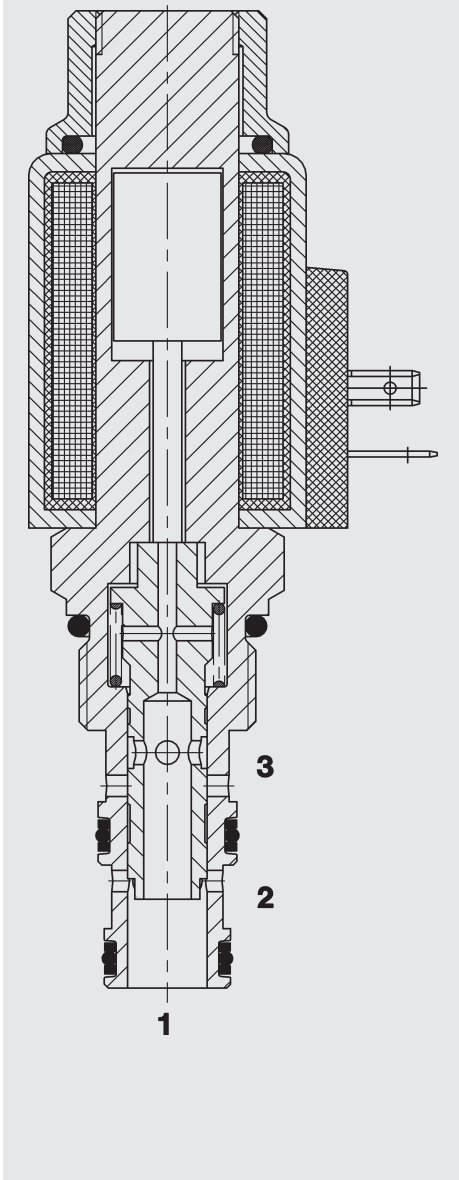


## 3/2-Solenoid Directional Valve SAE 10-Cartridge - 350 bar

WK10L-01  
SPOOL Type - Direct Operated

### FUNCTION



In the de-energized mode, the valve allows flow from 1 to 2 or from 2 to 1, while blocking flow at 3. When energized, the valve allows flow from 3 to 1 or from 1 to 3, while blocking flow at 2.

### FEATURES

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

### SPECIFICATIONS

|                                |   |
|--------------------------------|---|
| Operating Pressure:            | 350 bar   |
| Proof Pressure:                | 520 bar   |
| Nominal Flow:                  | 32 l/min  |
| Internal Leakage:              | 100 cm <sup>3</sup> /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 (68 °F): | 2.22 amps at 12 V DC<br>1.13 amps 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<br>Spool: carbon steel<br>Seals: Nitrile (standard)<br>FKM (optional)<br>Steel/Polyamide |
| Cavity:                        | FC10-3  |
| Weights:                       | Valve complete: 470 g<br>Coil only: 230 g   |

