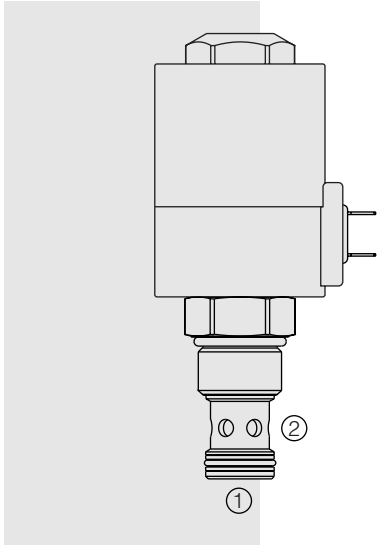


SOLENOID VALVES

SV12-25 Spool, 2-Way, Normally Open



DESCRIPTION

A solenoid-operated, 2-way, normally open, direct-acting spool-type, screw-in hydraulic cartridge valve, designed to function as a bidirectional blocking valve.

OPERATION

When de-energized, the **SV12-25** allows flow in both directions. When energized, the valve's spool shifts to block flow in both directions.

FEATURES

- Continuous-duty rated solenoid.
- Hardened spool and cage for long life.
- Optional coil voltages and terminations.
- All ports may be fully pressurized.
- Heavy-duty water resistant E-Coils rated up to IP69K.

RATINGS

Operating Pressure: 240 bar (3500 psi) max.

Flow: See Performance Chart

Leakage: 410 cc/minute (25 cu. in./minute) at 240 bar (3500 psi)

Temperature: -40 to 120°C with Buna N seals

Coil Duty Rating: See Chart

Response Time: Pull-In: 100 msec; Drop-Out: 100 msec

Initial Coil Current Draw at 20°C: 2.8 amps at 12 VDC

Filtration: See page 9.010.1

Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt (50 to 2000 ssu)

Installation: No restrictions; See page 9.020.1

Cavity: VC12-2; See page 9.112.1

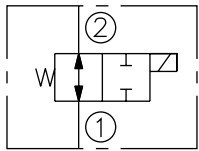
Cavity Tool: CT12-2XX; See page 8.600.1

Seal Kit: SK12-2X-M; See page 8.650.1

E-Coil Nut: Part No. 7085180

SYMBOLS

USAS/ISO:



PERFORMANCE (Cartridge Only)

