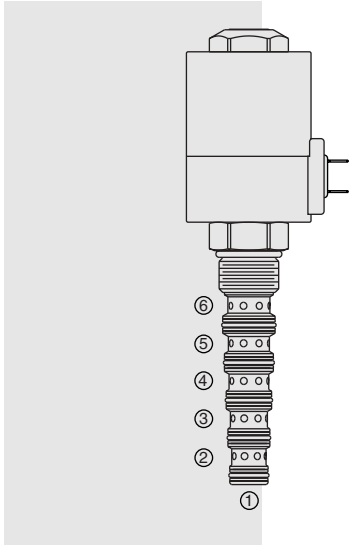


SOLENOID VALVES

SV12-60 Spool, 2-Position, 6-Way



DESCRIPTION

A solenoid-operated, 2-position, 6-way, direct-acting spool-type, screw-in hydraulic cartridge valve. It is intended for use as a selector valve in selector or series/parallel drive circuits.

OPERATION

When de-energized, the **SV12-60** allows bi-directional flow between ⑤ and ⑥, and between ① and ②, while blocking flow at ③ and ④. When energized, the spool shifts to allow bidirectional flow between ④ and ⑤ and between ③ and ②, while blocking flow at ① and ⑥.

FEATURES

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

RATINGS

Operating Pressure: 240 bar (3500 psi) max.

Flow: Up to 45.4 lpm (12 gpm); See Performance Chart

Leakage: 295 cc/minute (18 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: 135 msec; Drop-Out: 30 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 sus)

Installation: No restrictions; See page 9.020.1

Cavity: VC12-6; See page 9.112.1

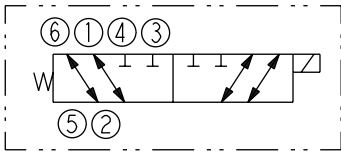
Cavity Tool: CT12-6XX; See page 8.600.1

Seal Kit: SK12-6X-MMMMM; See page 8.650.1

E-Coil Nut: Part No. 7085180

SYMBOLS

USAS/ISO:



PERFORMANCE (Cartridge Only)

