



2.31

35SD10-47B TYPE

Solenoid Directional Valve

Rated pressure (bar / psi)	240 / 3500
Peak flow (L/min / gpm)	22.7 / 6

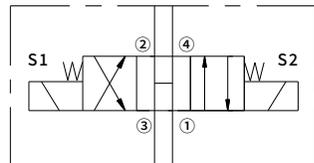
Features

- Continuous-duty rated coil
- Cartridges are voltage interchangeable
- Optional waterproof E-Coils rated up to IP69K
- Efficient wet-armature construction
- Industry common cavity
- Hardened parts for long life

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Symbol

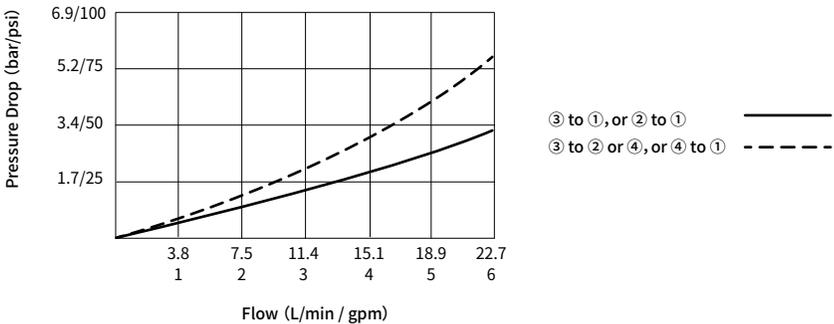


Technical Data

Rated pressure		240 bar (3500 psi)
Peak flow		22.7 L/min (6 gpm)
Internal leakage		≤ 328 mL/min@240 bar
Coil duty rating		Continuous from 85% to 115% of nominal voltage
Initial coil current draw at 20°C	E-Coil	1.7 A at 12VDC; 0.85 A at 24VDC
	D-Coil	1.67 A at 12VDC; 0.83 A at 24VDC
Minimum pull-in voltage		85% of nominal at 240 bar
Cavity		VC10-4 (See technical reference)
Fluid		Mineral-based or synthetics with lubricating properties
Viscosity range		7.4 to 420 mm ² /s
Temperature range		-54 to 107 °C (Polyurethane seals)
		-40 to 100 °C (Buna N seals)
		-26 to 204 °C (Fluorocarbon seals)
Degree of fluid contamination		The minimum pollution level is ISO4406 level 18/16/13, and level 15/13/11 is recommended to prolong the service life

Performance (Cartridge Only)

32cSt/150 sus oil at 40°C



Dimensions

(Dimensions in mm)

