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36SD10-47E TYPE

Solenoid Directional Valve

Rated pressure (bar / psi) 250 / 3625
 Peak flow (L/min / gpm) 30.2 / 8 (See performance chart)

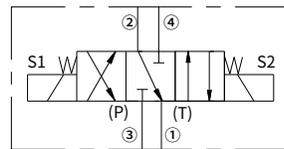
Features

- 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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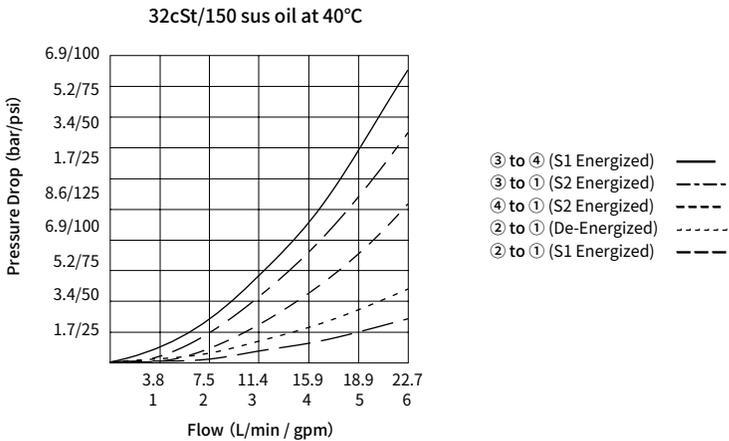
Symbol



Technical Data

Rated pressure	250 bar (3625 psi)	
Peak flow	30.2 L/min (8 gpm) (See performance chart)	
Internal leakage	≤ 328 mL/min@250 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 250 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)



Dimensions

(Dimensions in mm)

