



2.16

35SD08-58C TYPE

Solenoid Directional Valve

Rated pressure (bar / psi)	240 / 3500
Peak flow (L/min / gpm)	13.3 / 3.5 (See performance chart)

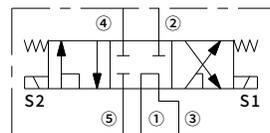
Features

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

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Symbol

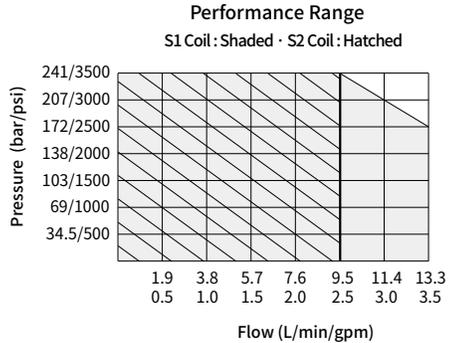
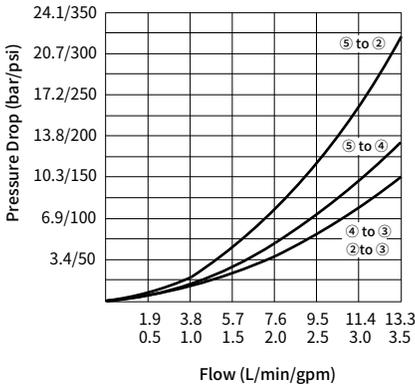


Technical Data

Rated pressure	240 bar (3500 psi)	
Peak flow	13.3 L/min (3.5 gpm) ; See performance chart	
Internal leakage	≤ 197 mL/min@240 bar	
Coil duty rating	Continuous from 85% to 115% of nominal voltage	
Initial coil current draw at 20°C	E-Coil	1.4 A at 12VDC; 0.7 A at 24VDC
	D-Coil	1.2 A at 12VDC; 0.6 A at 24VDC
Minimum pull-in voltage	85% of nominal at 240 bar	
Cavity	VC08-5 (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)

