

CVCheck
Valves**SH**Shuttle
Valves**LM**Load/Motor
Controls**FC**Flow
Controls**PC**Pressure
Controls**LE**Logic
Elements**DC**Directional
Controls**MV**Manual
Valves**SV**Solenoid
Valves**PV**Proportional
Valves**CE**Coils &
Electronics**BC**Bodies &
Cavities**TD**Technical
Data**General Description**

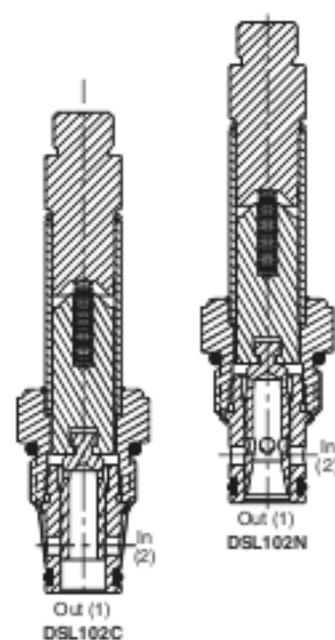
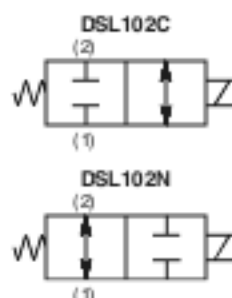
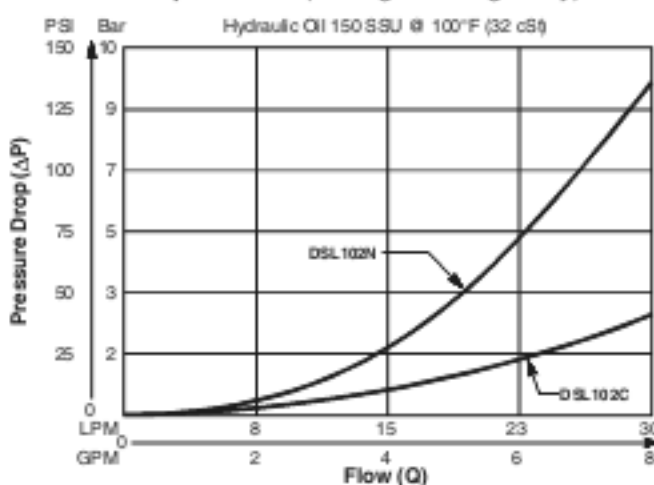
2-Way Spool Valves. For additional information see Technical Tips on pages SV1-SV6.

Features

- High flow capacity with reduced space requirements
- Standard valve bodies and common cavities
- One-piece encapsulated coil with minimal amperage draw
- Manual overrides, seal variations and other options available
- No dynamic seals
- Variety of coil terminations
- Polyurethane "D"-Ring
- All external parts zinc plated

Specifications

Rated Flow	C - 30 LPM (8.0 GPM) N - 21 LPM (5.5 GPM)		
Maximum Inlet Pressure	250 Bar (3600 PSI)		
Leakage at 150 SSU (32 cSt)	120 cc/min. (7.5 in ³ /min.)		
Minimum Operating Voltage	85% of rated voltage at 20°C (72°F).		
Response Time		Energized	De-Energized
	C	30 ms	20 ms
	N	50 ms	25 ms
Cartridge Material	All parts steel. All operating parts hardened steel.		
Operating Temp. Range/Seals	-45°C to +93.3°C ("D"-Ring) (-50°F to +200°F)		
	-31.7°C to +121.1°C (Fluorocarbon) (-25°F to +250°F)		
Fluid Compatibility/Viscosity	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)		
Filtration	ISO Code 16/13, SAE Class 4 or better		
Approx. Weight	.20 kg (.41 lbs.)		
Cavity	C10-2 (See BC Section for more details)		
Form Tool	Rougher	None	
	Finisher	NFT10-2F	

**Performance Curves****Pressure Drop vs. Flow (Through cartridge only)****Shift Limit Characteristics (Min. Operating Voltage)**