

General Description

2-Way Spool Valves. For additional information see Technical Tips on pages SV1-SV5.

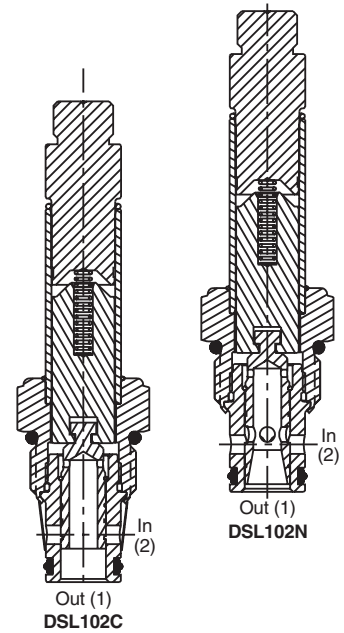
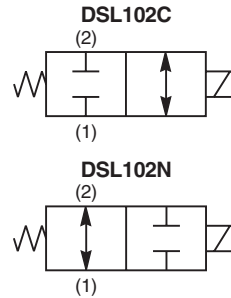


Features

- 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

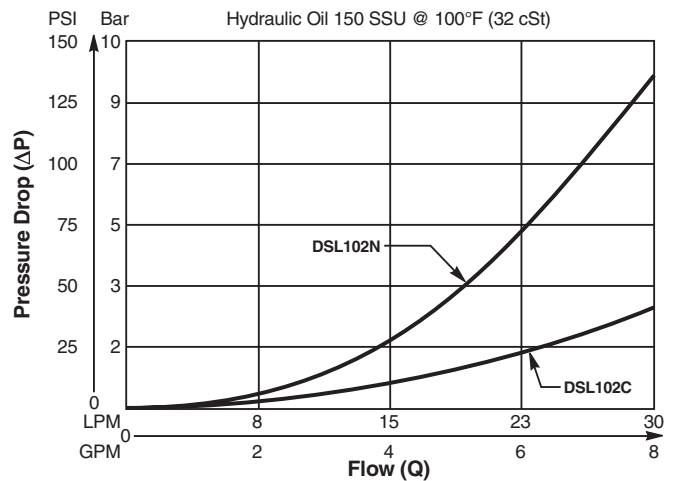
Specifications

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 in³/min.)	
Minimum Operating Voltage	85% of rated voltage at 20°C (72°F).	
Response Time	C N	Energized 30 ms 50 ms De-Energized 20 ms 25 ms
Cartridge Material	All parts steel. All operating parts hardened steel.	
Operating Temp. Range/Seals	-37°C to +93°C ("D"-Ring) (-35°F to +200°F) -34°C to +121°C (Nitrile) (-30°F to +250°F) -26°C to +204°C (Fluorocarbon) (-15°F to +400°F)	
Fluid Compatibility/ Viscosity	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)	
Filtration	ISO 4406 18/16/13, SAE Class 4	
Approx. Weight	.18 kg (.41 lbs.)	
Cavity	C10-2 (See BC Section for more details)	
Form Tool	Rougher Finisher	None NFT10-2F

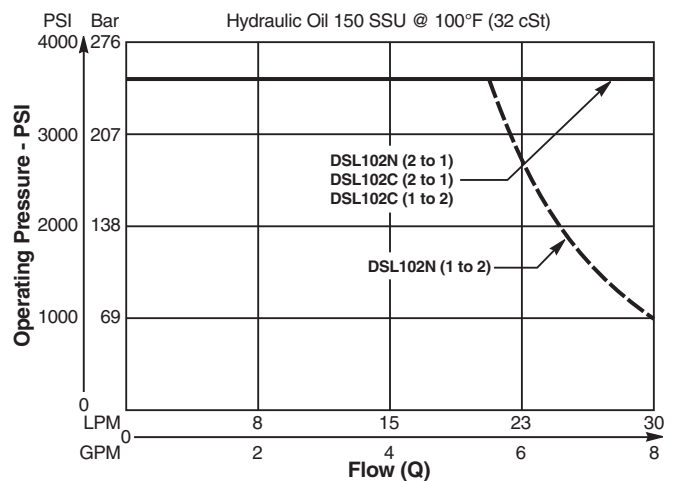


Performance Curves

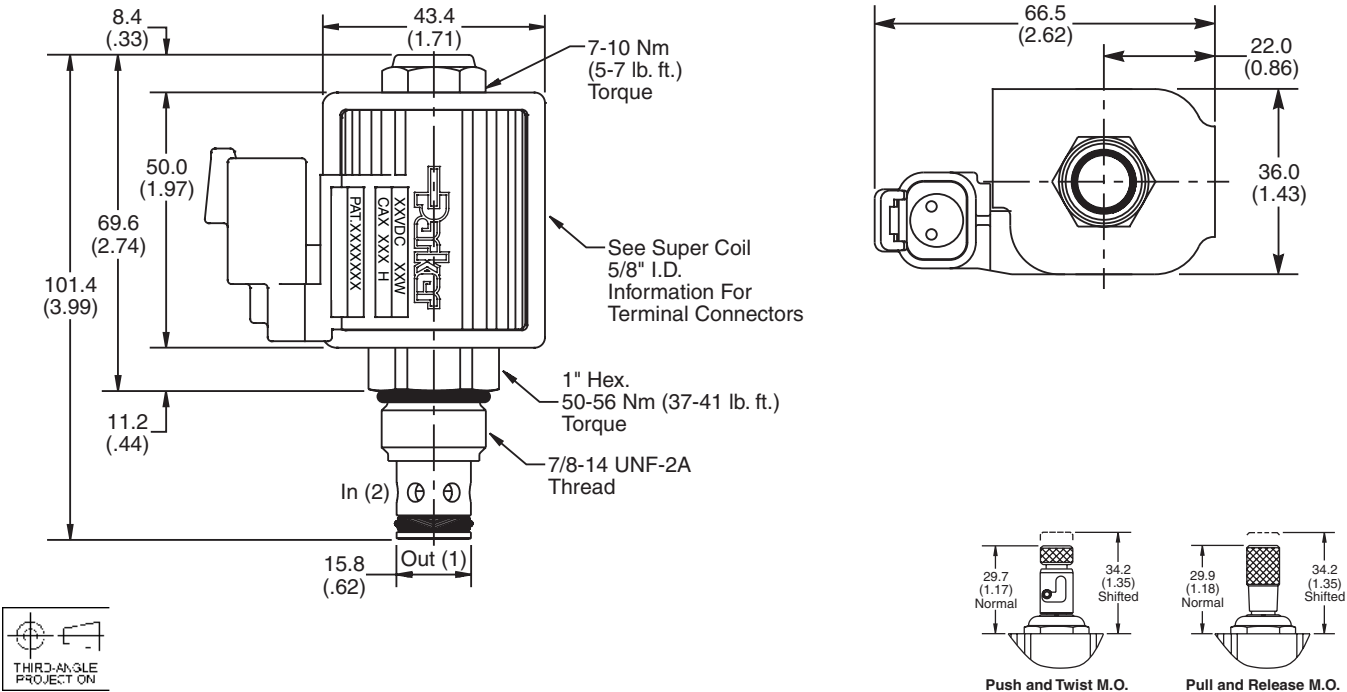
Pressure Drop vs. Flow (Through cartridge only)



Shift Limit Characteristics (Min. Operating Voltage)



Dimensions Millimeters (Inches)



Ordering Information

DSL102				
10 Size Solenoid Valve	Style	Override Option	Seals	Screen

Highlighted represents preferred options that offer the shortest lead times. Other options may be available, but at extended lead times.

Coil(s) sold separately. Please see section CE of this catalog, 5/8" Super-Coil (CA series), for ordering information.

Code / Style	
C Normally Closed	
N Normally Open	

Code	Override Options
Omit	None
P	Pull and Release
T	Push & Twist

Code	Seals / Kit No.
Omit	"D"-Ring / (SK10-2)
N	Nitrile (SK10-2)
V	Fluorocarbon / (SK10-2V)

Code	Screen
Omit	None
S	Screen

Order Bodies Separately
See section BC

B10	2	
10 size	2-Way Cavity	Port Size

Code	Port Size / Body Material
8T	SAE-8 / Steel (5000 PSI)
A8T	SAE-8 / Aluminium (3000 PSI)

CV
Check 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
CB
Cartridge Bodies
BC
Bodies & Cavities
TD
Technical Data