

## General Description

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

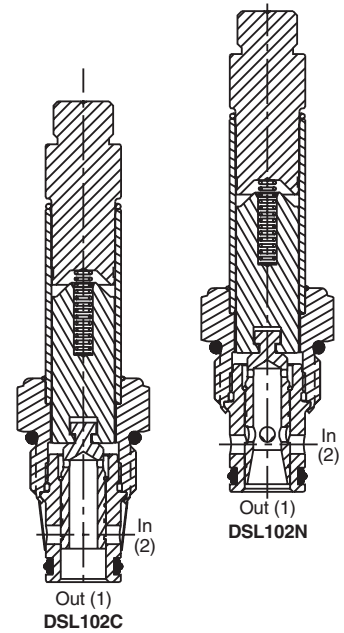
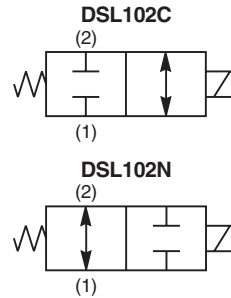


## Features

- 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

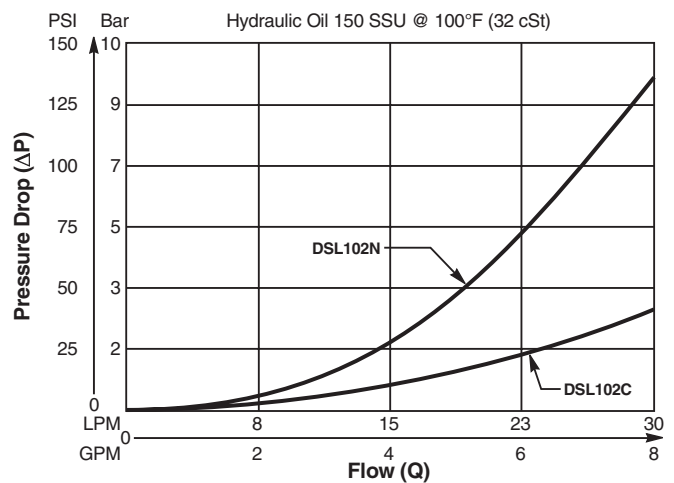
## Specifications

Rated Flow	<b>C</b> - 30 LPM (8.0 GPM) <b>N</b> - 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	<b>C</b> <b>N</b>	<b>Energized</b> 30 ms 50 ms <b>De-Energized</b> 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

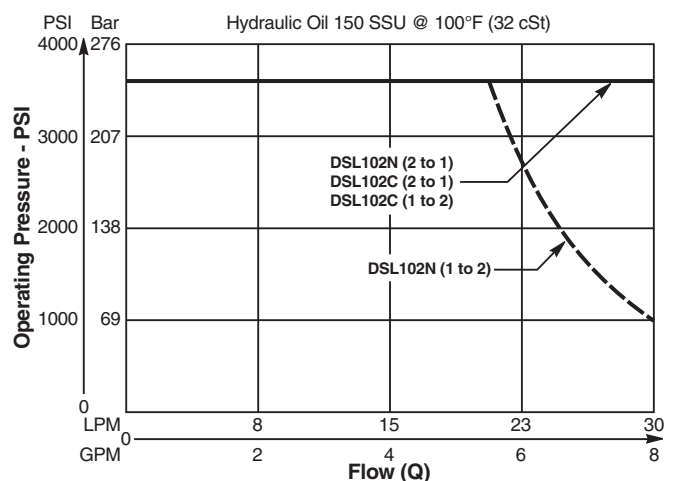


## Performance Curves

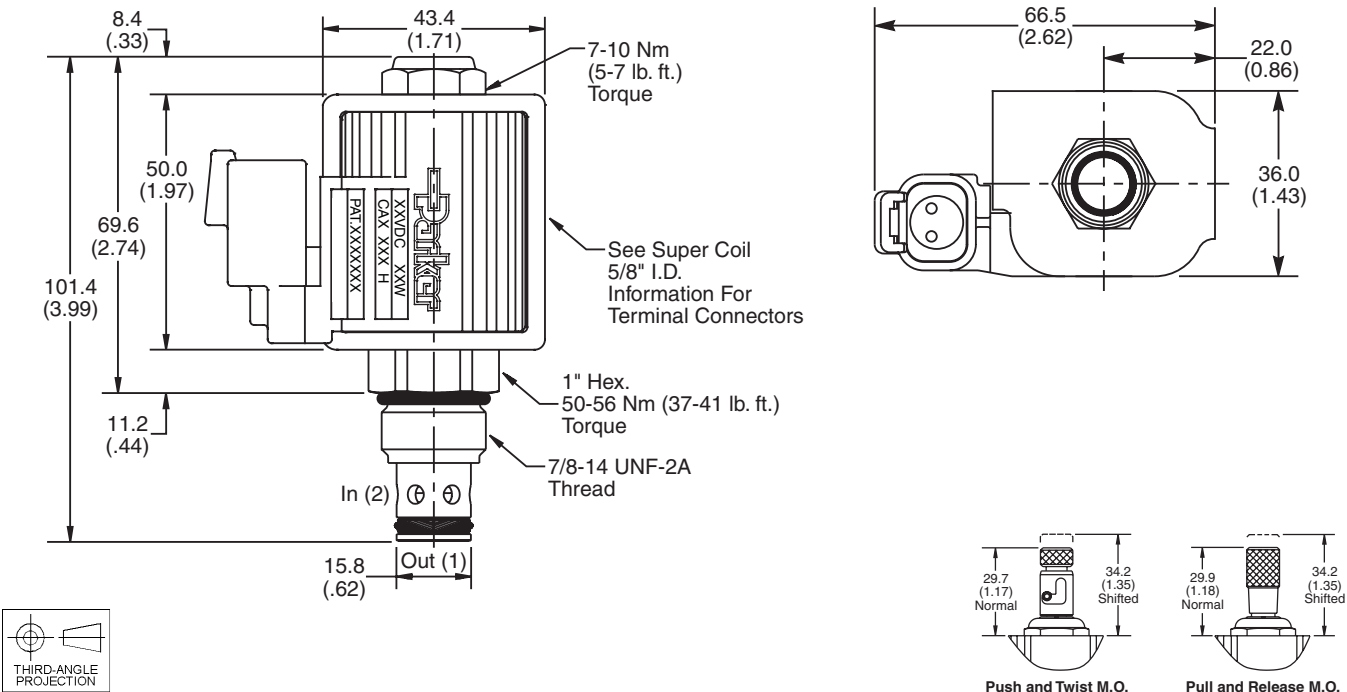
### Pressure Drop vs. Flow (Through cartridge only)



### Shift Limit Characteristics (Min. Operating Voltage)



Dimensions    Millimeters (Inches)



Ordering Information

<b>DSL102</b>				
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
<b>C</b> Normally Closed
<b>N</b> Normally Open

Code	Override Options
<b>Omit</b>	<b>None</b>
P	Pull and Release
T	Push & Twist

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

Code	Screen
<b>Omit</b>	<b>None</b>
S	Screen

Order Bodies Separately  
See section BC

<b>B10</b>	<b>2</b>	
10 size	2-Way Cavity	Port Size

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

<b>CV</b>
Check Valves
<b>SH</b>
Shuttle Valves
<b>LM</b>
Load/Motor Controls
<b>FC</b>
Flow Controls
<b>PC</b>
Pressure Controls
<b>LE</b>
Logic Elements
<b>DC</b>
Directional Controls
<b>MV</b>
Manual Valves
<b>SV</b>
Solenoid Valves
<b>PV</b>
Proportional Valves
<b>CE</b>
Coils & Electronics
<b>CB</b>
Carpack Bodies
<b>BC</b>
Bodies & Cavities
<b>TD</b>
Technical Data