

**General Description**

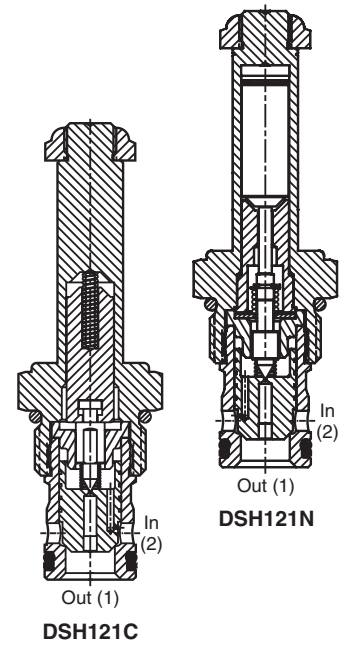
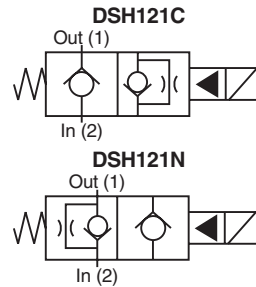
2-Way Poppet Valves.  
 For additional information see Technical Tips on pages SV2-SV6.

**Features**

- Low hysteresis
- Replaceable, one piece encapsulated coils with minimal amperage draw
- Various coil terminations and voltages
- Various manual override options
- All external parts zinc plated

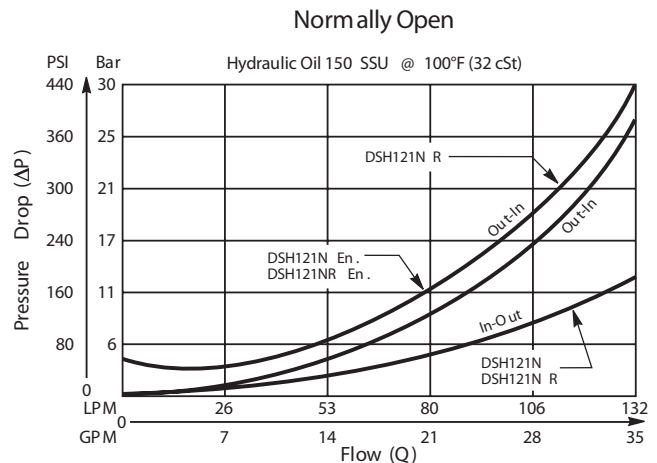
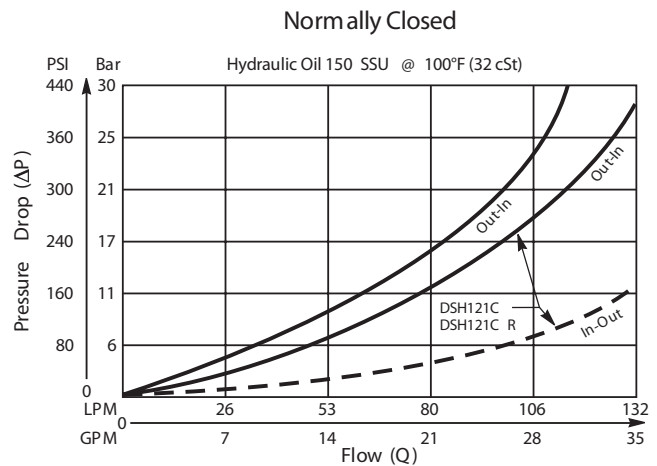
**Specifications**

Rated Flow	90 LPM (24 GPM)									
Maximum Inlet Pressure	350 Bar (5000 PSI)									
Leakage at 150 SSU (32 cSt)	5 drops/min. (.33 cc/min.)									
Minimum Operating Voltage	85% of rated voltage at 20°C (72°F).									
Response Time	<table border="1"> <tr> <td></td> <td><b>Energized</b></td> <td><b>De-Energized</b></td> </tr> <tr> <td><b>C, CR</b></td> <td>100 ms</td> <td>150 ms</td> </tr> <tr> <td><b>N, NR</b></td> <td>70 ms</td> <td>150 ms</td> </tr> </table>		<b>Energized</b>	<b>De-Energized</b>	<b>C, CR</b>	100 ms	150 ms	<b>N, NR</b>	70 ms	150 ms
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<b>C, CR</b>	100 ms	150 ms								
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Cartridge Material	All parts steel. All operating parts hardened steel.									
Operating Temp. Range/Seals	-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	.29 kg (.65 lbs.)									
Cavity	C12-2 (See BC Section for more details)									



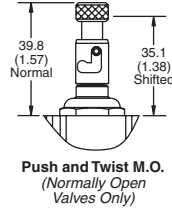
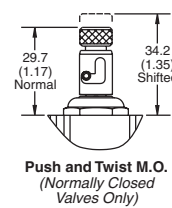
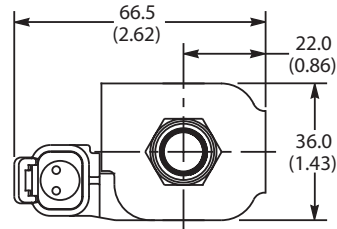
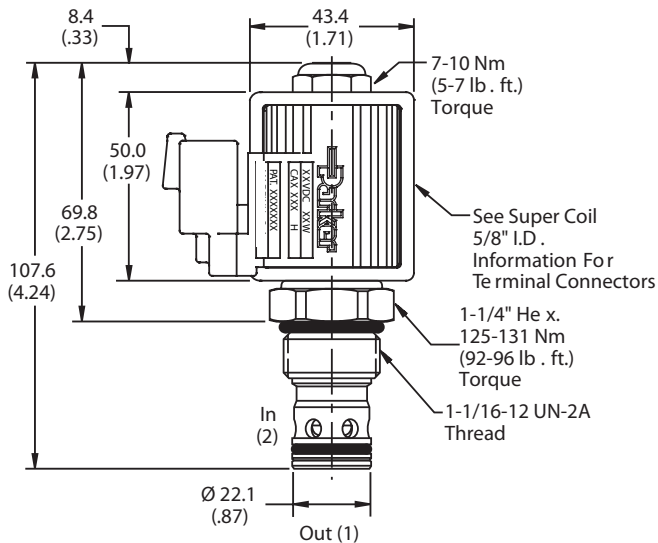
**Performance Curves**

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

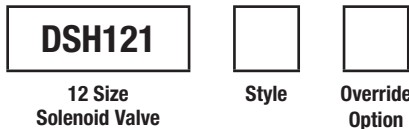


<b>CV</b>
Check Valves
<b>SH</b>
Shuttle Valves
<b>LM</b>
Load/Motor Controls
<b>FC</b>
Flow Controls
<b>PC</b>
Pressure Controls
<b>LE</b>
Logic Elements
<b>DC</b>
Directional Controls
<b>SV</b>
Solenoid Valves
<b>PV</b>
Proportional Valves
<b>CE</b>
Coils & Electronics
<b>BC</b>
Bodies & Cavities
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

**Dimensions** Millimeters (Inches)



**Ordering Information**



**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.

*Order Bodies Separately  
 See section BC*

Code / Style	Diagram
<b>C</b> Normally Closed Metered reverse flow	
<b>CR</b> Normally Closed Free reverse flow	
<b>N</b> Normally Open Metered reverse flow	
<b>NR</b> Normally Open Free reverse flow	

Code	Override Options
Omit	None
T	Push & Twist (N.C. & N.O.)



Code	Seals
Omit	Nitrile

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

Kit	Part Number
Nitrile Seal	SK12-2
Fluorocarbon Seal	SK12-2V



- CV
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