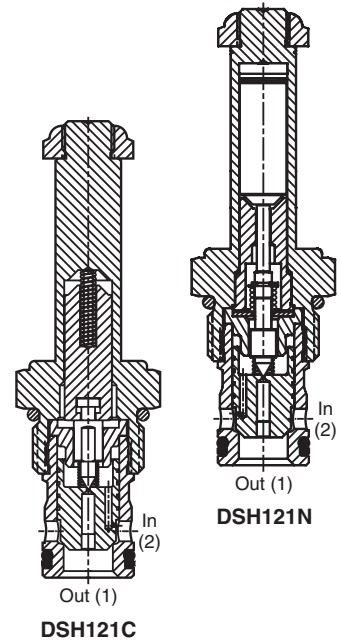
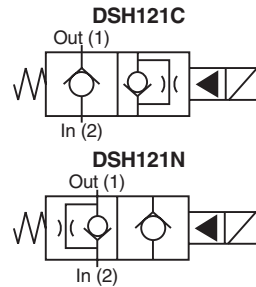


General Description

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

Features

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

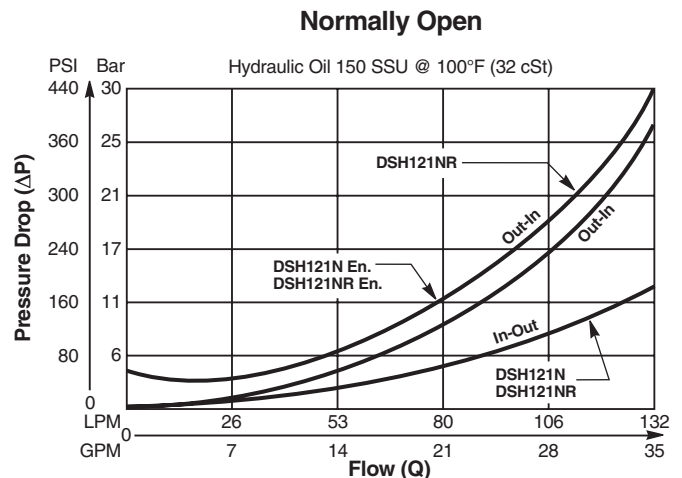
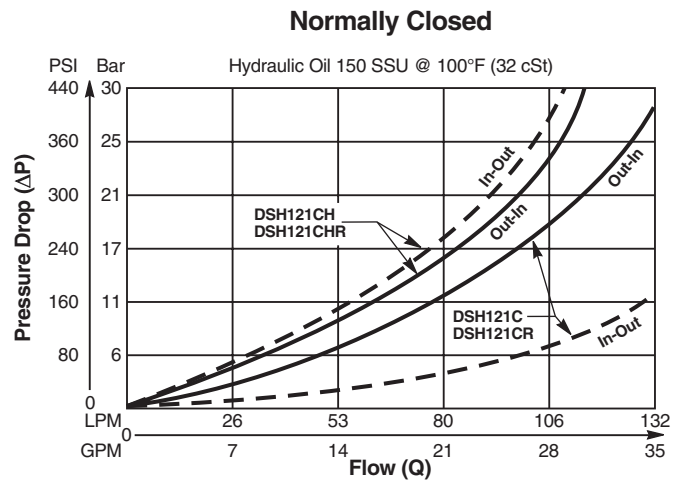


Specifications

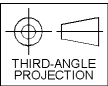
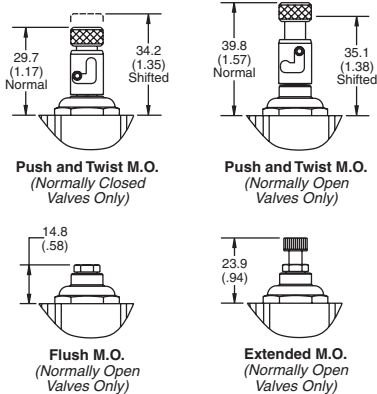
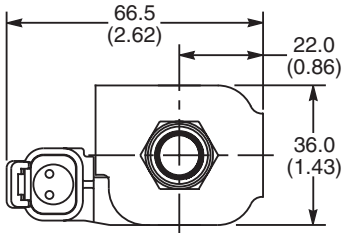
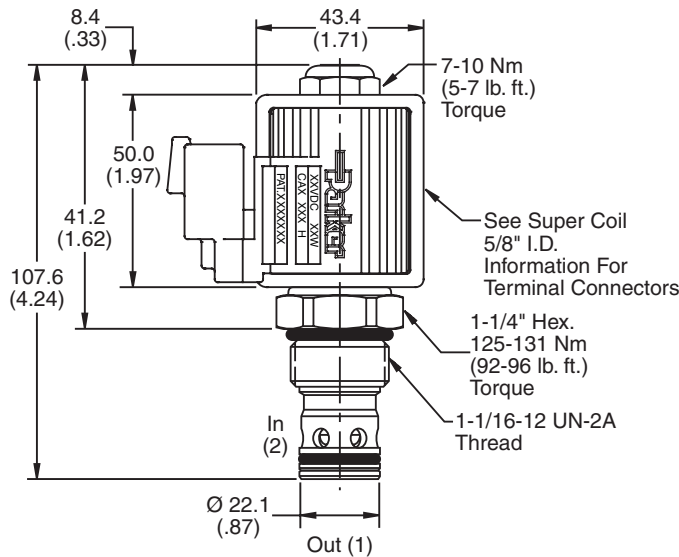
Rated Flow	90 LPM (24 GPM)		
Maximum Inlet Pressure	350 Bar (5000 PSI)		
Leakage at 150 SSU (32 cSt)	5 drops/min. (.33 cc/min.)		
Minimum Operating Voltage	85% of rated voltage at 20°C (72°F).		
Response Time		Energized	De-Energized
	C, CR	100 ms	150 ms
	CH, CHR	60 ms	60 ms
	N, NR	70 ms	150 ms
Cartridge 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)		
Form Tool	Rougher Finisher	None NFT12-2F	

Performance Curves

Pressure Drop vs. Flow (Through cartridge only)



Dimensions Millimeters (Inches)



Ordering Information

DSH121
12 Size Solenoid Valve

Style

Override Option

Seals

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	
C	Normally Closed Metered reverse flow
CH	Normally Closed Metered reverse flow (Fast response)
CHR	Normally Closed Full reverse flow (Fast response)
CR	Normally Closed Free reverse flow
N	Normally Open Metered reverse flow
NR	Normally Open Free reverse flow

Code	Override Options
Omit	None
E	Push Type with Extended Rod (N.O. Only)
M	Push Type with Flush Rod (N.O. Only)
T	Push & Twist (N.C. & N.O.)

Code	Seals / Kit No.
Omit	Nitrile
V	Fluorocarbon / (SK12-2V)

B12 — **2** —
12 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 Cartrpак Bodies
BC Bodies & Cavities
TD Technical Data