

CV

Check
Valves

SH

Shuttle
Valves

LM

Load/Motor
Controls

FC

Flow
Controls

PC

Pressure
Controls

LE

Logic
Elements

DC

Directional
Controls

SV

Solenoid
Valves

PV

Proportional
Valves

CE

Coils &
Electronics

BC

Bodies &
Cavities

TD

Technical
Data

General Description

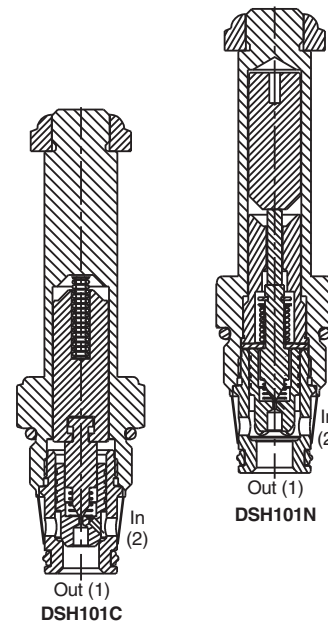
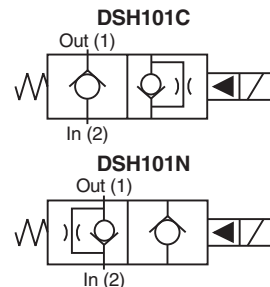
2-Way Poppet Valves. For additional information see Technical Tips on pages SV1-SV6.

Features

- Low hysteresis
- Replaceable, one piece encapsulated coils with minimal amperage draw
- Various coil terminations and voltages
- Various manual override options
- Polyurethane "D"-Ring eliminates need for backup rings
- Nylon inserted jam-nut provides secure holding in high vibration applications
- All external parts zinc plated

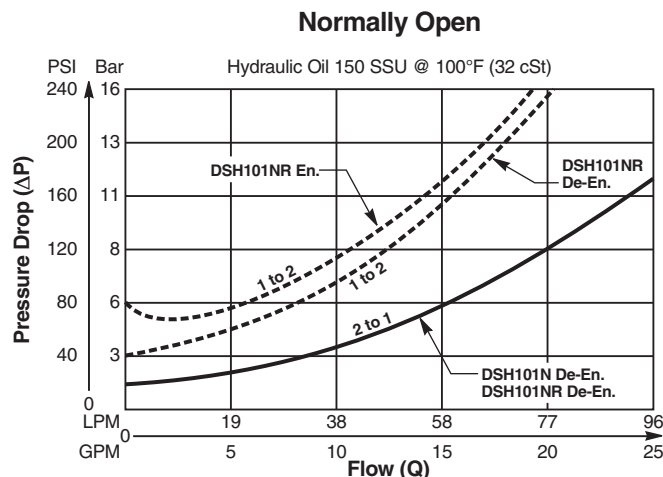
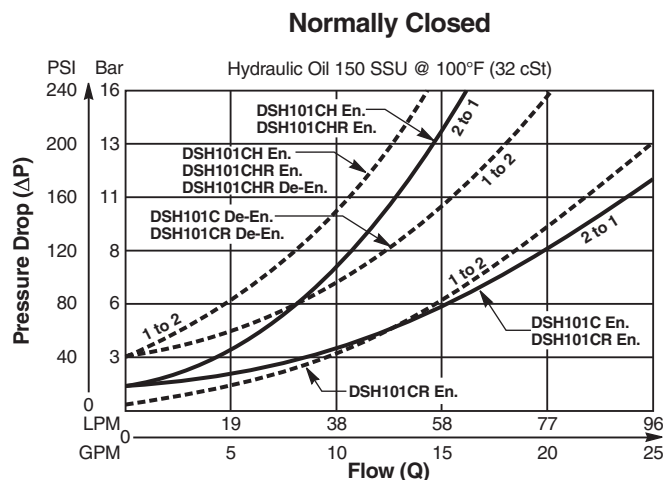
Specifications

Rated Flow	60 LPM (15 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	C, CR	Energized	De-Energized
	N, NR	80 ms	150 ms
		70 ms	35 ms
Cartridge Material	All parts steel. All operating parts hardened steel.		
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	.20 kg (0.41 lbs.)		
Cavity	C10-2 (See BC Section for more details)		
Form Tool	Rougher	None	
	Finisher	NFT10-2F	

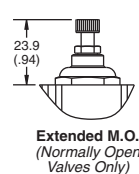
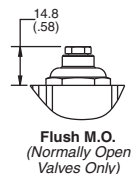
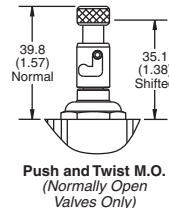
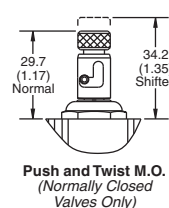
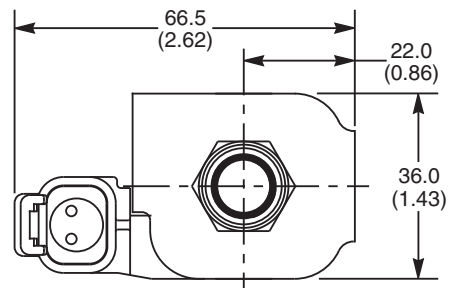
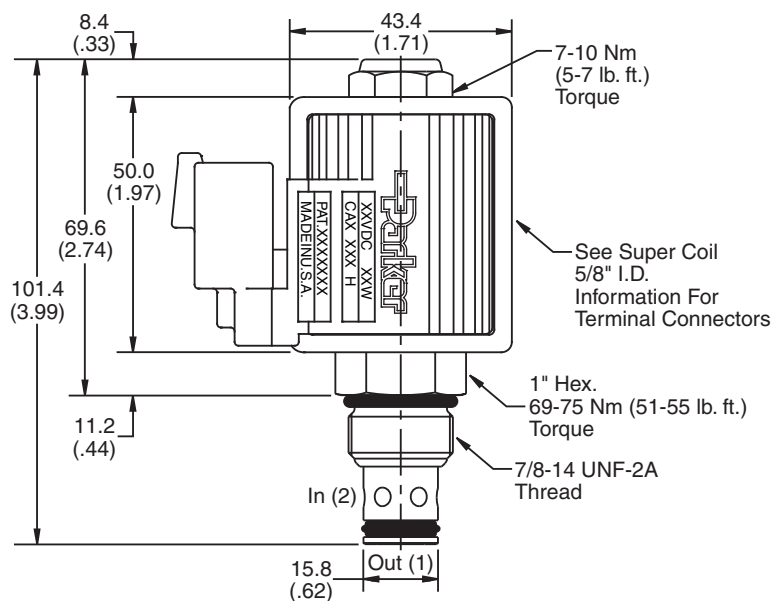


Performance Curves

Pressure Drop vs. Flow (Through cartridge only)



Dimensions Millimeters (Inches)



Ordering Information

DSH101			
10 Size Solenoid Valve	Style	Override Option	Screen

Code / Style	
C Normally Closed Metered reverse flow	
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.)

Order Bodies Separately
See section BC

B10 10 Size	2 2-Way Cavity	8B Port Size
Port Size 1/2" BSP	Body Material Steel	

Code	Screen
Omit	None
S	Screen

Order Coils Separately
See section CE

Coil Type
CAP Super Coil - 28w

Seals / Kit No.	Operating Temp.
"D" -Ring / (SK10-2)	-37°C to +93°C (-35°F to +200°F)