

General Description

2-Way Spool Valves.

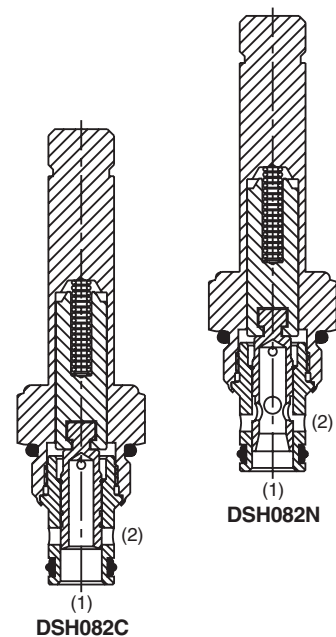
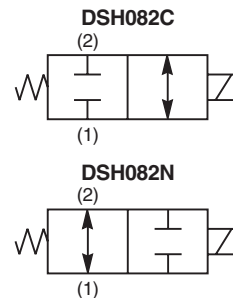
For additional information see Technical Tips on pages SV2-SV6.

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 eliminates need for backup rings
- Nylon inserted jam-nut provides secure holding in high vibration applications
- All external parts zinc plated

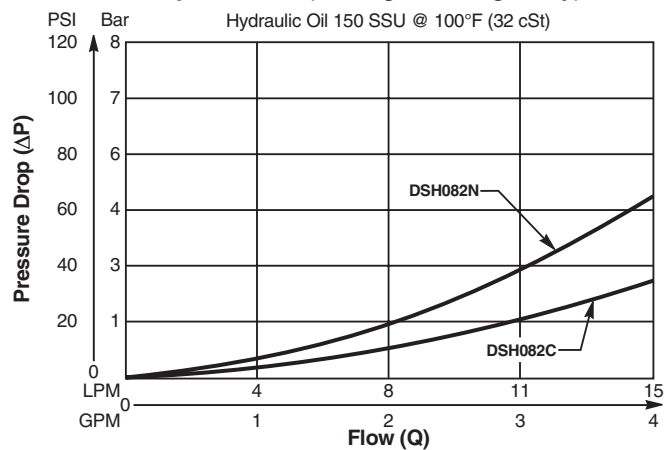
Specifications

Rated Flow	C - 15.0 LPM (4 GPM) N - 8.4 LPM (2.8 GPM)									
Maximum Inlet Pressure	350 Bar (5000 PSI)									
Leakage at 150 SSU (32 cSt)	160 cc/min. (10 in ³ /min.) at 350 Bar (5000 PSI)									
Minimum Operating Voltage	85% of rated voltage at 20°C (72°F).									
Response Time	<table><tr><td></td><td>Energized</td><td>De-Energized</td></tr><tr><td>C</td><td>40 ms</td><td>40 ms</td></tr><tr><td>N</td><td>40 ms</td><td>40 ms</td></tr></table>		Energized	De-Energized	C	40 ms	40 ms	N	40 ms	40 ms
	Energized	De-Energized								
C	40 ms	40 ms								
N	40 ms	40 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	.11 kg (.25 lbs.)									
Cavity	C08-2 (See BC Section for more details)									

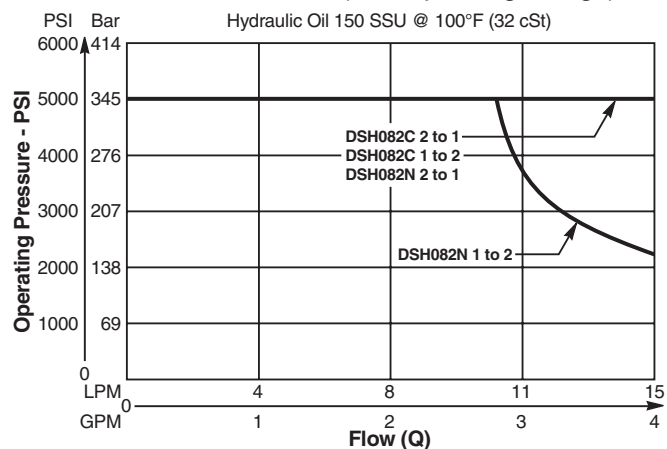


Performance Curves

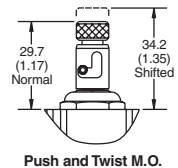
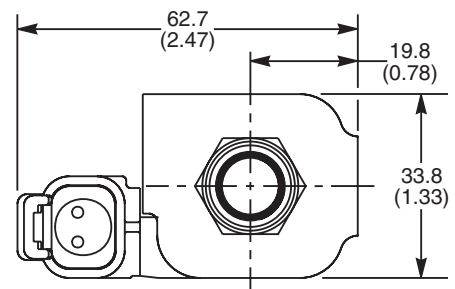
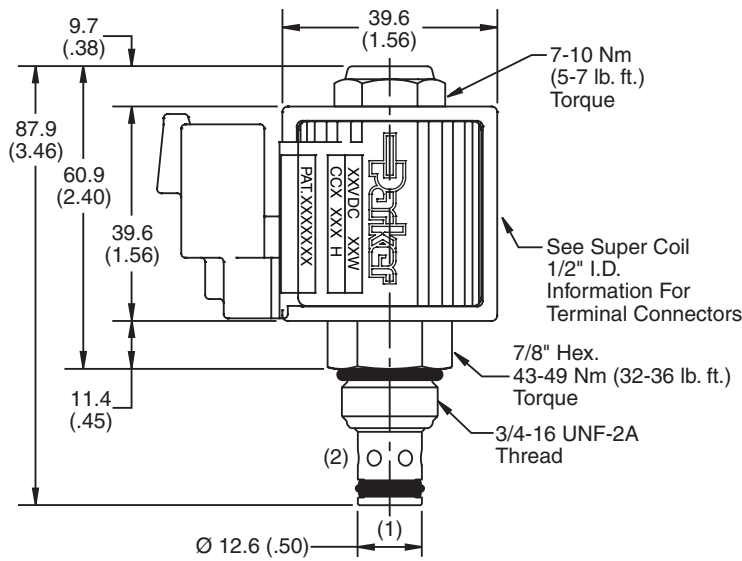
Pressure Drop vs. Flow (Through cartridge only)



Shift Limit Characteristics (Min. Operating Voltage)



Dimensions Millimeters (Inches)



Ordering Information

DSH082

08 Size
Solenoid Valve



Style

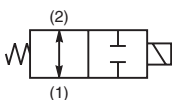
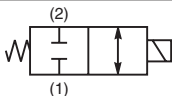


Override
Option

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, 1/2" Super-Coil (CC series), for ordering information.

Code / Style	
C	Normally Closed
N	Normally Open



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

*Requires Super Coil.

Code	Seals
Omit	"D"-Ring

Kit	Part Number
D-Ring Seal	SK08-2
Nitrile Seal	SK08-2
Fluorocarbon Seal	SK08-2V

Order Bodies Separately
See section BC

B08	2	6T
08 size	2-Way Cavity	Port Size

Code	Port Size / Body Material
6T	SAE-6 / Steel (5000 PSI)