

General Description

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

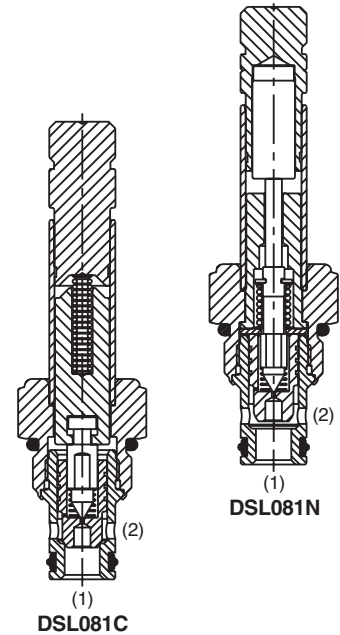
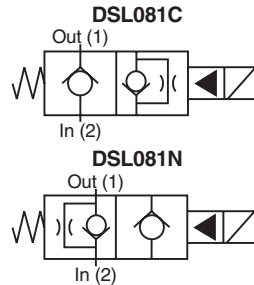


Features

- Replaceable, one piece encapsulated, coils with minimal amperage draw
- Variety of coil terminations and voltages
- Variety of manual override options available
- Fast response available, (CH and CHR) rated at 15 LPM (4.0 GPM)
- Polyurethane "D"-Ring eliminates need for backup rings
- Spherical poppet for low leakage
- Nylon inserted jam-nut provides secure holding in high vibration applications
- All external parts zinc plated

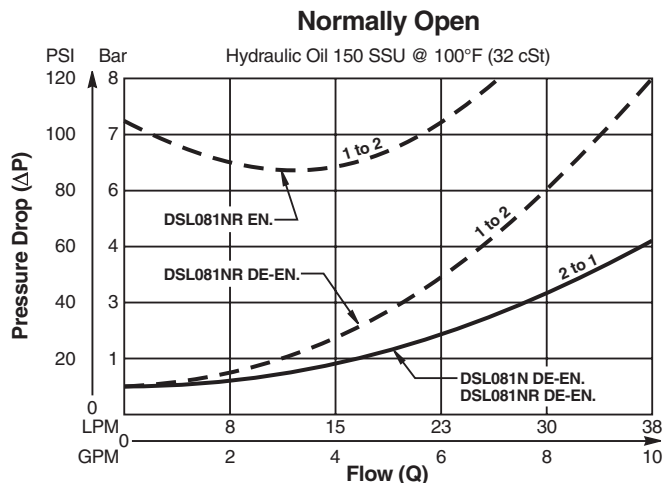
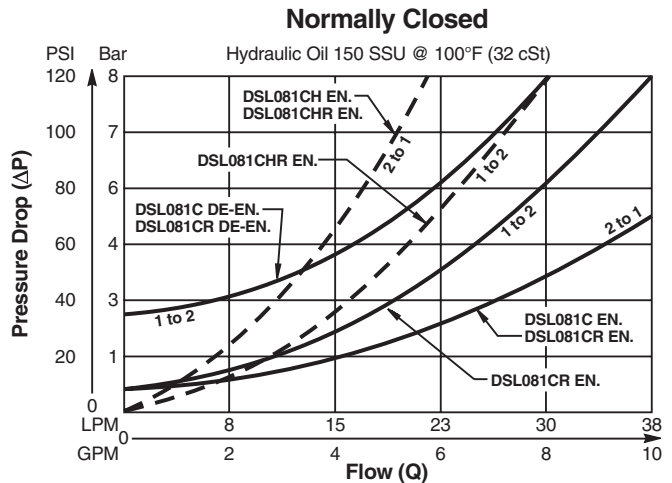
Specifications

Rated Flow	30 LPM (8 GPM)		
Maximum Inlet Pressure	250 Bar (3600 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 CH, CHR N, NR	Energized 50 ms 30 ms 50 ms	De-Energized 50 ms 50 ms 40 ms
Cartridge Material	All parts steel. All operating parts hardened steel.		
Operating Temp. Range/Seals	-37°C to +93°C ("D"-Ring) (-50°F to +200°F) -35°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)		
Form Tool	Rougher Finisher	None NFT08-2F	

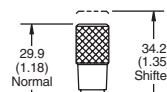
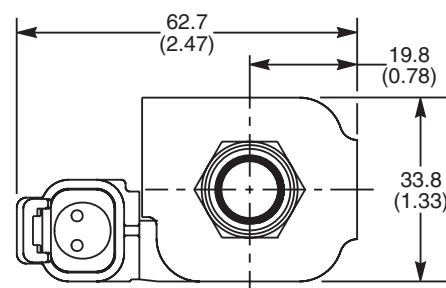
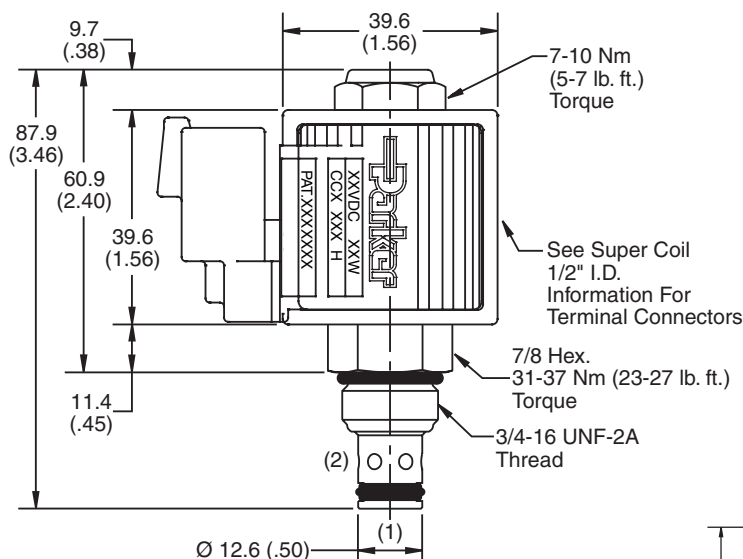


Performance Curves

Pressure Drop vs. Flow (Through cartridge only)

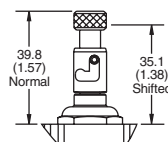


Dimensions Millimeters (Inches)

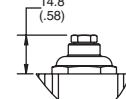


Push and Twist M.O.
 (Normally Closed Valves Only)

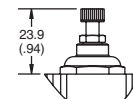
Pull and Release M.O.
 (Normally Closed Valves Only)



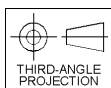
Push and Twist M.O.
 (Normally Open Valves Only)



Flush M.O.
 (Normally Open Valves Only)



Extended M.O.
 (Normally Open Valves Only)



Ordering Information

DSL081

08 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, 1/2" Super-Coil (CC 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)
P	Pull & Release (N.C. Only)
T	Push & Twist (N.C. & N.O.)

Code	Seals / Kit No.
Omit	"D"-Ring / (SK08-2)
N	Nitrile (SK08-2)
V	Fluorocarbon / (SK08-2V)

Code	Screen
Omit	None
S	Screen

B08	2	
08 size	2-Way Cavity	Port Size
Code	Port Size / Body Material	
6T	SAE-6 / Steel (5000 PSI)	
A6T	SAE-6 / Aluminium (3000 PSI)	