

General Description

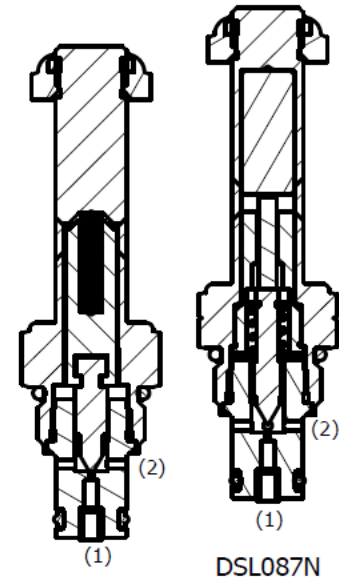
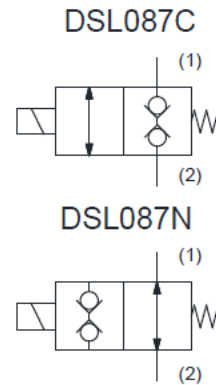
2-Way Poppet Valves.
 For additional information see Technical Tips on pages SV2-SV6.

Features

- Replaceable, one piece encapsulated, coils with minimal amperage draw
- Variety of coil terminations and voltages
- Polyurethane “D”-Ring eliminates need for backup rings
- Conical poppet for low leakage
- Nylon inserted jam-nut provides secure holding in high vibration applications
- All external parts zinc plated

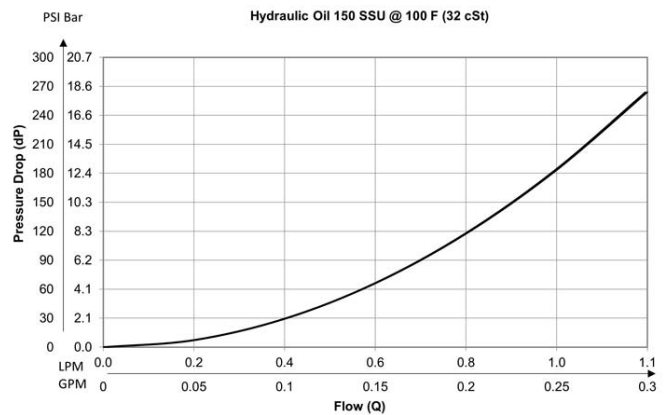
Specifications

| | | | | | | | | | | |
|---------------------------------------|---|---------------------|------------------|---------------------|----------|-------|-------|----------|-------|-------|
| Rated Flow | 1.1 LPM (0.3 GPM) | | | | | | | | | |
| Maximum Input Pressure at Port 1 | 250 Bar (3600 PSI) | | | | | | | | | |
| Leakage at 150 SSU (32 cSt) | 5 drops/min. (0.33 cc/min.) @ 250 Bar (3600 PSI) | | | | | | | | | |
| Minimum Operating Voltage, CCXXX Coil | 85% of rated voltage at 20°C (72°F). | | | | | | | | | |
| Response Time | <table border="1"> <tr> <td></td> <td>Energized</td> <td>De-Energized</td> </tr> <tr> <td>C</td> <td>30 ms</td> <td>30 ms</td> </tr> <tr> <td>N</td> <td>30 ms</td> <td>30 ms</td> </tr> </table> | | Energized | De-Energized | C | 30 ms | 30 ms | N | 30 ms | 30 ms |
| | Energized | De-Energized | | | | | | | | |
| C | 30 ms | 30 ms | | | | | | | | |
| N | 30 ms | 30 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) | | | | | | | | | |



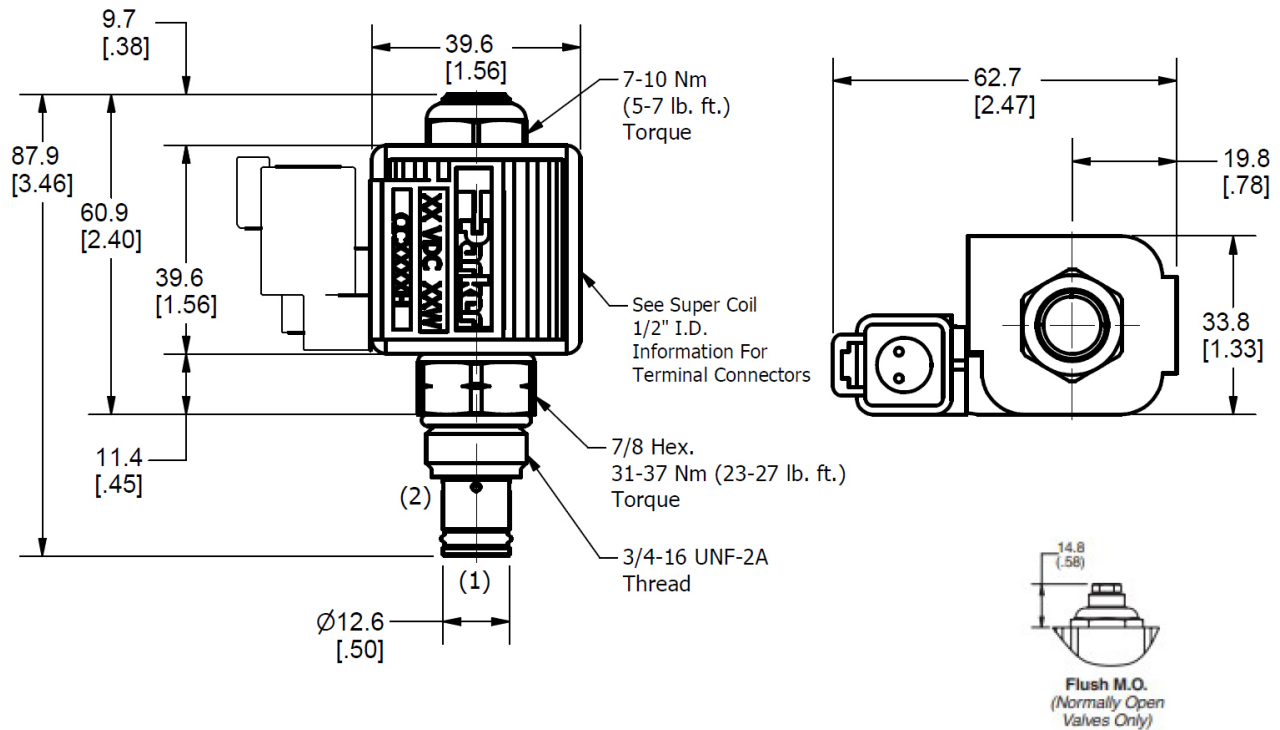
Performance Curve

Pressure Drop vs. Flow (Through cartridge only)



- 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

Dimensions Millimeters (Inches)



Ordering Information

| | | | |
|------------------------|-------|-----------------|---------|
| DSL087 | | | |
| 08 Size Solenoid Valve | Style | Override Option | Screens |

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.
REQUIRES LOW WATT (CCS) Coil

| Code | Style |
|------|-----------------|
| C | Normally Closed |
| N | Normally Open |

| Code | Seals |
|------|--------|
| Omit | D-ring |

| Code | Override Options |
|------|--------------------------------------|
| Omit | None |
| M | Push Type with Flush Rod (N.O. Only) |

| Code | Screen |
|------|--------|
| Omit | None |
| S | Screen |

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) |

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

| |
|----------------------|
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