



This solenoid-operated 2-way, 2-position cartridge is a direct-acting, balanced spool directional valve. The valve is available in either a normally open or normally closed configuration.

TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

| | |
|---|-----------------------|
| Maximum Operating Pressure | 350 bar |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 80 cc/min.@210 bar |
| Manual Override Force Requirement | 33 N/100 bar @ Port 1 |
| Manual Override Stroke | 2,5 mm |
| Response Time - Typical | 50 ms |
| Switching Frequency | 15,000 max. cycles/hr |
| Seal kit - Cartridge | Buna: 990413007 |
| Seal kit - Cartridge | EPDM: 990413014 |
| Seal kit - Cartridge | Viton: 990413006 |

NOTES

- Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances.
- An additional 2.00 inches (50,8 mm) beyond the valve extension is needed for coil installation and removal.

CONFIGURATION OPTIONS

Model Code Example: DLDA_XCN

| CONTROL | (X) SPOOL CONFIGURATION | (C) SEAL MATERIAL | (N) COIL * |
|--|--------------------------|-------------------|-------------------------------------|
| X No Manual Override | C Normally Closed | N Buna-N | No coil |
| M Manual Override | H Normally Open | E EPDM | 212 DIN 43650-Form A, 12 VDC |
| D Twist/Lock (Dual) Manual Override | | V Viton | 224 DIN 43650-Form A, 24 VDC |
| L Twist/Lock (Detent) Manual Override | | | 912 Deutsch DT04-2P, 12 VDC |
| T Twist (Momentary) Manual Override | | | 924 Deutsch DT04-2P, 24 VDC |

* Additional coil options are available