

X-Control, L-Spool

X-Control, S-Spool

X-Control, U-Spool

X-Control, Y-Spool



X-Control, R-Spool

X-Control, T-Spool

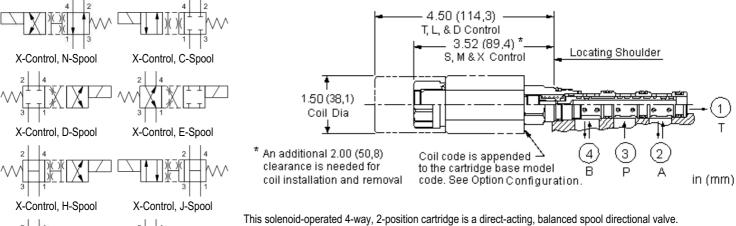
X-Control, X-Spool

X-Control, Z-Spool

4-way, 2-position, solenoid-operated directional spool valve SERIES 1 / CAPACITY: 40 L/min. / CAVITY: T-31A



sunhydraulics.com/model/DNDA



TECHNICAL DATA

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

| Maximum Operating Pressure | 350 bar | |
|---|--|--|
| Maximum Valve Leakage at 110 SUS (24 cSt) | 160 cc/min.@210 bar | |
| Manual Override Force Requirement | 33 N/100 bar @ Port 1 2,5 mm 50 ms 15,000 max. cycles/hr Buna: 990431007 EPDM: 990431014 | |
| Manual Override Stroke | | |
| Response Time - Typical | | |
| Switching Frequency | | |
| Seal kit - Cartridge | | |
| Seal kit - Cartridge | | |
| Seal kit - Cartridge | Viton: 990431006 | |

NOTES

CONTROL

- 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

D Twist/Lock (Dual) Manual Override

L Twist/Lock (Detent) Manual Override

T Twist (Momentary) Manual Override

Model Code Example: DNDAXNN

| X | No | Manual | Override |
|---|----|--------|----------|
| | | | |

- N Through, Shift to Cross M Manual Override C Closed, Shift to Through
 - D Closed, Shift to Cross

(X) SPOOL CONFIGURATION

- E Cross, Shift to Closed
- H Open, Shift to Cross
- J Open, Shift to Through
- L Cross, Shift to P to A, B and T Blocked
- R Regen, Shift to Cross
- S Regen, Shift to Through
- Tandem, Shift to Through
- U Through, Shift to Tandem
- X Cross, Shift to Through
- Motor, Shift to Cross
- Z Motor, Shift to Through

N Buna-N

E EPDM

(N) SEAL MATERIAL

V Viton

(N) COIL *

212 DIN 43650-Form A, 12 VDC 224 DIN 43650-Form A, 24 VDC 912 Deutsch DT04-2P, 12 VDC 924 Deutsch DT04-2P, 24 VDC

* Additional coil options are available

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