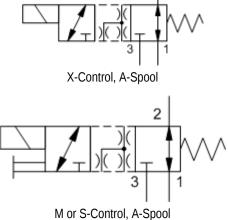
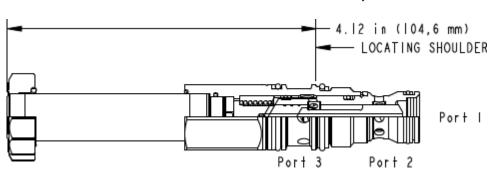




sunhydraulics.com/model/DMDF





This solenoid-operated 3-way, 2-position cartridge is a direct-acting, balanced spool directional valve.

## **TECHNICAL DATA** NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	5000 psi
Manual Override Force Requirement	5 lbs/1000 psi @ Port 1
Manual Override Stroke	.10 in.
Maximum Valve Leakage at 110 SUS (24 cSt)	5 in³/min.@3000 psi
Response Time - Typical	50 ms
Switching Frequency	15,000 max. cycles/hr
Seal kit - Cartridge	Buna: 990-411-007
Seal kit - Cartridge	Viton: 990-411-006

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** CONTROL

No Manual Override

## Model Code Example: DMDFXAN SPOOL CONFIGURATION (X)

А

Ν

(A) SEAL MATERIAL

(N)

COIL \*

No coil

- Twist/Lock (Dual) Manual Override D
- L Twist/Lock (Detent) Manual Override
- Manual Override Μ

х

- т Twist (Momentary) Manual Override
- Normally Open 2 to 3, Closed 1 to R 2, Closed Transition

Normally Open 1 to 2, Closed 2 to 3

- Normally Open 2 to 3, Closed 1 to 2 V
  - Viton

N Buna-N

Additional coil options are available