



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 in ³ /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

Model Code Example: DMDFXAN

CONTROL	(X)	SPOOL CONFIGURATION	(A)	SEAL MATERIAL	(N)	COIL *
X No Manual Override		A Normally Open 1 to 2, Closed 2 to 3		N Buna-N		No coil
D Twist/Lock (Dual) Manual Override		N Normally Open 2 to 3, Closed 1 to 2		V Viton		* Additional coil options are available
L Twist/Lock (Detent) Manual Override		R Normally Open 2 to 3, Closed 1 to 2, Closed Transition				
M Manual Override						
T Twist (Momentary) Manual Override						