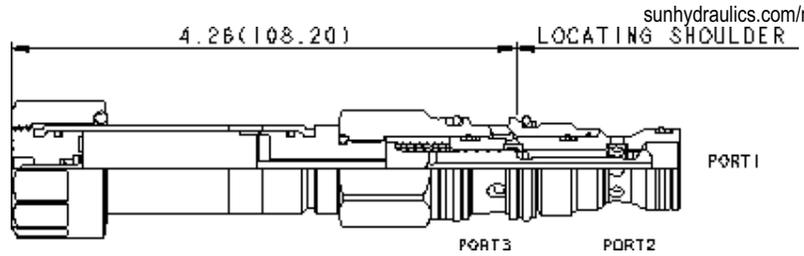


M or S-Control, N-Spool


sunhydraulics.com/model/DMDA

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

CONFIGURATION

M	Control	Manual Override
N	Spool Configuration	Normally Open 2 to 3, Closed 1 to 2
N	Seal Material	Buna-N
(none)	Material/Coating	Standard Material/Coating
(none)	Coil	No coil

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: 990411007
Seal kit - Cartridge	EPDM: 990411014
Seal kit - Cartridge	Viton: 990411006

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: DMDAMNN

CONTROL	(M) SPOOL CONFIGURATION	(N) SEAL MATERIAL	(N) MATERIAL/COATING
M Manual Override	N Normally Open 2 to 3, Closed 1 to 2	N Buna-N	Standard Material/Coating
X No Manual Override	A Normally Open 1 to 2, Closed 2 to 3	E EPDM	/LH Mild Steel, Zinc-Nickel
D Twist/Lock (Dual) Manual Override	B Normally Open 1 to 2, Closed 2 to 3, Closed Transition	V Viton	COIL *
L Twist/Lock (Detent) Manual Override	P Normally Open 1 to 3, Closed 1 to 2		No coil
T Twist (Momentary) Manual Override	R Normally Open 2 to 3, Closed 1 to 2, Closed Transition		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