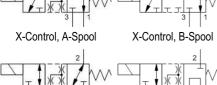
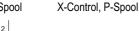
3-way, solenoid-operated directional spool valve MODEL <mark>sun</mark> hydraulics **DMDA** SERIES 1 / CAPACITY: 45 L/min. / CAVITY: T-11A 5.23 (132,8)

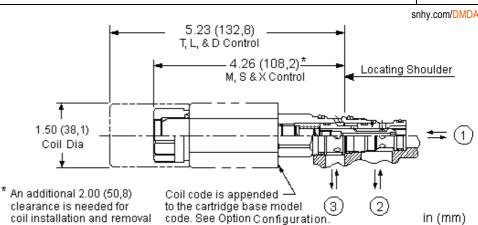




X-Control, N-Spool



X-Control, R-Spool



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	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

• Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances. NOTES

• An additional 2.00 inches (50,8 mm) beyond the valve extension is needed for coil installation and removal.

CONFIGURATION OPTIONS

Model Code Example: DMDAXAN

CONTROL (X	() SPOOL CONFIGURATION (A	N) SEAL MATERIAL (N)	COIL *
X No Manual Override	A Normally Open 1 to 2, Closed 2 to 3	N Buna-N	No coil
M Manual Override	N Normally Open 2 to 3, Closed 1 to 2	E EPDM	212 DIN 43650-Form A, 12 VDC
D Twist/Lock (Dual) Manual Override	B Normally Open 1 to 2, Closed 2 to 3,	V Viton	224 DIN 43650-Form A, 24 VDC
L Twist/Lock (Detent) Manual Override	Closed Transition		912 Deutsch DT04-2P, 12 VDC
T Twist (Momentary) Manual Override	P Normally Open 1 to 3, Closed 1 to 2		924 Deutsch DT04-2P, 24 VDC
	R Normally Open 2 to 3, Closed 1 to 2, Closed Transition		* Additional coil options are available