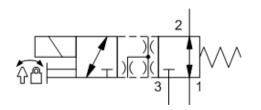
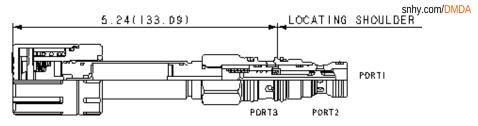




3-way, solenoid-operated directional spool valve SERIES 1 / CAPACITY: 45 L/min. / CAVITY: T-11A







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

CONFIGURATION

D	Control	Twist/Lock (Dual) Manual Override
Α	Spool Configuration	Normally Open 1 to 2, Closed 2 to 3
N	Seal Material	Buna-N
(none) Coil		No coil

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar	
Response Time - Typical	50 ms	
Maximum Valve Leakage at 110 SUS (24 cSt)	80 cc/min.@210 bar	
Switching Frequency	15000 cycles/hr	
Manual Override Force Requirement	33 N/100 bar @ Port 1	
Manual Override Stroke	2,5 mm	
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: DMDADAN

CONTROL	(D)	SPOOL CONFIGURATION	(A)	SEAL MATERIAL	(N)	COIL

D Twist/Lock (Dual) Manual Override

- M Manual Override
- X No Manual Override
- L Twist/Lock (Detent) Manual Override
- T Twist (Momentary) Manual Override

A Normally Open 1 to 2, Closed 2 to 3

- N Normally Open 2 to 3, Closed 1 to 2
- **B** Normally Open 1 to 2, Closed 2 to 3, Closed Transition
- P Normally Open 1 to 3, Closed 1 to 2
- R Normally Open 2 to 3, Closed 1 to 2, Closed Transition

N Buna-N

E EPDMV Viton

No coil

212 DIN 43650-Form A, 12 VDC **224** DIN 43650-Form A, 24 VDC

712 Twin Lead, 12 VDC **724** Twin Lead, 24 VDC

724 TWITI Leau, 24 VDC

912 Deutsch DT04-2P, 12 VDC **924** Deutsch DT04-2P, 24 VDC

* Additional coil options are available