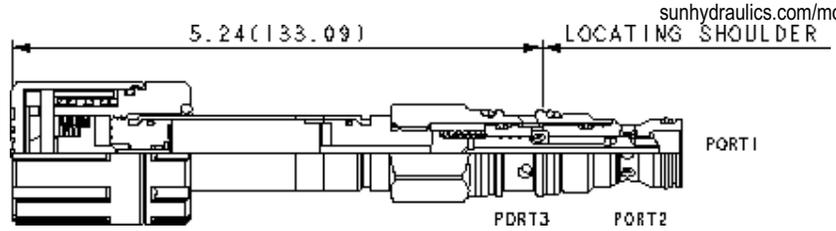


T-Control A-Spool



sunhydraulics.com/model/DMDA

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

**CONFIGURATION**

<b>T</b>	Control	Twist (Momentary) Manual Override
<b>A</b>	Spool Configuration	Normally Open 1 to 2, Closed 2 to 3
<b>N</b>	Seal Material	Buna-N
<b>(none)</b>	Material/Coating	Standard Material/Coating
<b>(none)</b>	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: **DMDATAN**

CONTROL	(T) SPOOL CONFIGURATION	(A) SEAL MATERIAL	(N) MATERIAL/COATING
<b>T</b> Twist (Momentary) Manual Override	<b>A</b> Normally Open 1 to 2, Closed 2 to 3	<b>N</b> Buna-N	Standard Material/Coating
<b>M</b> Manual Override	<b>N</b> Normally Open 2 to 3, Closed 1 to 2	<b>E</b> EPDM	/LH Mild Steel, Zinc-Nickel
<b>X</b> No Manual Override	<b>B</b> Normally Open 1 to 2, Closed 2 to 3, Closed Transition	<b>V</b> Viton	<b>COIL *</b>
<b>D</b> Twist/Lock (Dual) Manual Override	<b>P</b> Normally Open 1 to 3, Closed 1 to 2		No coil
<b>L</b> Twist/Lock (Detent) Manual Override	<b>R</b> Normally Open 2 to 3, Closed 1 to 2, Closed Transition		<b>212</b> DIN 43650-Form A, 12 VDC
			<b>224</b> DIN 43650-Form A, 24 VDC
			<b>912</b> Deutsch DT04-2P, 12 VDC
			<b>924</b> Deutsch DT04-2P, 24 VDC

\* Additional coil options are available