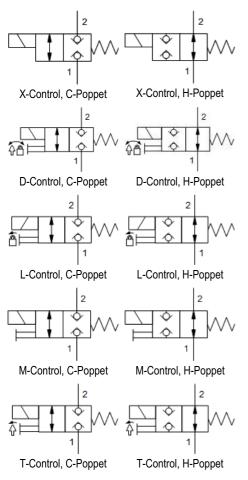
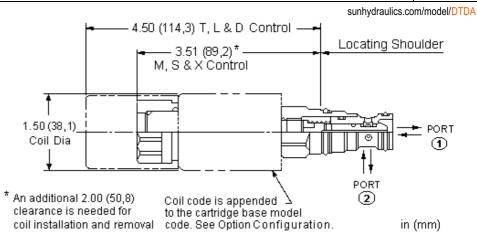




2-way, direct-acting, solenoid-operated directional blocking poppet valve SERIES 1 / CAPACITY: 40 L/min. / CAVITY: T-13A







This solenoid-operated 2-way, 2-position cartridge is a direct-acting, poppet-style directional valve. The valve is available in either a normally open or normally closed configuration. Due to the poppet style construction, this valve has extremely low leakage.

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar		
Maximum Valve Leakage at 110 SUS (24 cSt)	0,7 cc/min.@350 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: 990413007		
Seal kit - Cartridge	EPDM: 990413014		
Seal kit - Cartridge	Polyurethane: 990413002		
Seal kit - Cartridge	Viton: 990413006		

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: DTDAXCN

CONTROL	(X)	POPPET CONFIGURATION	(C)	SEAL MATERIAL	(N)	COIL *
X No Manual Override		C Normally Closed		N Buna-N		No coil
D Twist/Lock (Dual) Manual Override		H Normally Open		E EPDM		212 DIN 43650-Form A, 12 VDC
L Twist/Lock (Detent) Manual Override	е			V Viton		224 DIN 43650-Form A, 24 VDC

M Manual Override912 Deutsch DT04-2P, 12 VDCT Twist (Momentary) Manual Override924 Deutsch DT04-2P, 24 VDC

* Additional coil options are available

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