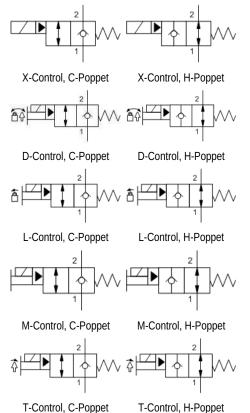
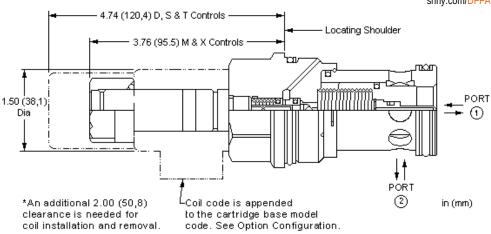
2-way, 2 stage, solenoid-operated directional poppet valve - flow 1-2

SERIES 4 / CAPACITY: 480 L/min. / CAVITY: T-18A









This solenoid controlled, 2-way, 2-position cartridge is a pilot-operated, poppet style directional valve with reverse free flow check. It is available in either a normally open or normally closed configuration. Due to its poppet style construction, it has extremely low leakage.

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar	
Response Time - Typical	30 ms	
Maximum Valve Leakage at 110 SUS (24 cSt)	0,7 cc/min.@350 bar	
Check Cracking Pressure	3,5 bar	
Switching Frequency	15000 cycles/hr	
Seal kit - Cartridge	Buna: 990018007	
Seal kit - Cartridge	Viton: 990018006	

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: DFFAXCN

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	V Viton	212 DIN 43650-Form A, 12 VDC
L Twist/Lock (Detent) Manual Override			224 DIN 43650-Form A, 24 VDC
M Manual Override			712 Twin Lead, 12 VDC
T Twist (Momentary) Manual Override			724 Twin Lead, 24 VDC
			912 Deutsch DT04-2P, 12 VDC
			924 Deutsch DT04-2P, 24 VDC
			* Additional coil options are available