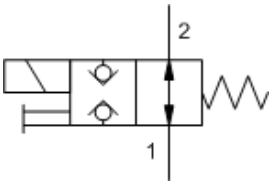
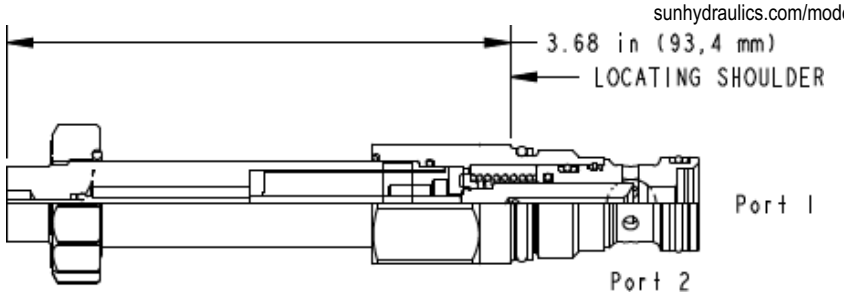
MODEL
DTDF

2-way, direct-acting, solenoid-operated directional blocking poppet valve
SERIES 1 / CAPACITY: 10 gpm / CAVITY: T-13A

sunhydraulics.com/model/DTDF



M-Control, H-Poppet



CONFIGURATION

M	Control	Manual Override
H	Poppet Configuration	Normally Open
N	Seal Material	Buna-N
(none)	Coil	No coil

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 and is designed to be used with FLeX Series coils.

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	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	10 drops/min.@5000 psi
Manual Override Force Requirement	5 lbs/1000 psi @ Port 1
Manual Override Stroke	.10 in.
Response Time - Typical	50 ms
Switching Frequency	15,000 max. cycles/hr
Seal kit - Cartridge	Buna: 990413007
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.

CONFIGURATION OPTIONS

Model Code Example: DTDFMHN

CONTROL (M)	POPPET CONFIGURATION (H)	SEAL MATERIAL (N)	COIL *
M Manual Override	**H** Normally Open	**N** Buna-N	No coil
D Twist/Lock (Dual) Manual Override	**C** Normally Closed	**V** Viton	
L Twist/Lock (Detent) Manual Override			
T Twist (Momentary) Manual Override			
X No Manual Override			

* Additional coil options are available

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