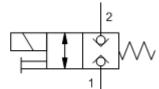


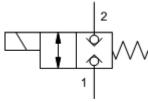
FLeX Series 2-way, direct-acting, solenoid-operated directional blocking poppet valve CAPACITY: 7 gpm / CAVITY: T-8A



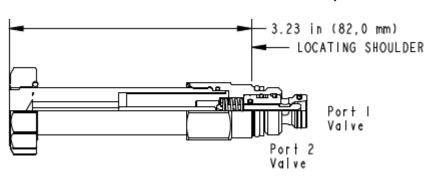
sunhydraulics.com/model/DTAF



M-Control, C-Poppet



X-Control, C-Poppet



This FLeX Series solenoid-operated 2-way, 2-position cartridge is a direct-acting directional poppet valve. Available in either normally open or normally closed configurations, these valves feature a pressure-balanced design, low leakage, and allow flow or blocking in both directions. This cartridge can be installed directly into a cavity in the end of many of Sun's pilot operated and ventable valves to provide integrated pilot control.

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

Maximum Operating Pressure	5000 psi				
Maximum Valve Leakage at 110 SUS (24 cSt)	0.004 in <sup>3</sup> /min.@5000 psi				
Viscosity Range	35 - 2000 SUS				
Response Time - Typical	50 ms				
Switching Frequency	15,000 max. cycles/hr				
Seal kit - Cartridge	Buna: 990-608-007				
Seal kit - Cartridge	Viton: 990-608-006				
U.S. Patent #	10,302,201				

NOTES: • For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

- 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: DTAFXCN						
CO	NTROL (X)	PO	PPET CONFIGURATION	(C)	SEA	L MATERIAL	(N)	COI	L *
Х	No Manual Override	С	Normally Closed		Ν	Buna-N			No coil
D	Twist/Lock (Dual) Manual Override	Н	Normally Open		Е	EPDM		*	Additional coil options are available
L	Twist/Lock (Detent) Manual				v	Viton			

M Manual Override

Override

T Twist (Momentary) Manual Override