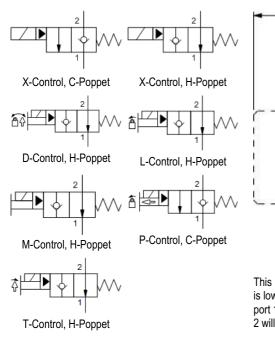


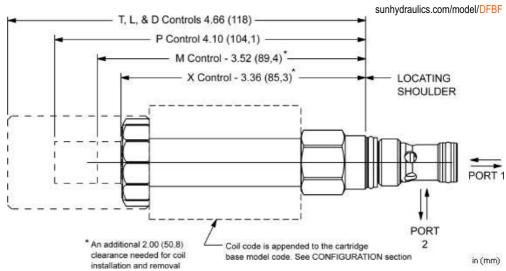


FLeX Series 2-way, 2-stage, solenoid-operated directional poppet valve with reverse flow check - flow 2-1

CAPACITY: 40 L/min. / CAVITY: T-162A







This FLeX Series solenoid-operated 2-way, 2-stage cartridge is a pilot-operated directional poppet valve. The valve is low leakage and available in either a normally open or normally closed configuration to control flow from port 2 to port 1. A reverse flow check will allow flow from 1 to 2 in the closed condition. In the open condition, flow from 1 to 2 will cause the valve to auto-close and pilot flow will pass from 1 to 2.

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar	
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.@350 bar	
Check Cracking Pressure	3,5 bar	
Viscosity Range	2,8 - 380 cSt	
Response Time - Typical	50 ms	
Switching Frequency	15,000 max. cycles/hr	
Seal kit - Cartridge	Buna: 990162007	
Seal kit - Cartridge	Viton: 990162006	

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: DFBFXCN

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	* Additional coil ontions are available

- D Twist/Lock (Dual) Manual Override
- L Twist/Lock (Detent) Manual Override
- M Manual Override
- P Manual Pull Override
- T Twist (Momentary) Manual Override

* Additional coil options are available

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