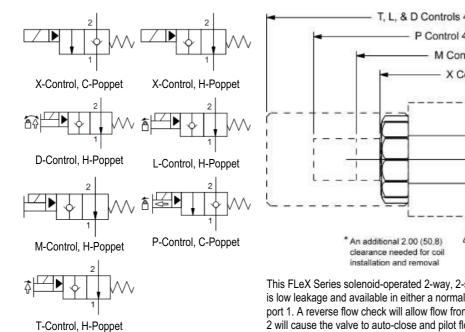


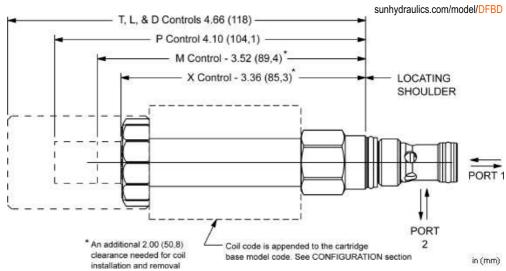
**DFBD** 

FLeX Series 2-way, 2-stage, solenoid-operated directional poppet valve with reverse flow check - flow 2-1, 3000 psi (210 bar)

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	210 bar	
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.@210 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**

CONTROL

- 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: DFBDXCN**

		Х	No	Manual	Override	
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- (X) POPPET CONFIGURATION
- (C) SEAL MATERIAL
- (N) COIL \*

C Normally Closed

H Normally Open

N Buna-N **V** Viton

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

\* Additional coil options are available

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