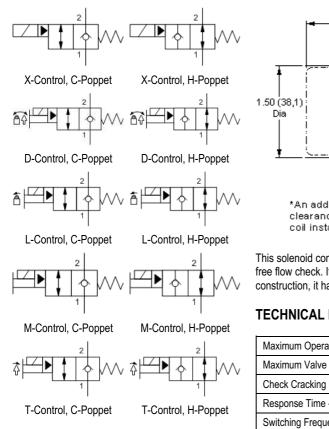
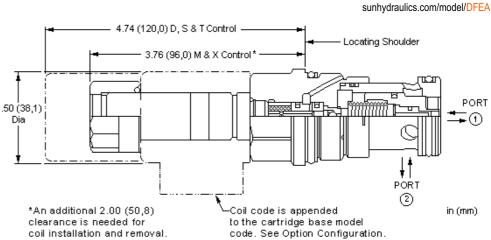
## <mark>sun</mark> hydraulics







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			
Maximum Valve Leakage at 110 SUS (24 cSt)	0,7 cc/min.@350 bar			
Check Cracking Pressure	3,5 bar			
Response Time - Typical	30 ms			
Switching Frequency	15,000 max. cycles/hr			
Seal kit - Cartridge	Buna: 990016007			
Seal kit - Cartridge	EPDM: 990016014			
Seal kit - Cartridge	Viton: 990016006			

 Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances. NOTES

• An additional 2.00 inches (50,8 mm) beyond the valve extension is needed for coil installation and removal.

## **CONFIGURATION OPTIONS**

## Model Code Example: DFEAXCN

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		E EPDM		212 DIN 43650-Form A, 12 VDC
L Twist/Lock (Detent) Manual Overrid	е			V Viton		224 DIN 43650-Form A, 24 VDC
Manual Override						912 Deutsch DT04-2P, 12 VDC
T Twist (Momentary) Manual Override	;					924 Deutsch DT04-2P, 24 VDC

\* Additional coil options are available