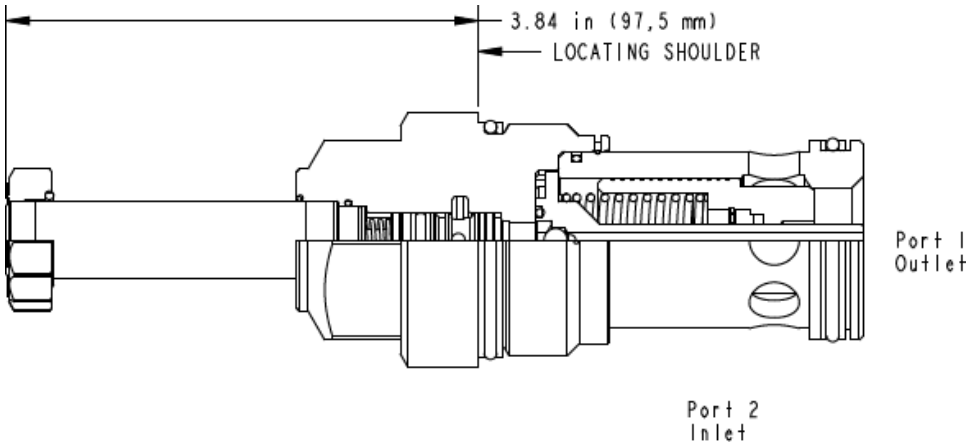


X-Control, C-Poppet



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. This valve is designed to be used with 740 and 747 Series coils.

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

Maximum Operating Pressure	5000 psi
Check Cracking Pressure	50 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	10 drops/min.@5000 psi
Response Time - Typical	30 ms
Switching Frequency	15,000 max. cycles/hr
Seal kit - Cartridge	Buna: 990-018-007
Seal kit - Cartridge	EPDM: 990-018-014
Seal kit - Cartridge	Viton: 990-018-006

- 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: DFFJXCN**

CONTROL	(X)	POPPET CONFIGURATION	(C)	SEAL MATERIAL	(N)	COIL *
<b>X</b> No Manual Override		<b>C</b> Normally Closed		<b>N</b> Buna-N		No coil
<b>D</b> Twist/Lock (Dual) Manual Override		<b>H</b> Normally Open		<b>E</b> EPDM		* Additional coil options are available
<b>L</b> Twist/Lock (Detent) Manual Override				<b>V</b> Viton		
<b>M</b> Manual Override						
<b>T</b> Twist (Momentary) Manual Override						