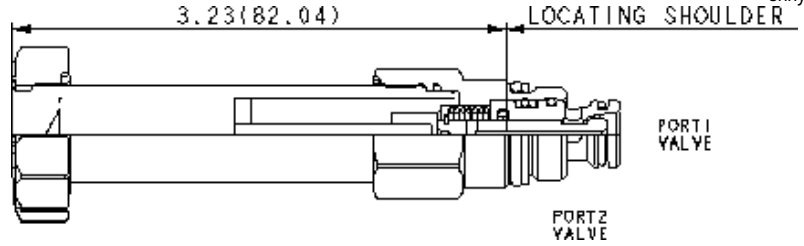


X-Control, C-Poppet



**CONFIGURATION**

<b>X</b>	Control	No Manual Override
<b>C</b>	Poppet Configuration	Normally Closed
<b>N</b>	Seal Material	Buna-N
<b>(none)</b>	Coil	No coil

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	350 bar
Response Time - Typical	50 ms
Maximum Valve Leakage at 110 SUS (24 cSt)	0.07 cc/min.@350 bar
Viscosity Range	2,8 - 380 cSt
Switching Frequency	15,000 max. cycles/hr
Seal kit - Cartridge	Buna: 990608007
Seal kit - Cartridge	Viton: 990608006

**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: DTAFXCN**

<b>CONTROL</b>	<b>(X)</b>	<b>POPPET CONFIGURATION</b>	<b>(C)</b>	<b>SEAL MATERIAL</b>	<b>(N)</b>	<b>COIL *</b>
<b>X</b> No Manual Override		<b>C</b> Normally Closed		<b>N</b> Buna-N		No coil
<b>M</b> Manual Override		<b>H</b> Normally Open		<b>V</b> Viton		* Additional coil options are available