



This FLeX Series, solenoid-operated 2-way, 2-position cartridge is a direct-acting directional poppet valve with a soft shift feature. 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	5000 psi
Manual Override Force Requirement	10 lbs/1000 psi @ Port 1
Maximum Valve Leakage at 110 SUS (24 cSt)	0.004 in ³ /min.@5000 psi
Viscosity Range	35 - 2000 SUS
Seal kit - Cartridge	Buna: 990-608-007
Seal kit - Cartridge	Viton: 990-608-006
U.S. Patent #	10,302,201

CONFIGURATION OPTIONS

Model Code Example: **DTAFSCN**

POPPET CONFIGURATION

(C)

SEAL MATERIAL

(N)

COIL *

- C** Normally Closed
- H** Normally Open

- N** Buna-N
- E** EPDM
- V** Viton

No coil

* Additional coil options are available