



This valve is a 2-way, 2-position proportional throttle. Ports 2 and 3 are normally closed. Pilot pressure at port 1 creates a metering orifice between port 2 and 3 that is proportional to the pressure at 1. The force balance of the flow forces, spring and pilot pressure results in a degree of partial self-compensation as the load pressure changes. Pressure at port 4 directly opposes pressure at port 1.

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

Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	4 in ³ /min.@1000 psi
Minimum Pilot Pressure to Operate	100 psi
Pilot Volume Displacement	.10 in ³
Hysteresis	± 2 %
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-023-007
Seal kit - Cartridge	Polyurethane: 990-023-002
Seal kit - Cartridge	Viton: 990-023-006

CONFIGURATION OPTIONS

Model Code Example: **FKFAXCN**

CONTROL

(X)

SPOOL CONFIGURATION

(C)

SEAL MATERIAL

(N)

X Not Adjustable

C Normally Closed

N Buna-N

L Tuning Adjustment

V Viton