



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	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	30 cc/min.@70 bar
Pilot Volume Displacement	.03 in <sup>3</sup>
Minimum Pilot Pressure to Operate	7 bar
Hysteresis	± 2 %
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990022002
Seal kit - Cartridge	Polyurethane: 990022002
Seal kit - Cartridge	Viton: 990022006

**CONFIGURATION OPTIONS**

**Model Code Example: FKDAXCN**

<b>CONTROL</b>	<b>(X)</b>	<b>SPOOL CONFIGURATION</b>	<b>(C)</b>	<b>SEAL MATERIAL</b>	<b>(N)</b>
<b>X</b> Not Adjustable		<b>C</b> Normally Closed		<b>N</b> Buna-N	
<b>L</b> Tuning Adjustment				<b>V</b> Viton	