



This valve is a 3-way, 3-position proportional directional valve. Port 3 is closed in the center position and port 2 and port 4 are drained to port 1. Pilot pressure at port 1 creates a metering orifice between ports 3 and 4 that is proportional to the pressure at 1. Piloting 6 opens 3 to 2. The force balance of the flow forces, spring and pilot pressure results in a degree of partial self-compensation as the load pressure changes.

Port 5 is not used.

**TECHNICAL DATA**

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

Minimum Pilot Pressure Required to Shift Valve	5,5 bar
Pilot Pressure Required for Full Shift at Rated Flow	20 bar
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	30 cc/min.
Pilot Volume Displacement	0,66 cc
Hysteresis	± 2 %
Seal kit - Cartridge	Buna: 990052007
Seal kit - Cartridge	Viton: 990052006

**CONFIGURATION OPTIONS**

**Model Code Example: FTCHXCN**

<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>V</b> Viton