



### CONFIGURATION

<b>X</b> Control	Not Adjustable
<b>C</b> Spool Configuration	Normally Closed
<b>N</b> Seal Material	Buna-N
	Material/Coating

This valve is a 2-way, 2-position proportional throttle. Ports 2 and 3 are normally closed. Pilot pressure at port 1 opposes the spring and creates a variable 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. The valve uses a dual-path design. Ports 2 and 3 incorporate a double-port area.

### TECHNICAL DATA

Maximum Operating Pressure	5000 psi
Pilot Pressure Required for Full Shift at Rated Flow	290 - 340 psi
Adjustment - No. of CCW Turns from Fully Closed to Fully Open	5
Maximum Valve Leakage at 110 SUS (24 cSt)	5 in <sup>3</sup> /min. @1000 psi
Pilot Volume Displacement	.05 in <sup>3</sup>
Hysteresis	35 %
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-152-007
Seal kit - Cartridge	Viton: 990-152-006

**NOTES:** • When installed in Sun's standard T-52A line mount manifold, plug unused ports and expect higher pressure drops.

### CONFIGURATION OPTIONS

Model Code Example: **FTCAXCN**

CONTROL	(X)	SPOOL CONFIGURATION	(C)	SEAL MATERIAL	(N)	MATERIAL/COATING
<b>X</b> Not Adjustable		<b>C</b> Normally Closed		<b>N</b> Buna-N		Standard Material/Coating
<b>L</b> Stroke Adjustment				<b>V</b> Viton		<b>LH</b> Mild Steel, Zinc-Nickel