

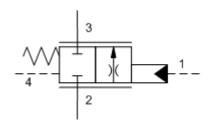


2-way, pilot-shifted, dual path, proportional throttle

CAPACITY: 15 gpm / CAVITY: T-52AD

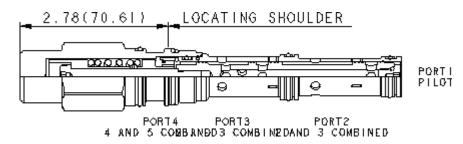


sunhydraulics.com/model/FTCA



CONFIGURATION

Х	Control	Not Adjustable			
С	Spool Configuration	Normally Closed			
N	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

	<u> </u>
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 in³/min.@1000 psi
Pilot Volume Displacement	.05 in ³
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	
X Not Adjustable		C Normally Closed		N Buna-N		Standard Material/Coating	
L Stroke Adjustment				V Viton		/LH Mild Steel, Zinc-Nickel	

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