

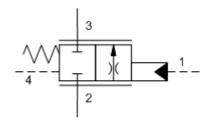


2-way, pilot-shifted, dual path, proportional throttle

CAPACITY: 50 gpm / CAVITY: T-53AD

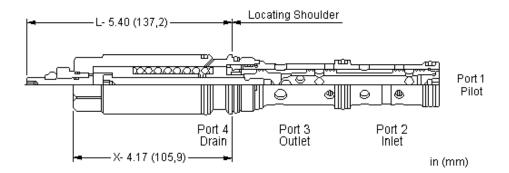


sunhydraulics.com/model/FTFA



CONFIGURATION

L	Control	Stroke Adjustment
	Spool Configuration	
	Seal Material	
	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)	10 in³/min.@1000 psi			
Pilot Volume Displacement	.10 in ³			
Hysteresis	35 % 9/16 in.			
Locknut Hex Size				
Locknut Torque	80 - 90 lbf in.			
Seal kit - Cartridge	Buna: 990-053-007			
Seal kit - Cartridge	Viton: 990-053-006			

NOTES: • When installed in Sun's standard T-53A line mount manifold, plug unused ports and expect higher pressure drops.

CONFIGURATION OPTIONS	Model Code Example: FTFALXCN							
CONTROL	(L)	SPOOL CONFIGURATION	(C)	SEAL MATERIAL	(V)	MATER	RIAL/COATING	(/LH)
L Stroke Adjustment		C Normally Closed		V Viton		/LH	Mild Steel, Zinc-Nickel	
X Not Adjustable				N Buna-N	_	/AP	Stainless Steel, Passivated	
							Standard Material/Coatir	ıg

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