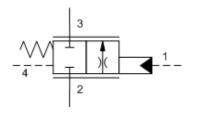


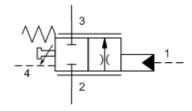


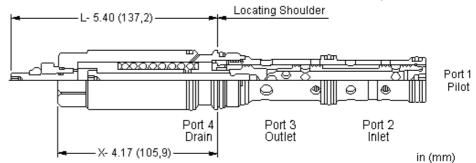
## 2-way, pilot-shifted, dual path, proportional throttle SERIES 3 / CAPACITY: 200 L/min. / CAVITY: T-53AD



sunhydraulics.com/model/FTFA







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**

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

Pilot Pressure Required for Full Shift at Rated Flow	20 - 23 bar
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	160 cc/min.@70 bar
Pilot Volume Displacement	1,6 cc
Adjustment - No. of CCW Turns from Fully Closed to Fully Open	5
Hysteresis	35 %
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990053007
Seal kit - Cartridge	Viton: 990053006

**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: FTFAXCN

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
 /AP Stainless Steel, Passivated

 /LH Mild Steel, Zinc-Nickel

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