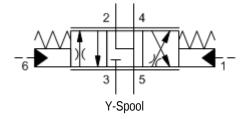
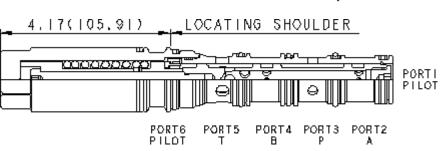


4-way, 3-position, meter in proportional directional valve CAPACITY: 12 gpm / CAVITY: T-53A



sunhydraulics.com/model/FTEC





This valve is a 4-way, 3-position proportional directional valve. Work ports 2 and 4 are drained to 5 in the center position and port 3 is closed. Pilot pressure at port 1 opposes the spring and creates a variable 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. Pressure at ports 1 and 6 directly oppose each other.

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

| Maximum Operating Pressure | 5000 psi |
|--|---------------------|
| Pilot Pressure Required for Full Shift at Rated Flow | 290 - 340 psi |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 8 in³/min.@1000 psi |
| Pilot Volume Displacement | .11 in ³ |
| Hysteresis | 35 % |
| Seal kit - Cartridge | Buna: 990-053-007 |
| Seal kit - Cartridge | Viton: 990-053-006 |

CONFIGURATION OPTIONS

CONTROL

Model Code Example: FTECXYN SPOOL CONFIGURATION (Y)

(X)

(Y) SEAL MATERIAL

(N) MATERIAL/COATING

X Not Adjustable

Y A and B to T CenterW A and B Bleed to T Center

N Buna-NV Viton

IAP Stainless Steel, Passivated

Standard Material/Coating