

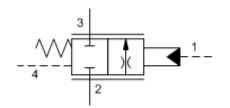


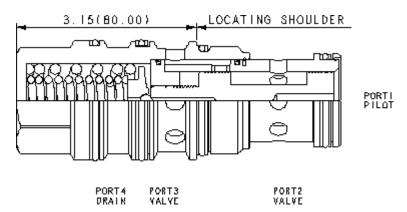
2-way, pilot-shifted, proportional throttle

CAPACITY: 40 gpm / CAVITY: T-24A



sunhydraulics.com/model/FKHA





This valve is a 2-way, 2-position proportional throttle. Ports 2 and 3 are normally closed. Pilot pressure at port 1 creates a 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.

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

Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	6 in³/min.@1000 psi
Minimum Pilot Pressure to Operate	100 psi
Pilot Volume Displacement	.20 in ³
Hysteresis	± 2 %
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-024-007
Seal kit - Cartridge	Polyurethane: 990-024-002
Seal kit - Cartridge	Viton: 990-024-006

CONFIGURATION OPTIONS
CONTROL

Model Code Example: FKHAXCN

(X) SPOOL CONFIGURATION (C) SEAL MATERIAL (N) MATERIAL/COATING

 X
 Not Adjustable
 C
 Normally Closed
 N
 Buna-N
 Standard Material/Coating

 L
 Tuning Adjustment
 V
 Viton
 /AP
 Stainless Steel, Passivated

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