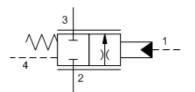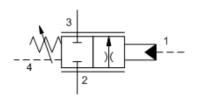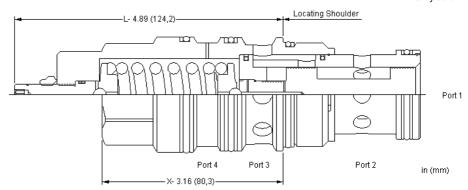**sun hydraulics®**

MODEL
FKIA

2-way, pilot shifted, proportional throttle, high capacity
SERIES 4 / CAPACITY: 240 L/min. / CAVITY: T-24A

snhy.com/FKIA

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	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	98 cc/min.@70 bar
Pilot Volume Displacement	3,3 cc
Minimum Pilot Pressure to Operate	7 bar
Hysteresis	± 2 %
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990024007
Seal kit - Cartridge	Polyurethane: 990024002
Seal kit - Cartridge	Viton: 990024006

CONFIGURATION OPTIONS

Model Code Example: FKIAXCN

CONTROL (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