

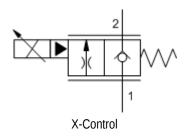


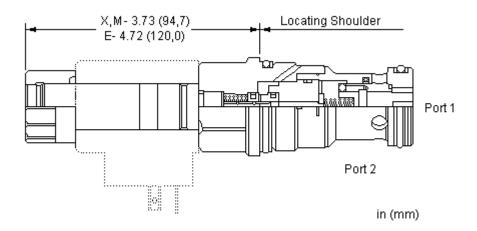
Pilot-operated, normally closed, electro-proportional throttle with reverse flow check

CAPACITY: 60 gpm / CAVITY: T-16A



sunhydraulics.com/model/FPHK





This valve is a pilot-operated, normally closed, electro-proportional throttle with reverse free-flow check. Energizing the coil generates an opening force on the pilot stage which vents the main stage poppet to open proportionally. Metered flow is from port 1 to port 2 with reverse free flow from port 2 to port 1.

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

Recommended dither frequency	d dither frequency 100 Hz	
Deadband, nominal (as a percentage of input)	25%	
Manual Override Force Requirement	5 lbs/1000 psi @ Port 1	
Manual Override Stroke	.06 in.	
Maximum Valve Leakage at 110 SUS (24 cSt)	20 drops/min.@5000 psi	
Seal kit - Cartridge	Buna: 990-016-007	
Seal kit - Cartridge	EPDM: 990-016-014	
Seal kit - Cartridge	Polyurethane: 990-016-002	
Seal kit - Cartridge	Viton: 990-016-006	

COIL \*

(N)

## **CONFIGURATION OPTIONS**

Model Code Example: FPHKXN

CONTROL (X) SEAL MATERIAL

Х	No Manual Override	N	Buna-N		No coil
Е	Twist (Extended) Manual Override	Е	EPDM	*	Additional coil options are available
М	Manual Override	٧	Viton		

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