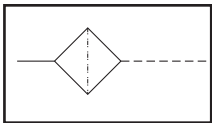


HIL-Series, Hydraulic Inline Filter



The HIL-Series inline filter is used to protect high-pressure hydraulic systems up to 5,000 PSI. When installed at the pressure side of a pump, the sintered bronze filter element can trap all debris larger than 25um to prevent damage to the valves in the system. The design and performance is similar to the HIF-Series filters, but allows the filter element to be removed without breaking the line connections. Filter cleaning or replacement is as easy as unscrewing the filter access cap.

Symbol



The strong yet lightweight anodized aluminum housing can be ordered with special viton O-rings for oil systems where chemical action or heat may be a problem for the standard Buna "N" O-rings. The standard 25um sintered bronze filter element can be easily cleaned or replaced. Filter elements also available in pore size of 10, 40 or 90um.

REPLACEMENT FILTER ELEMENT KIT

FILTER TYPE	ELEMENT & SEAL KIT	UNIT PACK
HIF-28, HIF-38 HIF-SAE#6, HIF-SAE#8 All HIL-Series	REK2 (25 micron) REK2-10 (10 micron) REK2-40 (40 micron) REK2-90 (90 micron)	5
Above with Viton Seal	REK2V (25 micron) REK2V-10 (10 micron) REK2V-40 (40 micron) REK2V-90 (90 micron)	5
HIF-48 & HIF-68	REK4 (25 micron) REK4-10 (10 micron) REK4-40 (40 micron) REK4-90 (90 micron)	5
Above with Viton Seal	REK4V (25 micron) REK4V-10 (10 micron) REK4V-40 (40 micron) REK4V-90 (90 micron)	5

REPLACEMENT SPRING KIT

FILTER TYPE	SPRING KIT	UNIT PACK
HIF-28, HIF-38, HIF-SAE#6, HIF-SAE#8	RSK2	5
All HIL-Series	RSK2T	5
HIF-48 and HIF-68	RSK4	5

SPECIFICATIONS

ITEM	MODEL	HIL-28	HIL-38	HIL-SAE#6
CONNECTION	NPT	1/4"	3/8"	9/16"-18 SAE
OVERALL LENGTH	IN.	3-3/16"	3-3/16"	3-3/16"
DIAMETER	IN.	2-1/2"	2-1/2"	2-1/2"
MATERIAL	BODY	ANODIZED ALUMINUM		
	ELEMENT	SINTERED BRONZE (25 um standard, 10, 40 and 90 um available)		
MAX OPERATING PRESSURE		5,000 PSI (350 kg/cm ²)		
OPERATING TEMPERATURE		Standard Buna "N": 35°~ 200°F (1.7°~ 93°C), Optional Viton: 35°~ 400°F (1.7°~ 204°C)		
UNIT PACK	EA.	2	2	2

HOW TO ORDER

HIL	—	□ □	—	□ □	—	□
Hydraulic	Connection		Element Porosity		O-Ring Type	
Inline Filter	28 = 1/4"		None = 25um		None = Buna "N"	
L-Type	38 = 3/8"		10 = 10um		V = Viton	
	SAE#6 = 9/16"-18		40 = 40um			
			90 = 90um			

FLOW CHARACTERISTICS

