

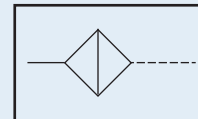
# HIF-Series Hydraulic Inline Filter



The HIF-Series Hydraulic inline filter is used to protect high-pressure hydraulic systems up to 3,000 PSI. When installed at the pressure side of a pump, the sintered bronze filter element can trap all debris larger than the 25um to prevent damage to the valves in the system. The conical shaped sintered bronze element is positioned by a retaining spring to allow true, uninterrupted axial flow while protecting against system crashing by increasing pressure drop across the filter.

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 are also available in pore sizes of 10, 40 or 90 microns.

### SYMBOL



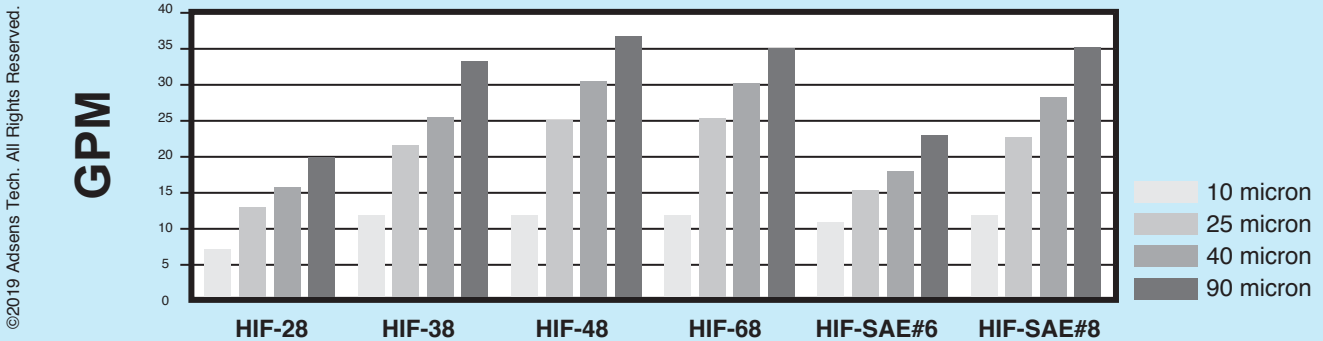
### HOW TO ORDER

<b>HIF</b>	□ □	□ □	□
<b>Hydraulic In-line Filter</b>	<b>Connection</b>	<b>Element Porosity</b>	<b>O-Ring Type</b>
	28 = 1/4", 38 = 3/8"	None = 25um	None = Buna "N"
	48 = 1/2", 68 = 3/4"	10 = 10um	V = Viton
	SAE#6 = 9/16"-18	40 = 40um	
	SAE#8 = 3/4"-16	90 = 90um	

**California Proposition 65 Warning**  
 WARNING: This product can expose you to chemicals, including lead, which is known to the state of California to cause Cancer, Birth Defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

### FLOW CHARACTERISTICS

25 PSIG Pressure Drop @100 PSIG



### SPECIFICATIONS

ITEM	MODEL	HIF-28	HIF-38	HIF-48	HIF-68	HIF-SAE#6	HIF-SAE#8
CONNECTION	NPT	1/4"-18	3/8"-18	1/2"-14	3/4"-14	9/16"-18	3/4"-16
OVERALL LENGTH	IN.	3-3/16"	3-3/16"	4-15/16"	4-15/16"	3-1/4"	3-1/4"
HEX	IN.	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
MATERIAL	BODY	ANODIZED ALUMINUM					
	ELEMENT	SINTERED BRONZE (25 um standard, 10, 40 and 90 um available)					
MAX OPERATING PRESSURE		3,000 PSI (210 kg/cm <sup>2</sup> )					
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	2	2	2

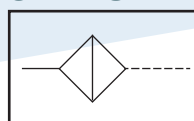
# HIL-Series Hydraulic Inline Filter

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 allow the filter element to be removed without breaking the line connections. Filter cleaning or replacement is as easy as unscrewing the filter access cap.

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 90 microns.



### SYMBOL



### California Proposition 65 Warning

**WARNING:** This product can expose you to chemicals, including lead, which is known to the state of California to cause Cancer, Birth Defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

## 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

## HOW TO ORDER

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

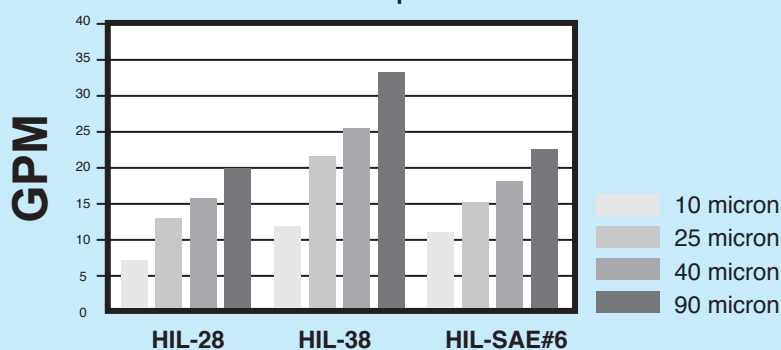
## REPLACEMENT SPRING KIT

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

## FLOW CHARACTERISTICS

25 PSIG Pressure Drop @100 PSIG

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## SPECIFICATIONS

ITEM	MODEL	HIL-28	HIL-38	HIL-SAE#6
CONNECTION	NPTM	1/4"-18	3/8"-18	9/16"-18
OVERALL LENGTH	IN.	3-3/16"	3-3/16"	3-3/16"
HEX	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 <sup>2</sup> )		
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