



6220 Series Filter Assemblies

Description

Flows to 40 gpm (150 L/min)
Pressures to 150 psi (10 bar)
Port size: 1"

Specifications

Temperature Range:

Nitrile seals -45°F to 225°F (-43°C to 107°C)
Fluorocarbon seals -20°F to 250°F (-29°C to 120°C)
140°F (60°C) maximum in HWCF or water-glycol fluids

Maximum Operating Pressure:

150 psi (10 bar)

Typical Burst Pressure:

1200 psi (83 bar)

Filter Element Collapse Pressure:

290 psid (20 bar) minimum

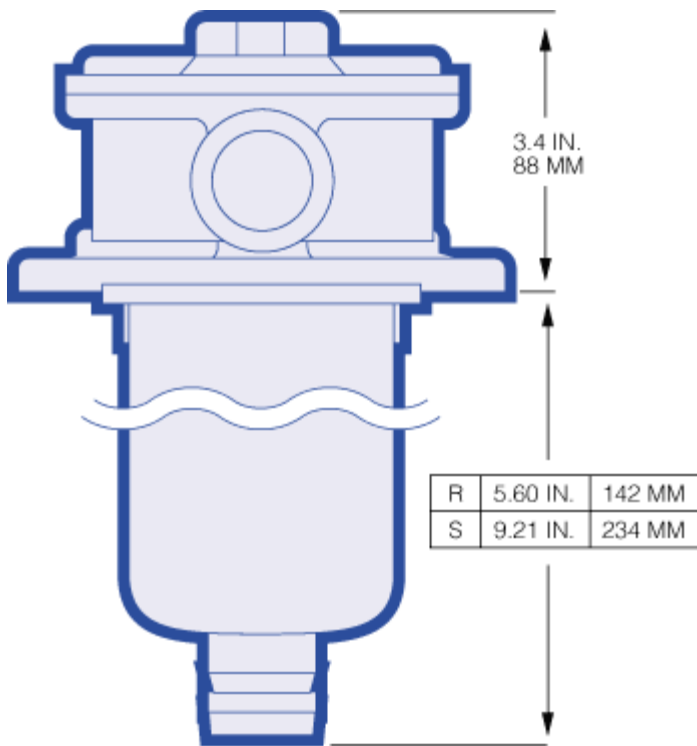
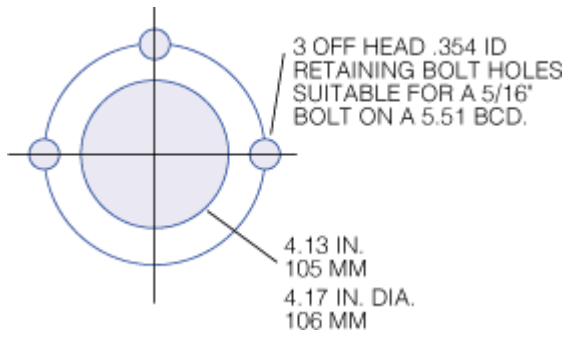
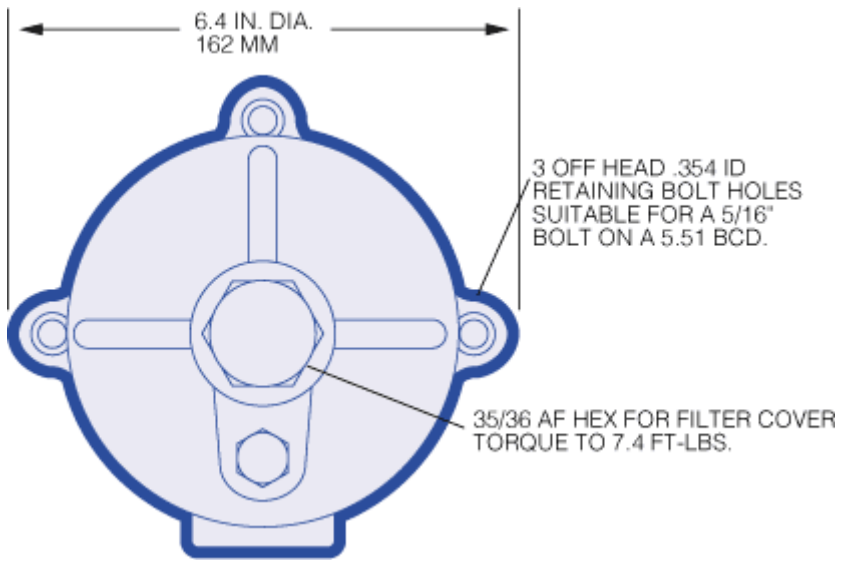
Fluid Compatibility:

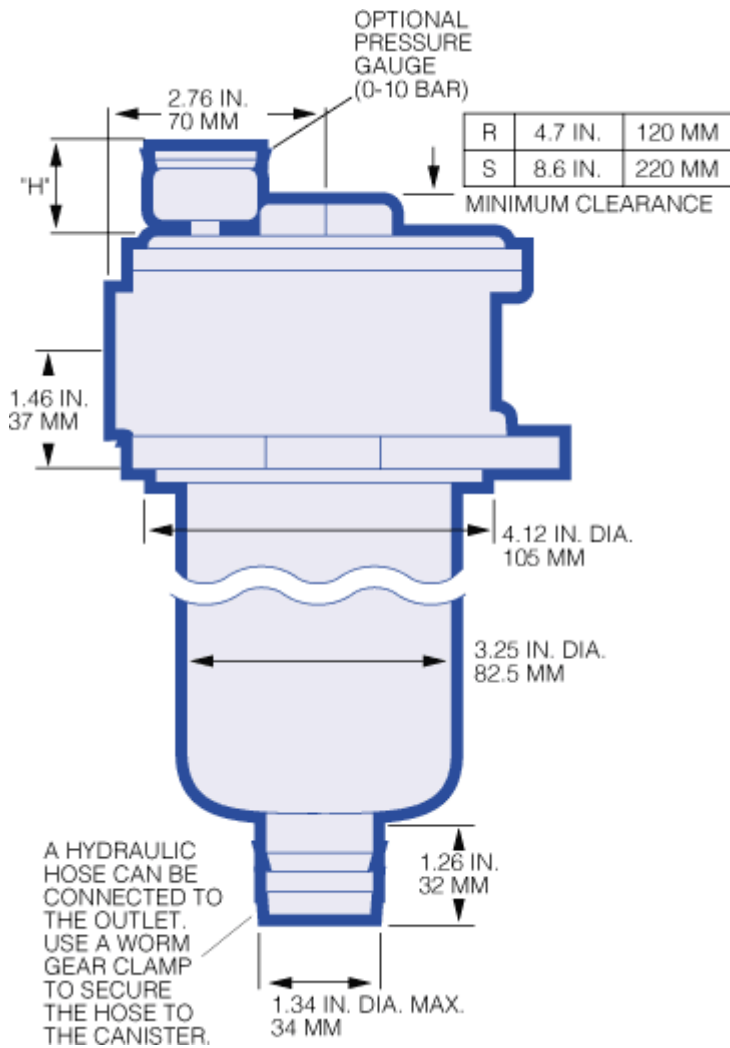
Petroleum oils, water glycols, water-oil emulsions, and HWCF.
Fluorocarbon seals required for industrial phosphate esters, diesters, and specified synthetics. 140°F (60°C) max in water containing fluids.

Materials of Construction:

Aluminum alloy head, cover and canister

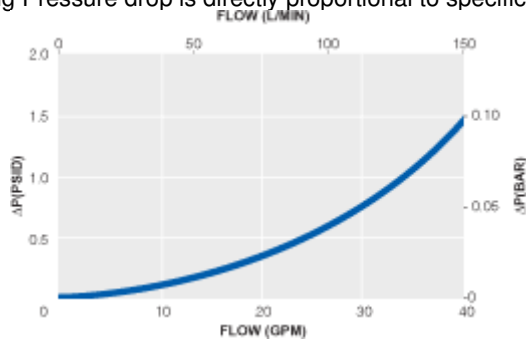
Dimensional Drawings





Performance

Figure 1. Housing Pressure Drop using fluid with 0.9 S.G.
 Housing Pressure drop is directly proportional to specific gravity.



Element Pressure Drop Factor.

Multiply actual flow rate times factor to determine pressure drop with fluid at 150 SUS (32 cSt), 0.9 S.G. Correct for other viscosities by multiplying new viscosity in SUS/150 x new S.G./0.9.

Length	KZ	KP	KN	KS	KT
4"	1.1	0.56	0.30	0.19	0.14
8"	0.53	0.27	0.15	0.10	0.07

Ordering Information

Assembly P/N: H 6220 A 16 B
Table1 Table2 Table3 Table4

Element P/N: HC 6200 F
Table2 Table3 Table1

Note: Choose from the options in the following tables to compile the specific Product Number.

TABLE 1: SEAL OPTIONS

Code	Seals
H	Nitrile
Z	Fluorocarbon

TABLE 2: FILTER ELEMENT OPTIONS

Code	$\beta_x \geq 200$	$\beta_{x(c)}=1000$
KZ	<1	2.5
KP	3	5
KN	6	7
KS	12	12
KT	25	22

TABLE 3: LENGTH OPTIONS*

Assembly Code	Element Code**	Assembly Dry Wt. (lbs.)
R	4	2.2
S	8	2.4

* Use code in second column for element part no.
** Nominal length in inches.

TABLE 4: Δ P DEVICE OPTIONS

Code	Δ P Option	H Dim.
G	Pressure gauge (0-150 psi)	1.25" (32 mm)
B	Plugged 1/8" NPT gauge port supplied	0.5" (12 mm)

8 Electrical absolute pressure switch. 2.7" (69 mm)
Electrical ratings suffix 24 volts DC-24 DC
220 volts AC-220 AC

Contact Information

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