

2035 Series High Pressure Filter Assemblies

Features

- High collapse 4500 psid (310 bard) filter element using Rigimesh® stainless steel medium
- Flows to 38 lpm (10 gpm)
- Port sizes: 3/8" NPT, 1/2" NPT

Notes and Specifications

Maximum working pressure:
6,000 psi (413 bar)

Typical burst pressure:
min. 24,000 psi (1655 bar)

Temperature rating:
-10°F (-23°C) to 225°F (107°C)

Materials of Construction:

Head and Body: Stainless Steel
 Seal material: PTFE encapsulated fluorocarbon
 (Nitrile and Chloroprene also available)

Filter element collapse pressure: 4500 psid (310 bard)
 Element construction: Rigimesh all stainless steel (no resin binders) medium, stainless steel end caps

Seal Material: Chloroprene, Nitrile, PTFE encapsulated fluorocarbon

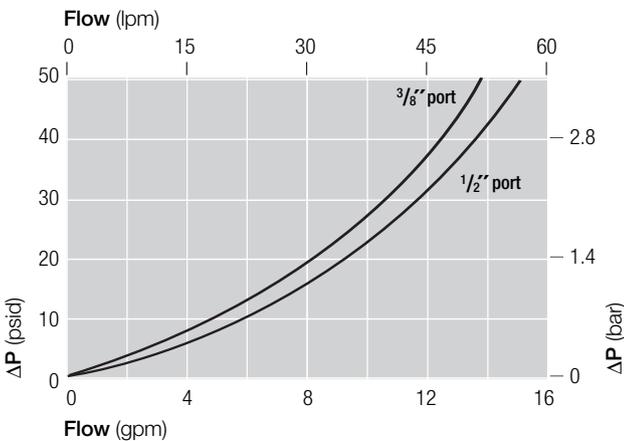


Pressure Drop Information

Housing Pressure Drop

Fluid at 14.3 cSt (75 SUS), 0.88 S.G.

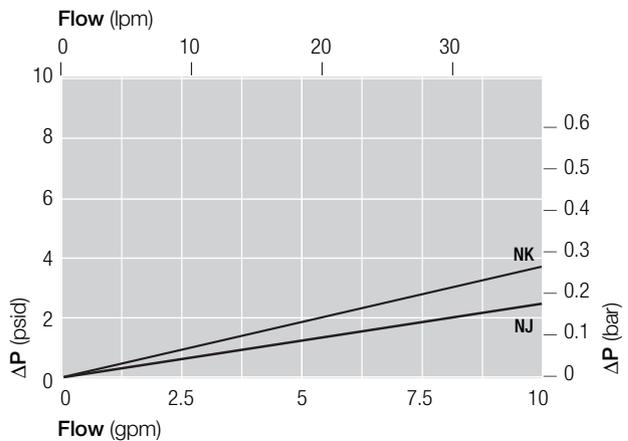
Housing pressure drop is directly proportional to specific gravity.



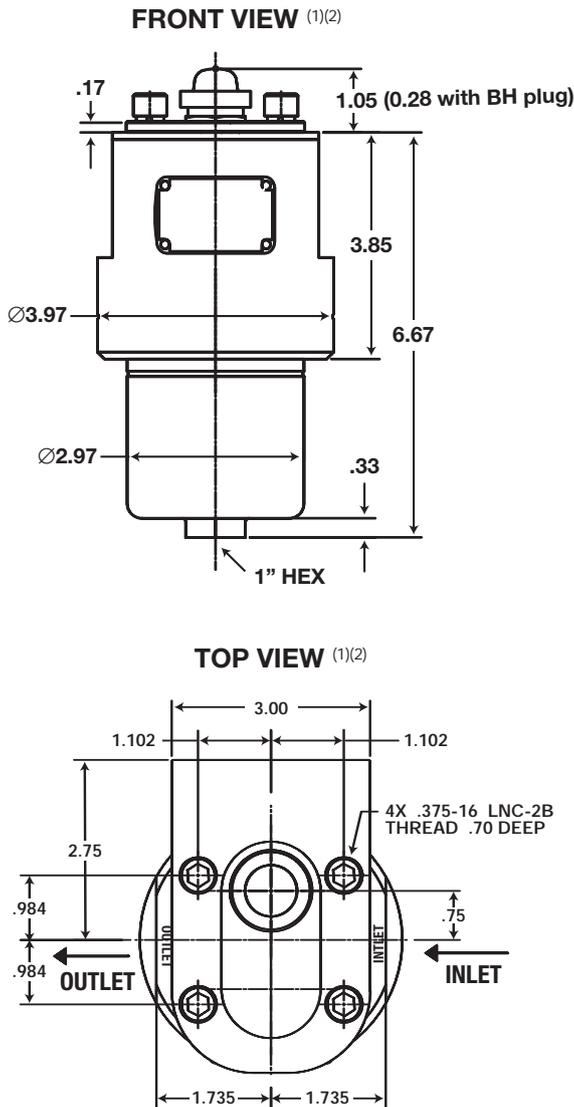
Element Pressure Drop

Fluid at 14.3 cSt (75 SUS), 0.88 S.G.

Correct for other fluids by multiplying new viscosity in cSt/14.3 (SUS/75) x new S.G./0.88.



Dimensional Drawings



Part Numbers/Ordering Information

H ◆ 2035 ▼ ■ ● ✕ ❖ ■ (e.g., HZ2035B06NKRWE1)

Code	Seal Material
◆	
H	Nitrile
P	Chloroprene
Z	PTFE encapsulated fluorocarbon

Code	Bypass Valve Type
✕	
W	Non-bypass, (100 psid indicator setting where equipped)

Code	Type of Port
▼	
B06	3/8" NPT
B08	1/2" NPT

Code	ΔP Device Options
❖	
E	visual, 6,000 psi rated
0	No port
BH	Plug

Code	Filter Media Grade Options
■	
NK	5 μm
NJ	10 μm
++	Housing only

Code	Additional Options
■	
Omit	None
1	Mounting bracket assembly

Code	Length (nominal)
●	
R	4"

Rigimesh Element Part Number

HC2035E ■ 4 ◆ Y923 (e.g., HC2035ENK4ZY923)

Code	Filter Media Grade Options
■	
NK	5 μm ⁽³⁾
NJ	10 μm ⁽³⁾

Code	Seal Material
◆	
H	Nitrile
P	Chloroprene
Z	PTFE encapsulated fluorocarbon

¹ Dimensions are in inches.

² 3.0" required for element removal.

³ 98% efficiency.



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