

EHHB Series

● DESCRIPTION

Return filter

Connection type and size:

BSP Threaded connection: G1½" G2" G2½"

SAE Flange connection: G1½" G2" G2½"

Maximum flow rate up to 760 l/min

● TECHNICAL PARAMETER

Maximum working pressure: 25 bar

Bypass valve opening pressure: 4.5 bar

Transmitter opening pressure: 2.4 bar

Temperature rang: -29 to +120

● MATERIALS

Head: Cast iron

Filter bowl: Stainless steel

Seals: NBR nitrile rubber (standard)

Or FKM fluororubber (customizable)

Filter element material: Fiberglass



● MEDIA COMPATIBILITY

Suitable for mineral oil, lubricating oil, fire-resistant oil, and rapidly biodegradable media.
(If used for water-based or special media, please consult our sales department.)

Ordering Options Table

		EHHB	319	F24	13	12	N	B	N	B
Filter type										
Filter specification										
Connection type and size										
Type	Connection	Filter size								
		08	13	20	40					
C24	BSP 1 1/2"	●	●	●	●					
F24	SAE 1 1/2"	●	●	●	●					
C32	BSP 2"	●	●	●	●					
F32	SAE 2"	●	●	●	●					
C40	BSP 2 1/2"	●	●	●	●					
F40	SAE 2 1/2"	●	●	●	●					
ISO 6162 Flange										
Filter element length										
08" 13" 20" 40"										
Filter fineness(μm)										
2.5 5 7 12 22										
Seals										
N:NBR V: FKM										
Bypass valve opening pressure										
B = 3.4 bar										
N = Without bypass valve										
Entrance port options										
N = Without entrance										
S = 1 1/4 Port (same type as main entrance)										
Differential pressure transmitter										
W: No port										
A: Steel blanking plug in indicator port										
B: Visual										
C: Electrical switch										
D: Visualandelectrical										

Filter Element

EYHB3191312N

Filter element type

Filter element specification

Filter element length

Filter fineness(μm)

Seals

08" 13" 20" 40"

2.5 5 7 12 22

N: NBR V: FKM

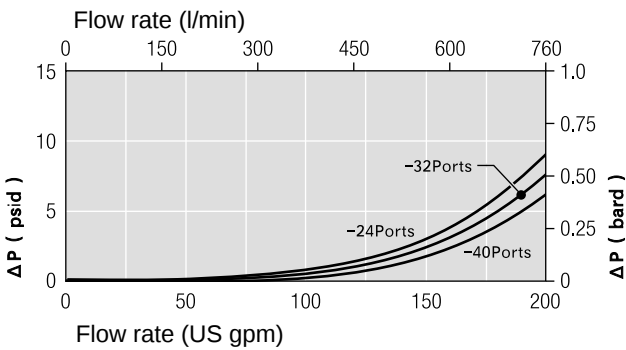
Maintenance Instructions

Filter housing must be grounded
When using electric plugging, please replace the filter element.
The system must be turned off before removing the clogging indicator light and power connector.

Differential pressure information

Differential pressure of filter housing with a fluid specific gravity of 0.9.

Housing pressure drop is directly proportional to specific gravity.



Filter element pressure difference

The actual flow rate is multiplied by the coefficient to obtain a filtration viscosity of 32 cSt (150 SUS).
The specific gravity is 0.9. The pressure difference of the filter element when the fluid is flowing.

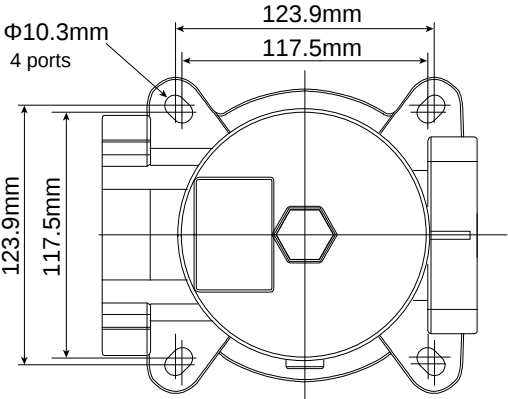
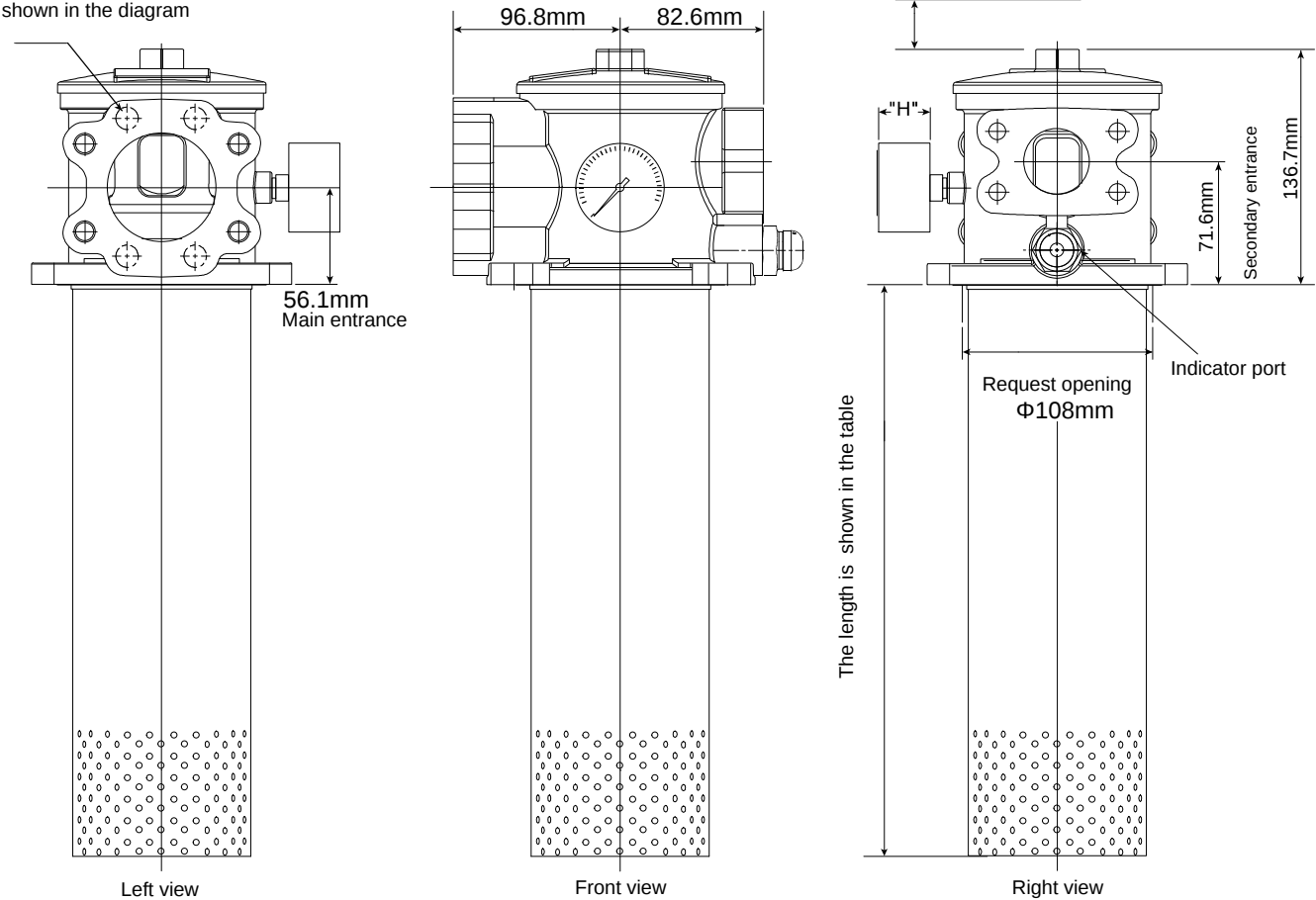
Note: The flow rate of the coefficient values in the table is 1000 l/min or 1 US gpm.

319 Series Filter Elements —bar/1000 l/min (psid/US gpm)

Length Code	2.5	5	7	12	22
08	5.52	2.30	1.82	1.32	0.82
13	3.31	1.38	1.09	0.79	0.49
20	2.18	0.91	0.72	0.52	0.33
40	1.10	0.46	0.36	0.26	0.16

DIMENSIONS

Port options: F24 and F32 are connected vertically as shown in the diagram



Length Code	Length inside the fuel tank mm	Filter element disassembly space mm
08	295	229
13	422	361
20	600	533
40	1108	1041