

EHHD Series

● DESCRIPTION

Return filter

Connection type and size:

SAE Flange connection: 1-1/2" 2" 2-1/2"

Maximum flow rate up to 1200 l/min

● TECHNICAL PARAMETER

Maximum working pressure: 28 bar

Bypass valve opening pressure: 3.4 bar

Transmitter opening pressure: 2.4 bar

Temperature range: -29 to +120

● MATERIALS

Head: Cast aluminium

Filter bowl: Aluminum alloy

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

	EHHD	8314	F40	X	12	N	B	C	1								
Filter type																	
Filter specification																	
Connection type and size																	
<table border="1"> <thead> <tr> <th>Type</th> <th>Connection</th> </tr> </thead> <tbody> <tr> <td>F24</td> <td>1 1/2"</td> </tr> <tr> <td>F32</td> <td>2"</td> </tr> <tr> <td>F40</td> <td>2 1/2"</td> </tr> </tbody> </table>	Type	Connection	F24	1 1/2"	F32	2"	F40	2 1/2"									
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U	16																
X	39																
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																	
Differential pressure transmitter																	
A: Steel blanking plug in indicator port EB: Visual (Automatic reset) E: Visual (Manual reset) R: Electrical indicator RL: Visual and electrical indicators M: Electrical indicator ML: Visual and electrical indicators																	
Installation holder options																	
Omit = Without holder 1 = U length is 2 holders X length is 3 holders																	

Filter Element

	EYHD	8314	39	12	N
Filter element type					
Filter element specification					
Filter element length					
16" 39"					
Filtration fineness(μm)					
2.5 5 7 12 22					
Seals					
N: NBR V: FKM					

Maintenance Instructions

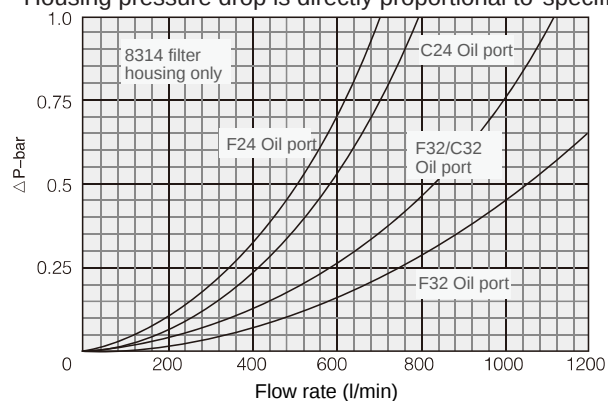
Filter housing must be grounded

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.

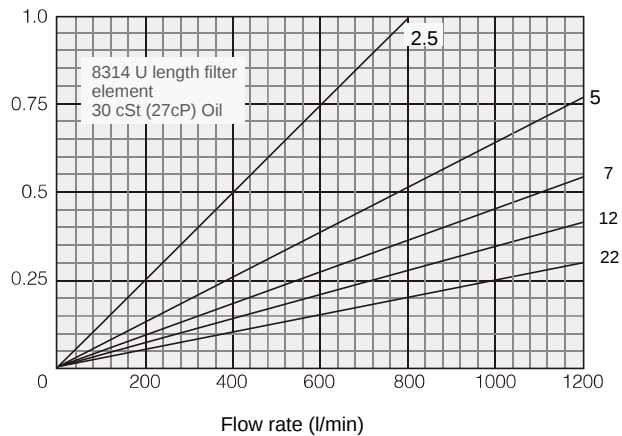


Filter element pressure difference

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.

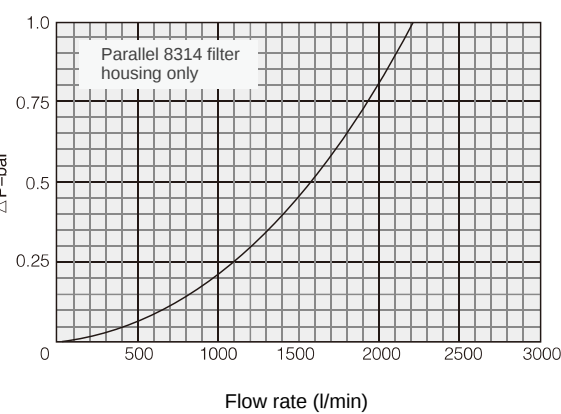
U Length filter element pressure drop:

The pressure drop of the filter element is proportional to the absolute viscosity.



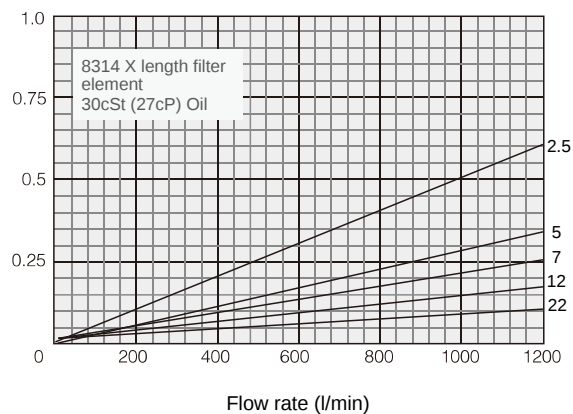
Parallel 8314 filter housing and oil pipe pressure drop:

Using an oil with a specific gravity of 0.9, the pressure drop is proportional to the specific gravity.



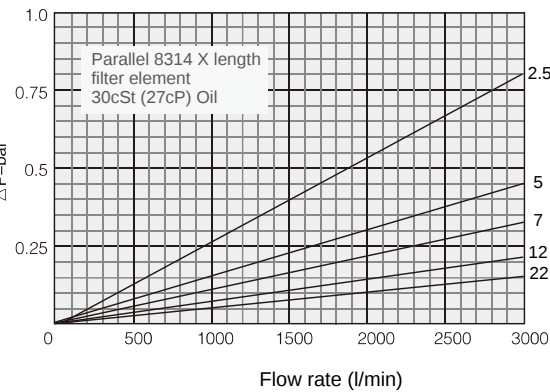
X Length filter element pressure drop:

The pressure drop of the filter element is proportional to the absolute viscosity.



Parallel 8314 filter element pressure drop:

Only X length. The pressure drop of the filter element is proportional to the absolute viscosity.



Flange mounting bolt size (press ISO6162)

Filter series	Type	Flange code	GG	Q	Z Screw thread	AA Depth
8314	F24	1 1/2"	35.7	69.8	M12-6H	25
	F32	2"	42.9	77.8	M12-6H	25
	F40	2 1/2"	50.8	88.9	M12-6H	25
8314 Duplex bowls	F48	3"	61.9	61.9	M16-6H	25

DIMENSIONS

