

EHGL Series

● DESCRIPTION

High pressure filter

Connection type and size:

BSP Threaded connection: G $\frac{3}{4}$ "

Top panel connection

Side panel connection

Maximum flow rate up to 80 l/min

● TECHNICAL PARAMETER

Maximum working pressure: 350 bar

Bypass valve opening pressure: 3.4 bar

Transmitter opening pressure: 2.4 bar

Temperature range: -29 to +120



Highforce E

● MATERIALS

Head: Carbon steel

Filter bowl: Carbon 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

EHGN9020C0812NB

Filter type

Filter specification

90209021

Connection type and size

Type	Connection	Filter size	
		04	08
C	BSP 3/4"	●	●
K	Top panel connection	●	●
L	Side panel connection	●	●

Filter element length

04"08"

Filter fineness(μm)

3571225

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

Filter Element

	EYGN	9020	08	12	N
Filter element type					
Filter element specification					
9020 9021					
Filter element length					
04" 08"					
Filtration fineness(μm)					
3 5 7 12 25					
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

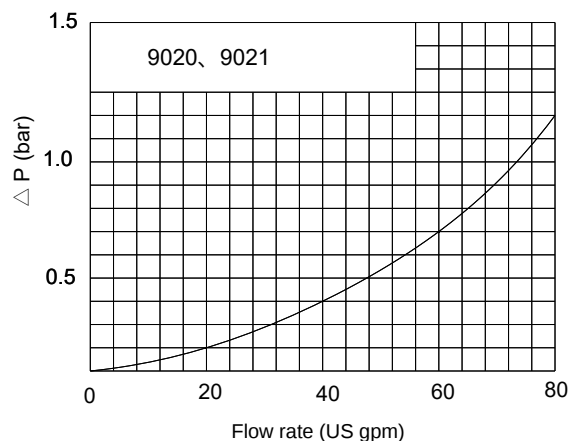
Differential pressure of filter housing with a fluid specific gravity of 0.9.

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.

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



9020 Series Filter Elements —bar/1000 l/min (psid/US gpm)

Length Code	3	5	7	12	22
04	40.8	15.1	11.4	7.7	4.6
08	20.5	7.6	5.7	3.8	2.3

DIMENSIONS

