

PHHU Series

● DESCRIPTION

Spin-on line filter

Connection type and size:

Threaded connection: 3/4" 1"

Maximum flow rate up to 70 l/min

● TECHNICAL PARAMETER

Maximum working pressure: 12 bar

Bypass valve opening pressure: 1.75 bar

Transmitter opening pressure: 1.4 bar

Temperature range: -20 to +110

● MATERIALS

Head: Cast aluminum, cast iron

Filter bowl: Carbon steel

Seals: NBR nitrile rubber (standard)

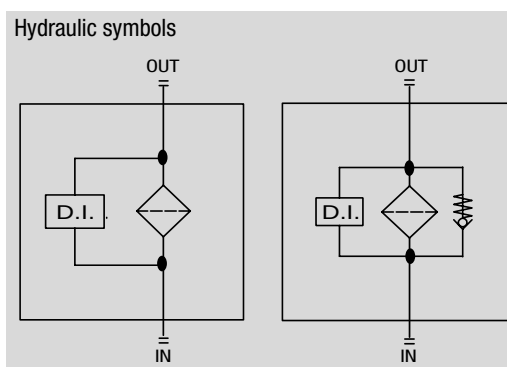
FKM fluororubber (customizable)

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.)

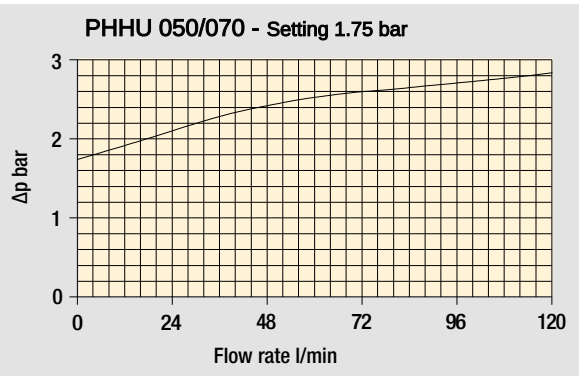


Weights [kg] and volumes [dm³]

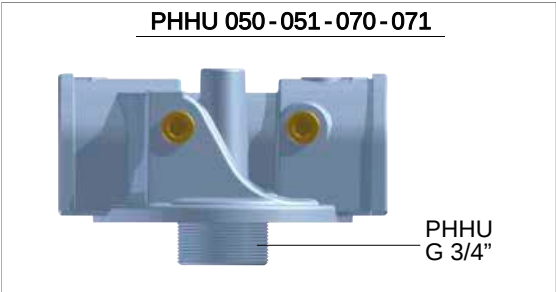
Filter series	Weights [kg]	Volumes [dm³]
PHHU 050	1.00	0.70
PHHU 051	1.05	0.70
PHHU 070	1.20	0.95
PHHU 071	1.25	0.95

The curves are plotted using mineral oil with density of 0.86 kg/dm³ in compliance with ISO 3968 Δp varies proportionally with density.

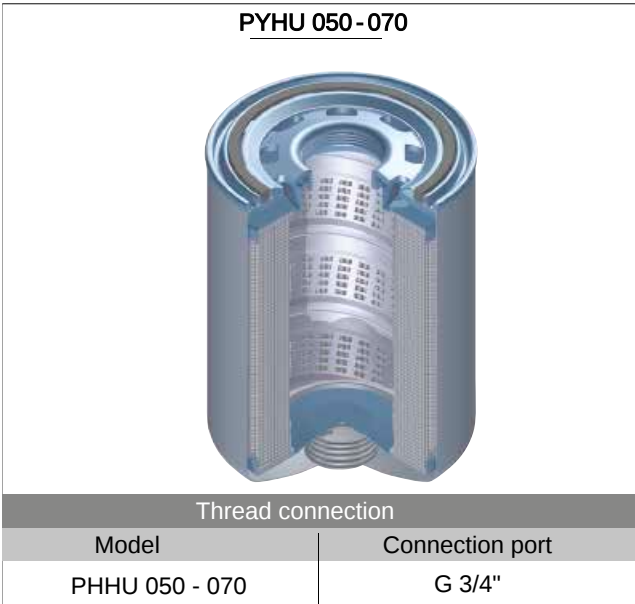
Bypass valve pressure drop



Filter seat



Filter element



Ordering Options Table

	PHHU	050	G5	F	10	N	A	B																								
Filter type																																
Filter specification																																
050 070 051 071																																
Connection type and size																																
<table border="1"> <thead> <tr> <th>Type</th> <th>Connection</th> <th colspan="4">Filter specification</th> </tr> <tr> <th></th> <th></th> <th>050</th> <th>070</th> <th>051</th> <th>071</th> </tr> </thead> <tbody> <tr> <td>G3</td> <td>3/4"</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td>G4</td> <td>1 "</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> </tbody> </table>	Type	Connection	Filter specification						050	070	051	071	G3	3/4"	•	•	•	•	G4	1 "	•	•	•	•								
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Filter element material																																
F: Fiberglass																																
W: Stainless steel wire mesh																																
Filter fineness(μm)																																
F: 03 05 10 20 30																																
W: 25 60 90																																
Seals																																
N: NBR V: FKM																																
Differential pressure transmitter																																
A: Steel blanking plug in indicator port E: Vacuum gauge indicator BM: Visual (Automatic reset) B: Visual (Automatic reset) CM: Electrical indicator C: Electrical indicator CL: Visual and electrical indicators																																
Bypass valve opening pressure																																
S = Without bypass valve																																
B = 1.75 bar																																

Filter Element

PYZU 050 F 10 N

Filter element type

Filter element specification

050 070

Filter element material

F: Fiberglass
W: Stainless steel wire mesh

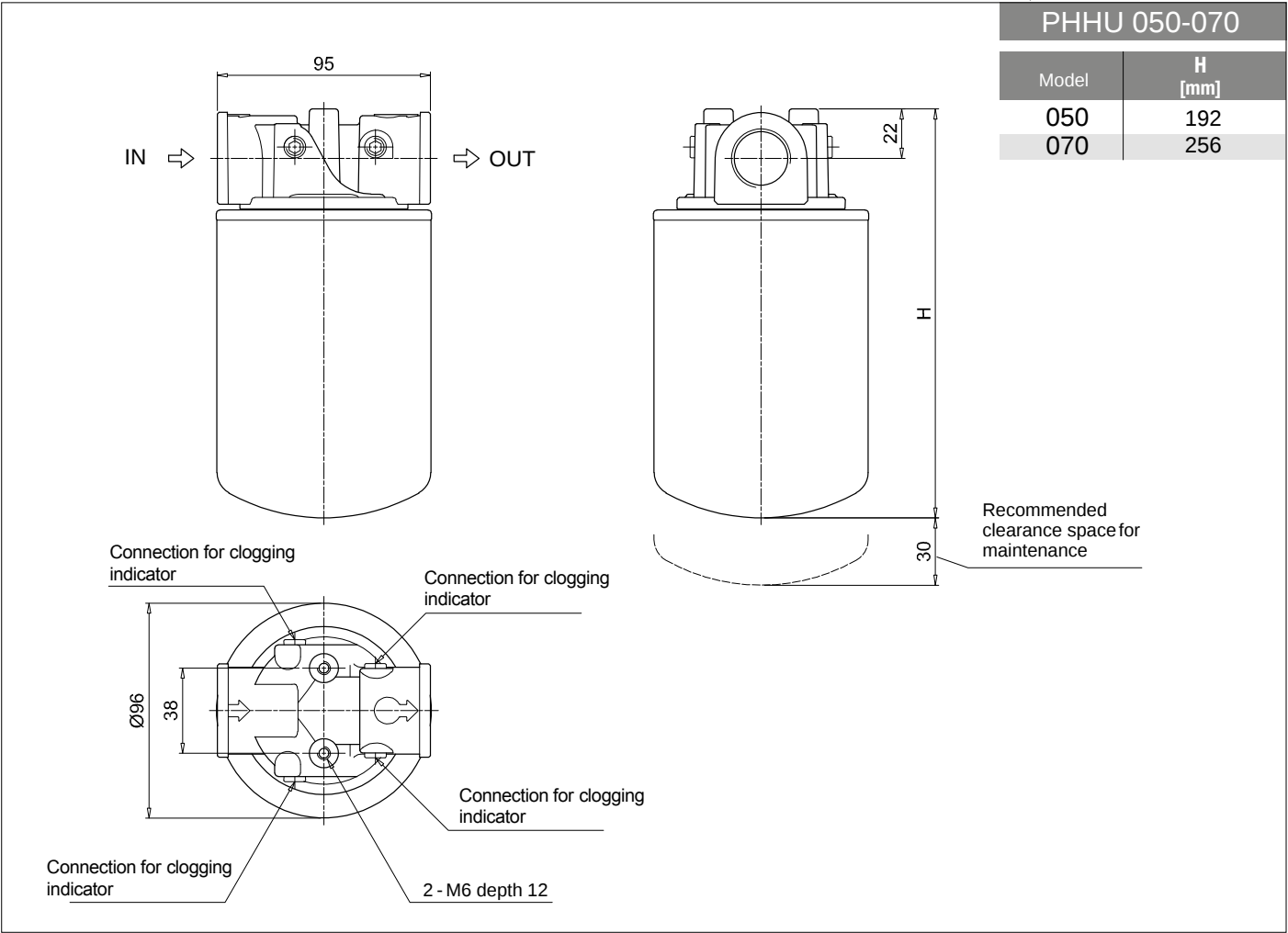
Filter fineness(μm)

F: 03 05 10 20 30
W: 25 60 90

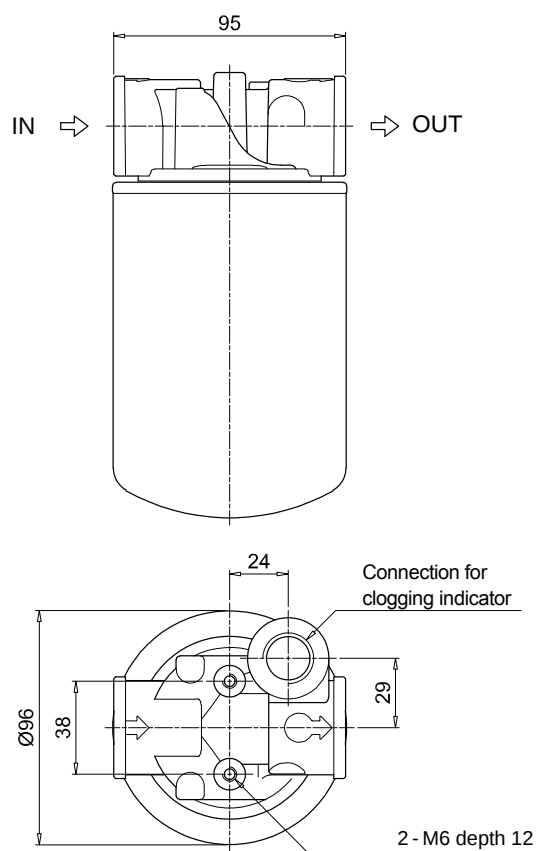
Seals

N: NBR V: FKM

DIMENSIONS



DIMENSIONS



PHHU 051-071

Model	H [mm]
051	192
071	256

Recommended clearance space for maintenance