<u>MANIFOLD MOUNTED FILTERS</u>



EFPI Series

EVOTEK High Pressure Filters

Product Description

- Operating pressure up to 315 bar
- 110 I/min max. flow rate
- application in sandwich stacking
- compliant with industry relevant ISO standards(see ISO test below)

Technical Specifications

Application Sandwich Stacking high pressure filter

Port Sizes: between CETOP 4 or5 valves

Flow Rate: max. 110 l/min max. 315 bar **Operating Pressure:** Burst Pressure: min. 950 bar 210 bar Element Collapse Pressure:

 Δp =8 bar \pm 10% Indicator on pressure:

Material

Seals: NBR or FPM (-10°C to 100°C)

Filter Head: steel Filter Bowl: steel

Compatibility: Suitable for mineral oils, lubrication oils, non-flam

> fluids, synthetic and rapidly biodegradable oils (for use with water or other fields please contact our

technical department)

Tested according to ISO standards: ISO2941 Collapse/burst resistance

ISO2942 Fabrication integrity

ISO2943 Material compatibility integrity

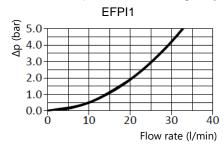
ISO3723 Method for end load test ISO3724 Flow fatigue characteristics ISO3968 Pressure Drop vs. Flow Rate

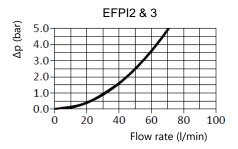
ISO16889 Multi-Pass Test

EFPI Sandwich Stacking high pressure filter

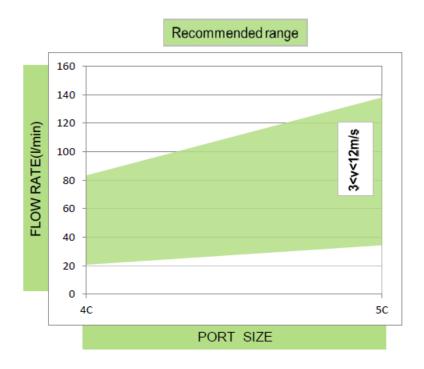
Pressure Drop Graphs (Δp)

Pressure Drop of Filter Housing only





Graph of oil flow velocity (we recommend to select size of the filter considering range of oil velocity between 3 to 12 m/s for pressure series)

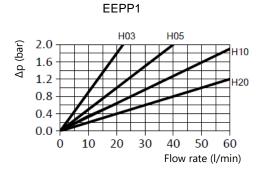


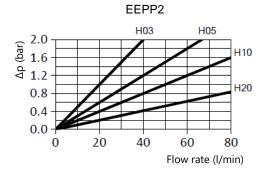


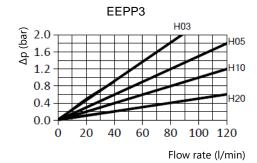
EFPI Sandwich Stacking high pressure filter

Pressure Drop Graphs (Δp)

Pressure Drop with Clean Filter Elements (H filter media)



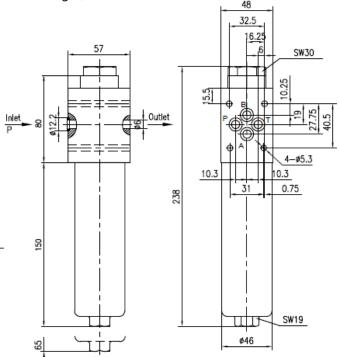




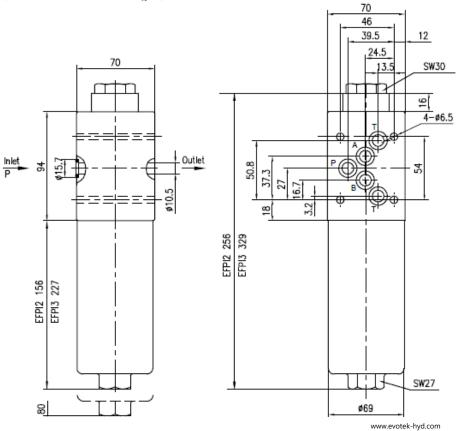
EFPI Manifold Mounting High Pressure Filter

Technical Drawings and Dimension

EFPI1(service access on the right)



EFPI2 & 3(service access on the right)



EFPI Sandwich Stacking high pressure filter Order Codes

Filter Assembly Series	Α	В	С	-	D	-	E	F	Element Series	Α	D	E
EFPI	1	4C	В	_	H03	-	E80		EEPP	1	В	H03

Select the code for each filter (or element) feature according to your requirements and place it in the sequence (see example above) to create the corresponding product order code.

A Size	Flow Rate	
1	30 l/min	
2	60 l/min	
3	110 l/min	
B Conne	4 ports A6 DIN	
	24340 / CETOP R35H	
5C	5 ports A10 DIN 24340 / CFTOP	

R35H

C Seal			
В		NBR	
V		FPM	
D Media	Material	Filtration	Collapse Pressure
			·
H03	Fibreglass	5µm	210 bar
H05	Fibreglass	7µm	210 bar
H10	Fibreglass	12µm	210 bar
H20	Fibreglass	21µm	210 bar
E Indicate	or		Connection
00			
	No		
V80	No 8 bar visual		M20*1.5 Thread
			M20*1.5 Thread M20*1.5 Thread
V80	8 bar visual		
V80 E80	8 bar visual 8 bar visual/electrical	rmostat (30°C)	M20*1.5 Thread
V80 E80 E80S	8 bar visual 8 bar visual/electrical 8 bar electrical	rmostat (30°C)	M20*1.5 Thread M20*1.5 Thread
V80 E80 E80S	8 bar visual 8 bar visual/electrical 8 bar electrical 8 bar electrical with ther	rmostat (30°C)	M20*1.5 Thread M20*1.5 Thread