



## EFPI Series

### EVOTEK High Pressure Filters

#### Product Description

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

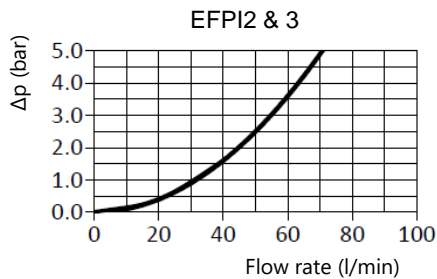
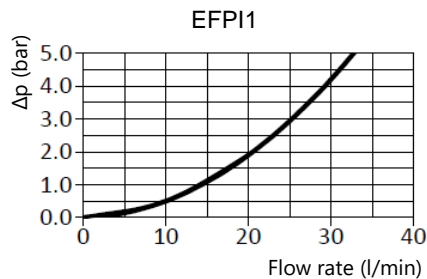
#### Technical Specifications

Application	Sandwich Stacking high pressure filter
Port Sizes:	between CETOP 4 or 5 valves
Flow Rate:	max. 110 l/min
Operating Pressure:	max. 315 bar
Burst Pressure:	min. 950 bar
Element Collapse Pressure:	210 bar
Indicator on pressure:	$\Delta p = 8 \text{ bar} \pm 10\%$
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 ( $\Delta p$ )

#### 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)

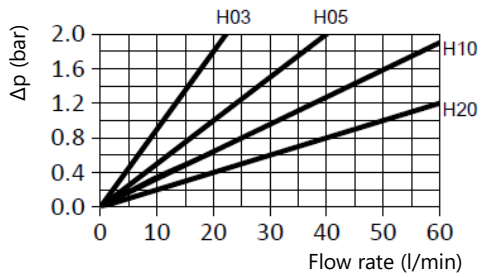


# EFPI Sandwich Stacking high pressure filter

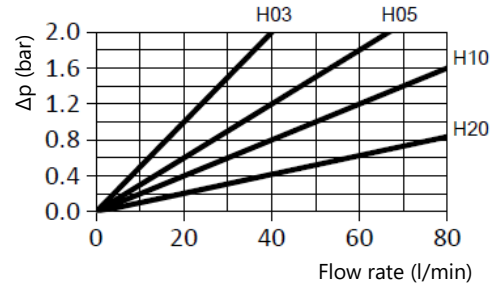
## Pressure Drop Graphs ( $\Delta p$ )

Pressure Drop with Clean Filter Elements (H filter media)

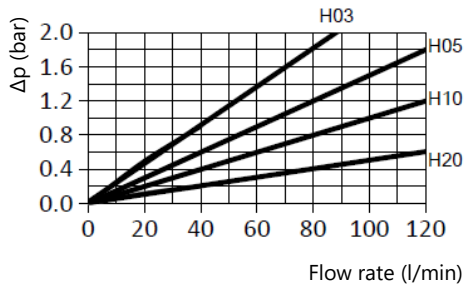
EEPP1



EEPP2



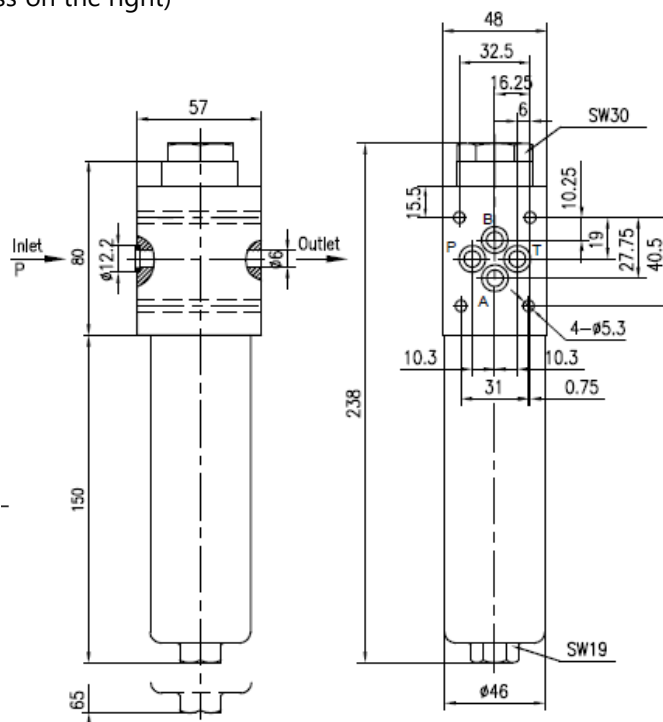
EEPP3



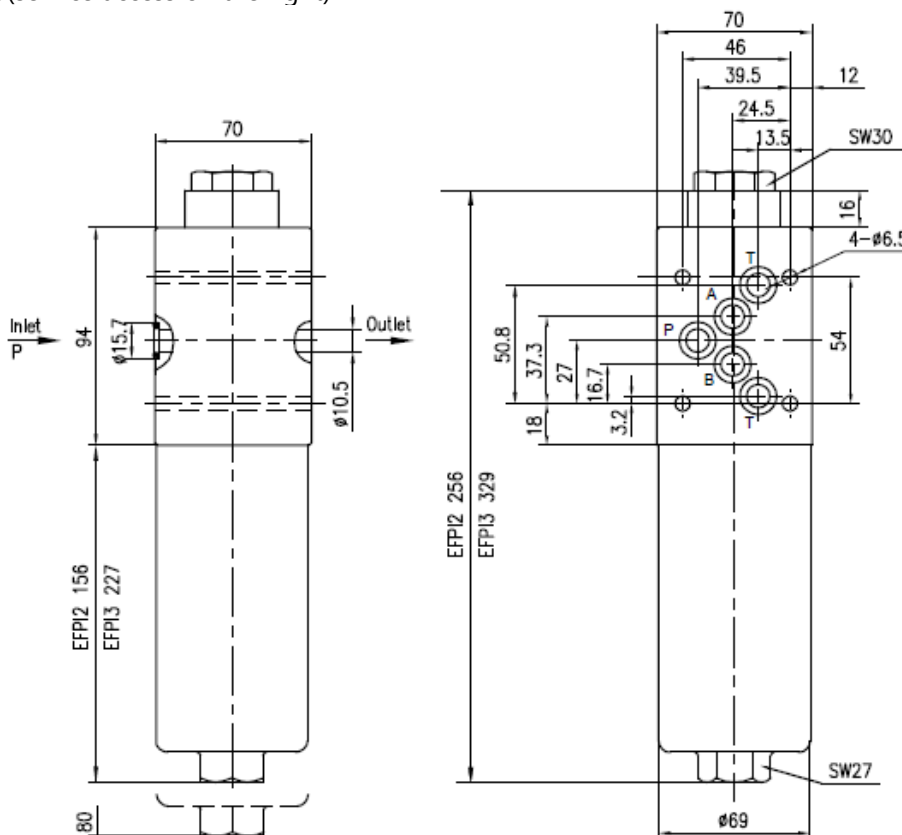
# EFPI Manifold Mounting High Pressure Filter

## Technical Drawings and Dimension

EFPI1(service access on the right)



EFPI2 & 3(service access on the right)



### Order Codes

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.

**F Special**

L service access on the left