

# CETOP-03 SIZE PRESSURE MODULAR FILTER



## Characteristics

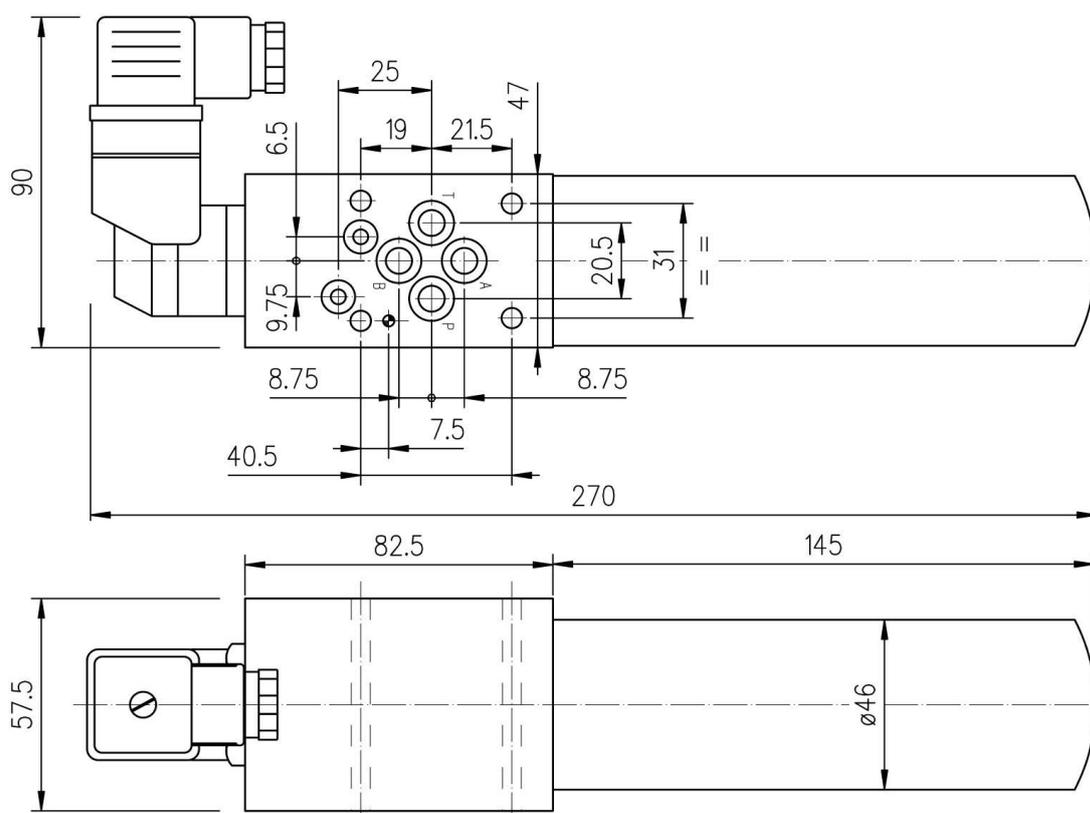
TYPE	MAX WORKING PRESSURE	MAX TEST PRESSURE	WEIGHT
FMP- 03	315 bar	400 bar	2.5 Kg.

## Description

FMP-03 modular pressure filter with Cetop-03 size connections guarantees the P port correct filtering. This filter provides an effective protection of proportional valves and of all components requiring a special filtering for proper functioning.

The FMP-03 filter can be equipped with visual or electrical indicator, having the function to actuate an electric contact when the max clogging degree is reached.

## Dimensions



## Filtering elements

Type		Flow ( l/min)			Tests performed with oil viscosity of 30(cSt) and density 0.86 Kg/dm <sup>3</sup>
Cartridge	Code	$\Delta p$ 1 bar	$\Delta p$ 1.5 bar	$\Delta p$ 2 bar	
10 $\mu$	CMP- 03/10	14.5	21	28	
25 $\mu$	CMP- 03/25	16	24	31	
12 $\mu$	CMP- 03/12	9	11.5	13.5	
21 $\mu$	CMP- 03/21	9.6	12.2	14.5	

Filter media	Filter element collapse pressure
10 $\mu$ wire mesh	$\Delta p$ 210 bar
25 $\mu$ wire mesh	
12 $\mu$ Inorganic microfiber	
21 $\mu$ Inorganic microfiber	



## Clogging indicators

<p><b>Visual-Electrical Indicator</b></p> <p>Electrical protection</p> <p>Connecting plug</p> <p>Code</p>	<p><math>\Delta p</math> 8 bar</p> <p>IP 65 DIN 40050</p> <p>DIN 43650</p> <p>008-0038-2</p>	
<p><b>Contacts in exchange</b></p> <p><b>C.A.</b> 125-250V. Max resistive or inductive load = 5A.</p> <p><b>C.C.</b> 15-30-50-125V. Max load: resistive = 10-5-1-0.5A. inductive = 10-5-1-0.6A.</p>		
<p><b>Visual Indicator</b></p> <p>Setting <math>\Delta 8</math> bar (<math>\pm 10\%</math>)</p> <p>Code 008-0036-2</p>		

## Installation rules

- The filters type FMP-03 can be mounted in any position
- Fluid to be used: hydraulic oil in compliance with DIN 51524 rules, viscosity between 30 and 100 mm<sup>2</sup>/s (cSt) at 40°C
- Standard filtration cartridges: 10 ÷ 25µ
- Hydraulic fluid temperature: from -20° to +75°C

## Ordering code

FMP-03 /	**	-	*
	0 = plug	V = visual indicator	E = electrical indicator
	10 = 10µ wire mesh	25 = 25 µ wire mesh	
	Filtering degree : 12 = 12µ Inorganic microfiber	21 = 21µ Inorganic microfiber	
CETOP 03 modular filter			