

CETOP-03 SIZE PRESSURE MODULAR FILTER



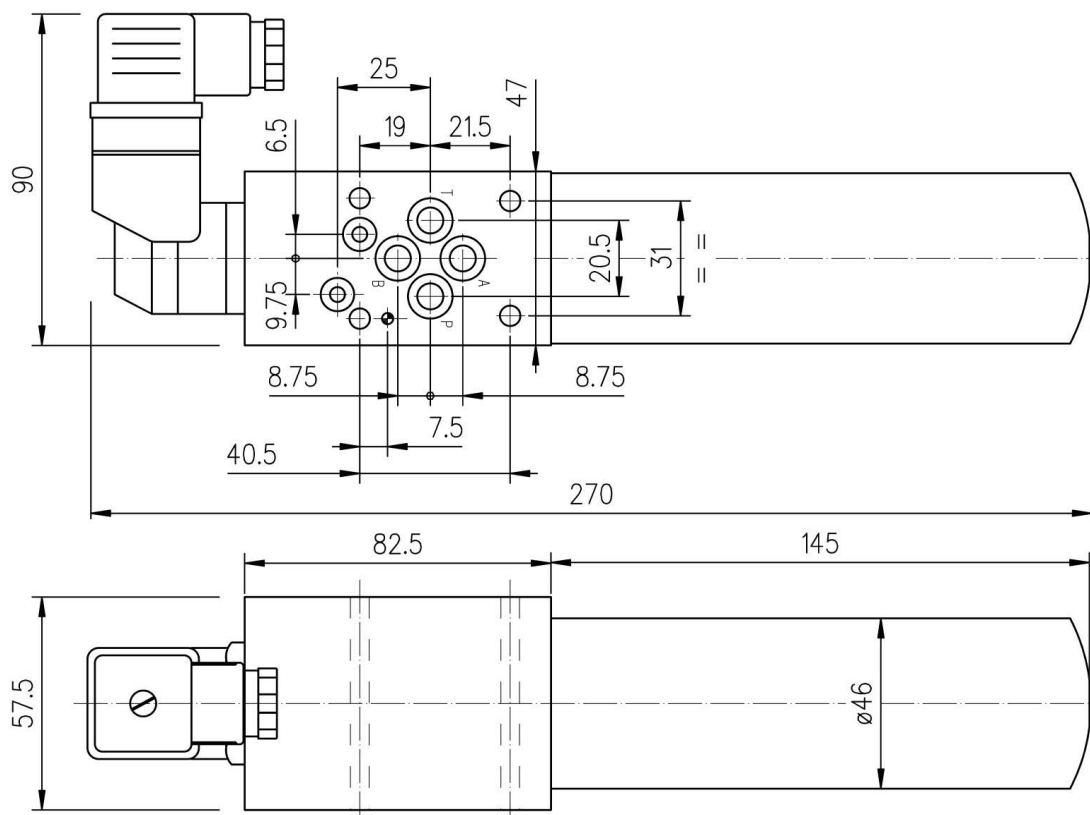
Characteristics

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 ³
Cartridge	Code	Δp 1 bar	Δp 1.5 bar	Δp 2 bar	
10 μ	CMP- 03/10	14.5	21	28	
25 μ	CMP- 03/25	16	24	31	
12 μ	CMP- 03/12	9	11.5	13.5	
21 μ	CMP- 03/21	9.6	12.2	14.5	

Filter media	Filter element collapse pressure
10 μ wire mesh	Δp 210 bar
25 μ wire mesh	
12 μ Inorganic microfiber	
21 μ Inorganic microfiber	



Clogging indicators

<p>Visual-Electrical Indicator</p> <p>Electrical protection</p> <p>Connecting plug</p> <p>Code</p>	<p>Δp 8 bar</p> <p>IP 65</p> <p>DIN 40050</p> <p>DIN 43650</p> <p>008-0038-2</p>	
<p>Contacts in exchange</p> <p>C.A. 125-250V. Max resistive or inductive load = 5A.</p> <p>C.C. 15-30-50-125V. Max load: resistive = 10-5-1-0.5A. inductive = 10-5-1-0.6A.</p>		
<p>Visual Indicator</p> <p>Setting $\Delta 8$ bar ($\pm 10\%$)</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 mm²/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			