



## FB SUCTION FILTER WITH METAL CARTRIDGE

Preventing impurities from reaching the vacuum pump is fundamental to guarantee the correct operation and long duration.

This range of filters, to be placed on the vacuum pump suction inlet or on the plant pipeline, has been designed for this purpose. Their simple and rational structure features threaded connections for the installation and a lid, very easy to open, to allow easily cleaning the filtering cartridge. The lids are made with die-cast aluminium, as are the containers, except for the models FB 5, FB 15 and FB 20 are made of transparent plastic material (cellulose acetate), particularly resistant to impacts.

The end caps are made of electro-galvanized steel, while the standard filter cartridges are made of corrugated stainless-steel mesh, with a filtration rating of 60  $\mu$  excluding models FB 28 FB 30, FB 40 and FB 50. Upon specific request and for minimum quantities to be defined at the ordering stage, cartridges with a filtration rating of 100 or 300  $\mu$  can be supplied.

The flow rate of these filters ranges from 5 to 300 m<sup>3</sup>/h.

### Technical features

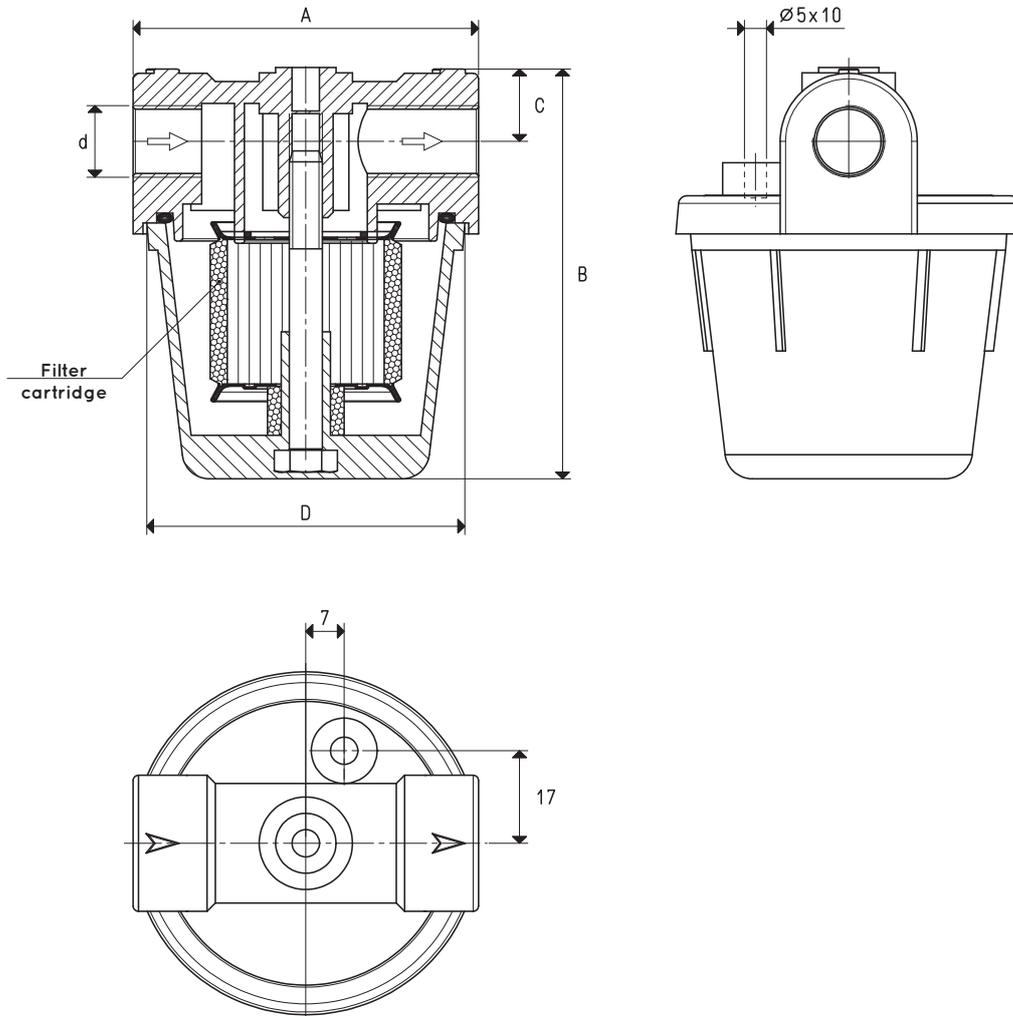
Operating pressure: from 0.5 to 3000 absolute mbar

Fluid temperature:

from -20 to +90°C for filters with aluminium container,

from -20 to +50°C for filters with containers in transparent plastic material

Level of filtration: 60  $\mu$  - 100  $\mu$



Item	d	A	B	C	D	Flow rate max m <sup>3</sup> /h	Cartridge spare part item	Sealing kit spare part item	Weight g
FB 5	G1/4"	63	75.3	12.5	59	5	00 FB 03	00 KIT FB5	140

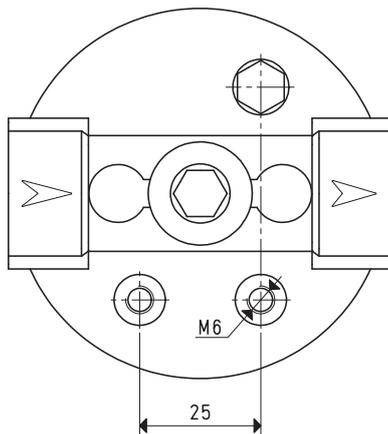
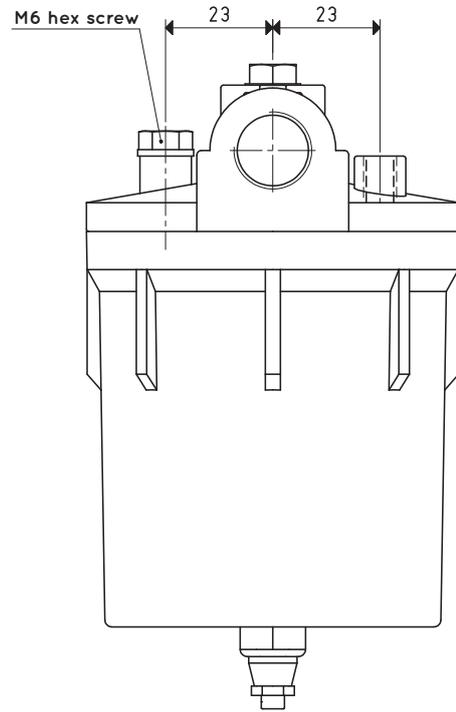
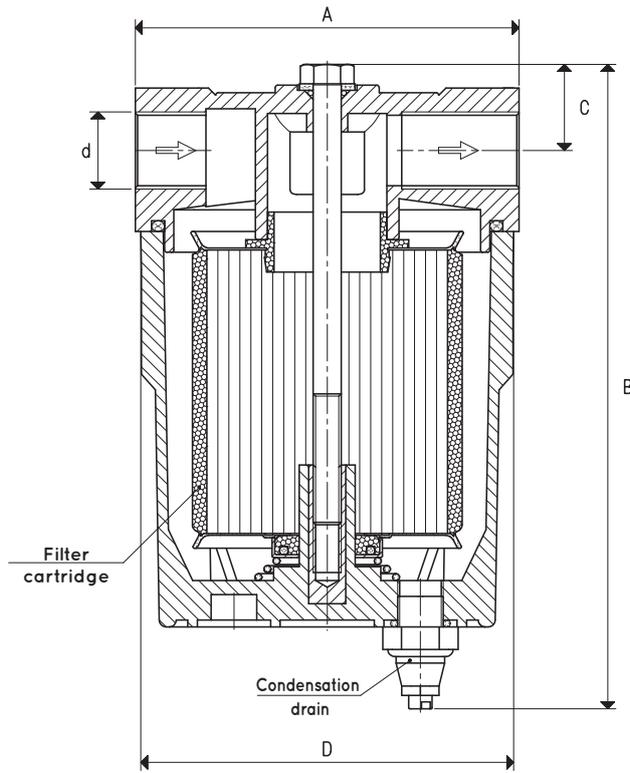
Note: Cartridges with a filtration rating of 300  $\mu$  can be provided upon specific request and in minimum quantities to be defined in the order.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch =  $\frac{\text{mm}}{25.4}$ ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

Adapters for GAS - NPT threading available on page 1.134

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Item	d Ø	A	B	C	D Ø	Flow rate max m³/h	Cartridge spare part item	Sealing kit and small parts item	Weight g
<b>FB 15</b>	G3/8"	81	116	17	79	10	00 FB 22	00 KIT FB20	312
<b>FB 20</b>	G1/2"	81	116	17	79	20	00 FB 22	00 KIT FB20	312

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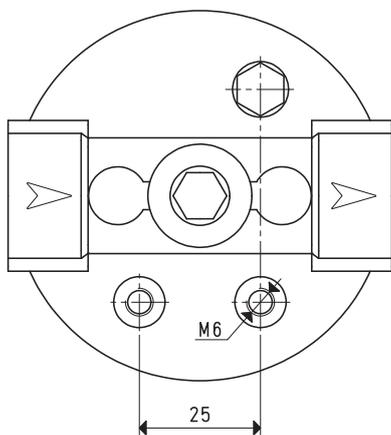
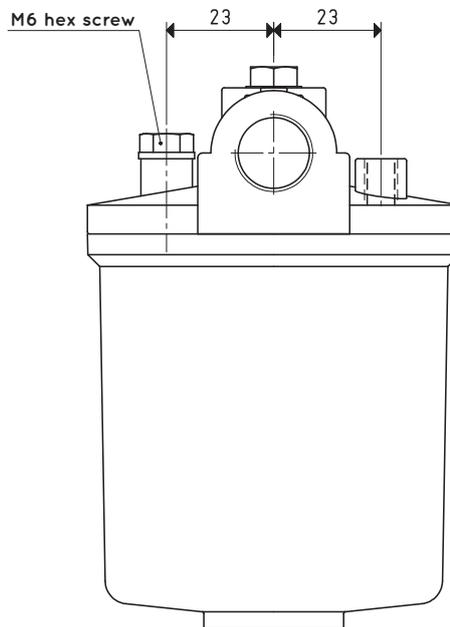
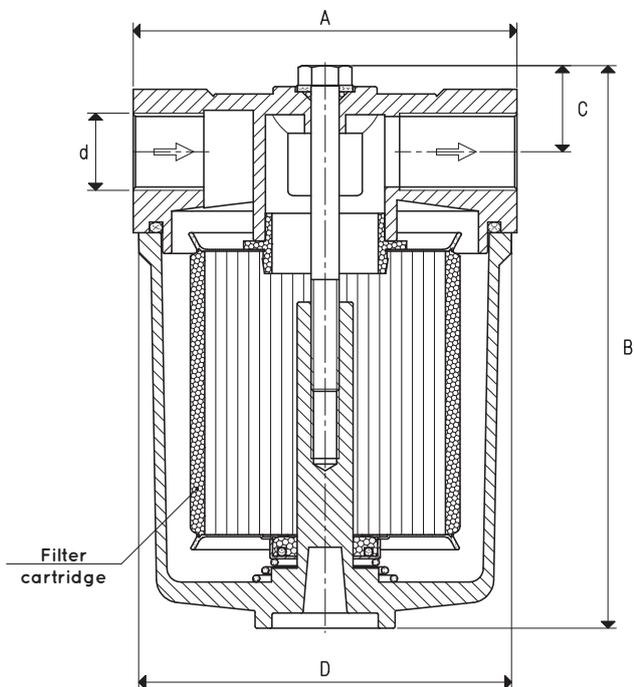
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Item	d ∅	A	B	C	D ∅	Flow rate max m <sup>3</sup> /h	Cartridge spare part item	Sealing kit and small parts item	Weight g
<b>FB 15 A</b>	G3/8"	81	121	17	79	20	00 FB 22	00 KIT FB20	395
<b>FB 20 A</b>	G1/2"	81	121	17	79	20	00 FB 22	00 KIT FB20	394

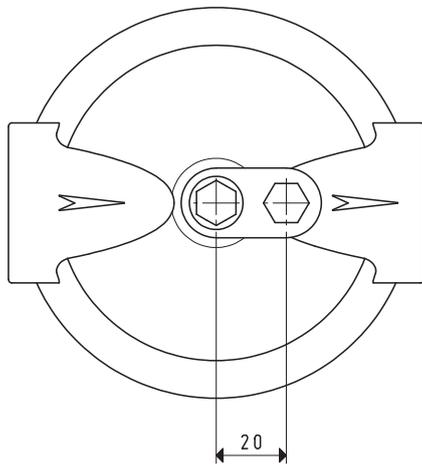
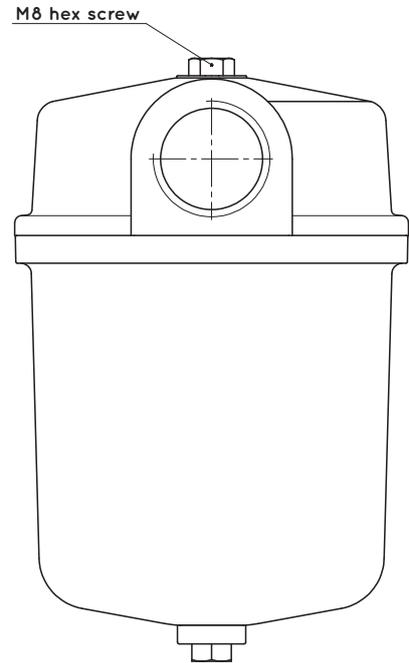
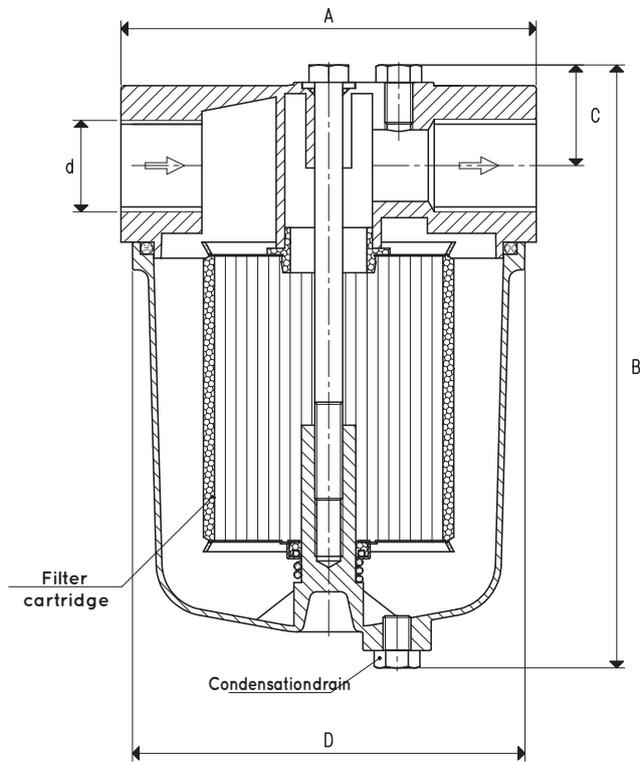
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Item	d	A	B	C	D	Flow rate max	Cartridge spare part	Sealing kit and small parts	Weight
	Ø				Ø	m <sup>3</sup> /h	item	item	g
<b>FB 28</b>	G3/4"	120	181	31	112	40	00 FB 34	00 KIT FB 30	762

Note: Cartridges with a filtration rating of 300 µ can be provided upon specific request and in minimum quantities to be defined in the order.

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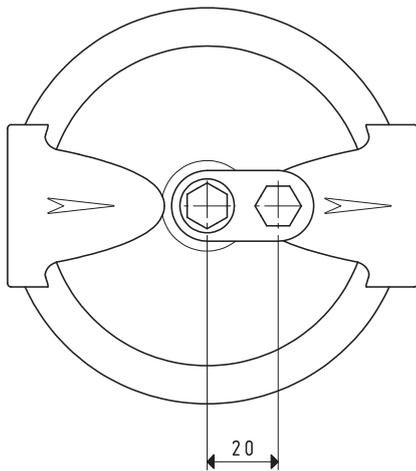
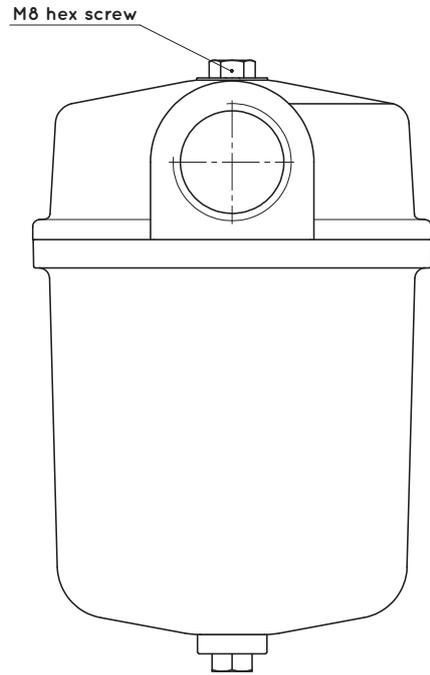
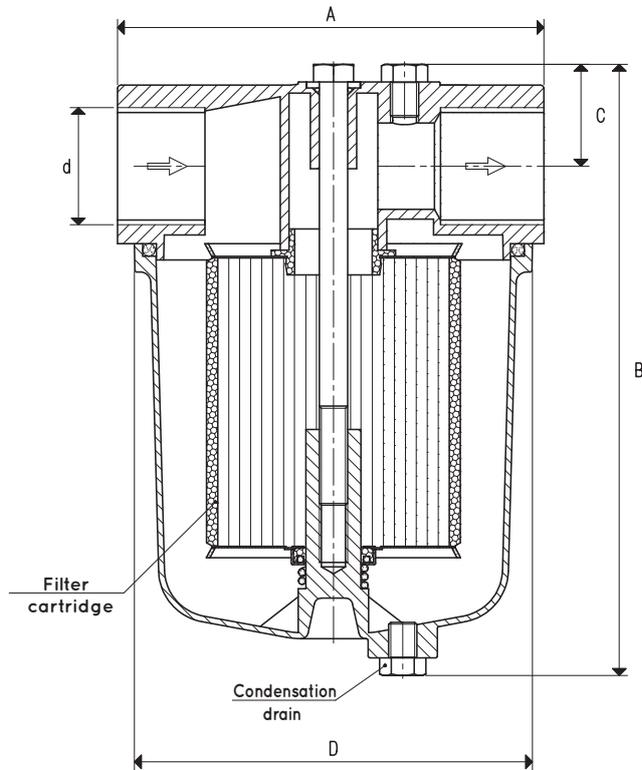
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Item	d	A	B	C	D	Flow rate max	Cartridge spare part	Sealing kit and small parts	Weight
	Ø				Ø	m <sup>3</sup> /h	item	item	g
<b>FB 30</b>	G1"	120	181	31	112	70	00 FB 34	00 KIT FB 30	758

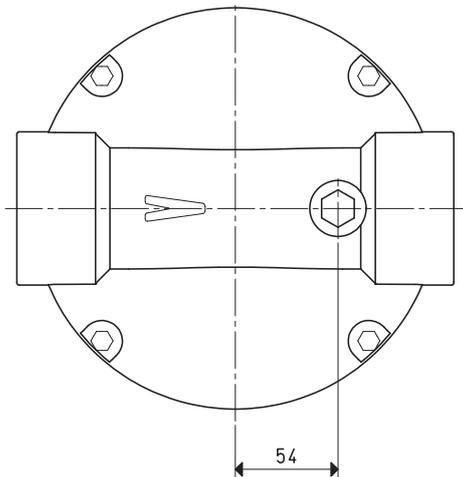
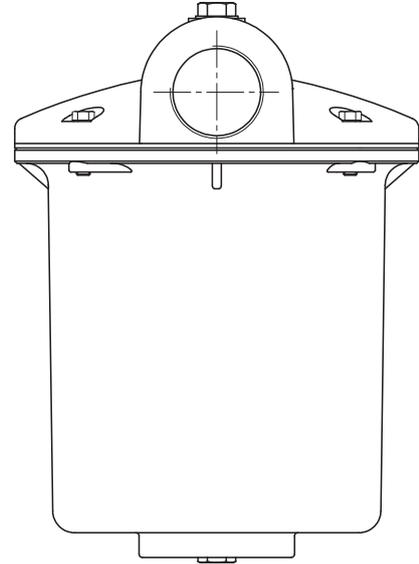
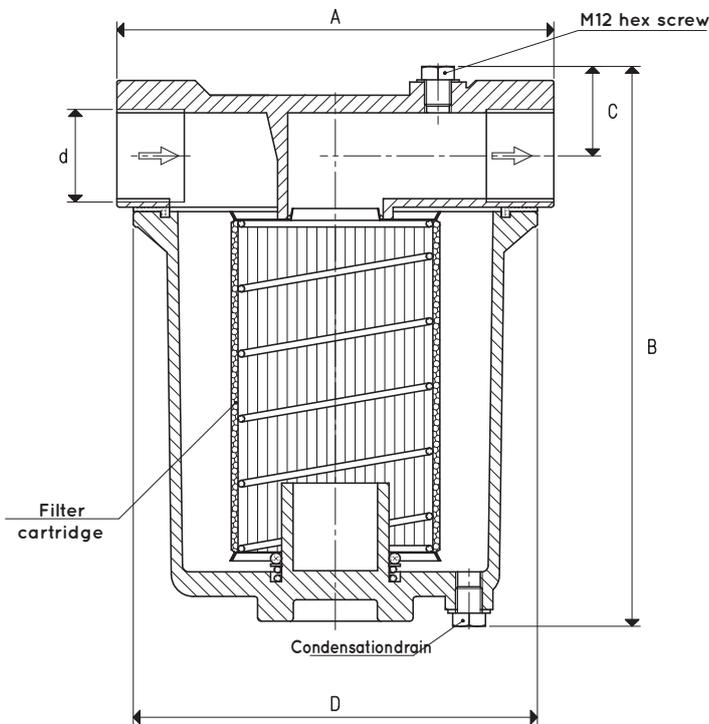
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Item	d ∅	A	B	C	D ∅	Flow rate max m³/h	Cartridge spare part item	Sealing kit and small parts item	Weight g
<b>FB 40</b>	G1" 1/4	190	255	39	182	150	00 FB 45	00 KIT FB 40	3.06
<b>FB 50</b>	G1" 1/2	190	255	39	182	200	00 FB 45	00 KIT FB 50	2.99

Note: Cartridges with a filtration rating of 300 µ can be provided upon specific request and in minimum quantities to be defined in the order.

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