

# Filter Housing SG superplus

The steel superplus filter housings with economizer and electronically controlled drain are designed for the purification of compressed air and gases.

## Product description:

SG superplus housings are designed for the purification of compressed air and gases in an industrial operation. The flanged housings due to an optimized construction offer low differential pressures at high flow rates and as a standard equipped with an economizer and an electronically controlled drain. A multitude of various housings with different connections, single or multiple, allow to match the requirements of the application, e. g. the compressor size. This product series offers 13 different housings ranging from a volume flow of 1080 m<sup>3</sup>/h to 38400 m<sup>3</sup>/h (related to 7 bar (ü) and 20°C).

The SG superplus filter housing conforms to the requirements of the European directive 87/404/EG for simple pressure vessels.



SG Superplus

## Technical data

Materials:	
Filter Housing EG-type approval	Steel
Economizer: differential gauge	Plastic
Electronically controlled drain	Aluminium die cast and plastic
Sealing acc. to DIN 2690	Asbestos-free Aramide fibers

Maximum operating pressure:	
0108-0288	PN 16
0432-3840	PN 16

Maximum operating temperature:
120°C

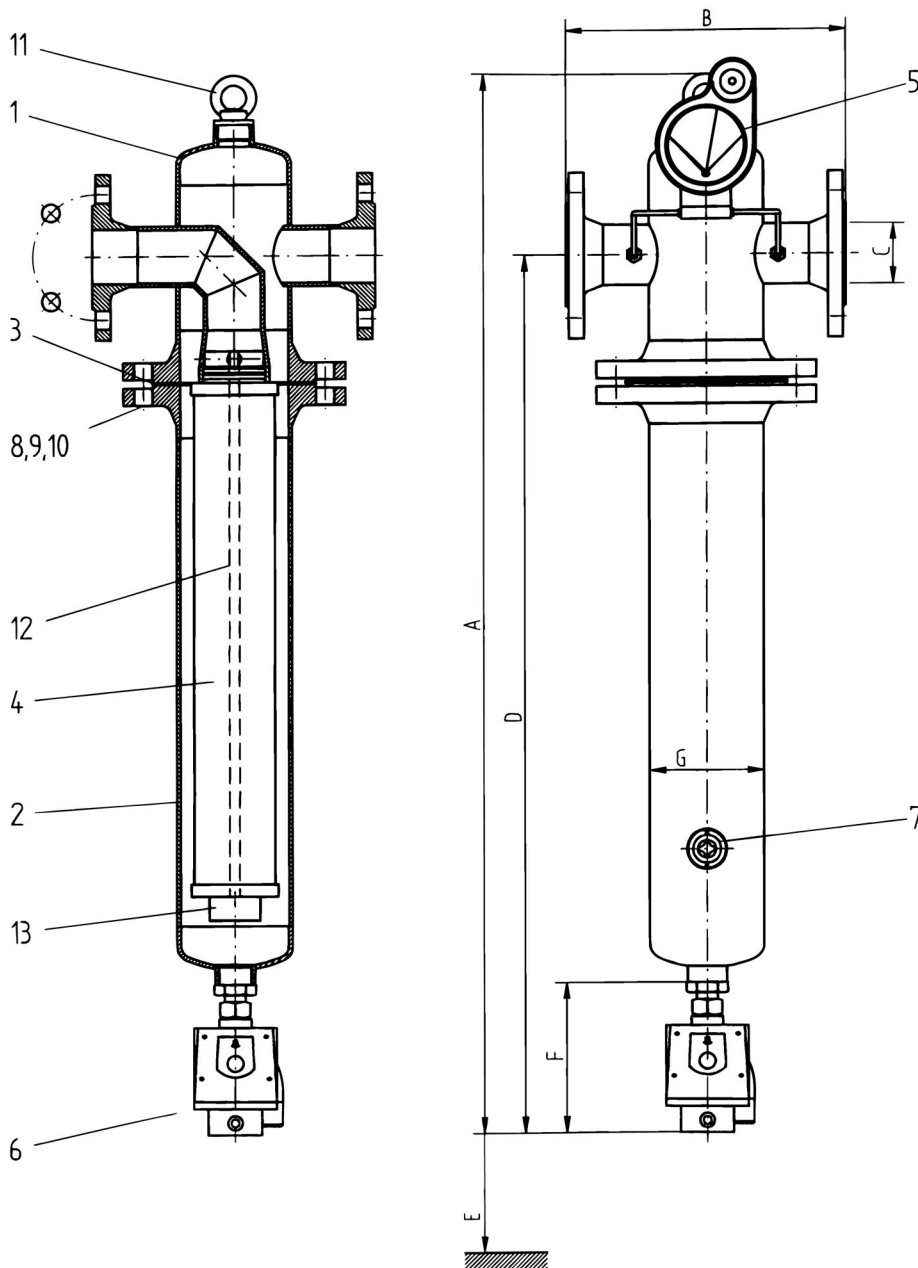
Surface finish:
Polyester resin coating

Connection IN/OUT:
Flange DN 50 to DN 300 ; DIN 2633

Technical alterations reserved (Date 03/03)

Pos.	Piece	Description
13		knurled nut
12		anchor bolt
11		lifting eye bolt
10		washer
9		hexagon nut
8		hexagon bolt
7		sight glass
6		drain
5		economizer
4		filter element
3		housing gasket
2		lower housing bowl
1		upper housing bowl

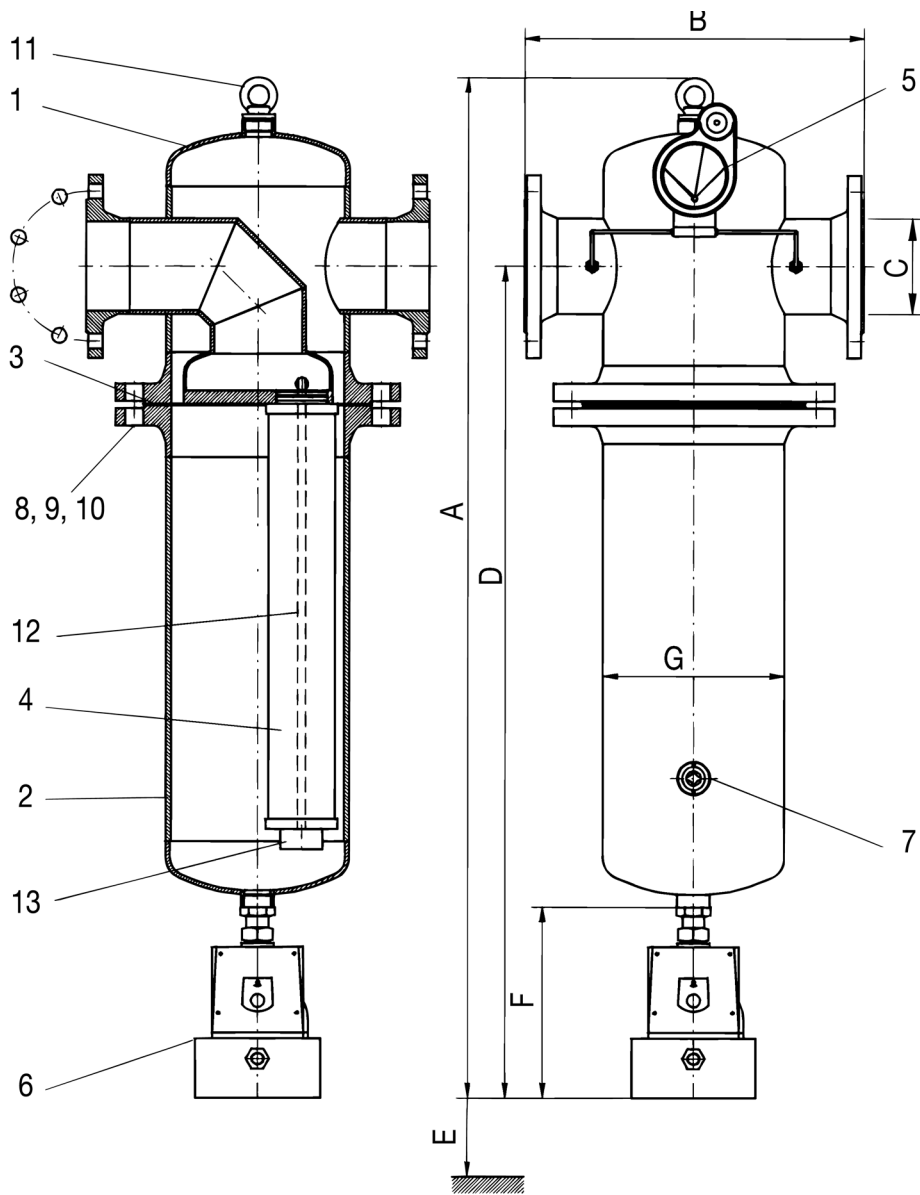
Max. working pressure:	16 bar
test pressure:	20,8 bar
Max. working temperature:	120 °C
Material	carbon steel
Paint coat:	polyester resin coating



Size	Volume (l)	Weight* (kg)	A mm	B mm	C	D mm	E mm	F mm	Ø G mm	Element
0108	7.5	29.5	1070	280	DN 50	875	450	155	114,3	15/30
0144	8.0	34.5	1070	280	DN 65	875	580	155	114,3	20/30
0192	16.0	41.5	1370	320	DN 80	1170	850	155	139,7	30/30
0288	23.5	55.5	1400	360	DN 80	1185	850	155	168,3	30/50

\* without filter element

Technical alterations reserved (Date 03/03)



Pos.	Piece	Description
13		knurled nut
12		anchor bolt
11		lifting eye bolt
10		washer
9		hexagon nut
8		hexagon bolt
7		sight glass
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Max. working pressure:	16 bar
Test pressure:	20.8 bar
Max. working temperature:	120 °C
Material	carbon steel
Paint coat	Polyester resin coating

Size	Volume (l)	Weight* (kg)	A mm	B mm	C	D mm	E mm	F mm	Ø G mm	Element
0432	31	84	1235	410	DN 100	1005	580	240	219.1	3x20/30
0576	40	94	1505	410	DN 100	1275	850	240	219.1	3x30/30
0768	70	134	1625	480	DN 150	1345	875	240	273	4x30/30
1152	103	154	1650	540	DN 150	1360	875	240	323.9	6x30/30
1536	168	240	1760	660	DN 200	1415	875	240	406.4	8x30/30
1920	168	244	1760	660	DN 200	1415	875	240	406.4	10x30/30
2304	312	379	1875	800	DN 250	1490	875	240	508	12x30/30
3072	312	383	1875	800	DN 250	1490	875	240	508	16x30/30
3840	463	533	2005	930	DN 300	1577	900	240	600	20x30/30

\* without filter element