

# 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. Between drain and housing a ball valve is installed.

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 housings conforms to the requirements of the European directive 87/404/EG for simple pressure vessels.



## Technical Data

Materials:	
Filter housing, EG-type approval	Steel
Economizer: differential gauge	Plastic
Electronic controlled drain	Aluminium die cast and plastic
Sealing acc. to DIN 2690	Aramide fibers

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

Maximum operating temperature:
120°C

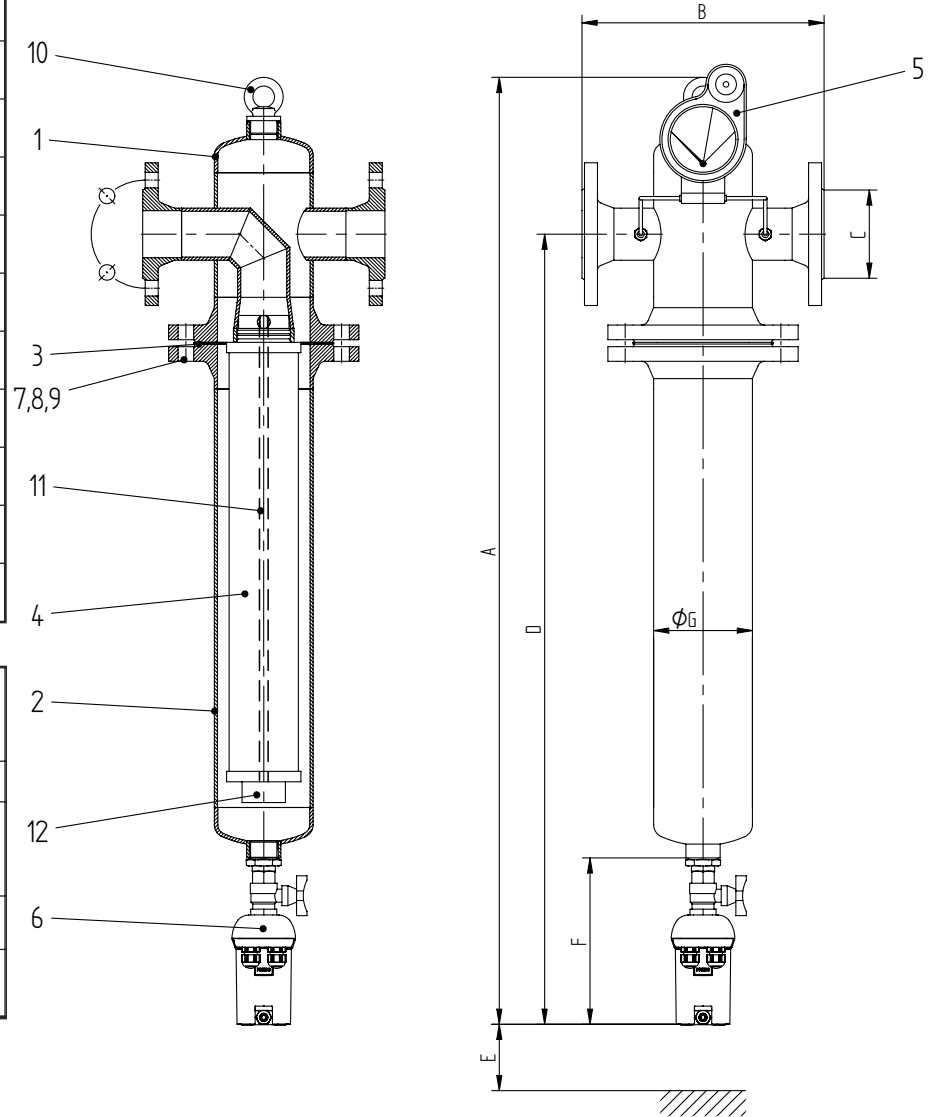
Surface finish:
Polyester resin coating

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

## Industrial filter SG 0108-0288 SP

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

Max. operating pressure:	16 bar
test pressure:	24 bar
Max. operating temperature:	120°C
Material:	carbon steel
Paint coat:	polyester resin coating



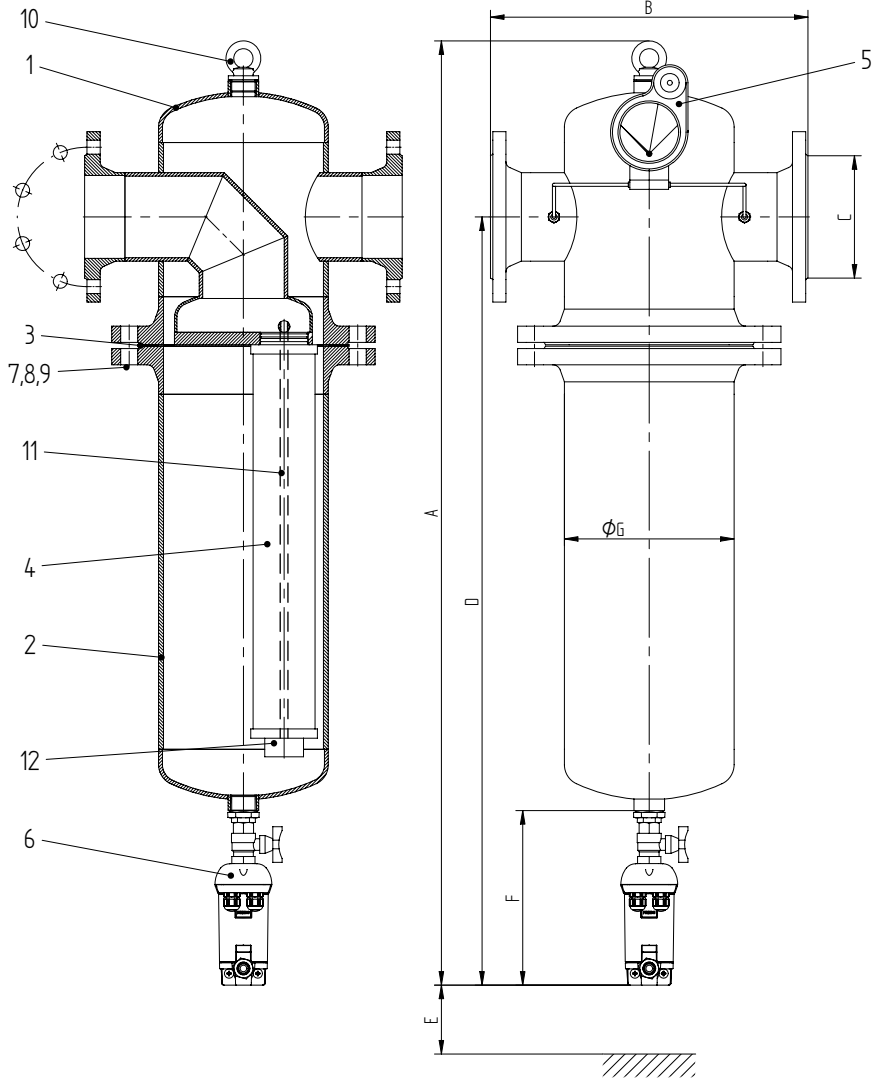
Size	Volume (l)	Weight* (kg)	A mm	B mm	C DIN 2633	D mm	E mm	F mm	ø G mm	Element
0108	7,5	27,8	1100	280	DN 50	905	450	195	114,3	15/30
0144	8,0	32,8	1100	280	DN 65	905	580	195	114,3	20/30
0192	16,0	39,8	1410	320	DN 80	1210	850	195	139,7	30/30
0288	23,5	53,8	1440	360	DN 80	1225	850	195	168,3	30/50

\* without filter element

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

Max. operating pressure:	16 bar
test pressure:	24 bar
Max. operating temperature:	120°C
Material:	carbon steel
Paint coat:	polyester resin coating

## Industrial filter SG 0432-3840 SP



Size	Volume (l)	Weight* (kg)	A mm	B mm	C DIN 2633	D mm	E mm	F mm	ø G mm	Element
0432	31	84	1220	410	DN 100	990	580	225	219.1	3x20/30
0576	40	94	1490	410	DN 100	1260	850	225	219.1	3x30/30
0768	70	134	1610	480	DN 150	1330	875	225	273	4x30/30
1152	103	154	1585	540	DN 150	1295	875	175	323.9	6x30/30
1536	168	240	1695	660	DN 200	1350	875	175	406.4	8x30/30
1920	168	244	1695	660	DN 200	1350	875	175	406.4	10x30/30
2304	312	379	1870	800	DN 250	1485	875	235	508	12x30/30
3072	312	383	1870	800	DN 250	1485	875	235	508	16x30/30
3840	463	533	2000	930	DN 300	1570	900	235	600	20x30/30

\* without filter element