

Silicone free Filter Housing AG Superplus silicone free

The silicone free aluminium filter housings are designed for the industrial purification of compressed air and gases of paint compatible filter elements used in paint applications.

Product description:

The silicone free AG filter housings were designed especially for applications in the paint industry – paint compatible. The filter housings are free from substances that could cause defects in the paint and guarantees that solid particles that could cause contamination are deposited from the compressed air and gases.

Due to an optimised construction the housings offer low differential pressures at high flow rates. A multitude of various housings with different connections, allow to match the requirements of the application, e.g. the compressor size.

This product series offers 14 different housings ranging from a volume flow of 20 to 2880 m³/h (related to 7 bar (g) and 20°C).



Technical data

Features:	Benefits:
Filter housing:	
Housing made of: three parts	Savings in maintenance and installation
Acoustic alarm signal	Maximum safety
Optimized housing construction for best flow velocity	Savings in purification costs of compressed air and gases

Maximum operating pressure:
16 bar

Maximum operating temperature:
+1°C / +65°C

Materialien:	
Filter housing:	Aluminium die cast resp. mold cast
Screw locking ring with acoustic warning signal	Aluminium
Economizer differential pressure gauge	Plastic
Electronically controlled drain	Aluminium die cast and plastic
Housing O-Ring	Viton

Surface finish:
Polyester resin coating

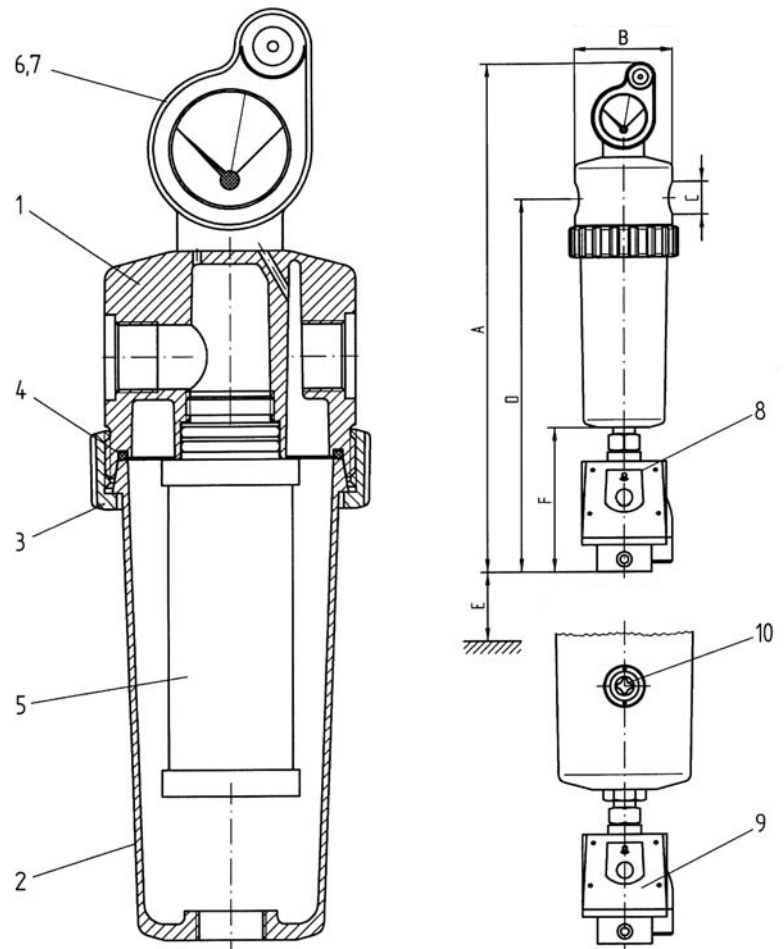
Connection:
1/4" bis 3" BSP

Dimension Sheet

Industrial filter AG 0002 - 0288 SP silicone free

Pos.	Piece	Description
10 0108-0288	1	sight glass R 1"
9 0192-0288	1	drain UFM-T 20
8 0048-0144	1	drain UFM-T 1
8 0002-0036	1	drain UFM-T 05
7 0048-0288	1	economizer NG 80
6 0002-0036	1	economizer NG 50
5	1	filter element
4	1	housing O-ring
3	1	screw locking ring
2	1	lower housing bowl
1	1	upper housing bowl

Max. operating pressure:	16 bar
Test pressure:	22.88 bar
Max. operating temperature:	+1°C / +65°C
Design temperature:	120°C
Material:	AG 0002 - 0036 EN AC-AISI 12 (Fe) AG 0048 - 0288 EN AC-AISI 7 Mg 0.3
Paint coat:	Polyester resin coating



Classification acc. to 97 / 23 / EG for fluids group 2	
AG 0002 - 0036	Art. 3, par. 3
AG 0002 - 0036	Cat. I
AG 0002 - 0036	Cat. II

Housing size	Volume (l)	Weight* (kg)	A mm	ø B mm	C	D mm	E mm	F mm	Element size
0002	0.35	1.8	420	70	G 1/4	305	75	140	02/05
0004	0.35	1.8	420	70	G 3/8	305	90	140	03/05
0006	0.5	2.3	475	80	G 3/8	335	90	140	03/10
0009	0.5	2.3	475	80	G 1/2	335	120	140	04/10
0012	0.9	2.7	495	95	G 1/2	360	120	140	04/20
0018	0.9	2.7	495	95	G 3/4	360	150	140	05/20
0027	1.4	3.0	570	110	G 1	425	150	140	05/25
0036	1.4	3.0	570	110	G 1 1/4	425	200	140	07/25
0048	4.5	7.3	730	150	G 1 1/2	530	200	140	07/30
0072	4.5	7.3	730	150	G 2	530	280	140	10/30
0108	6.0	10.4	865	160	G 2	690	450	155	15/30
0144	7.5	13.0	1005	180	G 2 1/2	820	580	155	20/30
0192	9.7	14.1	1280	180	G 3	1070	850	155	30/30
0288	1.,0	20.4	1315	210	G 3	1105	850	155	30/50

* without filter element