

AIR FILTER SF67 1/2" & 3/4" BROCHURE



Air Filter SF67 1/2" & 3/4"

SF67C (G1/2, G 3/4)

FEATURES

- Shavo's' Filter Model SF67 is designed as a high-performance product for use in corrosive atmospheres.
- Applications include marine environments, oil and gas production, chemicals and food processing, medical analysis etc.
- SIL 3 capable as per IEC 61508.
- CE,EAC [CU TR10(equivalent to GOST R&K)] approved.
- External Metallic parts meet NACE standard MR-01 75*

(*National Association of Corrosion Engineers MR-0175 defines requirements for sulphide stress cracking resistant materials used in oilwells and other corrosive environments.)



PARAMETERS	SPECIFICATIONS
Fluid	Compressed Air
Pipe size	1/2",3/4"
Pipe Thread (Supply/output connection)	NPT - Standard BSPT, BSP - Optional
Max. Inlet Pressure	30 bar (435 psi)
Max. Operating Temperature (Ambient)	+80 C
Filter Element Size	25 Micron - Std. (5,40 Micron - Optional)
Filter Element material	SS316 - Std. Sintered Bronze/PorousPlastic-Optional
Material of Construction Body, Bowl Internal parts External parts	Stainless Steel as per AISI 316L SS 316L with NACE Compliance (MR 0175) SS 316L / SS 304 SS 316L with NACE Compliance (MR 0175)
Elastomers	Low Temp. Nitrite (NBR) -60°C to +80°C EPDM -35°C to +120°C Flourocarbon (Viton-FKM) -20°C to +180°C
Standard Nominal Flow Rate at 6 bar (87 psi) supply pressure and 1 bar (14.5 psi) pressure drop.	1/2" - 123 scfm (59 dm3/sec) 3/4" - 192 scfm (91 dm3/sec)
CV Value	1/2" - (2.31) 3/4" - (3.62)
Bowl Capacity Drain	160 ml Manual - Std
Maximum Oil Removal content Weight	upto 0.01 ppm. 6.5 Kgs.

SIZE	FLOW	ELEMENT	DRAIN	MODEL
1/2" NPT	123 scfm (59 dm3/sec.)	Manual	25	SF67-401-M8SA-P
3/4" NPT	192 scfm (91 dm3/sec.)	Manual	25	SF67-601-M8SA-P

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Option Selector

Sample Model Number → **S F 6 7 - 4 0 1 - M 5 S A - X X X - X X X**

Position → **0 1 2 3 - 4 5 6 - 7 8 9 10 - 11 12 13 - 14 15 16**

0 **S** = Shavo

1 Product **F** = Filter

2 3 Series **67** = SS 316L (MOC)

4 Port Size
4 = 1/2"
6 = 3/4"

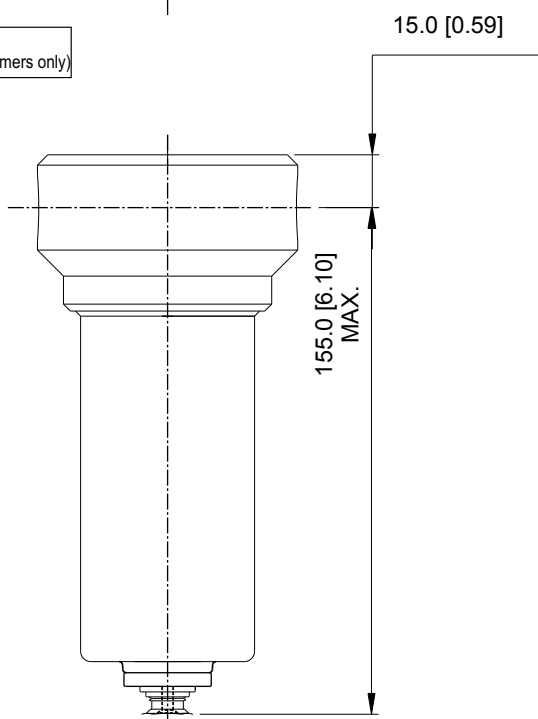
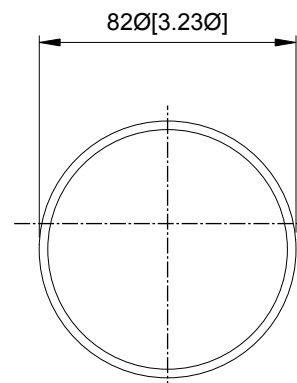
5 6 Options
00 = Nitrile elastomers
04 = Low Temp. Nitrile elastomers
[01] = EPDM elastomers
[02] = VITON elastomers

7 Drain
M = Manual
[A] = Automatic (available with Nitrile elastomers only)

8 Filter Element
1 = 05 M Porous Plastic
2 = 25 M Porous Plastic
3 = 40 M Porous Plastic
4 = 05 M Sintered Bronze
5 = 25 M Sintered Bronze
6 = 40 M Sintered Bronze
7 = 05 M SS 316
8 = 25 M SS 316
[9] = 40 M SS 316

9 Bowl **S** = STAINLESS STEEL

10 Port Thread
A = NPT
B = BSPT
G = BSP



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11 12 13 Test / Approval

C	0	0	CE
C	0	1	UKCA
C	0	2	CE,UKCA
E	0	0	EAC
E	0	1	EAC, UKCA
S	0	0	SIL3
S	0	1	SIL3, UKCA
G	0	0	CE, EAC
G	0	1	CE, EAC, UKCA
H	0	0	CE, SIL3
H	0	1	CE, SIL3, UKCA
K	0	0	CE, EAC, SIL3
K	0	1	CE, EAC, SIL3, UKCA
X	X	X	Standard Units Without Any Certificatios / Approval
[O]	[0]	[0]	Other Customer Special Requirement If Any

14 15 16 Compliance

X	X	X	Standard Unit Without any Compliance
A	0	1	RoHS 3 Compliance
A	0	2	REACH Compliance
A	0	3	Copper Free (Only Applicable Aluminium Version)
A	0	4	RoHS3, REACH Compliance
A	0	5	RoHS3, REACH, Copper Free (Only Applicable for Aluminium Version)
A	0	6	RoHS3, Copper Free (Only Applicable for Aluminium Version)
A	0	7	REACH, Copper Free (Only Applicable for Aluminium Version)

Note: Option shown in the [] bracket are special, Please contact Sales HQ/Manufacturing.



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