

6" Monitor Elements in to out

Standard Design

Qualified acc. to the API(IP) 1583 „Specifications and Qualification Procedures for Aviation Fuel Filter Monitors with Absorbend Type Elements.“

Less than 0.26 mg/l (average) of solids in the effluent

Less than 15 ppm of free water in the effluent.

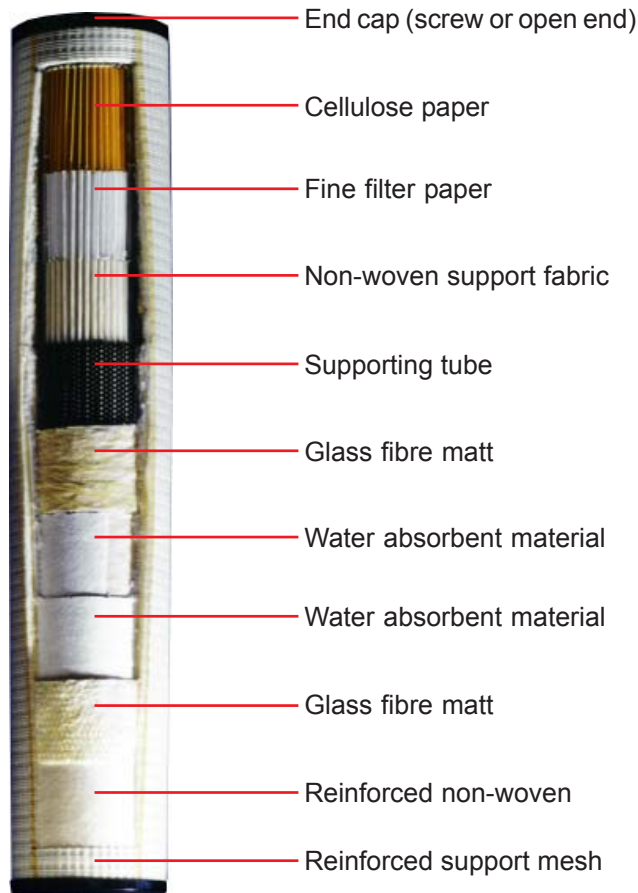
This element is not suitable for the use with Aviation fuels containing anti-icing additives (FSII) and therefore it should not be applied.

Technical Details

Nominal Filtration:	1µm	Inner tube open end and endcaps in epoxy painted carbon steel
Change out differential pressure:	1.5 bar (22 psi)	Seals in NBR (Buna-N)
Burstpressure	12 bar (175 psi)	Flow direction - in to out
Recommended Service time:	12 months ¹	Outside diameter - 152 mm (6")
Recommended Storage time ² :	24 months ^{1&2}	Screw base endcaps made out of Polyamid/reinforced glass fibre
Operating temperature:	min. -30°C/max. 80°C	Labeling according to API(IP) 1583 (date of manufacturing, ID-Number, etc.) on the endcap

¹ Manufacturer recommendation

² Original packaging, 20°C and max. 50% humidity after date of shipment out of FAUDI Aviation stock.



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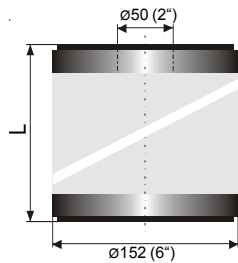
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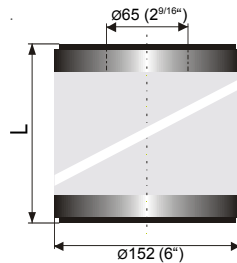
Example of marking: **MI6.4-1093**

Model type
End cap model

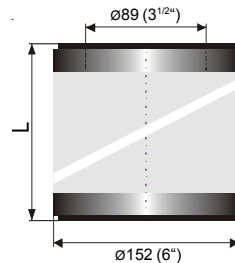
Nominal length
in mm



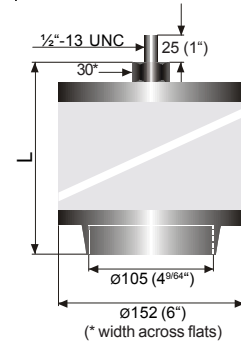
Model 1



Model 3



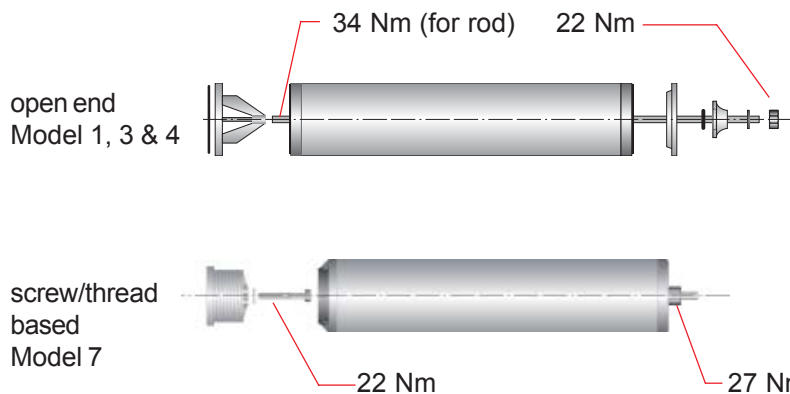
Model 4



Model 7

Endcap Model	Element Type	nominal length		Flow rate		Interchangeable with		
		mm	inch	l/min	GPM	Velcon		Facet
Open end model 1, 3 & 4	MI6.1-842	848	33 ^{3/8}	502	132			
	MI6.3-842	848	33 ^{3/8}	502	132			
	MI6.4-279	285	11 ^{1/4}	156	44	ACI-61101K	ACI-61101L	FG-I-611
	MI6.4-362	368	14 ^{1/2}	212	56	ACI-61401K	ACI-61401L	FG-I-614
	MI6.4-559	565	22 ^{1/4}	333	88	ACI-62201K	ACI-62201L	FG-I-622
	MI6.4-727	733	28 ^{7/8}	433	114	ACI-62801K	ACI-62801L	FG-I-628
	MI6.4-842	848	33 ^{3/8}	502	132	ACI-63301K	ACI-63301L	FG-I-633
	MI6.4-965	971	38 ^{1/4}	575	152	ACI-63801K	ACI-63801L	FG-I-638
	MI6.4-1093	1099	43 ^{1/4}	652	173	ACI-64401K	ACI-64401L	FG-I-643
MI6.4-1422	1428	56 ^{1/4}	847	224	ACI-65601K	ACI-65601L	FG-I-656	
Screw base model 7	MI6.7-362	351	14 ^{13/16}	212	56	ACI-61401KTB	ACI-61401LTB	FG-I-614SB
	MI6.7-559	565	22 ^{1/4}	333	88	ACI-62201KTB	ACI-62201LTB	FG-I-622SB
	MI6.7-727	705	27 ^{3/4}	433	114	ACI-62801KTB	ACI-62801LTB	FG-I-628SB
	MI6.7-842	834	32 ^{7/8}	502	132	ACI-63301KTB	ACI-63301LTB	FG-I-633SB
	MI6.7-965	965	38	575	152	ACI-63801KTB	ACI-63801LTB	FG-I-638SB
	MI6.7-1093	1114	43 ^{7/8}	652	173	ACI-64401KTB	ACI-64401LTB	FG-I-643SB
	MI6.7-1422	1418	55 ^{7/8}	847	224	ACI-65601KTB	ACI-65601LTB	FG-I-656SB

Torques



Torques Conversion table			
ft/lbs	inch/lbs	kg/m	Nm
5	60	0,70	7
11	128	1,50	15
15	180	2,07	20
17	200	2,30	22
20	240	2,80	27
25	300	3,50	34

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