

# 6" Monitor Elements out to in

## Standard Design

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

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

Less than 15 ppm of free water in the effluent.

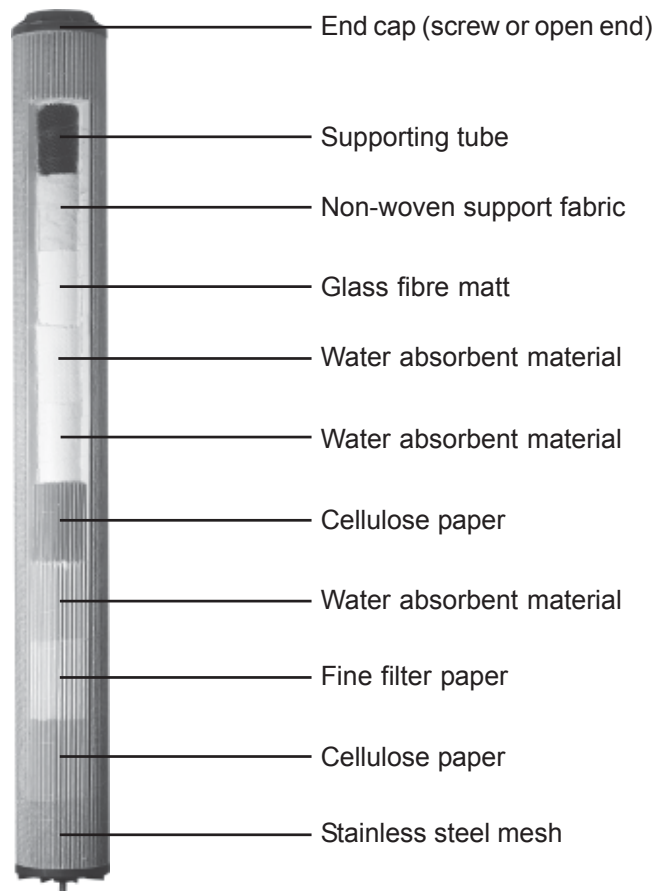
**This element is not suitable for the use with Aviation fuels containing anti-icing additives (FSII) and therefore it should not be applied.**

## Technical Details

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

<sup>1</sup> Manufacturer recommendation

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



FAUDI Aviation GmbH & Co. KG  
Scharnhorststrasse 7 B  
D-35260 Stadtallendorf

Phone: +49 6428 4465 - 275  
Fax: +49 6428 4465 - 231  
E-Mail: [contact@faudi-aviation.com](mailto:contact@faudi-aviation.com)  
Web: [www.faudi-aviation.com](http://www.faudi-aviation.com)

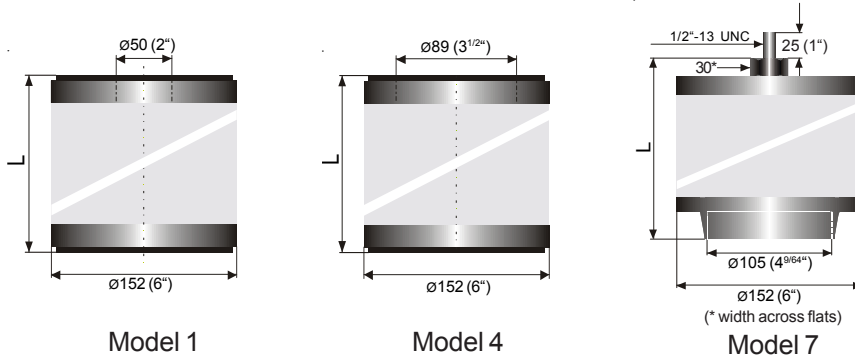


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Example of marking: **MO6.4-1093**

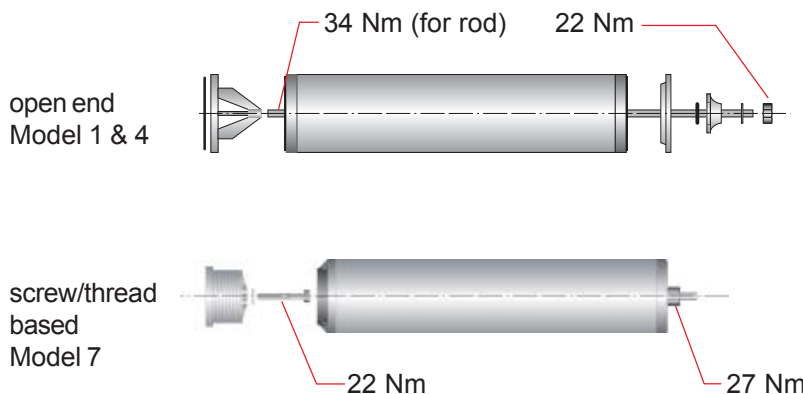
Model type  
End cap model

Nominal length  
in mm



| Endcap Model            | Element Type | nominal length |                     | Flow rate |     | Interchangeable with |            |
|-------------------------|--------------|----------------|---------------------|-----------|-----|----------------------|------------|
|                         |              | mm             | inch                | l/min     | GPM | Velcon               | Facet      |
| Open end<br>model 1 & 4 | MO6.1-842    | 848            | 33 <sup>3/8</sup>   | 502       | 132 |                      |            |
|                         | MO6.4-279    | 285            | 11 <sup>1/4</sup>   | 156       | 44  | ACO-61101K           | FG-O-611   |
|                         | MO6.4-362    | 368            | 14 <sup>1/2</sup>   | 212       | 56  | ACO-61401K           | FG-O-614   |
|                         | MO6.4-559    | 565            | 22 <sup>1/4</sup>   | 333       | 88  | ACO-62201K           | FG-O-622   |
|                         | MO6.4-727    | 733            | 28 <sup>7/8</sup>   | 433       | 114 | ACO-62801K           | FG-O-628   |
|                         | MO6.4-842    | 848            | 33 <sup>3/8</sup>   | 502       | 132 | ACO-63301K           | FG-O-633   |
|                         | MO6.4-965    | 971            | 38 <sup>1/4</sup>   | 575       | 152 | ACO-63801K           | FG-O-638   |
|                         | MO6.4-1093   | 1099           | 43 <sup>1/4</sup>   | 652       | 173 | ACO-64401K           | FG-O-643   |
|                         | MO6.4-1422   | 1428           | 56 <sup>1/4</sup>   | 847       | 224 | ACO-65601K           | FG-O-656   |
| Screw base<br>model 7   | MO6.7-362    | 351            | 14 <sup>13/16</sup> | 212       | 56  | ACO-61401KTB         | FG-O-614SB |
|                         | MO6.7-559    | 565            | 22 <sup>1/4</sup>   | 333       | 88  | ACO-62201KTB         | FG-O-622SB |
|                         | MO6.7-727    | 705            | 27 <sup>3/4</sup>   | 433       | 114 | ACO-62801KTB         | FG-O-628SB |
|                         | MO6.7-842    | 834            | 32 <sup>7/8</sup>   | 502       | 132 | ACO-63301KTB         | FG-O-633SB |
|                         | MO6.7-965    | 965            | 38                  | 575       | 152 | ACO-63801KTB         | FG-O-638SB |
|                         | MO6.7-1093   | 1114           | 43 <sup>7/8</sup>   | 652       | 173 | ACO-64401KTB         | FG-O-643SB |
|                         | MO6.7-1422   | 1418           | 55 <sup>7/8</sup>   | 847       | 224 | ACO-65601KTB         | FG-O-656SB |

## Torques



| 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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E-Mail: [contact@faudi-aviation.com](mailto:contact@faudi-aviation.com)  
Web: [www.faudi-aviation.com](http://www.faudi-aviation.com)

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quality guarantees safety

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