

# K-Type Coalescer Elements

For the Separation of Water and Solids from Aviation Fuels according to API/IP 1581 3rd Edition

Filter water separators are fitted with coalescer and separator elements and used on aircraft refuelling vehicles, hydrant dispensers and other mobile fuelling equipment. They are also used in fixed fuelling installations and tank farms. FAUDI Aviation coalescers are commonly used in other branches of industry such as refineries, petrochemical plants and marine applications where high efficiency filtration and separation is required.

## Technical Details

Tested and approved to spec.  
API/IP 1581, 3rd Edition, Group II, Class A, B, C

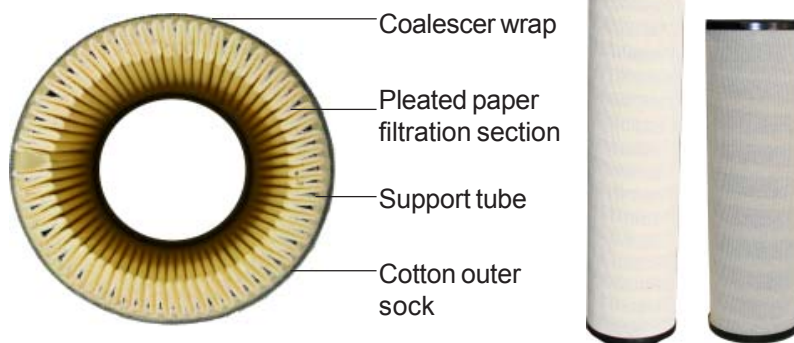
Nominal Filtration:	1µm
Change out differential pressure:	1.1 bar (15 psi)
Burst pressure:	5.2 bar (75 psi)
Recommended Storage time:	24 months <sup>1&amp;2</sup>
Operating Temperature:	min. -30°C / max. 80°C
Flow direction:	In to out
Outside diameter:	152 mm (6")

## Standard Design

Inner tube in epoxy coated steel  
Seals in NBR (Buna-N)  
Outside diameter - 152 mm (6")  
Endcaps made out of Polyamid/reinforced glass fibre  
Labeling according to API/IP  
(date of manufacturer, ID-Number etc.) on the endcap  
Less than 15 ppm of free water in the effluent

<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

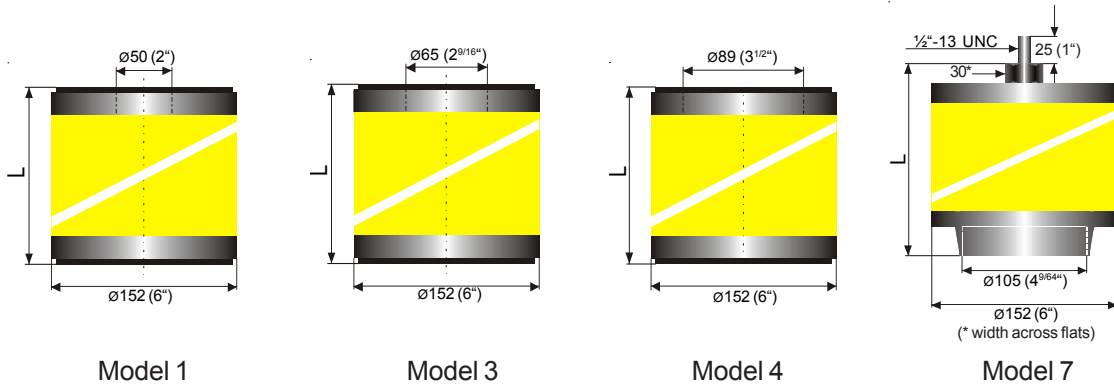
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aviation  
quality guarantees safety

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

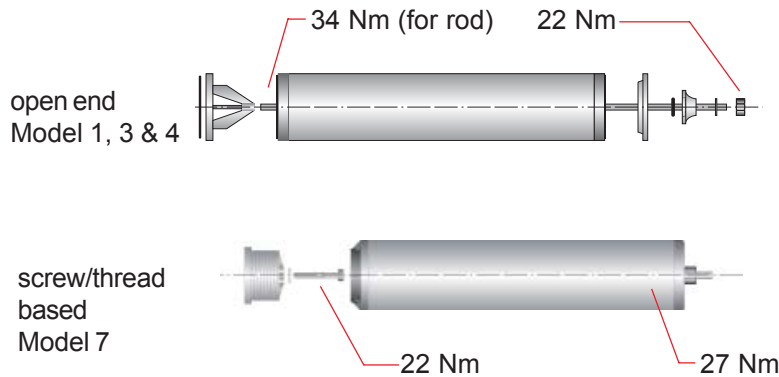
Model type ————  
 Endcap design ————  
 ———— Nominal length in mm



## END CAP DESIGN

OPEN ENDED					SCREW/THREAD BASE		
nominal Length L (including sealing)					nominal Length L		
mm	inch	Model 1	Model 3	Model 4	mm	inch	Model 7
285	11 1/4		K.3-279	K.4-279	285	11 63/100	K.7-279
368	14 1/2		K.3-362	K.4-362	368	14 13/16	K.7-362
473	18 5/8		K.3-467	K.4-467	473	19 31/100	K.7-467
565	22 1/4		K.3-559	K.4-559	565	22 1/4	K.7-559
733	28 7/8		K.3-727	K.4-727	733	23 3/4	K.7-727
848	33 3/8	K.1-842	K.3-842	K.4-842	848	32 14/16	K.7-842
971	38 1/4		K.3-965	K.4-965	971	38	K.7-965
1099	43 1/4		K.3-1093	K.4-1093	1099	43 14/16	K.7-1093
1428	56 1/4		K.3-1422	K.4-1422	1428	55 14/16	K.7-1422

## Torques



ft/lbs	inch/lbs	kg/m	Nm
17	200	2,30	22
20	240	2,80	27
25	300	3,50	34

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