

QUALIFIED TO SPECIFICATION EI 1581 3RD EDITION, GRUPPE II, CLASS A, B & C AND MIL-F-8901E

Coalescer elements are designed to coalesce free water and to remove fine solids from aviation fuels. Coalescers are deployed at the first stage in a filter/water separator, when fuel enters the vessel. FAUDI Aviation K-Type coalescer elements are intended for use in filter/water separators on refuellers, hydrant dispensers and other mobile refuelling equipment. They are characterized by an excellent dirt holding capacity and high water removal efficiency.



APPLICATION AREA

- Mobile and stationary refuelling equipment
- Tank farms
- Ships and loading terminals
- Refineries

TECHNICAL DATA

- Nominal filtration: According to EI 1581 3rd Edition
- Flow direction: In-to-out
- Change-out differential pressure: 1.0 bar (15 psi)
- Maximum pressure differential rating: 5.2 bar (75 psi)
- Service time (max.): 3 years¹⁾
- Storage time (max.): 5 years^{1) 2)}
- Operating temperature: Min. -30°C (-22°F) / Max. 80°C (176°F)

¹⁾ Manufacturer recommendation

²⁾ Manufacturer recommendation: 20°C and max. 50% humidity after date of shipment out of stock of FAUDI Aviation GmbH

STANDARD DESIGN

- Outside diameter: 152 mm (6 inch)
- Center tube: Epoxy coated steel
- Gaskets: NBR (Buna-N)
- End caps: Polyamide, glass fiber reinforced / Epoxy coated steel
- Labeling on end caps: According to EI specification

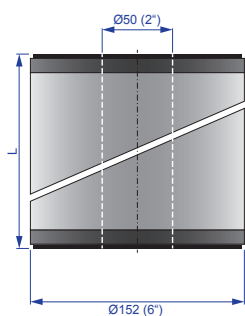
ELEMENT CODE

K.1-842

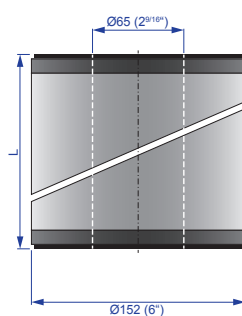
Element Type

End Cap Design

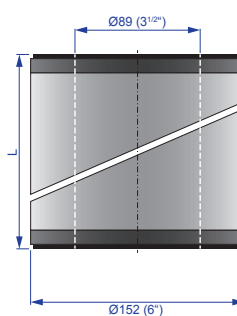
Nominal Length in mm



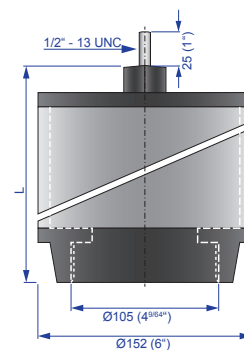
End Cap Design 1



End Cap Design 3



End Cap Design 4



End Cap Design 7

ELEMENT SELECTION

Flat Sealed (Open End)					Screw/Threaded Base		
Nominal Length L		End Cap Design			Nominal Length L		End Cap Design
mm	inch	1	3	4	mm	inch	7
362	14	K.1-362	K.3-362	K.4-362	351	14	K.7-362
467	18	K.1-467	K.3-467	K.4-467			K.7-467
559	22		K.3-559	K.4-559	555	22	K.7-559
727	29	K.1-727	K.3-727	K.4-727	705	28	K.7-727
842	33	K.1-842	K.3-842	K.4-842	834	33	K.7-842
965	38		K.3-965	K.4-965	965	38	K.7-965
1093	43		K.3-1093	K.4-1093	1114	44	K.7-1093
1422	56		K.3-1422	K.4-1422	1418	56	K.7-1422