

# D-Type Coalescer Elements

For the Separation of Water and Solids from Aviation Fuels according MIL-F-8901 E

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.

## Applications

Meets the requirements of Military Specifications Mil-F-8901 E and Specification TL4330-0001 (Part 1 + 2) (Federal Republic of Germany) and AM + M 527 B (Italy)

## Technical Details

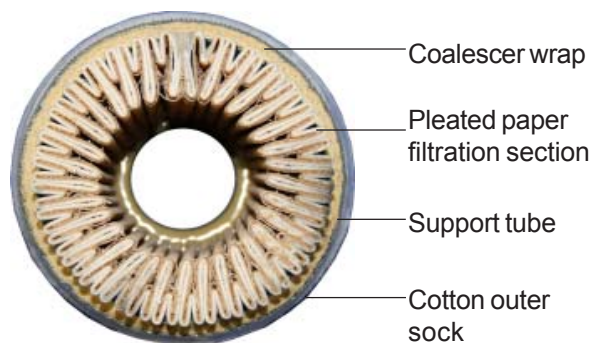
Nominal Filtration:	1µm
Change out differential pressure:	1,1 bar (15 psi)
Burst pressure:	5.2 bar (75 psi)
Recommended Service time:	24 months <sup>1</sup>
Recommended Storage time:	24 months <sup>1&amp;2</sup>
Operating temperature:	min. -30°C / max. 80°C
Flow direction:	In to out
Outside diameter: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

## Standard Design

Outer tube in carbon steel black epoxy coated  
Inner tube in epoxy coated steel  
Seals in NBR (Buna-N)  
Endcaps made out of carbon steel epoxy coated  
Labeling according to API/IP  
(date of manufacturer, ID-Number etc.) on the endcap  
Less than 5 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

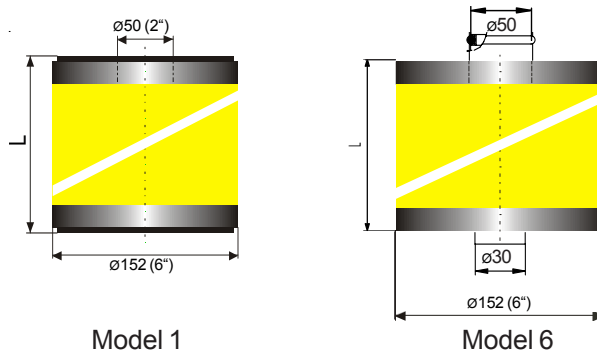
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aviation  
quality guarantees safety

# D-Type Coalescer Elements

Example of marking: **D. 1-842**

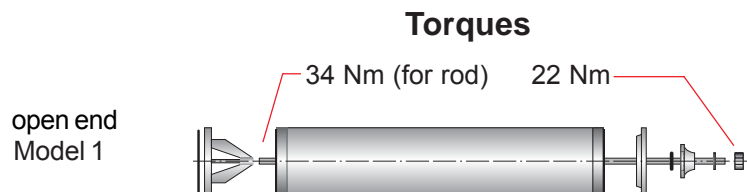
Model type ——— D  
 Endcap design ——— 1  
 Nominal length in mm ——— 842



## END CAP DESIGN

OPEN END			O-ring		
nominal Length L (including sealing)			nominal Length L		
mm	inch	Model 1	mm	inch	Model 6
368	14 <sup>1/2</sup>	D.1-362			
			467	18	D.6-467
848	33 <sup>3/8</sup>	D.1-842			

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



D-Type Coalescer Elements

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