D-Type Coalescer Element

For separation of water and solids from aviation fuels according to TL 4330-0001 (Part 1 & 2), Mil-F-8901E and AM+M 537 B.

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. TL 4330-0001 (Part 1 & 2), MIL-F 8901E & AM+M 537B

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

[1] Manufacturer recommendation
[2] Original packaging, 20°C and max. 50% humidity
 acc. dispatching date out of FAUDI Aviation stock

Standard Design

- Inner tube in epoxy coated steel
- Seals in NBR (Buna-N®)
- Endcaps made out of Polyamid/reinforced glass fibre
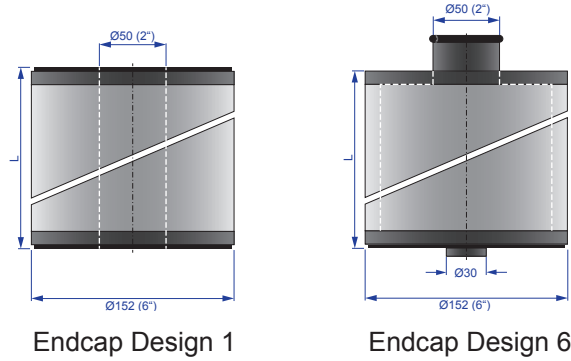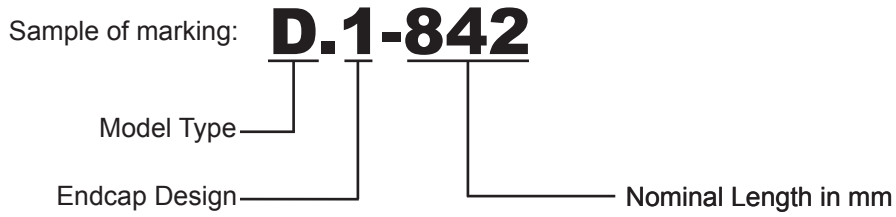- Labeling according to EI (date of manufacturer, ID-Number etc.) on the endcap

Coalescer wrap

Pleated paper filtration section

Support tube

Cotton outer sock
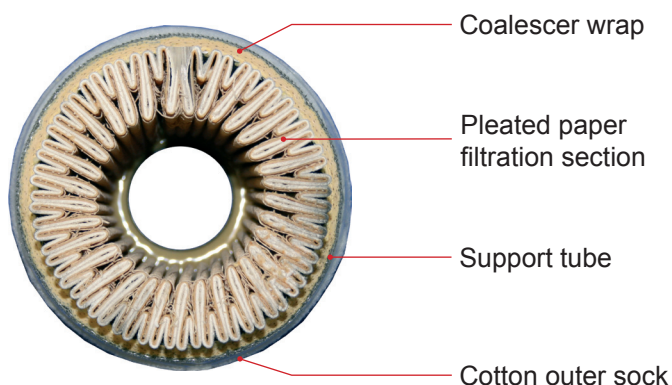
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quality guarantees safety

D-Type Coalescer Element

Sample of Marking

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

Model Type

Endcap Design

Nominal Length in mm

Ø50 (2")

Ø152 (6")

Ø50 (2")

Ø30

Ø152 (6")

Endcap Design 1

Endcap Design 6

	Model 1 (Open-end)		Model 6 (O-Ring)	
	Nominal lenght L (including sealing)		Nominal lenght L	
Model Type	mm	inch	mm	inch
D.1-362	368	14$^{1/2}$		
D.1-842	848	33$^{3/8}$		
D.6-467			467	18

Torques

34 Nm (for center rod)

22 Nm

Flat sealed endcap design 1
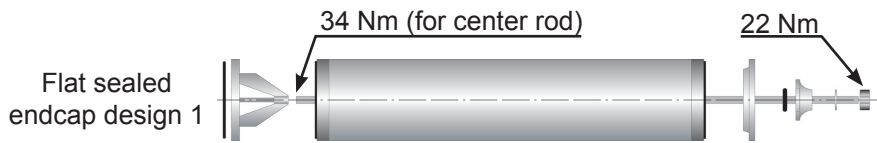
Torques Conversation Table			
ft/lbs	inch/lbs	kg/m	Nm
17	200	2,30	22
20	240	2,80	27
25	300	3,50	34

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