

P-Type Coalescer Elements

For the Separation of Water and Solids from Aviation Fuels according API/IP 1581 5th 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, 5th Edition Category C, Type S

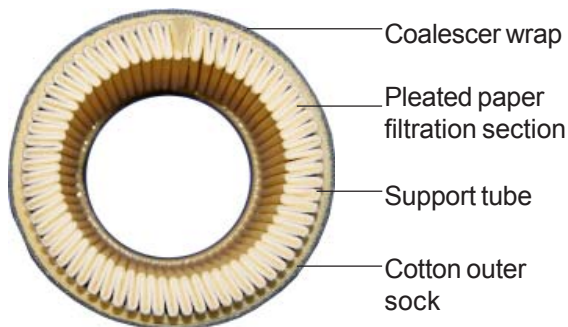
Nominal Filtration:	1µm
Change out differential pressure:	1.1 bar (15 psi)
Burst pressure:	5.2 bar (75 psi)
Recommended Service time:	24 months ¹
Recommended Storage time:	24 months ^{1&2}
Operating Temperature:	min. -30°C / max. 80°C
Flow direction:	In to out
Outside diameter:	152 mm (6")

Standard Design

Inner tube in epoxy coated steel
Seals in NBR (Buna-N)
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

¹ Manufacturer recommendation

² 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

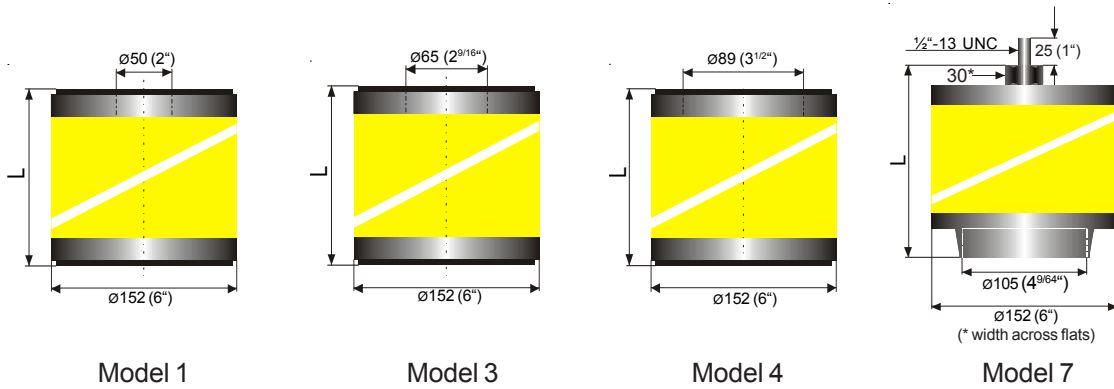
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FAUDI
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quality guarantees safety

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

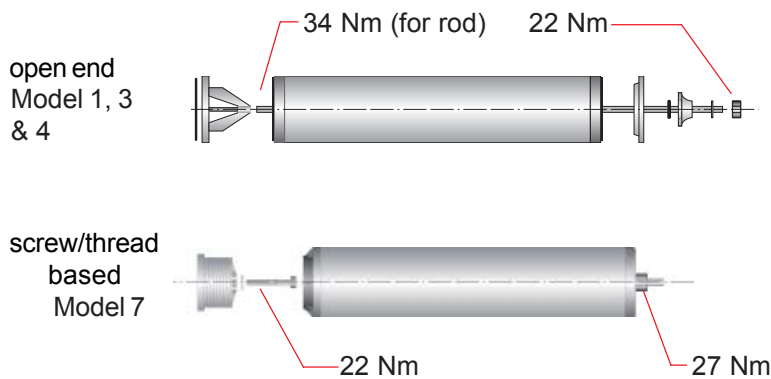
Model type ———— P
 Endcap design ———— 4
 Nominal length in mm ———— 1093



END CAP DESIGN

OPEN END				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			P.4-279			
368	14 1/2			P.4-362	351	14 13/16	P.7-362
473	18 5/8		P.3-467				
565	22 1/4		P.3-559	P.4-559	565	22 1/4	P.7-559
733	28 7/8			P.4-727	705	27 3/4	P.7-727
848	33 3/8	P.1-842	P.3-842	P.4-842	834	32 7/8	P.7-842
971	38 1/4		P.3-965	P.4-965	965	38	P.7-965
1099	43 1/4			P.4-1093	1114	43 7/8	P.7-1093
1428	56 1/4			P.4-1422	1418	56 7/8	P.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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