

Y-Type Coalescer Elements

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

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 API/IP 1581 5th Edition, Category M, Type S and Specification TL4330-0001 Edition 1, Part 3 (Federal Republic of Germany)

Technical Details

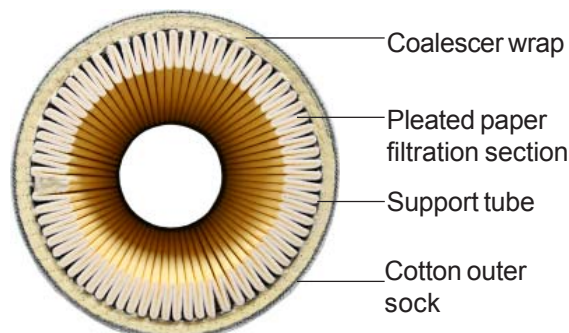
Nominal Filtration:	1µm
Change out differential pressure:	1,1 bar (15 psi)
Burst pressure:	5,2 bar (75 psi)
Recommended Service time:	24 months ¹
Recommended Storage time:	24 months ^{1&2}
Operating temperature:	min. -30°C / max. 80°C
Flow direction:	In to out
Outside diameter:	152 mm (6")

Standard Design

Inner tube in epoxy coated steel
Seals in NBR (Buna-N)
Endcaps made out of carbon steel epoxy coated
Labeling of encaps acc. to API/IP
(date of manufacturer, ID-Number etc.)
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



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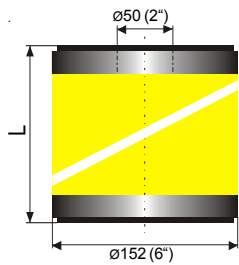


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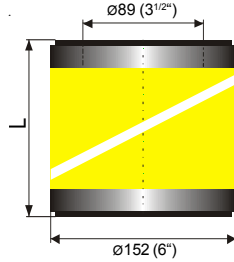
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Example of marking: **Y. 1-842/5**

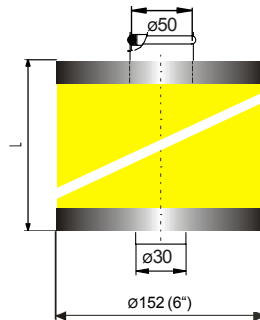
Model type ————
 Endcap design ————
 API/IP 5th Edition
 Nominal length in mm



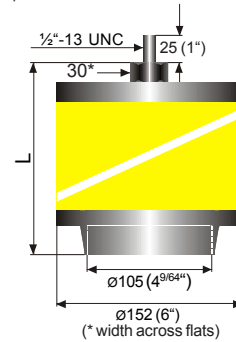
Model 1



Model 4



Model 6



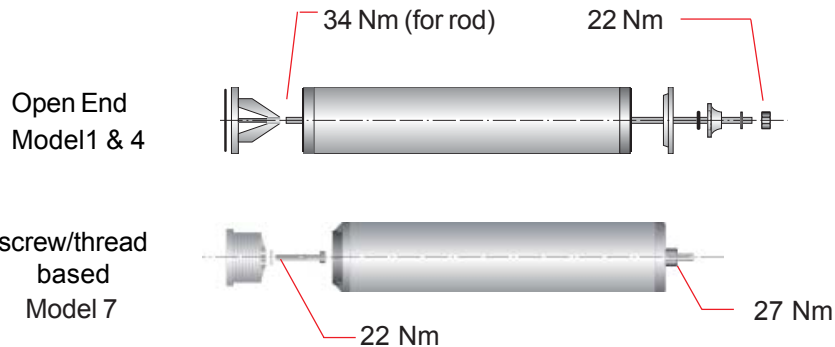
Model 7

END CAP DESIGN

nominal Length (including sealing) mm / inch	OPEN END (Model 1 & 4) / O-ring (Model 6)			SCREW/THREAD BASE
	OPEN END Model 1	OPEN END Model 4	O-ring Model 6	Model 7
368 / 14 1/2	Y.1-362/5			
473 / 18 5/8			Y.6-467/5	
565 / 22 1/4		Y.4-559/5		
848 / 33 3/8	Y.1-842/5			
1418 / 56 7/8				Y.7-1422/5

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

Torques



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