

MAB-DD Flanged

Flanged single cartridge housing for dangerous fluids

MAB-DD flanged housings are designed for the filtration of dangerous fluids that require the use of Stainless Steel materials with high chemical compatibility.

The MAB-DD series is equipped with a system for opening and closing designed in 304 stainless steel clamp with bolts/lock washers and hex brass nuts to avoid seizing.

Housings are available in two lengths and can install a wide range of 10" and 20" filter elements type SOE code 7 for liquids, gases and vapours filtration.



Caratteristiche principali

- Flanged in-line connections.
- Fit for wall fixing (N° 4 M6x6 threaded holes).
- Suitable for dangerous fluids of group no. 1 in accordance with CE 1272/2008.
- Conformity to accordance with PED (Pressure Equipment Directive) and with ATEX for equipment used in potentially explosive areas.

Construction materials

Housing:	316 Stainless Steel
Clamp closure:	304 Stainless Steel
Gaskets:	Viton (standard)

Surface finishing

Type L	Head: blasted & electropolished Bowl-welded : external polished / internal finely brushed & pickled
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Design and construction

In accordance to the European Directive PED 2014/68/UE and ATEX 2014/34/UE

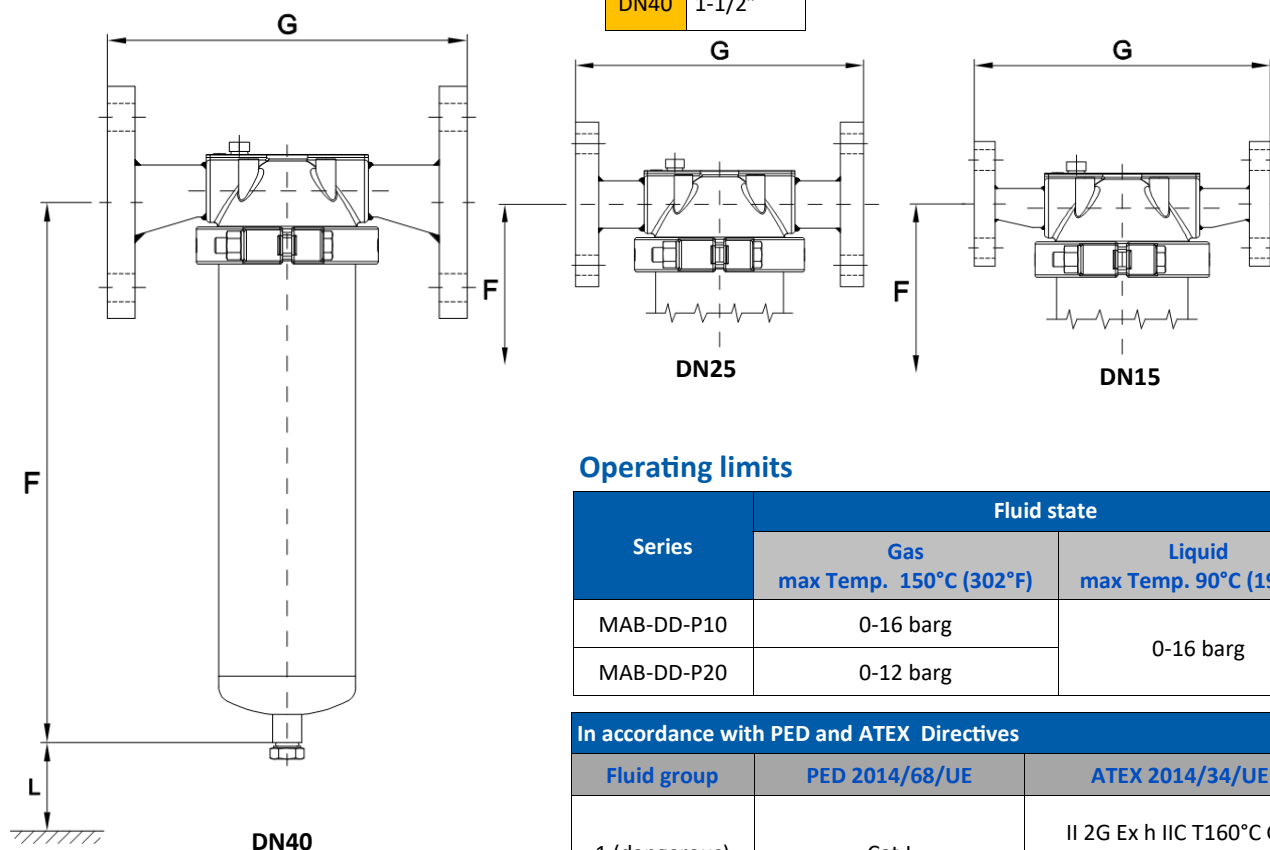
Documentation

UE declaration of conformity PED / ATEX and user guide.

Modello	Connections In-Out A—B	Cartridges	Weight	Volume	Vent C	Drain D	Nominal dimension (mm) + 5		
	EN 1092-1	Size	Kg	L	ISO 228	ISO 228	G	F	L
MAB-DD-P10-B7-DN15-L-FS	DN 15	SOE 2071	5,2	2,5	1/8"	1/4"	210	407	330
MAB-DD-P10-B7-DN25-L-FS	DN 25		6,2	2,5			210	401	
MAB-DD-P10-B7-DN40-L-FS	DN 40		8,5	2,5			234	395	
MAB-DD-P20-B7-DN15-L-FS	DN 15	SOE 2072	6,5	3,9			210	703	580
MAB-DD-P20-B7-DN25-L-FS	DN 25		7,5	3,9			210	695	
MAB-DD-P20-B7-DN40-L-FS	DN 40		9,7	4,0			234	688	

Code information

Code information										
MAB-DD	—	P10	—	B7	—	DN25	—	L	—	FS
Series		Cartridge Length		Cartridge Size		IN-OUT Connections		Surface Finising		O-ring material
		P10	10"	B7	SOE code 7	DN15	1/2"	L	Standard	FS FEP + Silicone
		P20	20			DN25	1"			
						DN40	1-1/2"			



Operating limits

Series	Fluid state	
	Gas max Temp. 150°C (302°F)	Liquid max Temp. 90°C (194°F)
MAB-DD-P10	0-16 barg	0-16 barg
MAB-DD-P20	0-12 barg	

In accordance with PED and ATEX Directives		
Fluid group	PED 2014/68/UE	ATEX 2014/34/UE
1 (dangerous)	Cat.I	II 2G Ex h IIC T160°C Gb II 2D Ex h IIIC T160°C Db

Accessories

Model	Description
KC-V-B-M8-XX-GF-PN40	Ball drain valve S.S. 304 1/4" MF gas

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The data are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.