

BASKET FILTER VESSEL

POROMESH® 230-300-380 MR SERIES



FILTER TO BE FITTED WITH

- ▶ A Poromesh® basket filter (sheet FTQ/1PD/01/A, pages 38-39)

DESCRIPTION

- ▶ Quick-open cover with swing bolts
- ▶ Filtration ratings: 25 µm to 10 mm
- ▶ Material: 316L stainless steel (wetted parts)
- ▶ Seal: Nitrile (Viton or EPDM available as spares See "Spare seals kit").
- ▶ Connections: BSP thread (model 231) or pressed loose flanges
- ▶ Operating conditions

Pressure: 10 bar max. at 100°C

ATEX marking: on request

OPTIONS

- ▶ Cover lifting davit (included for the 386MR and 388MR)
- ▶ Can receive a magnetic system (sheet FTQ/1PD/02E/A, pages 40-41)

APPLICATION : Liquids, group 1 and 2 as per PED 2014/68/EU

RECOMMENDED MAXIMUM FLOW RATE IN M³/H

Coding	Filtration ratings			
	25-50 microns	60-100 microns	100-510 microns	>510 microns
VPA 231 MR S6	27	27	27	27
VPA 232 MR S6	43	43	43	43
VPA 233 MR S6	43	57	61	61
VPA 301 MR S6 (P)	70	93	102	102
VPA 302 MR S6 (P)	70	93	112	167
VPA 386 MR S6 P	103	138	165	228
VPA 388 MR S6 P	131	175	210	315

Recommended flow rate for pressure drop of 0.150 bar
Viscosity equivalent to that of water.

CODING SYSTEM

VPA Basket filter	301 Inlet/Outlet	MR Swing bolts	S6 Material	P Davit
231: 2" BSP male 232: DN65 PN10 233: DN80 PN10 301: DN100 PN10 302: DN150 PN10 386: DN150 PN10 388: DN200 PN10			S6: 316L Stainless steel	_ : without davit P: with davit

AS A MANUFACTURER, we can adapt the filters to your particular conditions. Our Design Office can design filters adapted to your usages.



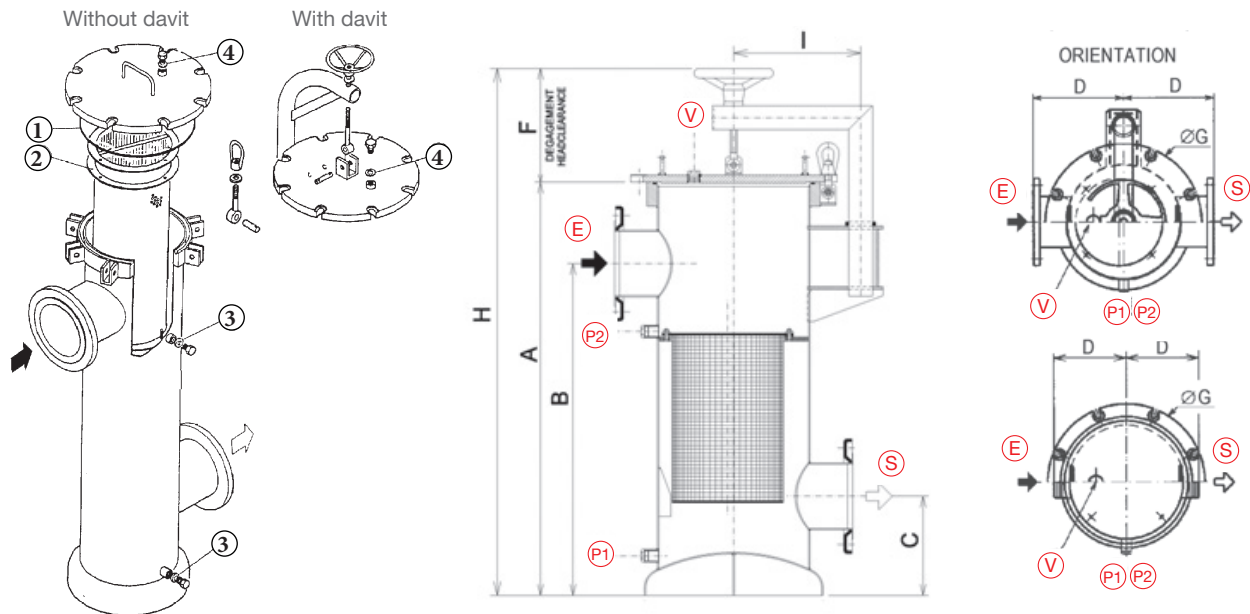
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DIMENSIONS AND CONNECTIONS

	Model	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Weight (kg)	Vol. (L)	Inlet/Outlet (E) (S)	Vent (V)	Drain (P)
230 MR series	231 MR	730	600	125	160	500	353	/	/	37	27	Ø2" BSP male	Ø3/8" BSP female	Ø3/4" BSP female
	232 MR			39	30					DN65 PN10*				
	233 MR			40	30					DN80 PN10*				
300 MR series	301 MR	960	750	250	250	600	427	/	/	49	70	DN100 PN10*	Ø3/8" BSP female	Ø3/4" BSP female
	301 MR (davit)							1245	285	56		DN150 PN10*		
	302 MR							/	/	50				
	302 MR (davit)							1245	285	57				
380 MR series	386 MR (davit)	1115	910	250	300	700	520	1400	320	125	125	DN150 PN10*	Ø3/8" BSP female	Ø3/4" BSP female
	388 MR (davit)	1320	1090			850		1605		135	145	DN200 PN10*		

*Pressed loose flanges



SPARE SEALS KIT containing:				
2 cover seals ① + 1 basket seal ②				
+ 2 drain seals ③ + 1 vent seal ④				
Series	Nitrile code	Viton code	EPDM code*	FEP / Viton code
230 MR	3KIN230MRREC	3KIV230MRREC	3KIE230MRWREC	3KIT230MRREC
300 MR	3KIN300MRREC	3KIV300MRREC	3KIE300MRWREC	3KIT300MRREC
380 MR	3KIN380MRREC	3KIV380MRREC	3KIE380MRWREC	3KIT380MRREC

SPARE PARTS	
Item	Article code
Swing bolt for 230MR and 300MR	3BB14L65C
Swing bolt for 380MR	3BB16L80C

* EPDM seals: compliant with the requirements of the FDA, ACS and 1935/2004 EU