

# BAG FILTER VESSEL

## 2PO SERIES



### FILTER TO BE FITTED WITH

- ▶ Two bags - Size 20

### GEOMETRY OF THE BAG

- ▶ Standard U bag
- ▶ W bag: 45% more surface area to filter higher flow rates or extend the lifespan of the bag
- ▶ Wide selection of felt, monofilament or HP felt bags with O-ring or molded "AMP" ring (sheet FTQ/1PO/01E/A, pages 22-26)

### DESCRIPTION

- ▶ Rapid opening cover with swing bolts
- ▶ Fully drainable through bottom outlet
- ▶ Adjustable feet
- ▶ **Material:** 316L stainless steel (wetted parts)
- ▶ **Seal:** Nitrile (Viton or EPDM available as spares See "Spare seals kit")
- ▶ **Connections:** pressed loose flanges
- ▶ **Finish:** polished
- ▶ **Operating conditions:**

Pressure: 10 bar max. at 100°C

ATEX marking: on request

### OPTIONS

Can receive a non-return device or a magnetic system or a volume reducer (sheet FTQ/1PO/04E/A, page 29) or a basket on request

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

### RECOMMENDED MAXIMUM FLOW RATE IN M<sup>3</sup>/H

Coding	Bag size	Flow rate
VPO2PO31E	<b>20</b> Ø180mm L 820mm	60
VPO2PO31EWS6	<b>20W</b> Ø180mm L 820mm	90

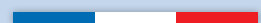
Recommended flow rate for pressure drop of 0.150 bar  
Viscosity equivalent to that of water

- Felt bag, 1 to 100 µm
- Monofilament bag, 5 to 1,000 µm

### CODING SYSTEM

VPO Bag filter	2PO31 Model	E Bag support
		E: U bag EWS6: W bag

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



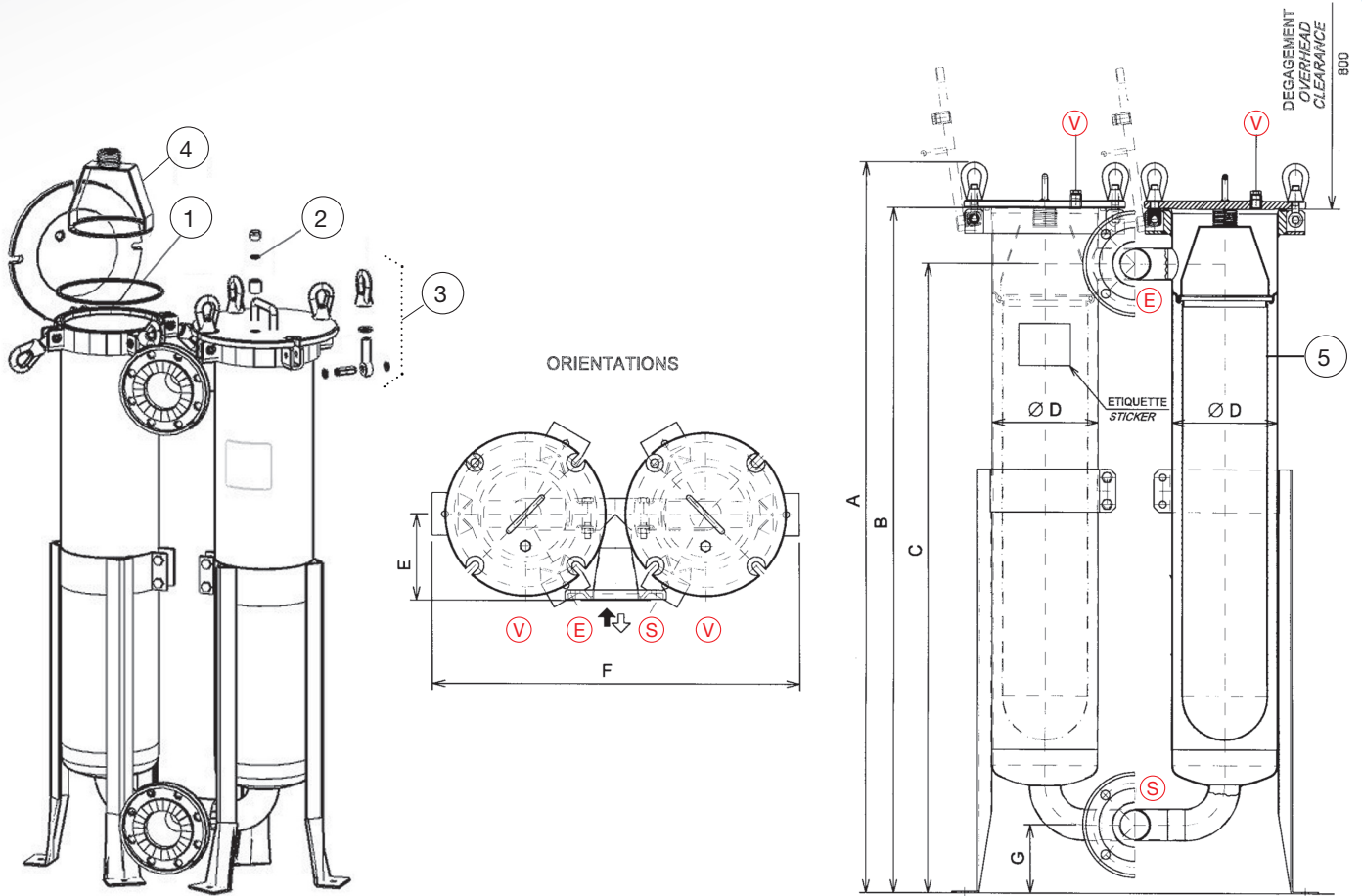
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### DIMENSIONS AND CONNECTIONS

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)	Vol. (L)	Inlet/Outlet (E S)	Vent (V)
2PO31	1280	1195	1090	204	163	705	130	110	70	DN80 PN10*	Ø3/8" BSP female
2PO31 W					239					DN100 PN10*	

\*Pressed loose flanges



SPARE SEALS KIT	
containing: 4 cover seals + ① 2 vent seals ②	
Material	Article code
Nitrile	3KIN2PO31SREC
Viton	3KIV2PO31SREC
EPDM *	3KIE2PO31SWREC
FEP / Viton	3KIT2PO31SREC

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

SPARE PARTS	
Item	Article code
⑤ Standard U bag support	3SPPO31S6ED
W bag support	3SPTPO31S6WSTD
③ Swing bolt	3BB14L65C
④ Hold down ring	3DAPO18S6181