

Type BFOT 1/2 Bag filter housing

The filter housing type BFOT 1/2 are highend welding stainless steel structures for installing a filter bag of size 1 or 2. They consist of a vertical cylindrical vessel shell with casted lids and casted bag support. The lid is sealed by an O-ring and is hinged with a hinge and remains while opening on the vessel. The closure is designed with eye-bolts and ring nuts. The topline design allows a optimal inlet flow into the filter bag through the lid and a short overall length for the same filter area.

The filter housings are electropolished inside and outside and equipped with adjustable legs.

TECHNICAL DATA

BFOT 1/2

| | |
|----------------------------|-----------------------------------|
| Inlet and outlet (N1/N2) | DN65 / DN50 / R2" |
| Vent, Drain (N3, N4) | G 1/2 |
| Material | Stainless Steel AISI 316 (1.4401) |
| Gasket | O-ring FPM* |
| Max. operating pressure | 10 bar / 16 bar |
| Max. operating temperature | -10/+80°C |

* other sealing materials on request

ORDERING INFORMATIONS OF FILTER HOUSINGS BFOT 1/2

| | | |
|--|--|---|
| BFOT2-10/F50 | | Connection |
| Housing type | | F50 = flange DN50 PN16; DIN 2633, C |
| BFOT = bag filter topline | | F65 = flange DN65 PN16; DIN 2633, C |
| Bag filter size | | R2 = External thread R2" |
| 1 = size 1, ca. 0,25 m ² | | Pressure |
| 2 = size 2, ca. 0,50 m ² | | 10 = 10 bar |
| | | 16 = 16 bar |

CONSTRUCTION

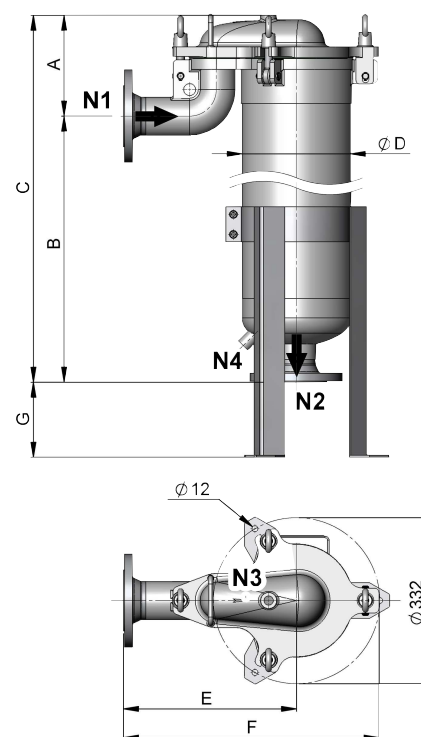
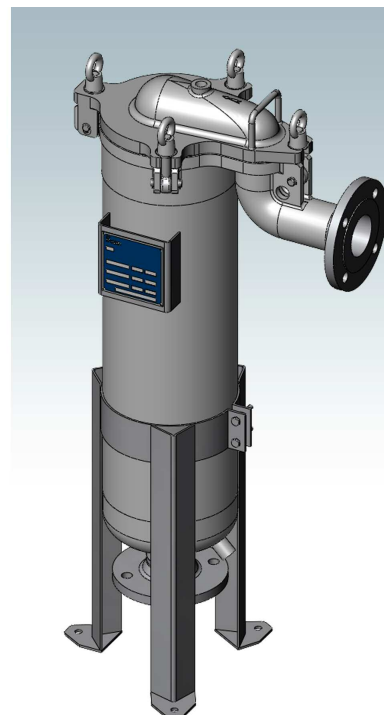
- Declaration of conformity acc. DGRL 2014/68/EU • Classification acc. Art.4, Paragraph 3
- Approved for the operation with fluids only of group 2 (not dangerous)

DIMENSIONS

| Housing type | Filter area (m ²) | Connection (N1/N2) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) |
|--------------|-------------------------------|--------------------|--------|--------|--------|--------|--------|--------|----------|
| BFOT1-DN50 | ~0.25 | DN50 PN16 | 200 | 385 | 585 | ø216 | 420 | 600 | max. 250 |
| BFOT1-R2 | ~0.25 | R2" | 200 | 360 | 560 | ø216 | 430 | 610 | max. 250 |
| BFOT2-DN50 | ~0.5 | DN50 PN16 | 200 | 735 | 935 | ø216 | 420 | 600 | max. 350 |
| BFOT2-R2 | ~0.5 | R2" | 200 | 710 | 910 | ø216 | 430 | 610 | max. 350 |
| BFOT2-DN65 | ~0.5 | DN65 PN16 | 200 | 735 | 935 | ø216 | 330 | 510 | max. 350 |

Subject to technical alterations.
AL1005-01

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BFOT 1/2