The Fuhr GmbH is a competent partner for industrial filter technology since 1972 and deals with filter systems for liquid and gaseous media. The acuraLine® product line includes liquid filters, gas filters and compressed air filters. These products consist of filter cartridges, filter bags and filter modules. The acuraLine® industrial filters further include the engineering and the production of filter housings such as bag filter housing, cartridge filter housing as well as basket filters and self cleaning filters.
BAG FILTER SERIES ALSI3/4

ALS4-10/G40-A2
Bag filter housing size 4
Material: 1.4301
Operating datas: 10bar / -10/+80°C
Connections: Bushing 1 1/2”
please ask for our offer

***TECHNICAL DATA***

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Gasket</th>
<th>Max. Pressure</th>
<th>Max. Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALSI3 / ALSI4</td>
<td>AISI 304 (1.4301) or AISI 316 (1.4401)</td>
<td>O-Ring NBR*</td>
<td>10 bar</td>
<td>-10/+90°C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* other gasket materials are possible

***DIMENSIONS***

<table>
<thead>
<tr>
<th>Vessel Type</th>
<th>Filter Area (m²)</th>
<th>Connection in/out (N1/N2)</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>D (mm)</th>
<th>E (mm)</th>
<th>F (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALSI3-10/G40-A2</td>
<td>~0,10</td>
<td>Rp 1 1/2”</td>
<td>380</td>
<td>299 ±5</td>
<td>60</td>
<td>ø114,3</td>
<td>~180</td>
<td>110 ±5</td>
</tr>
<tr>
<td>ALSI4-10/G40-A2</td>
<td>~0,15</td>
<td>Rp 1 1/2”</td>
<td>535</td>
<td>454 ±5</td>
<td>60</td>
<td>ø114,3</td>
<td>~180</td>
<td>110 ±5</td>
</tr>
</tbody>
</table>

***CONSTRUCTION***

• Declaration of conformity acc. DGRL 97/23/EG
• Classification acc. Art.3, Paragraph 3
• Approved for the operation with fluids only of group 2 (not dangerous)

Subject to technical alterations.

ALSI4-10/G40-A2
**BAG FILTER SERIES ALBF1/2**

**ALBF2-10/G50-A2**
Bag filter housing size 2
Material: 1.4301
Operating data: 10 bar / -10/+80°C
Connections: Bushing 2"

*please ask for our offer*

---

**ALBF FILTER HOUSING**

**NOZZLE INDEX**

<table>
<thead>
<tr>
<th>Connection</th>
<th>Size</th>
<th>Type</th>
<th>DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>N1</td>
<td>Rp 2</td>
<td>Inlet</td>
<td>DIN 2999</td>
</tr>
<tr>
<td>N2</td>
<td>Rp 2</td>
<td>Outlet</td>
<td>DIN 2999</td>
</tr>
<tr>
<td>N3</td>
<td>Rp 1/4</td>
<td>Manometer / Vent</td>
<td>DIN 2999</td>
</tr>
</tbody>
</table>

**SPECIFICATION**

- Max. allow. pressure: 10 bar
- Test pressure: 14.3 bar
- Max. allow. temperature: -10/+80°C
- Volume: 27 l
- Material housing: AISI 304
- Material main gasket: O-Ring NBR
- Material support gasket: Profile gasket NBR
- Material bolts: Stainless steel
- Weight: 23 kg
BAG FILTER SERIES BFOS1/2

BFOS2-10/G50-A2
Bag filter housing Gr.2
Material: 1.4301
Operating datas: 10bar / -10/+80°C
Connections: Bushing 2"
please ask for our offer

TECHNICAL DATA
BFOS

<table>
<thead>
<tr>
<th>Connection</th>
<th>Size</th>
<th>Type</th>
<th>DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>N1</td>
<td>Rp 2</td>
<td>Inlet</td>
<td>DIN 2999</td>
</tr>
<tr>
<td>N2</td>
<td>Rp 2</td>
<td>Outlet</td>
<td>DIN 2999</td>
</tr>
<tr>
<td>N3</td>
<td>Rp 1/4</td>
<td>Vent</td>
<td>DIN 2999</td>
</tr>
<tr>
<td>N4</td>
<td>Rp 1/4</td>
<td>Manometer</td>
<td>DIN 2999</td>
</tr>
<tr>
<td>N5</td>
<td>Rp 1/2</td>
<td>Drain</td>
<td>DIN 2986</td>
</tr>
<tr>
<td>N6</td>
<td>Rp 1/4</td>
<td>Differential Pressure Measurement</td>
<td>DIN 2999</td>
</tr>
<tr>
<td>N7</td>
<td>Rp 1/4</td>
<td>Differential Pressure Measurement</td>
<td>DIN 2999</td>
</tr>
</tbody>
</table>

Max. allow. Pressure 10 bar
Test Pressure 14,3 bar
Max. allow. Temperature -10/+80°C
Volume 28 l
Material Housing AISI 304
Material Gasket O-Ring FPM
Material Bolts Stainless Steel
Weight 36 kg

DIMENSIONS
BFOS1-F50-A2
~0,25
DN50 PN16
110
556
765
Ø204
max. 275

BFOS2-F50-A2
~0,5
DN50 PN16
110
920
1130
Ø204
max. 275

BFOS2-F80-A2
~0,5
DN80 PN16
110
920
1130
Ø204
max. 275

CONSTRUCTION
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ORDERING INFORMATION OF FILTER HOUSINGS
BFOS
BFOS2-10/F50-A2
Material
A2 = Stainless Steel AISI 304
A4 = Stainless Steel AISI 316 (on request)
Connection
F50 = Flange DN50 PN16; DIN 2633, C
F50S = Flange DN50 PN16; DIN 2633, C*
F80 = Flange DN80 PN16; DIN 2633, C
F80S = Flange DN80 PN16; DIN 2633, C*
G50 = Bushing Rp 2"
Bag filter size
1 = size 1, ca. 0,25 m²
2 = size 2, ca. 0,50 m²
Pressure
10 = 10 bar

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www.fuhr-gmbh.com

ACURALINE®
**PRODUCT OVERVIEW**

**BAG FILTRATION**

**BAG FILTER SERIES BFOT(S)**

**BFOTS2-10/F50-A2**

Bag filter housing size 2

- Material: 1.4301
- Operating datas: 10bar / -10/+80°C
- Connections: Flange DN50 PN16

Please ask for our offer

---

**ORDERING INFORMATION**

- **BFOTS2**
  - **BFOTS2-10/F50-A2**
  - **Material**: AISI 304 (1.4301)
  - **Connection**: Flange DN50 PN16; DIN 2633, C
  - **Pressure**: 10 bar
  - **Design**: SLIM LINE
  - **Bag size**: 2
    - **Filter area**: ca. 0.50 m²
  - **Housing type**: BFOT

The filter housing type BFOTS2 are inexpensive welding stainless steel structures for installing a filter bag of size 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 an optimal inlet flow into the filter bag through the lid and a short overall length for the same filter area. Additional connections and a casted bolting on both sides enable a rapid installation of a differential pressure gauge.

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

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**TECHNICAL DATA**

**BFOTS2**

- **Inlet and outlet**: DN50 PN16
- **Vent**: Rp 1/2
- **Drain**: Rp 1/2
- **Differential pressure**: Rp 1/4

**Material**: Stainless Steel AISI 304 (1.4301)

**Gasket**: O-ring FPM*

**Max. operating pressure**: 10 bar

**Max. operating temperature**: -10/+80°C

* other sealing materials on request

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**DIMENSIONS**

**BFOTS2-S-10/F50-A2**

- **Filter area**: ~0.5 m²
- **Connection**: DN50 PN16
- **Dimensions**:
  - **A**: 166 mm
  - **B**: 810 mm
  - **C**: ~976 mm
  - **D**: ø204 mm
  - **E**: 321 mm
  - **F**: 488 mm
  - **G**: max. 275 mm

---

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---

**OPTIONAL**

- Differential pressure gauge mounted
THANK YOU FOR YOUR ATTENTION

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