BF Series
Single Bag Housings: #1, #2, #3 and #4 sizes

- Designed for industrial and commercial filter applications
- Heavy duty construction for maximum durability
- 1/8” perforated stainless steel basket (optional perforations and mesh sizes available)
- #1 and #2 Size Housings:
  - Available in 316L Stainless Steel, 304L Stainless Steel or Carbon Steel construction for a wide range of chemical compatibility
  - Clamp or Swing Bolt closures
  - Stainless steel compression spring provides positive bag sealing
  - Adjustable stainless steel leg assembly
  - 1/4” FNPT gauge ports and 1/2” FNPT drain port
- #3 and #4 Size Housings:
  - 316 Stainless Steel construction
  - Clamp closure for easy bag change outs
  - Optional compression spring and adjustable mounting legs

Applications
Water
Chemicals
Food & Beverage
Electronics
Oil
Inks / Paints / Coatings
Coolants
Pulp & Paper

Specifications & Operating Parameters

**Maximum Operating Pressure**
150 psig (10.3 bar) @ 300°F (149°C)

**Connections**
Inlet / Outlet: 2” FNPT (#1 and #2 Sizes)
3/4”, 1” and 1 1/2” FNPT (#3 and #4 Sizes)
Optional: RF Flanges or Sanitary Ferrules

Drain Port: 1/2” FNPT (#1 and #2 Sizes)
Gauge Ports: 1/4” FNPT - clean and dirty sides (#1 and #2 sizes)
Vent Port: 1/4” NPT Plug

**Gaskets**
Buna N
Optional: EPR, Silicone, Teflon Encapsulated Silicone, Viton

**Baskets**
1/8” perforated stainless steel
Options: various perforation and mesh sizes

**Materials of Construction**
Head / Shell:

- #1 and #2 Sizes
  - 316L Stainless Steel, 304L Stainless Steel, Carbon Steel

- #3 and #4 Sizes
  - 316L Stainless Steel

Eye Nuts: Zinc plated steel
Mounting Legs: 304L Stainless Steel

**Options**
- Side Inlet / Side Outlet (#1 and #2 sizes)
- 134 epoxy coating for seawater and corrosive applications
See ordering guide for complete selection of options

www.shelco.com
Customization

Housings may be customized to meet your precise requirements. Contact Shelco’s technical support staff or your distributor for more information.

<table>
<thead>
<tr>
<th>MODEL AND BAG SIZE</th>
<th>CLOSURE</th>
<th>MAX FLOW RATE* GPM (LPM)</th>
<th>DRAIN SIZE</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BFS-1 / BFC-1</td>
<td>Clamp or Swing Bolt</td>
<td>70 (265)</td>
<td>1/2'</td>
<td>18 7/8&quot; (47.9 cm)</td>
</tr>
<tr>
<td>BFS-2 / BFC-2</td>
<td>Clamp or Swing Bolt</td>
<td>150 (567)</td>
<td>1/2'</td>
<td>34 7/8&quot; (88.6 cm)</td>
</tr>
<tr>
<td>BFS-3</td>
<td>Clamp</td>
<td>25 (95)</td>
<td>16 9/16&quot; (42.1 cm)</td>
<td>10 3/8&quot; (26.4 cm)</td>
</tr>
<tr>
<td>BFS-4</td>
<td>Clamp</td>
<td>40 (151)</td>
<td>22 7/8&quot; (58.1 cm)</td>
<td>16 11/16&quot; (42.4 cm)</td>
</tr>
</tbody>
</table>

*Flow rates are guidelines only. Actual flow rates are based upon fluid, viscosity, bag type, micron ratings and other factors

Orders Guide (Example:BFS-2SB-2-316-B )

<table>
<thead>
<tr>
<th>MODEL</th>
<th>BAG SIZE</th>
<th>CLOSURE</th>
<th>PIPE SIZE</th>
<th>MATERIAL</th>
<th>CONNECTION ORIENTATION</th>
<th>GASKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>BFS</td>
<td>- 2 SB</td>
<td>Clamp or Swing Bolt</td>
<td>2&quot; FNPT (standard)</td>
<td>2F = 2&quot; RF Flange</td>
<td>Blank = Side In / Bottom Out</td>
<td>B = Buna N (Standard)</td>
</tr>
<tr>
<td>BFS</td>
<td>- 316</td>
<td>Clamp or Swing Bolt</td>
<td>3&quot; FNPT</td>
<td>3F = 3&quot; RF Flange</td>
<td>2 = Side In / Side Out</td>
<td>E = EPR</td>
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<tr>
<td>BFS</td>
<td>- 316</td>
<td>Clamp or Swing Bolt</td>
<td>2TC = 2&quot; Sanitary Ferrules</td>
<td>134 = 134 Coating over 304 SS*</td>
<td>2 = Side In / Side Out</td>
<td>S = Silicone</td>
</tr>
<tr>
<td>BFS</td>
<td>- 316</td>
<td>Clamp or Swing Bolt</td>
<td>304 = 304 SS</td>
<td>316 = 316 SS</td>
<td>2 = Side In / Side Out</td>
<td>V = Viton</td>
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<tr>
<td>BFS</td>
<td>- 316</td>
<td>Clamp or Swing Bolt</td>
<td>134 = 134 Coating over 304 SS*</td>
<td>2 = Side In / Side Out</td>
<td>2 = Side In / Side Out</td>
<td>Hold Down Spring Recommended</td>
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<tr>
<td>BFS</td>
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<td>Clamp or Swing Bolt</td>
<td>304 = 304 SS</td>
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* Note: 134 Coating must have swing bolt closure and flanged connections.

Customization

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