FOS, FOSBN and FOC Series
Single Cartridge Filter Housings with Bolt & Nut Closure for Liquids

Request a Quote Today!

- Designed for industrial and commercial filter applications
- Heavy duty construction for maximum durability
- Various materials of construction for wide range of process requirements
  - 304L or 316L stainless steel
  - Brass nickel plated head with 304L SS body
  - Cast Iron Head with a steel body
- Accepts Double Open-End (DOE) cartridges
- Numerous gasket options for compatibility with most fluids
- Bolt-nut-closure design for quick cartridge change outs (T-handle optional)
- In line connections for easy installation
- Knife edge seals at both end of cartridge housing eliminate potential bypass.

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

Specifications & Operating Parameters

Maximum Operating Pressure
250 psig (17 bar) @ 275°F (135°C)

Connections
Inlet /Outlet: 1/2", 3/4" or 1" FNPT
1/4" and 3/8" only available for FOC Series
Optional: BSPT, BSPP, RF Flanges, Sanitary Ferrules or Grooved Fittings

Drain Port: 1/8" NPT (1/4" for FO-38 models)

Gaskets
Buna
Optional: EPR, Silicone, Viton, Teflon, Neoprene, Vellumoid

Materials of Construction
Head / Shell: FOS - 304L or 316L Stainless Steel
FOSBN - Brass nickel plated / 304L Stainless Steel
FOC - Cast iron head / carbon steel

Drain: FOS - Stainless Steel Plug
FOSBN - Brass Petcock
FOC - Brass Petcock

Options
- Vent Port with Vent Screw
- Gauge Ports
- Bracket Kit
- Variable Spring Load Seal
- Tee Handle
See Ordering Guide for complete selection of options

www.commercialfiltrationsupply.com
Customization

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

Dimensions

Ordering Guide (Example: FOS-786-316-TH-E)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>QUANTITY (LENGTH) OF CARTRIDGES</th>
<th>RATED FLOW CAPACITY* (GPM/LPM)</th>
<th>MAXIMUM DIAMETER CARTRIDGE</th>
<th>DRAIN SIZE</th>
<th>STANDARD</th>
<th>SPRING LOADED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>FO-38</td>
<td>1 (3 3/4&quot;)</td>
<td>1.75 (6.6)</td>
<td>2 3/4&quot;</td>
<td>1/4&quot;</td>
<td>7 11/16&quot; (19.5)</td>
<td>5 3/4&quot; (26.1)</td>
</tr>
<tr>
<td>FO-39</td>
<td>1 (4 7/8&quot;)</td>
<td>3.5 (132)</td>
<td>2 3/4&quot;</td>
<td>1/8&quot;</td>
<td>8 7/8&quot; (22.5)</td>
<td>6 15/16&quot; (17.6)</td>
</tr>
<tr>
<td>FO-78</td>
<td>1 (9 3/4&quot;)</td>
<td>7 (26.5)</td>
<td>2 3/4&quot;</td>
<td>1/8&quot;</td>
<td>13 3/4&quot; (34.9)</td>
<td>11/13/16&quot; (33.0)</td>
</tr>
<tr>
<td>FO-80</td>
<td>1 (20&quot;)</td>
<td>14 (53.0)</td>
<td>2 3/4&quot;</td>
<td>1/8&quot;</td>
<td>23 7/8&quot; (60.6)</td>
<td>21 15/16&quot; (55.7)</td>
</tr>
<tr>
<td>FO-90</td>
<td>1 (30&quot;)</td>
<td>21 (79.5)</td>
<td>2 3/4&quot;</td>
<td>1/8&quot;</td>
<td>33 7/8&quot; (86.0)</td>
<td>31 15/16&quot; (81.1)</td>
</tr>
</tbody>
</table>

* Based upon 7 gpm per 10" length with a 25 micron wound cartridge at 2 PSID clean and viscosity of 1 cps. Flow rates are for guidelines only. Actual flow rates are based on fluid, viscosity, cartridge type, micron ratings and other factors.

For pricing and information please call
Commercial Filtration Supply at (855)-236-0467
Visit us Online at: www.commercialfiltrationsupply.com for more filtration products.