

SB Series

Single Bag Filter Housings



*Commercial / Industrial
Filtration Applications*

Standard Features

#1 and #2 Size Filter Housings:

- Designed for commercial or industrial filter applications
- Heavy-duty 304L or 316L stainless steel construction for maximum durability and corrosion resistance
- V-band clamp or swing bolt closures for quick and easy bag change-outs and secure sealing
- Stainless steel compression spring for positive bag sealing
- 1/4" FNPT gauge ports and 1/2" FNPT drain port
- Adjustable stainless steel leg assembly
- Uses #1 (7x16-1/2") or #2 (7x32") filter bags

Specifications, Operating Parameters and Options

Maximum Operating Pressure

150 psig (10.3 bar) @ 300°F (149°C)

Connections

Inlet/Outlet: Standard – 2" FNPT

Optional: RF flanges or sanitary ferrules

Drain Ports: 1/2" FNPT

Vent Ports: 1/4" FNPT – clean and dirt sides

Materials of Construction

Head/Shell/Connections: 304L or 316L stainless steel, coated or electropolished

Closure: Clamp – 304L stainless steel

Swing bolts – Zinc plated steel

Vent and Drain Plugs: 304L or 316L stainless steel

Gaskets

Standard: Buna N (FDA grade)

Optional: EPR, silicone, Teflon encapsulated silicone, Viton

Finish

Glass bead on exterior, exterior surfaces



Applications

- Water
- Food and Beverage
- Electronics
- Coolants
- Oil / Gas
- Paints / Inks / Coatings
- Paper and Pulp
- Chemicals

| MODEL AND BAG SIZE | CLOSURE | MAXIMUM FLOW* GPM (LPM) | DRAIN SIZE |
|--------------------|---------------------|-------------------------|------------|
| BCSB-1/SBSB-1 | Clamp or Swing Bolt | 70 (265) | 1/2" |
| BCSB-2/SBSB-2 | Clamp or Swing Bolt | 200 (757) | 1/2" |

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

Ordering Guide (Example: BCSB1-316L-2FL-B-E)

| BCSB | 1 | - | 316L | - | 2 | FL | - | B | HP | - | E |
|--|----------------------------|--|-------------------|---|---|---|--|---|----|---|---|
| MODEL | BAG SIZE | MATERIAL | INLET/OUTLET SIZE | CONNECTION TYPE | ORIENTATION | OPTIONS | GASKET | | | | |
| BCSB = Band Clamp Single Bag SBSB = Swing Bolt Single Bag | 1 = 7x16-1/2" 2 = 7x32" | 304L = 304L 316L = 316L 304LC = 304L Coated 316LC = 316L Coated 304LEP = 304L Electropolished 316LEP = 316L Electropolished C = Carbon Steel | 2 = 2" 3 = 3" | Blank = FNPT FL = RF Flange TC = Ferrules | Blank = Side In/ Side Out (standard) B = Side In/ Bottom Out | Blank = Mounting Legs, Gauge Ports (Standard) PG = Pressure Gauges (2) P = Passivate U = ASME Code "U" Stamp NS = Built to ASME Code/no Stamp HP = High Pressure (up to 250psi) | Blank = Buna N (standard) E = EPR S = Silicone V = Viton T = Te flon Encapsulated Silicone | | | | |

Cartridge Options



Options Available:

Bag Construction: Felt, high efficiency melt blown polypropylene, monofilament mesh and multifilament mesh

Material Selection: Polypropylene, polyester, and nylon

Media: Polypropylene glazed, high efficiency polypropylene, polypropylene monofilament, polyester glazed, polyester monofilament, polyester multifilament, nylon monofilament, oil absorbent

Micron Sizes: 1, 3, 5, 10, 25, 50, 75, 100, 150, 200, 250, 300, 400, 600, 800, 1000

Ring Material: steel, stainless steel, polypropylene, polypropylene flange, draw string

For more options,
see **Bag Filter Brochures**

Filter Bags
CLICK HERE

High Density Filter Bags
CLICK HERE

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Questions?

Ask one of our Service Representatives:
Mon-Fri 8a-8p, Sat 8:30a-4:30p EST

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