

# Fulflo<sup>®</sup> Single Cartridge Stainless Steel and Brass Filter Vessels Are for Water and Corrosive Fluid Applications

The BSSB models have a 316 stainless steel shell and a four-boss 316 stainless steel head for applications where an all-stainless steel construction is required. The BRSB vessels have a 316 stainless steel shell and feature a four-boss brass head.

The BR4 is for water and aqueous fluids. With a brass head and shell, it offers reliable, leak-free operation in corrosive environments.

#### Applications

- Petrochemicals Coolants Hydraulic Oils Process Water
- Solvents
- Potable Liquids
- Compressed Air

# Features and Benefits

- Single center bolt for quick cartridge change.
- In-line pipe connections for easy installation.
- Bracket kit for installation on drilled head bosses for easy mounting.

#### Spring-loaded bottom seats for positive cartridge sealing.

- O-ring closure seal provides positive sealing.
- Drain and vents standard on all models.

# Stainless Steel

Brass

Filter Vessels

Fulflo<sup>®</sup> Single Cartridge



# **Process Filtration Division**

Bulletin C-3001 Eff. 8/97, Rev. 3/03 © 1997 Parker Hannifin Corporation All Rights Reserved Page 1 of 2



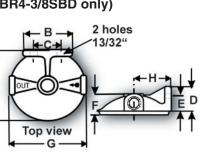
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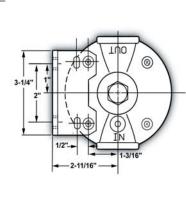
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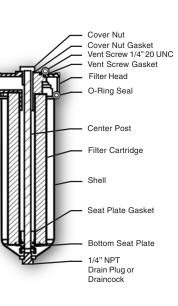
# Bracketed Head Dimensions (in) (BR4-3/8SBD only)

	NPT 3/8 (in)
А	4.22
В	2.75
С	1.50
D	1.50
Е	1.0
F	1.25
G	4.1
Н	2.13





BRSB/BSSB



# BR4 Design Specifications

Α

Model	Rated Capacity* <i>(gpm)</i>	(Number) & Length of Wound Depth Cartridges <i>(in)</i>	Maximum Operating Pressure (psi@150°F)	Overall Height <i>(in)</i>	Outside Dia. <i>(in)</i>	Face- to-Face Dim. <i>(in)</i>	Pipe Size (NPT) <i>(in)</i>	Shipping Weight <i>(Ibs)</i>
BR4-3/8 SD	2	(1) 4	100 psi (6.9 bar)	7	3.63	4.25	.38	3.5
BR4-3/8 SBD**		(1) 4	100 psi (6.9 bar)	7	3.63	4.25	.38	3.5

Rated liquid capacity based on initial pressure drop of 3 psig (.2 bar) with a 10µm Fulflo<sup>®</sup> EcoBond

filter cartridge and fluid viscosity equivalent to water.

\*\* B suffix indicates integrally cast head bracket.

# BRSB/BSSB Design Specifications

Model	Typical Aqueous Flow* <i>(gpm)</i>	(Number) Length o Wound D Cartridge <i>(in)</i>	f )epth	Maximum Operating Pressure	Overall Height <i>(in)</i>	Outside Dia. <i>(in)</i>	Face- to-Face Dim. <i>(in)</i>	pipe Size (NPT) <i>(in)</i>	Shipping Weight <i>(lbs)</i>
BRSB10-3/4 SD	5	(1) 10	150 ps	(10.3 bar)@200°F	12.75	3.63	4.31	.75	6.0
BRSB20-3/4 SD	10	(1) 20	150 ps	(10.3 bar)@200°F	22.88	3.63	4.31	.75	10.50
BSSB10-3/4 SD	5	(1) 10	150 ps	(10.3 bar)@250°F†	12.75	3.63	4.31	.75	6.0
BSSB20-3/4 SD	10	(1) 20	150 ps	(10.3 bar)@250°F†	22.88	3.63	4.31	.75	10.50
BSSB10-1 SD	5	(1) 10	150 ps	(10.3 bar)@250°F†	13.0	3.63	4.5	1.0	6.0
BSSB20-1 SD	10	(1) 20	150 ps	(10.3 bar)@250°F†	23.13	3.63	4.5	1.0	10.50
BSSB30-1 SD	15	(1) 30	150 ps	(10.3 bar)@250°F†	33.25	3.63	4.5	1.0	15.00

\* Actual flow rate is dependent on fluid viscosity, micron rating, contaminant and media type.

Consult nomographs or flow curves for each application.

† Maximum allowable working pressure is 175 psi (12.1 bar) at 200°F (94°C).

### Ordering Information

BRSB	20	3/4	S	D 
Design Series	Cartridge Length (in)	Connection Size (in)	Spring-Loaded Seal	Drain
BR = Brass Head/ 316 SS Shell BRSB = 4 BOSS Brass Head/316 SS Shell BSSB = 4 BOSS 316 SS Head/316 SS Shell	4 (BR Only) 10 20 30	3/8 3/4 1		
Note: BR4 Vessel supplied with EB	C10M4		Process	Filtratio
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A trademark of E. I. duPont de Nemours & Co.

### on Division

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