

SIDELINE™ Single Bag Filter Housing



Reliable, mid-priced filter housing for most applications

MINILINE SBF
(available
EMEA only)



Eaton's SIDELINE single bag filter housing is a mid-priced bag filter housings for most industrial applications.

This single bag filter housing is a solid, investment-cast filter. Units come standard with filter bag size 01 or 02 stainless steel restrainer baskets. Sizes 03 and 04 available in EMEA.

Features

- Side inlet with evacuation cover prevents spillage of unfiltered liquid, allowing for clean and easy filter bag change-outs
- Cover opening direction easily adapts to different piping layouts and adjusts in the field to accommodate walls, posts or other obstructions
- Compression hold down creates 360 degree sealing between the filter bag and the bag filter housing

- Ergonomic, integral cover handle is easy to open
- Standard design available with threaded or flanged connections
- Smooth, bead-blasted finish, coupled with a minimum two-weld design makes it easy to completely clean the interior
- Designed in accordance with Section VIII, Division 1 of the ASME Code (standard in the US), "AD 2000-Merkblätter", EN 13445 and PED (standard in EMEA)

Options

- Available in 316 stainless steel for high corrosion resistance. 316 Ti stainless steel version available in EMEA
- Magnetic inserts to collect metallic chips, fines and dust for sizes 01 and 02
- Buna-N® O-rings for the cover are standard. EPDM, Viton®, PTFE encapsulated Viton or silicone rubber seals and gaskets are available
- Multiple I/O connections to suit application
- Available with eye-bolt closure or T-bolt closure for faster maintenance

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Compression bag hold down creates 360 degree sealing between filter bag and bag filter housing



Ergonomic, integral cover handle is easy to open and close

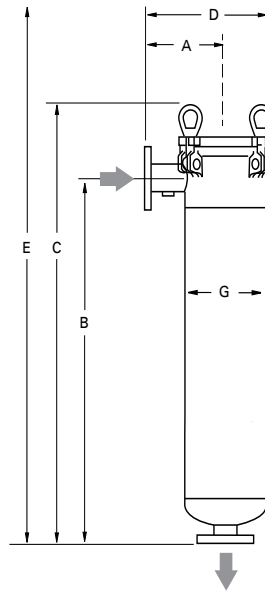
SIDELINE Single Bag Filter Housing

Applications

Coarse filtration > 500 µm	✓
Medium filtration > 10 µm	✓
Fine filtration < 10 µm	

Pre-filtration	✓
Safety filtration	✓
High volume	
Batch filtration	✓
Circuit filtration	✓
Continuous filtration	

Solvents, paints	✓
Fats and oils	✓
Catalyst, activated carbon	
Acids, bases	✓
Petrochemicals	✓
Water, waste water	✓
Chemical industry	✓
Pharmaceuticals	
Metal cleaning	✓
Automotive	
Electronics	
Food and beverage	✓
Paint and lacquer	✓
Water treatment	✓
Galvanic industry	✓



Dimensions - inch (mm)

Model	A	B	C	D	E	G
SBF-0101	8.66 (220)	19.50 (495)	26.62 (676)	14.38 (365)	38.00 (965)	8.62 (219)
SBF-0102	8.66 (220)	35.00 (889)	42.12 (1,070)	14.38 (365)	69.00 (1,753)	8.62 (219)
SBF-0103*	3.50 (110)	11.81 (300)	18.12 (460)	7.48 (190)	23.00 (584)	4.49 (114)
SBF-0104*	3.50 (110)	17.87 (454)	24.25 (616)	7.48 (190)	34.50 (876)	4.49 (114)
TSBF-0101*	8.66 (220)	19.49 (495)	23.62 (600)	13.50 (343)	32.48 (825)	8.62 (219)
TSBF-0102*	8.66 (220)	35.04 (890)	39.17 (995)	13.50 (343)	48.03 (1,220)	8.62 (219)
TSBF-0103*	4.33 (110)	11.81 (300)	15.51 (394)	8.66 (220)	19.06 (484)	4.49 (114)
TSBF-0104*	4.33 (110)	17.91 (455)	21.65 (550)	8.66 (220)	25.20 (640)	4.49 (114)

Dimensions for reference only and approximate. Exact dimensions for installation purposes available on request.
Metric measures represent comparable products produced for EMEA and may not be an exact conversion from inches.

Technical data

Models	No. of filter bags	Size	Flow rate ¹ GPM (m ³ /h)	Max. pressure psi (bar)	Max. temp. °F (°C)	Housing volume gal (l)	Housing weight lb (kg)	I/O connections
SBF-0101	1	1	88 (20)	150 (10)	400 (160)	4.75 (18)	84.0 (38.1)	2" flange
SBF-0102	1	2	176 (40)	150 (10)	400 (160)	8.45 (32)	102.0 (46.3)	2" flange
SBF-0103*	1	3	26 (6)	300 (16)	225 (160)	0.79 (3)	24.0 (12.0)	1½" thread
SBF-0104*	1	4	53 (12)	300 (16)	225 (160)	1.19 (4.5)	26.0 (13.0)	1½" thread
TSBF-0101*	1	1	88 (20)	150 (6)	400 (160)	4.75 (18)	84.0 (38.1)	2" flange
TSBF-0102*	1	2	176 (40)	150 (6)	400 (160)	8.45 (32)	102.0 (46.3)	2" flange
TSBF-0103*	1	3	26 (6)	300 (16)	225 (160)	0.79 (3)	24.0 (12.0)	1½" thread
TSBF-0104*	1	4	53 (12)	300 (16)	225 (160)	1.19 (4.5)	26.0 (13.0)	1½" thread

¹ Maximum theoretical flow based on water viscosity, filter bag specific.

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