

SIDELINE™ Single Bag Filter Housing



*Reliable, mid-priced
filter housing for most
applications*

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

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

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 "AD 2000-Merkblätter", EN 13445 and PED

Options

- Available in 316 Ti stainless steel for high corrosion resistance
- 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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SIDELINE with T-bolt closure (TSBF)



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

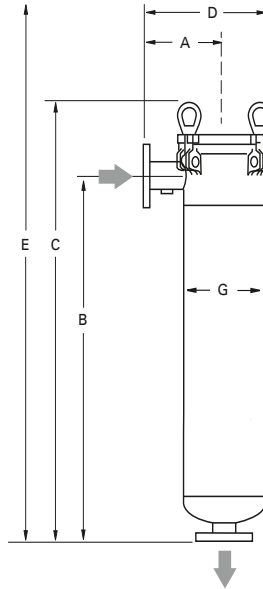
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Powering Business Worldwide

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 - mm

Model	A	B	C	D	E	G
SBF-0101	220	495	676	365	965	219
SBF-0102	220	890	1070	365	1753	219
SBF-0103	110	300	460	190	584	114
SBF-0104	110	455	616	190	876	114
TSBF-0101	220	495	600	343	825	219
TSBF-0102	220	890	995	343	1220	219
TSBF-0103	110	300	394	220	484	114
TSBF-0104	110	455	550	220	640	114

Dimensions for reference only and approximate. Exact dimensions for installation purposes available on request.

Technical data

Models	No. of filter bags	Size	Flow rate ¹ m ³ /h	Max. pressure bar	Max. temp. °C	Housing volume l	Housing weight kg	I/O connections
SBF-0101	1	1	20	10	160	18	38	DN 50 PN 16 (DIN flange)
SBF-0102	1	2	40	10	160	32	46	DN 50 PN 16 (DIN flange)
SBF-0103	1	3	6	16	160	3	12	1½" BSP female thread
SBF-0104	1	4	12	16	160	4.5	13	1½" BSP female thread
TSBF-0101	1	1	20	6	160	18	38	DN 50 PN 16 (DIN flange)
TSBF-0102	1	2	40	6	160	32	46	DN 50 PN 16 (DIN flange)
TSBF-0103	1	3	6	16	160	3	12	1½" BSP female thread
TSBF-0104	1	4	12	16	160	4.5	13	1½" BSP female thread

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

North America
44 Apple Street
Tinton Falls, NJ 07724
Toll Free: 800 656-3344
(North America only)
Tel: +1 732 212-4700

China
No. 3, Lane 280,
Linhong Road
Changning District, 200335
Shanghai, P.R. China
Tel: +86 21 5200-0099

Europe/Africa/Middle East
Auf der Heide 2
53947 Nettersheim, Germany
Tel: +49 2486 809-0

Singapore
4 Loyang Lane #04-01/02
Singapore 508914
Tel: +65 6825-1668

Friedensstraße 41
68804 Altlußheim, Germany
Tel: +49 6205 2094-0
An den Nahewiesen 24
55450 Langenlonsheim, Germany
Tel: +49 6704 204-0

Brazil
Rua Clark, 2061 - Macuco
13279-400 - Valinhos, Brazil
Tel: +55 11 3616-8400

For more information, please
email us at filtration@eaton.com
or visit www.eaton.com/filtration

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