Bag Filters and Strainer Baskets



MWTBF Multiple Bag Filter Housing

MWTBF Multiple Bag Filter Housing with hinged cover and encased spring assembly or lift-swivel device

Multi Bag Filter Housing with hinged cover and encased spring assembly, alternatively with lift-swivel device, are for 3/4/6/8/10 filter bags and in the two sizes available for size 1 or size 2 filter bags. The spring assembly variant with spring pack is is adjusted that way that the hinged cover can be opened and closed easily. For filter exchange or maintenance and inspection the cover can be fixed additionally in its stop position. With the lift-swivel device, the hinged cover is cranked upwards by means of a handwheel and then swiveled to the side. Inside the housing is the mounting plate with the support baskets and locking devices for 3/4/6/8/10 filter bags of size 1 or 2, depending on the variant selected. The bagadaption of the Multiple Bag Filter Housing is constructed that way, that WFB-Filter bags as well as non-company filter bags with higher collar rings can be installed. Mesh lined strainer baskets, LUPUS[®]II-elements or magnet inserts are additional installation options for Multiple Bag Filter Housing.

The connections for inlet and outlet can be delivered in different nominal sizes and terminations and the location of the nozzles can be adjusted according to the onsite needs. Accessories like drain valves, vents, volume reducers and Pressure gauges can be supplied.

Material:	Housing: stainless steel 1.4301 (AISI304) / 1.4404 (AISI 316 L)
	Basket: stainless steel 1.4301 (AISI304) / 1.4404 (AISI 316 L)
	O-Rings: Viton (Viton-FEP-encapsulated, EPDM, Silicone, Buna)
In-/Outlet:	size, location and termination adjustable to on-site needs
Vent:	2 x 1/2" internal threads (adjustable to on-site needs)
Drain:	1" internal thread (adjustable to on-site needs)
Filter bags:	3/4/6/8/10 size 1 or size 2
Installations:	stainless steel 1.4301 (AISI304) / 1.4404 (AISI 316 L)
Differential pressure:	max. 1.5 bar
Pressure:	max. 6 / 10 / 16 bar
Temperature:	max. 95°C
	With PP-filter bags max. 70°C, because of bag material
Flow rate:	The flow rate correlates to the nominal diameter of the housing connection and
	the characteristic curve of the chosen filter bags
Applications	 Particle filter for cooling circuits
	 Particle filter for cleaning baths
	 Prefilter for reverse osmosis units
	 Protection filters for pumps
	 Prefilter for water treatment plants
	 Endfilter for activated carbon filters an ion exchangers
	 Fine filter for suspended solids in well water
	 Process filter for color, paints and solvents
	 Coarse filter for delivery per refueling vehicle
Features and Benefits	Multiple bag filter housing for filter bags size 1 or size 2
	 Multiple bag filter housing for 3/4/6/8 or 10 filter bags
	Multiple bag filter housing with with hinged cover and encased spring assembly
	or lift-swivel device
	Multiple bag filter housing for 6 / 10 or 16 bar
	Hinged cover can be opened and closed easily
	Pressure basket made of stainless steel
	bag-adaption for WFB-Filter bags or non company bags
	 Installation options are mesh-lined strainer baskets, LUPUS[*]II-elementes or
	magnet inserts
	 Nominal size, location and termination of connections adjustable to on-site needs

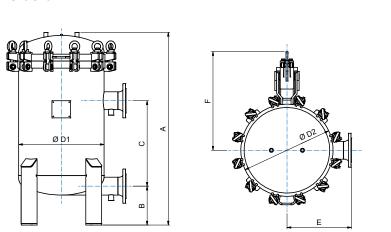
Technical Data

wolftechnik

Pos. Description Material Order designation Order Mo 1 MWTBF-Locking device Stainless steel 1.4404 MWTBF-Arretiervorrichtung 99993 2 3WTBF-O-Ring Viton 3WTBF-ORVIT-GEH 99996 4 4WTBF-O-Ring GWTBF-O-Ring GWTBF-ORVIT-GEH 99996 6 6WTBF-O-Ring IOWTBF-ORVIT-GEH 99996 99996 1 10WTBF-O-Ring IOWTBF-ORVIT-GEH 99996 99996 1 10WTBF-O-Ring IOWTBF-ORFEP-GEH 99996 99996 4 4WTBF-O-Ring WTBF-ORFEP-GEH 99996 99996 6 6WTBF-O-Ring EPDM 3WTBF-OREP-GEH 99996 1 10WTBF-O-Ring IOWTBF-OREPOM-GEH 99996 3WTBF-O-Ring EPDM 3WTBF-OREPOM-GEH 99996 3WTBF-O-Ring IOWTBF-OREPOM-GEH 99996 4WTBF-O-Ring IOWTBF-OREPOM-GEH 99996 10WTBF-O-Ring IOWTBF-OREUN-GEH 99996 10WTBF-O-Ring IOWTBF-ORSUN-GEH 99999		Spare	e parts			
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9 MWTBF-Basket Stainless steel 1.4404 MWTBF-Korb-TG 999993		7	MWTBF-Retaining ring	Stainless steel V2A	MWTBF-Sicherungsring-LG	999998
		8	MWTBF-Bolt Washer	Stainless steel V2A	MWTBF-Bolzen-Scheibe-LG	999998
10 MWTBF-Spring assembly Stainless steel MWTBF-Federpaket 999998		9	MWTBF-Basket	Stainless steel 1.4404	MWTBF-Korb-TG	999993
		10	MWTBF-Spring assembly	Stainless steel	MWTBF-Federpaket	999998



Dimensions



Dimensions

Туре	А	В	С	Ø D1	Ø D2	E	F	Variant
3WTBF40	910	250	250	450	504	365	590	F
3WTBF85	1240	250	550	450	504	365	590	F
4WTBF40	910	250	250	550	593	415	635	F
4WTBF85	1240	250	550	550	593	415	635	F
6WTBF40	910	250	250	650	698	450	686	F
6WTBF85	1240	250	550	650	698	450	686	F
8WTBF85	1420	535	410	800	844	630	570	HS
10WTBF85	2120	880	380	900	944	800	675	HS

All dimensions are approx. Dimensions (The release drawing contains the correct dimensions)



Order example

4	WTBF	85	F	100	-	SS	-	Т	Т	V	-	-	F
1	2	3	4	5		6		7	8	9			10

Order information

Pos	Designat	ion
1	3	3 filter elements
	4	4 filter elements
	6	6 filter elements
	8	8 filter elements (only HS Variant)
	10	10 filter elements (only HS Variant)
2	WTBF	Wolftechnik Bag Filter Housing
3	40	For filter bags size P1P
	85	For filter bags size P2P
4	F	Flange
	М	Screwed connection DIN11851
	тс	TriClamp
	С	Camloc coupling
5	80	DN80
	100	DN100
	125	DN125
	150	DN150
6	SS	Connection position side/below
	SU	Connection position side/below
	SD	Connection position side/below
7	L	Housing material stainless steel 1.4301 (AISI304)
	Т	Housing material stainless steel 1.4401/1.4404 (AISI316)
8	Т	Supporting baskte material stainless steel 1.4401 (AISI316)
9	V	O-Rings Viton
	В	O-Rings Buna
	E	O-Rings EPDM
	S	O-Rings Silicone
	F	O-Rings Viton-FEP-encapsulated
10	F	Hinged cover with encased spring assembly
	HS	Lift-swivel device

Accessories & Mountings

Fittings and accessories for our filter housings made of stainless steel, brass or plastic increase the use and safety for the user and for the operating personnel. We offer useful accessories and options for all filter housings to complete the standard versions.



Accessories

Vents necessary for operation to release the pressure when changing filters, instruments suitable for rest-drainage, pressure controls and gauges when using the filter housings are a typical equipment for pressure vessels, and can be custom made and delivered for specific use.