

Model BFL Series – Low Pressure Bag Filter Housings



Model BFL Series Low Pressure Bag Filter Housings

Lightweight, economical filter housings suitable for pressures up to 150 psi and flow rates up to 200 gpm

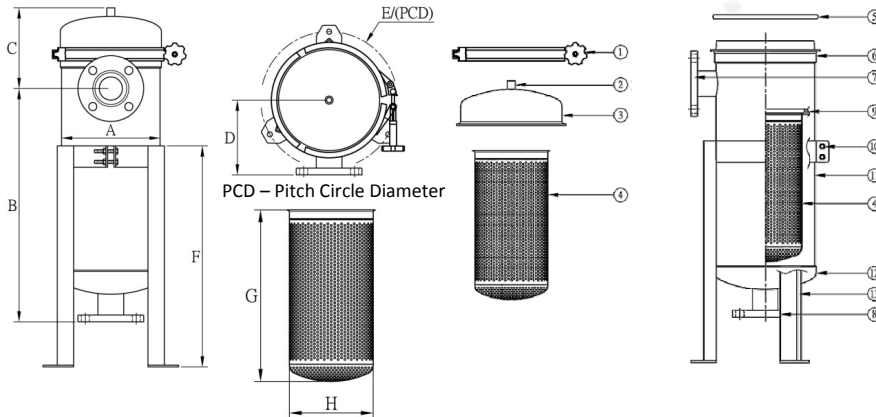
Description

Product:	Model BFL Series—Low Pressure Bag Filter Housings
Applications:	Basic filtration applications
Configuration:	Single bag
Material of Construction:	Stainless steel construction (SS304, SS316, SS316L)
Inlet Outlet Connections:	1"-3" (NPT, ANSI 150 flange)
Flow Rate:	Up to 200 gpm
Max. Pressure:	150 psi
Temperature:	210 °F
Surface finish:	Electropolished
Closure Mechanism:	V-Clamp closure
Seal type:	O-Ring (BUNA, EPDM, VITON, PTFE encapsulate VITON)
Bag Size:	NO. 1, 2, 3 and 4
Bag Basket:	Stainless steel bag basket (SS304, SS316, SS316L)
Leg Support:	Stainless steel (SS304); height adjustable
Inlet outlet position:	Side or bottom outlet available
Customizations:	Other connection sizes and standards (JIS, DIN) are available
Recommended Spare Parts:	O-Rings, Bag Baskets, Bag Hold-down Rings, Clamps, Leg Support
Accessories:	Bag Positioners, Displacement Balloons



Model BFL Series – Low Pressure Bag Filter Housings

Dimensions



NO.	Description
1	Clamp
2	Port Vent
3	Top cover
4	Bag Basket
5	O-Ring
6	Flange
7	Port Inlet
8	Port Outlet
9	Bag Hold-down Ring
10	Adjustable Bolt
11	Shell
12	Bottom Cover
13	Leg Support

Inch
[mm]

Bag Size	Flow	Dimensions								Weight	Volume
		Size	GPM	A	B	C	D	E	F		
01	90	9	21-1/2	7-1/4	6-3/4	12-1/2	20-1/4	13-1/2	6-1/2	46	7.1
		[232]	[550]	[190]	[176]	[323]	[520]	[350]	[172]		
02	200	9	39-1/2	7-1/4	6-3/4	12-1/2	20-1/4	28-1/2	6-1/2	57	12.2
		[232]	[1005]	[190]	[176]	[323]	[520]	[730]	[172]		
03	20	7	14	7	5-3/4	9-3/4	13-1/2	7-3/4	3-3/4	31	2.9
		[180]	[360]	[178]	[150]	[252]	[350]	[200]	[97]		
04	45	7	19-1/4	7	5-3/4	9-3/4	13-1/2	12	3-3/4	33	3.7
		[180]	[495]	[178]	[150]	[252]	[350]	[310]	[97]		

All dimensions are nominal and rounded to 1/4" in the format of inch[mm]

How to order

Product Codes						
BFL-	B-	02-	A-	150-	010-	200-
	Material	Bag Size	Connection Type	Pressure Rating	Connection Size	Flow Rate
	A-SS304 B-SS316 C-SS316L	01-No. 1 02-No. 2 03-No. 3 04-No. 4	A-ANSI 150 Flange N-NPT	150-150psi	010-1" 030-3"	020-20 gpm 045-45 090-90 200-200

Example: BFL-B-02-A-150-010-200-E-N

Product Codes (Continued)	
E -	N
O-Ring	ASME Code
B-BUNA	N-No
E-EPDM	A-YES, No Stamps
V-VITON	AU-YES, "U" Stamp
P-PTFE W/VITON	

Accessory Codes & Spare Parts Codes				
BFL	A-	B-	02-	BP
	Category	Material	Bag Size	Type
	A-Accessory B-Spare Parts	A-SS304 B-SS316 C-SS316L	01-No. 1 02-No. 2 03-No. 3 04-No. 4	BP -Bag Positioner DB-Displacement Balloon BK -Bag Basket BR -Bag Hold-down Ring CL -Clamp LS -Leg Support OR-O-Ring
		B-BUNA E-EPDM V-VITON P-PTFE W/VITON		

Example: BFLA-B-02-BP