

# BFF Series

HOUSINGS  
SINGLE BAG SIDE ENTRY  
LOW PRESSURE



## MAIN APPLICATIONS:

- DESALINATION
- WATER TREATMENT
- PETROCHEMICAL
- FINE CHEMICAL
- FOOD & BEVERAGE
- POWER GENERATION
- PAINTS AND RESIN
- PHARMACEUTICAL
- MICROELECTRONIC
- GALVANIC
- HYDRAULIC
- STEEL MILL
- GENERAL INDUSTRY

## CHARACTERISTICS:

- 100% 316L SS construction
- Swing bolts Rathmann type closure
- Micro-casting girth flange and top cover with hinge and handle
- Conform to 97/23/CE Directive
- Conform to 94/9/CE ATEX Directive
- 1935/2004/CE certification available upon request
- Suitable for liquids Gr. 1 e 2 filtration
- Side inlet bottom outlet nozzles design
- Suitable for pressure up to 10 bar (16 bar as option for size 1 and 2)
- Suitable for filtering bags size 1, 2, 3, 4
- Suitable for filtering bags with metal ring and/or PolyformSEAL™
- Suitable for high flow-rate and low spare cost
- O-ring body/head seal
- Restrainer suitable for Delta-P up to 4 bar (10 bar Delta-P design available as option)
- 430 SS adjustable legs (only for size 1 and 2)
- Hydraulic test on 100% of manufactured filters
- Customization for OEM available

# ASCO FILTRI

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## TECHNICAL DATA

### MAX. WORKING CONDITIONS

10 bar @ 100 °C  
 16 bar @ 100 °C (option)

### CONSTRUCTION MATERIALS

- BODY:**
- 316L SS
- GIRTH FLANGE, TOP COVER:**
- 316 SS micro-casting
- ADJUSTABLE LEGS:**
- 430 SS

### FINISHING

- Internal/external:**
- Electropolishing
  - Glass bead blast
  - Pickling (option)

### GASKETS

- EPDM
- Silicone
- Viton
- FEP
- PTFE

### IN/OUT

- 1.1/2" GAS-M
- 2" GAS-M
- 2.1/2" GAS-M
- 3" GAS-M

### VENT

- 3/8" GAS-F

### ACCESSORIES

- Pressure gauge
- Vent valve
- Flanged connections
- Volume reducer
- Magnetic candles kit

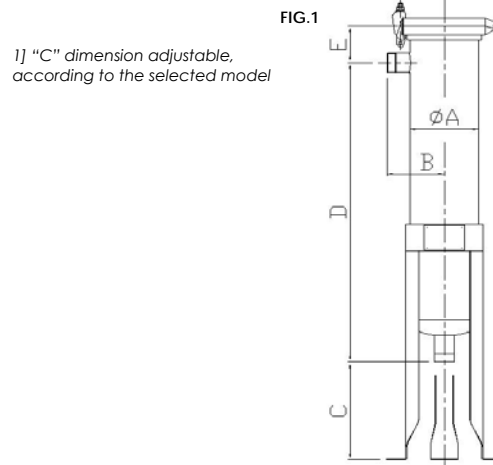
### OPTIONS

- Internal Halar coating
- Internal PFA coating

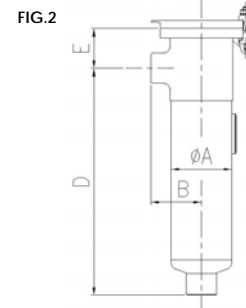
## Dimensions:

Model	Q max. m <sup>3</sup> /h	Dimensions [mm]					In/out	Vol. [lt]	Weight [kg]	Fig.
		A	B	C	D	E				
BFFL013	9	114.3	95	-	277.5	75.5	1.1/2" Gas-m	3	9	2
BFFL014	15	114.3	95	-	427.5	75.5	1.1/2" Gas-m	4	10	2
BFF011	20	204	170	[1]	489	107.5	2" Gas-m	16	36	1
BFF012	35	204	170	[1]	869	107.5	2" Gas-m	28	40	1

Max. flow-rate referred to 50 µm filtering bags. Initial Delta-P 0.1 bar. Fluid water.  
 Suggested flow-rate change according to the installed filtration rating.



1] "C" dimension adjustable, according to the selected model



## Max. working pressure:

Fluid	Model			
	BFF013	BFF014	BFF011	BFF012
Liquid Gr. 2	10 bar	10 bar	10 bar	10 bar
Liquid Gr. 1	10 bar	10 bar	10 bar	10 bar
Gas Gr. 2	10 bar	10 bar	10 bar	7 bar
Gas Gr. 1	8 bar	6 bar	1.5 bar	0.8 bar

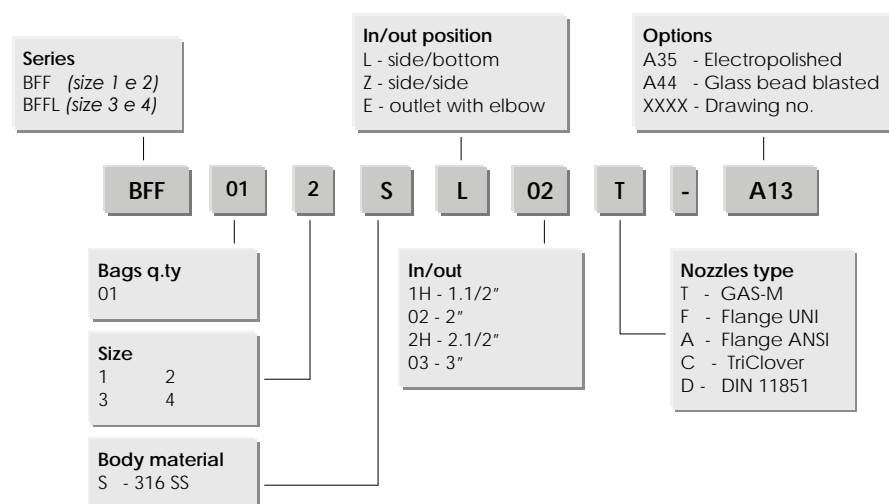
Where the 97/23/CE PED Directive is applicable, in case of gas, the max. working pressure must be reduced. For different pressures contact ASCO Filtri.

## Gaskets temperature limitation:

EPDM	120 °C	Viton	230 °C	PTFE	250 °C
Buna-n	120 °C	Silicone	230 °C	FEP	250 °C

Working temperature is limited from installed gaskets.  
 For different working temperature check with the operating manual.

## Ordering information:



We reserve the right to change the data of this specification without notice.

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