

BAC-13/14

Mini Single-Bag housings with V-Clamp closure

Small single bag filter housings suitable for filtration of non-hazardous fluids.

BAC-13/14 housings are designed to fit BEAFELT, BEAFINE or BEAMESH sizes 03 and 04 filter bag which are available in wide range of materials and filtration grades.

V-clamp housing closure allows quick operation for filter bag replacement.



Main features

- Multiple IN/OUT configurations available.
- Suitable for non-hazardous fluids group 2.

Materials

Housing:	AISI 316L stainless steel
V-Clamp closure:	AISI 304 stainless steel
Adjustable legs (OPTIONAL):	AISI 304 stainless steel
Basket bag:	AISI 316L stainless steel
Gasket:	EPDM (standard)

Surface finishing

Code D	pickled (standard)
Code E	electropolished

Design and constructions

According with PED and ATEX Directives

Certification

UE Declaration of conformity and user guide.

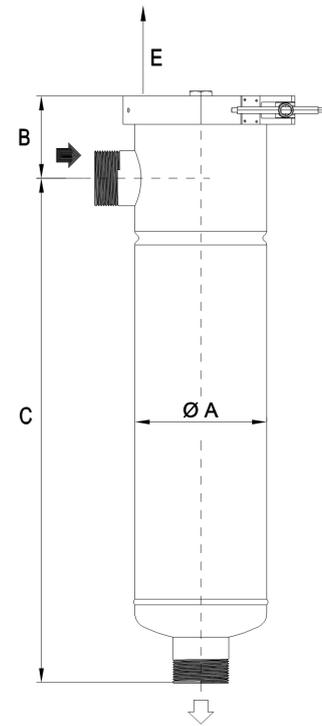
Model	In-Out Connections	Bag filter size	* Flow rate MAX l/min	Weight Kg	Volume L	Vent
BAC-13-40F-L-D-E	1-1/2" gas F	03	130	4,3	3,2	1/4"
BAC-14-40F-L-D-E	1-1/2" gas F	04	200	5	4,5	
BAC-13-40M-L-D-E	1-1/2" gas M	03	130	4,3	3,2	
BAC-14-40M-L-D-E	1-1/2" gas M	04	200	5	4,5	

- maximum recommended flow rate with water referred to 100µm filtering bags , pressure drop 0.1 bar

Note: the table shows standard models, see the options indicated in the product code description for different configurations.

Model	Nominal dimensions(mm)			
	A	B	C	E ¹
BAC-13	114	73	315	200
BAC-14	114	73	455	330

¹ clearance for bag replacement



Product code description for ordering

BAC -	13	-	40	F	-	L	-	D	-	E		
	BAG FILTER SIZE		CONNECTION DIAMETER		CONNECTION TYPE		CONNECTION POSITION		FINISHING		GASKET	
	13	Size 03	40	1-1/2"	D	FITTINGS DIN 11851	L	SIDE ENTRY BOTTOM EXIT	D	PICKLED	E	EPDM
	14	Size 04	50	2"	F	BSP female thread	P	IN OUT PARALLELS	E	ELECTROPOLISHED	S	Silicone
	↕				M	BSP male thread					V	Viton
	X3	HOUSING 11 EMPTY			U	EN 1092.1-PN16 flange						
	X4	HOUSING 12 EMPTY										

- X3 and X4 sizes are housings without bag holders to allow the installation of stainless steel filter baskets available in the various filtration grades.

Operating limits

Fluid state	PED & ATEX Conformity		
Liquid Temp. max 60°C	Fluid group	PED Category	ATEX
9 barg	2 (non dangerous)	Art.4 par 3	II 2G Ex-h IIC T6 Gb / II 2D Ex-h T80°C Db

Accessories

Description	Code
3-legs filter support	KC-S-DIA114X400-D

Bea Technologies Spa

Via Newton,4 - 20016 Pero (MILANO) Italy
 Tel.+(39) 02 339271 / Fax+(39) 02 3390713
 mail:info@bea-italy.com
 web:www.bea-italy.com

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