

Stainless Steel Housing P-BE

For Aeration of Storage Tanks

VAN BORSELEN FILTERS



P-BE Stainless Steel Housing

Van Borselen Filters P-BE

- P-BE filter are used to ensure 100 % sterility in the storage of pharmaceutical products, chemicals, food or of fermenters.
- The two-part housing is user-friendly designed and has a splash protection to prevent liquids coming in contact with the filter media.

Features and Benefits

- 12 different sizes for operating volumes from 3 to 1980 Nm³/h related to 1 bar.
- Complies to the requirements of the European directive 97/23/EG for pressure vessels.
- Different element sizes can be used due to the modular design. Apart from sterile filters, polypropylene or Teflon* membrane filters can be used.

Surface Finish

Polished on the inside and on the outside

Applications

- Breweries, Dairies
- Chemical industry, Pharmaceutical industry
- Cosmetics Industry
- Water treatment systems
- Food and beverages

Connection Types

Milkpipe DIN 11851	Standard for 0006 - 0192
DIN or ANSI flange	Standard, starting from 0432 housing
Clamp connection or other connections and bigger housings on request	

Maximum Operating Temperature:

200°C

Maximum Operating Pressure:

Housing size 0006 - 0192	16 bar
Housing size 0432 - 1920	10 bar

Materials

Filter housing | Stainless steel 1.4301 (304), optional 1.4571 (316L)

Housing Size	Volume Flow in m ³ /h at		Connection	Filter Element		Dimensions in mm		Weight in kg
	Δp 20 mbar	Δp 40 mbar		Size	qty.	Height	Ø	
0006	4,5	9	DN 32	03/10	1	110	85	1,5
0027	12	24	DN 40	05/25	1	168	104	2,2
0032	17	35	DN 50	05/30	1	186	114	2,4
0072	35	70	DN 50	10/30	1	312	114	3,3
0144	70	140	DN 80	20/30	1	550	154	9,2
0192	105	210	DN 80	30/30	1	805	154	11,5
0432	210	420	DN 100	20/30	3	670	219	43,0
0576	315	630	DN 100	30/30	3	925	219	44,0
0768	420	840	DN 150	30/30	4	950	273	70,0
1152	630	1260	DN 150	30/30	6	950	324	80,0
1536	840	1680	DN 200	30/30	8	960	406	135,0
1920	1050	2010	DN 200	30/30	10	960	406	135,0