



BGH Series

FILTER HOUSINGS
SANITARY LIQUID FILTRATION

APPLICATIONS

Food Industries
Water treatments



FEATURES & BENEFITS

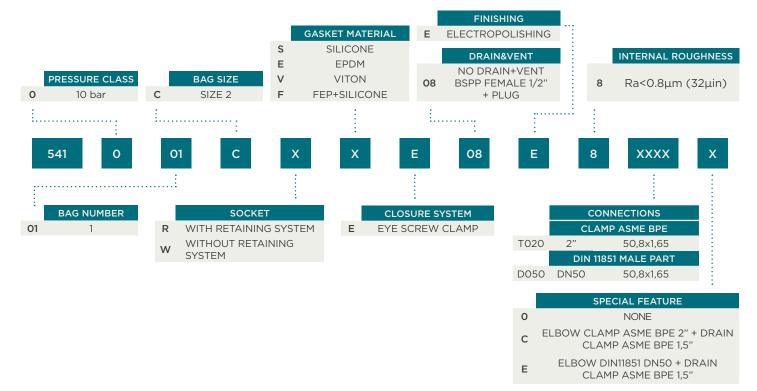
Sanitary single bag filter housing with special casted head design ensuring less headroom for product loss minimization, designed in stainless steel AISI 316 L for Food&Beverage applications. Working conditions: 10bar (145psi) @90°C (194°F).

The CIP process working conditions with dangerous fluids make the BGH a unique product of its kind.

- The sanitary design and the electropolished surface finishing guarantee enhanced cleanability
- Compatible with all commercial bag profiles
- · Available on the shelf
- Suitable for CIP, Cleaning in Place, condition with dangerous fluid
- 316L, 1.4404, Stainless Steel and semi-automatic welding system

- ensure corrosion resistance and durability
- DIN11851 or CLAMP ASME BPE IN/ OUT connections
- Food grade compliance (CE 1935/2004)
- · Wide choice of FDA Gasket Materials
- Materials full traceability
- Designed according to Pressure Equipment Directive (PED)
- Wide range certificates available upon request (Material Certificate, Roughness, FDA, etc.)
- Laser etched customizable logo
- Customizable with optional accessories and features (i.e. outlet elbow with drain connection)
- User-Manual and Declaration of Conformity included

SELECTION CRITERIA

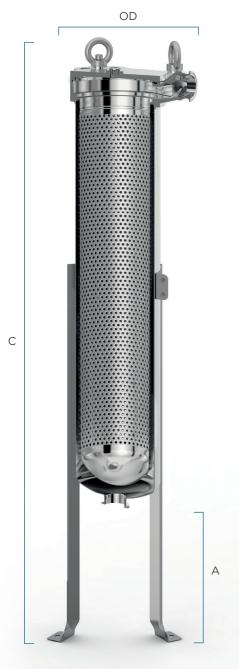


SPECIFICATIONS

Dimensions are for standard housings with DIN and TC connections. More options available on request. All dimensions are in mm (inches).

Connections	No Bag	Bag Size	А	С	OD
DIN11851 DN50	1	2	300÷500 (11.81÷19.69)	1257÷1457 (49.49÷57.36)	194 (7.63)
CLAMP ASME BPE 2"	1	2	300÷500 (11.81÷19.69)	1227÷1427 (48.31÷56.18)	194 (7.63)

Materials of Constructions (Wetted Parts)	316L / 1.4404		
No. Of Bags	1		
Size	SIZE 2		
Bag Socket	With or without Retaining system		
In/Out Connections	Clamp ASME BPE and DIN 11851		
Vent	BSPP Female ½" with PLUG		
Pressure (PS) min-max	0 ÷ 10 bar (0 ÷ 145 psi)		
Temperature (TS) min-max	0 ÷ 90°C (32 ÷ 194°F)		
CIP conditions	PED FLUID GROUP Gr.1 - LIQ PRESSURE (PS) min-max bar (psi) 0 ÷ 3 bar (0 ÷ 44 psi) TEMPERATURE (TS) min-max °C (°F) 10 ÷ 80°C (50 ÷ 176°F)		
Internal Surface	Electropolished: Ra<0.8 μm (Ra<32 μin)		
External Surface	Electropolished		
PED 2014/68/EU	Liquid, PED Fluid Group 2		
Design Code	EN 13445		
Housing and Gasket Materials	Food Contact Compliance EU 1935/2004 - FDA		



ACCESSORIES & SPARE PARTS

Full list of accessories and spare parts available on request.

BALL VALVE TC 1.5" + CLAMP



VENT GROUP



RETAINING SYSTEM



PRESSURE GAUGE BSPM



OUTLET ELBOW DIN11851 WITH DRAIN



OUTLET ELBOW TC ASME BPE WITH DRAIN

