



Food & Beverage



Industrial

# BGH Series

**FILTER HOUSINGS  
SANITARY LIQUID FILTRATION**

APPLICATIONS

Food Industries  
Water treatments



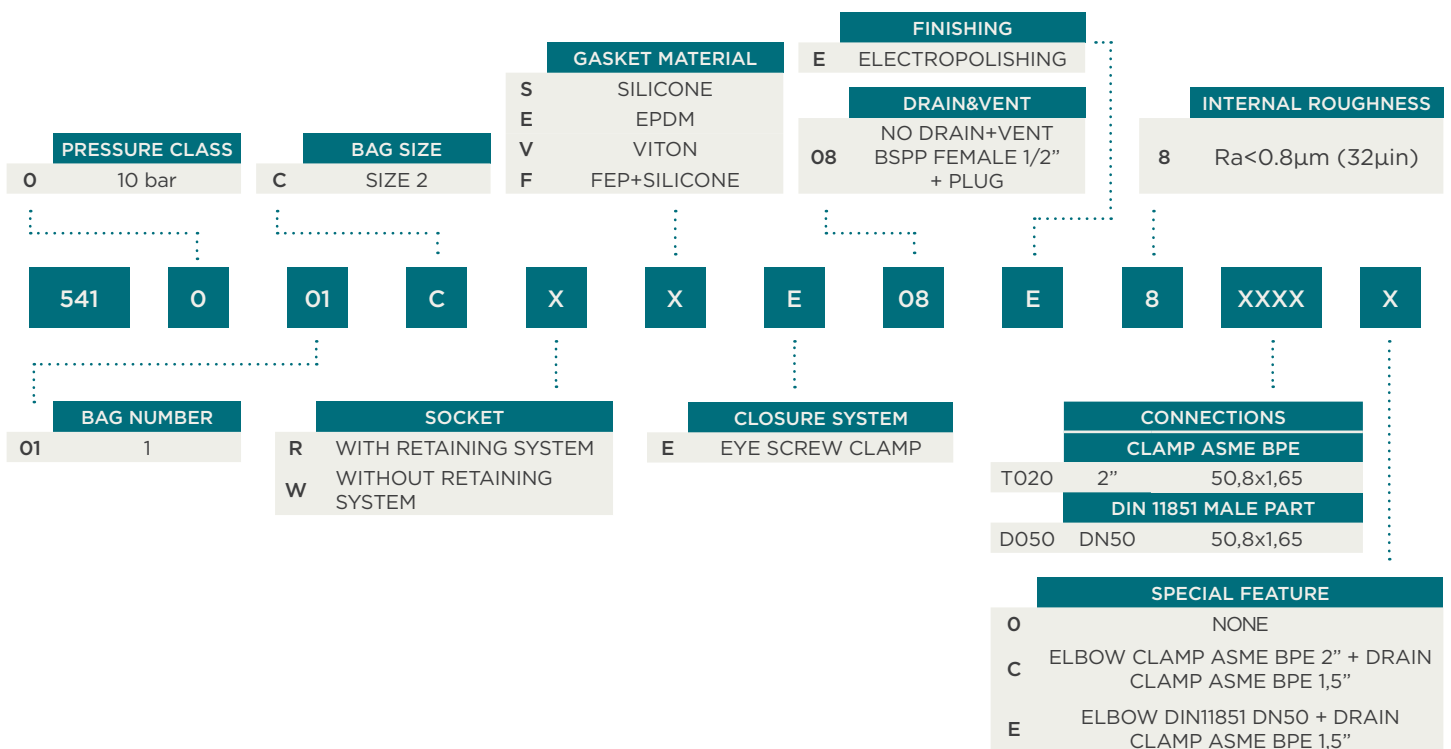
FEATURES & BENEFITS

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



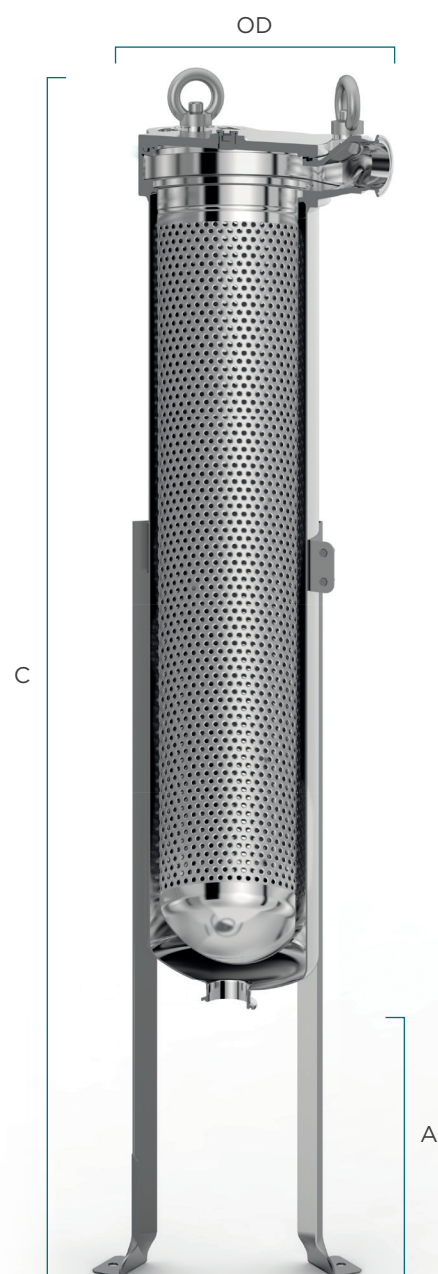
More options available on request.

## 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	A	C	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	BSPF 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.

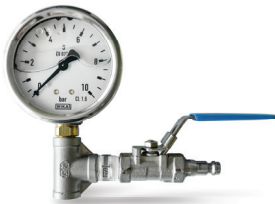
BALL VALVE TC 1.5" + CLAMP



PRESSURE GAUGE BSPM



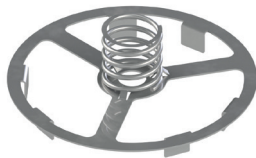
VENT GROUP



OUTLET ELBOW DIN11851 WITH DRAIN



RETAINING SYSTEM



OUTLET ELBOW TC ASME BPE WITH DRAIN



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