

INOX FILTER HOUSING

HIGH FLOW - PFH-SGB

Materials of Construction

Housing Body:	Glass Bead Finish 316L Stainless Steel
Housing Lid:	Glass Bead Finish 316L Stainless Steel
Legs:	304 Stainless Steel
Internal Plate:	316L Stainless Steel
Eyebolt & Nut:	304 Stainless Steel
Davit Arm & Wheel:	304 Stainless Steel
Filter Support Basket:	316L Stainless Steel
O-ring:	Buna-N (EPDM/Viton)
Gauges:	Stainless Steel*
Vent, Drain & Gauge Plugs:	316L Stainless Steel

*Separate technical sheet available with full specification.

Features & Benefits

- Glass Bead Finished 316L Stainless Steel provides enhanced corrosion resistance.
- Pressure gauges (x2) included.
- Vent, gauge and drain ports come fitted with PTFE wrapped plugs.
- Full Technical drawings available.



Quality Standards

PED (2014/68/EU) Article 4, Paragraph 3 Compliant, Group 2 Liquids
DWI approved

Technical Data

Part Number	PFH-SGB-1HF -40-3-GP-ML	PFH-SGB-2HF -40-4F-GP-ML	PFH-SGB-4HF -40-4F-GP-HML	PFH-SGB-6HF -40-6F-GP-HML	PFH-SGB-7HF -60-6F-GP-HML
	1 Round Housing	2 Round Housing	4 Round Housing	6 Round Housing	7 Round Housing
Accommodates Filter Length"	40	40	40	40	60
Accommodates Filter Diameter"	6	6	6	6	6
Filter Orientation	Vertical	Vertical	Horizontal	Horizontal	Horizontal
Overall Housing Height mm (±6)	1579-1779	2068	948	998	998
Overall Housing Width mm (±6)	330	580	1868	1930	2438
Legs	Adjustable	Fixed	Fixed	Fixed	Fixed
Minimum/Maximum Operating Temperature °C (°F)	0 (32) - 120 (248)	0 (32) - 120 (248)	0 (32) - 120 (248)	0 (32) - 120 (248)	0 (32) - 120 (248)
Hydrostatic Test Pressure bar (psi)	10 (145)	10 (145)	10 (145)	10 (145)	10 (145)
Design Pressure Bar (psi)	7 (101.5)	7 (101.5)	7 (101.5)	7 (101.5)	7 (101.5)
Port Size/Flange	3" BSPT-M	4" Flange (DN100 PN16)	4" Flange (DN100 PN16)	6" Flange (DN150 PN16)	6" Flange (DN150 PN16)
Gauge Ports "	¼	½	½	½	½
Vent Port "	¼	½	½	½	½
Drain Port(s) "	1	1½	2	2 (x2)	2 (x2)
Maximum Flow Rates lpm (m ³ / hr) *	1,300 (78)	2,600 (156)	5,200 (312)	7,800 (468)	13,300 (798)

* Based on SPECTRUM PPP-HF 5µm filter cartridge, at a pressure drop of 0.2 bar, water at 20°C

Suitable filter: PPP-HF, PPG-HF

Weights

Part Code	Weight
PFH-SGB-1HF-40-3	63
PFH-SGB-2HF-40-4F	181
PFH-SGB-4HF-40-4F	273
PFH-SGB-6HF-40-6F	351
PFH-SGB-7HF-60-6F	379

Housing weights are approximate in kg.