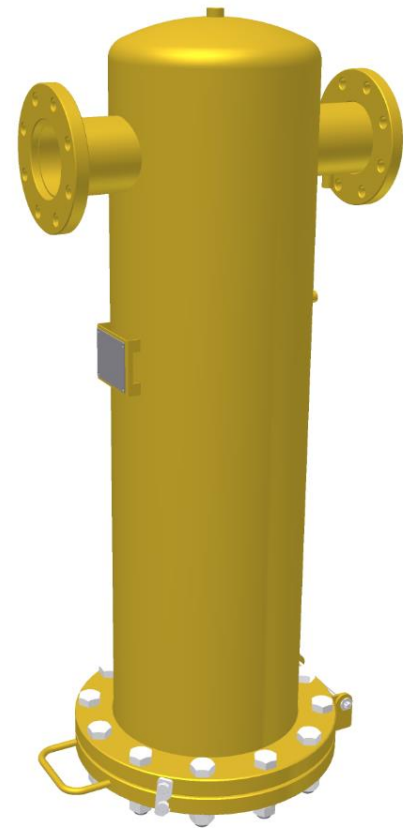


MEDIUM PRESSURE FILTER – GHBF (25bar)



DESCRIPTION

GHBF welded filter housings have been developed for high efficient removal of solid particles, water, oil aerosols, hydrocarbons and odour vapours from large compressed air⁽¹⁾ systems. To meet the required compressed air quality appropriate filter element (GN25, GN5, GP, GR, GM, GS, GA, GWS) must be installed into filter housing.

APPLICATIONS⁽²⁾

- General industrial application
- Automotive
- Electronics
- Food & Beverage
- Chemical
- Petrochemical
- Plastics
- Paint

⁽¹⁾For any other technical gas please contact us or your local dealer

⁽²⁾GHBF filter housing can be used in variety of applications. For applications not listed please contact us or your local dealer.

FILTER HOUSING RATING ACCORDING TO ISO8573-1

Solid particles	Water	Oil
-	-	-

TECHNICAL SPECIFICATION

Operating temperature	1,5 - 65 °C	35 - 149 °F
Operating pressure	0 - 25 bar(g)	0 – 358 psi

MATERIALS

Housing material	Carbon steel
Fittings, Screws	Brass, Brass-zinc plated, Steel
Sealing	Viton
Corrosion protection (internal)	Epoxy coat
Outside protection	Powder paint coated (Epoxi-polyester base)
Lubricant	Shell cassida grease RLS 2

SIZES

FILTER HOUSING	CONN. SIZE [DN]	FILTER ELEMENT	FLOW CAPACITY		DIMENSIONS [mm]					VOLUME [l]	WEIGHT [kg]
			[Nm³/h]	[scfm]	A	B	C	D	E		
GHBF 0240	80	1 x 76090	1680	989	1170	450	1645	219	177	39	61
GHBF 0300	100	2 x 76090	3150	1853	1340	560	1780	324	227	103	115
GHBF 0450	125	3 x 76090	4700	2765	1360	560	1780	324	227	104	123
GHBF 0600	150	4 x 76090	6300	3706	1425	620	1810	368	265	133	178
GHBF 0900	150	6 x 76090	9400	5530	1480	680	1850	419	650	184	218
GHBF 1200	200	8 x 76090	12550	7382	1835	792	510	508	-	283	320
GHBF 1500	200	10 x 76090	15700	9235	1880	918	535	610	-	421	455
GHBF 1800	250	12 x 76090	18850	11088	1950	955	555	610	-	428	500
GHBF 2500	250	16 x 76090	25100	14765	2060	1042	645	711	-	608	590
GHBF 3000	300	20 x 76090	31400	18481	2130	1085	680	711	-	609	684

Flow capacity at 7 bar(g), 20°C

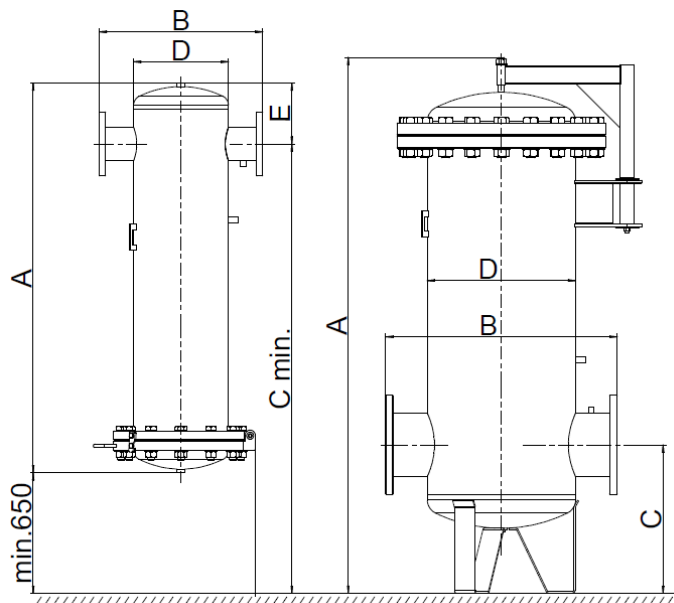
**PRESSURE EQUIPMENT DIRECTIVE PED
97/23/CE (Fluid group 1)**

GHBF 0240 – GHBF 3000 Category 4, Module H1

CORRECTION FACTORS

To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor(s).

CORRECTED CAPACITY = NOMINAL FLOW CAPACITY x C_{OP}




OPERATING PRESSURE

[bar]	3	5	7	9	11	15	17	19	21	23	25
[psi]	44	72	100	130	160	218	246	274	302	303	358
C _{OP}	0,50	0,75	1	1,25	1,50	2,0	2,25	2,5	2,75	3	3,25

MAINTENANCE

Replace filter element at least every 12 months or follow the instructions for specific filter element. Change the sealing when you disassemble filter housing. Once per year make a visual check of filter housing and make sure there is no visual damage.

INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE

	<p>Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2008 Reg. number: 200285</p>
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