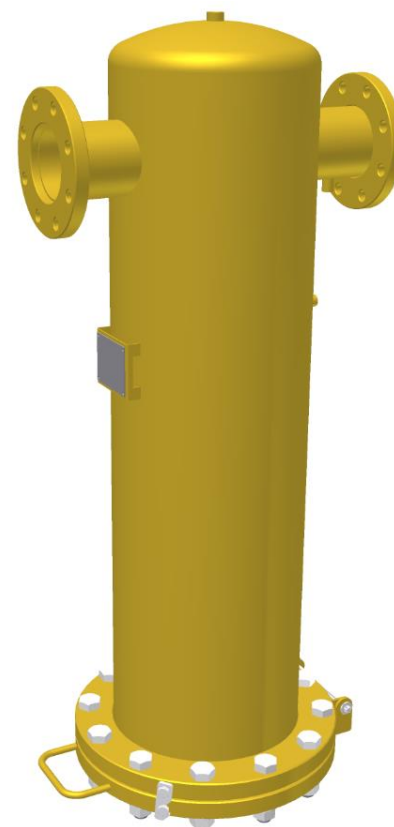


MEDIUM PRESSURE FILTER – GHBF (25bar)



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]
			[Nm ³ /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

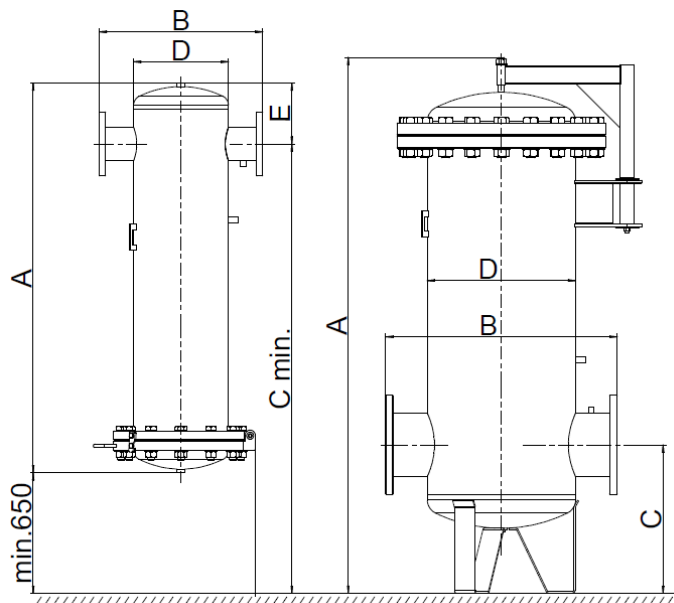
**PRESSURE EQUIPMENT DIRECTIVE PED
97/23/CE (Fluid group 1)**

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

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