

Filter Housing HD High Pressure



ultrafilter HD

■ The ultra.filter HD high pressure filter housings are designed for the purification of compressed air and gases.

■ Due to the modular design of the housings different filter elements can be used.

■ A multitude of housings with different connections, allow to match the requirements of the application, e. g. the compressor size. This product series offers 8 different housings ranging from a volume flow of 30 m³/h to 720 m³/h, in the pressure stages PN 25 to PN 400 (related to 7 bar (ü) and 20°C)

Features and advantages

- 6 pressure stages from PN 25 to PN 400.
- 8 housing sizes to match compressor performance.
- Anodized aluminium (up to PN 64) or carbon steel housings (exceeding PN 100).

HD high pressure filter housings

Materials:

Filter housing	PN 25 - PN 64 aluminium EN AW 5754 PN 100 - PN 400 carbon steel 22.8
Sealing	O-ring parting compound free, made of Perbunan
Pressure stages	PN 25, PN 40,0 PN 64, PN 100, PN 250, PN 400

Maximum operating temperature:

- 10 °C / +80 °C

Connection:

1/4" to 2" BSP

Surface finish:

PN 25 - PN 64	Aluminium anodized
PN 100 - PN 400	carbon steel, electroless nickel

Aluminium Housing PN 25 - PN 64

Max. operating pressure:	25 bar, 40 bar, 64 bar
Test pressure	36 bar, 57,2 bar, 92 bar
Material	EN AW 5754
Paint Coat	anodized

Classification acc. to 97/23/EC

HD 0003 - HD 0006 HD 0048 25 bar	Art. 3 par 3
HD 0048 40 - 64 bar HD 0072 25 - 64 bar	Cat. I

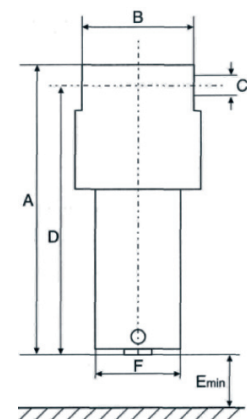
Carbon steel housing PN 100 - PN 400

Max. operating pressure:	100 bar, 250 bar, 400 bar
Test pressure	143 bar, 357,2 bar, 572 bar
Material	CC 22,8
Paint Coat	electroless nickel

Classification acc. to 97/23/EC

HD 0003 - HD 0036 HD 0048 100 bar	Art. 3 par 3 Cat. I
HD 0048 250 - 400 bar HD 0072 100 - 250 bar	Cat. II
HD 0072 400 bar	Cat. III

Housing type	Pressure	A mm	B mm	Ø C* mm	Ø D mm	E mm	F mm	Element
0003	25 - 64 bar	165	85	1/4"	145	130	65	03/05
0006	25 - 64 bar	165	85	3/8"	145	130	65	03/10
0012	25 - 64 bar	205	105	1/2"	185	190	75	04/20
0018	25 - 64 bar	230	105	3/4"	205	190	75	05/20
0027	25 - 64 bar	235	119	1"	210	190	90	05/25
0036	25 - 64 bar	290	119	1 1/4"	255	250	90	07/25
0048	25 - 64 bar	315	150	1 1/2"	280	250	115	07/30
0072	25 - 64 bar	405	186	2"	365	340	130	10/30
0003	100 - 400 bar	170	85	1/4"	150	130	70	03/05
0006	100 - 400 bar	170	85	3/8"	150	130	70	03/10
0012	100 - 400 bar	210	105	1/2"	190	190	85	04/20
0018	100 - 400 bar	235	105	3/4"	215	190	85	05/20
0027	100 - 400 bar	250	119	1"	220	190	100	05/25
0036	100 - 400 bar	305	119	1 1/4"	270	250	100	07/25
0048	100 - 400 bar	330	150	1 1/2"	295	250	130	07/30
0072	100 - 400 bar	420	186	2"	380	340	150	10/30



Technical Alternations reserved.