

Compressed Air Filters

Microcomp High Pressure Filters



DESIGNED BY KAMETIN VALAN





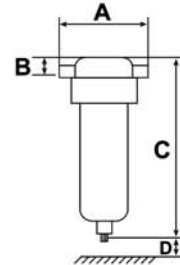
MICROCOMP HIGH PRESSURE FILTERS

TECHNICAL DATA

FILTER MODEL 16bar-40bar	Max. Working Pressure (bar)	PORT SIZE	FLOW RATE AT 40 bars		ELEMENT MODEL	HOUSING DIMENSIONS (mm)			
			(m ³ /h)	(scfm)		A	B	C	D
HG 100	40	1/4"	71	42	M25	100	25	156	85
HG 300	40	1/2"	212	125	M50	100	27	163	85
HG 600	40	3/4"	425	250	M100	100	30	207	125
HG 850	40	1"	595	350	M150	125	34	253	160
HG 1200	40	1"	850	500	M200	125	34	317	225

FILTER MODEL 40bar-350bar	Max. Working Pressure (bar)	PORT SIZE	FLOW RATE AT 350 bars		ELEMENT MODEL	HOUSING DIMENSIONS (mm)			
			(m ³ /h)	(scfm)		A	B	C	D
HGH 100	350	1/4"	102	60	M25	100	25	156	85
HGH 300	350	1/2"	298	175	M50	100	27	163	85
HGH 600	350	3/4"	595	350	M100	100	30	207	125
HGH 850	350	1"	850	500	M150	125	34	253	160
HGH 1200	350	1"	1190	700	M200	125	34	317	225

SPECIFICATION	PRE FILTERING	GENERAL PURPOSE	OIL REMOVAL	ACTIVATED CARBON
Grade	P	X	Y	A
Particle Removal (Micron)	5	1	0,01	0,01
Max. Oil carryover at 21C (mg/m3)	5	0.5	0,01	0,003
Max. Working Temperature (°C)	80	80	80	25
Initial Pressure Loss (mbar)	40	80	100	80
Pressure Loss for Element Change (mbar)	700	700	700	700
Element Colour Code	Green	Blue	Red	Metal



NOTES

- 1) Grade A must not operate in oil saturated conditions.
- 2) Grade A elements should be replaced periodically to suit the applications but must be changed at least every six months.
- 3) Grade A will not remove certain gases including carbon monoxide and carbon dioxide. Please refer to works if in doubt.
- 4) All filters are suitable for use with mineral and synthetic oils.
- 5) The above housings require only one filter element.
- 6) Direction of air flow, inside to out, through filter element. Except grade A.

ORDERING:

The complete filter model number contains the size and grade, example - 1/4" general purpose filter model HG100MX with replacement filter element model M100X.



MIKROPOR

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