

Compressor - Exhauster

Single stage Lateral Channel Blowers - 50Hz / 60Hz

X1.08 SM

Main Features

- Compliance with the Machinery Directive 2006/42/CE
- Maximum flow: 96 m³/h
- Maximum Pressure: +130 mbar
- Maximum Vacuum: -120 mbar
- Aluminium alloy parts
- Motors manufactured in conformity to EN 60034-1 / IEC 60034-1
- Suitable for horizontal and vertical installation
- Inlet / Outlet ports: G1 1/4"



Technical Data for 50Hz / 60Hz - 2 poles - Three-Phase Motors

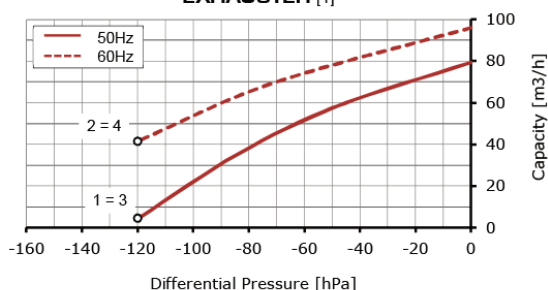
Curve n.	Order code	Maximum flow	Maximum Differential Pressure Δp	Frequency	Electric Motor data			Noise level Lp [3]	Weight
		[m ³ /h]	[hPa]		Installed Power	Voltage Δ / Y	Rated Amps Δ / Y		
				[Hz]	[kW]	[V]	[A]	[dB (A)]	[kg]
1	X1.08-0.4T	80	-120 / +130	50	0,4	200-240 / 345-415	2,6 / 1,5	53	10
2	X1.08-0.4T	96	-120 / +120	60	0,5	220-275 / 380-480	2,6 / 1,5	56	10

Technical Data for 50Hz / 60Hz - 2 poles - Single-Phase Motors

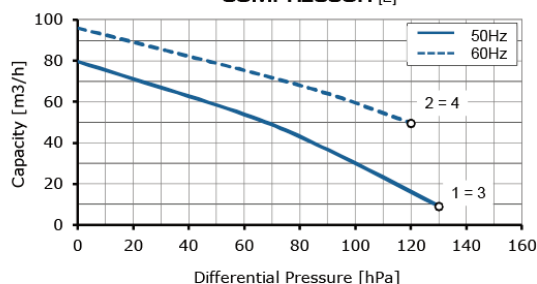
Curve n.	Order code	Maximum flow	Maximum Differential Pressure Δp	Frequency	Electric Motor data			Noise level Lp [3]	Weight
		[m ³ /h]	[hPa]		Installed Power	Voltage	Rated Amps		
				[Hz]	[kW]	[V]	[A]	[dB (A)]	[kg]
3	X1.08-0.4M	80	-120 / +130	50	0,4	200-240	2,7	53	11
4	X1.08-0.5M	96	-120 / +120	60	0,5	200-240	3,2	56	11

Performance Diagrams

EXHAUSTER [1]



COMPRESSOR [2]



Notes:

[1] Performance curves refer to operative conditions to air at 15°C temperature measured at inlet port and a pressure of 1013 hPa (abs) at outlet port.

[2] Performance curves refer to operative conditions to air at 15°C temperature and 1013 hPa (abs) pressure measured at inlet port.

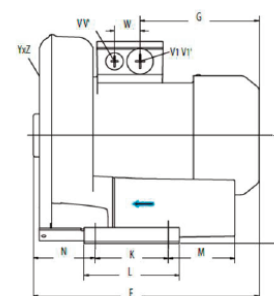
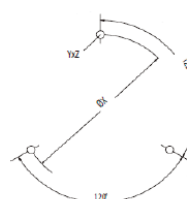
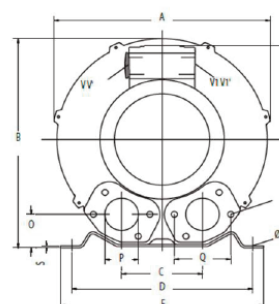
Tolerance on capacity values: +/- 10%

[3] Noise measured at 1 meter distance in accordance to EN ISO 3744, tolerance: +/- 3dB

For proper installation and safe use of the blower it must be equipped with relief valve and air filter.

For further details ask for the Compression connection diagram.

Overall Dimensions [mm]



Code	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q
X1.08-0.4T	246	247	90	205	230	256	135	128	111	83	108	75	71	39	G1 1/4"	64
X1.08-0.4/0.5M	246	247	90	205	230	256	135	128	111	83	108	75	71	39	G1 1/4"	64

Code	ØR	S	U	V	V'	V1	V1'	YzZ	ØX
X1.08-0.4T	10	2.5	M6x17	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	Ø140
X1.08-0.4/0.5M	10	2.5	M6x17	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	Ø140