

Compressor - Exhauster

Single stage Lateral Channel Blowers - 50Hz / 60Hz

X1.21 SM

Main Features

- CE Compliance with the Machinery Directive 2006/42/CE
- Maximum flow: 250 m³/h
- Maximum Pressure: +270 mbar
- Maximum Vacuum: -230 mbar
- Aluminium alloy parts
- Motors manufactured in conformity to EN 60034-1 / IEC 60034-1
- Suitable for horizontal and vertical installation
- Inlet / Outlet ports: G2"



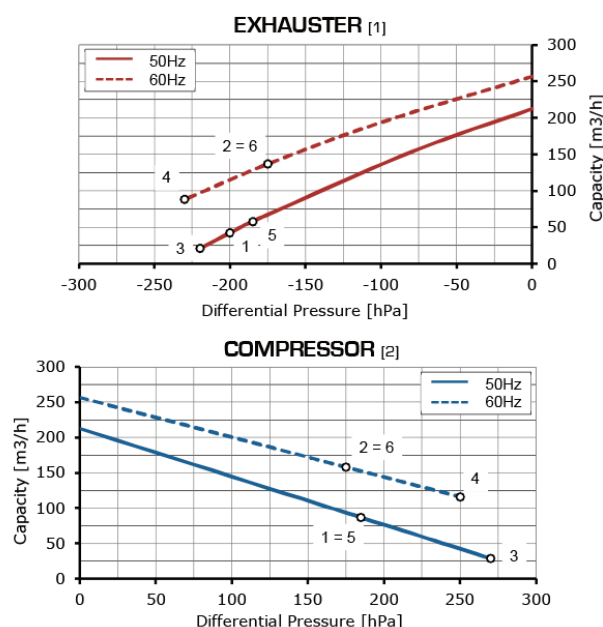
Technical Data for 50Hz / 60Hz - 2 poles - Three-Phase Motors

Curve n.	Order code	Maximum flow [m ³ /h]	Maximum Differential Pressure Δp [hPa]	Frequency [Hz]	Electric Motor data Installed Power [kW]	Voltage Δ / Y [V]	Rated Amps Δ / Y [A]	Noise level Lp [3] [dB (A)]	Weight [kg]
1	X1.21-1.5T	210	-200 / +185	50	1,5	200-240 / 345-415	7,5 / 4,3	64	21
2	X1.21-1.5T	250	-175 / +175	60	1,75	220-275 / 380-480	7,6 / 4,4	70	21
3	X1.21-2.2T	210	-220 / +270	50	2.2	200-240 / 345-415	9,7 / 5,6	64	25
4	X1.21-2.2T	250	-230 / +250	60	2.55	220-275 / 380-480	10,3 / 6,0	70	25

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

Curve n.	Order code	Maximum flow [m ³ /h]	Maximum Differential Pressure Δp [hPa]	Frequency [Hz]	Electric Motor data Installed Power [kW]	Voltage [V]	Rated Amps [A]	Noise level Lp [3] [dB (A)]	Weight [kg]
5	X1.21-1.5M	210	-185 / +185	50	1,5	200-240	9,0	64	24
6	X1.21-1.75M	250	-175 / +175	60	1,75	200-240	9,5	70	24

Performance Diagrams



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.

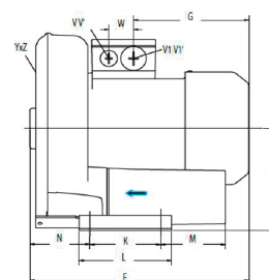
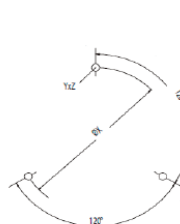
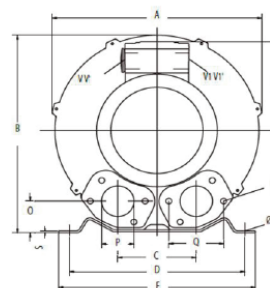
Tolerance on capacity values: +/-10%

[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
X1.21-1.5T/M - 1.75M	334	337	120	260	295	346	191	175	128	115	155	96	87	48	G2"	83
X1.21-2.2T	334	337	120	260	295	346	191	175	128	115	155	96	87	48	G2"	83

Code	ØR	S	U	V	V'	V1	V1'	YxZ	ØX
X1.21-1.5T/M - 1.75M	14	4	M8x17	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M8x20	Ø200
X1.21-2.2T	14	4	M8x17	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M8x20	Ø200

Data subject to change without prior notice.

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