

Compressor - Exhauster

Single stage Lateral Channel Blowers - 50Hz / 60Hz

X1.13 SM

Air Control Industries
Global Air Movement Specialists since 1969

italBLOWERS



Main Features

- CE Compliance with the Machinery Directive 2006/42/CE
- Maximum flow: 175 m³/h
- Maximum Pressure: +200 mbar
- Maximum Vacuum: -180 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 1/2"



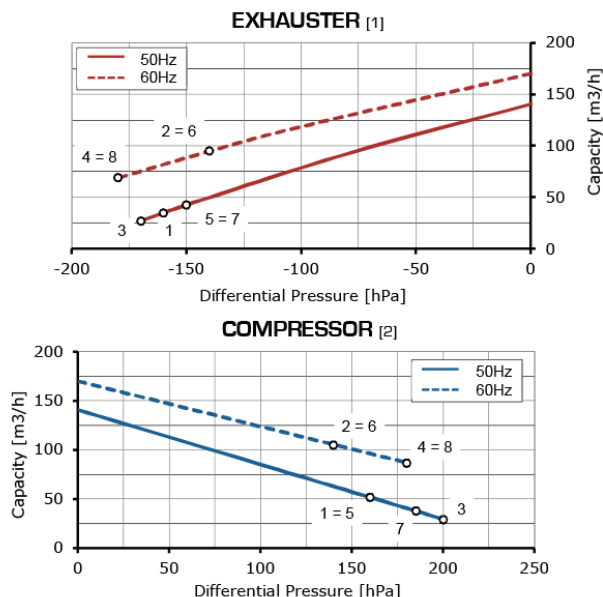
Technical Data for 50Hz / 60Hz - 2 poles - Three-Phase Motors

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	X1.13-0.85T	140	-160 / +160	50	0,85	200-240 / 345-415	4,2 / 2,4	63	15
2	X1.13-0.85T	175	-140 / +140	60	0,95	220-275 / 380-480	4,0 / 2,3	64	15
3	X1.13-1.3T	140	-170 / +200	50	1.3	200-240 / 345-415	6,6 / 3,8	63	16
4	X1.13-1.3T	175	-180 / +180	60	1.5	220-275 / 380-480	6,9 / 4,0	64	16

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]
5	X1.13-0.85M	140	-150 / +160	50	0,85	200-240	5,0	63	16
6	X1.13-0.95M	175	-140 / +140	60	0,95	200-240	5,8	64	16
7	X1.13-1.3M	140	-150 / +185	50	1.3	200-240	7,3	63	17
8	X1.13-1.5M	175	-180 / +180	60	1.5	200-240	7,8	64	17

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.

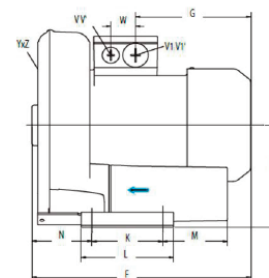
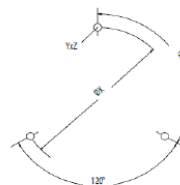
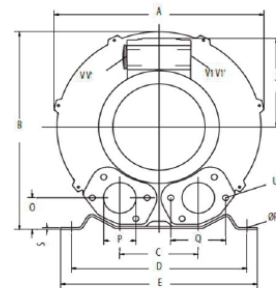
Tolerance on capacity values: +/-10%

[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
X1.13-0.85T/M	285	302	115	225	255	294	160	154	120	95	130	70	75	46	G1 1/2"	72
X1.13-1.3T/M -1.5M	285	302	115	225	255	292	160	154	120	95	130	70	75	46	G1 1/2"	72

Code	ØR	S	U	V	V'	V1	V1'	YxZ	ØX
X1.13-0.85T/M	12	3	M6x19	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	Ø174
X1.13-1.3T/M -1.5M	12	3	M6x19	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	Ø174

Data subject to change without prior notice.

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