# *Double stage Lateral Channel Blowers Compressor – 60Hz*

# *X2.10 SM*

italBLOWERS

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## Main Features

CE Compliance with the Machinery Directive 2006/42/CE

- Maximum flow: 116 m³/h
- Maximum Pressure: 400 mbar
- Aluminium alloy parts
- Motors manufactured in conformity to IEC 60034-1
- Suitable for horizontal and vertical installation
- Inlet / Outlet ports: G 1 ¼"

## Options

- Recognized TEFC ***cURus*** motors (UL & CSA approved)
- Special voltages
- Surface treatments

## Special Versions

ATEX certified blowers Cat.2/3GD.
MAG driven version (totally sealed).
Labyrinth sealed version.
Coupled version.

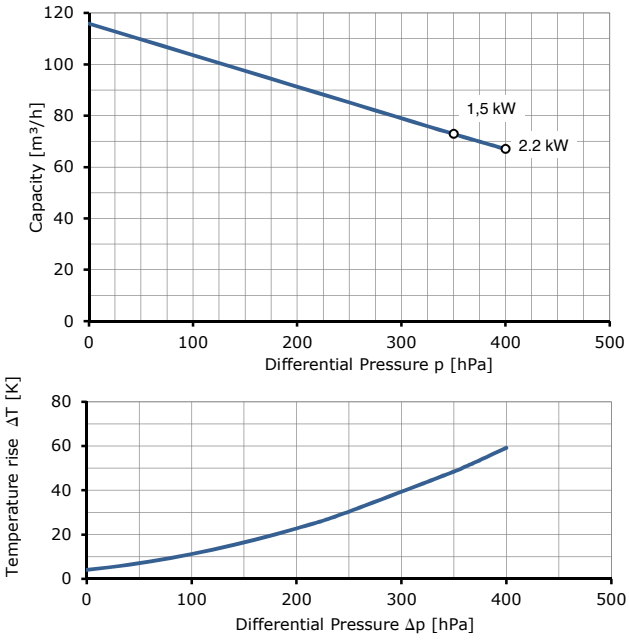
## Special Materials

Stainless steel alloys.
Cast iron casing on request.

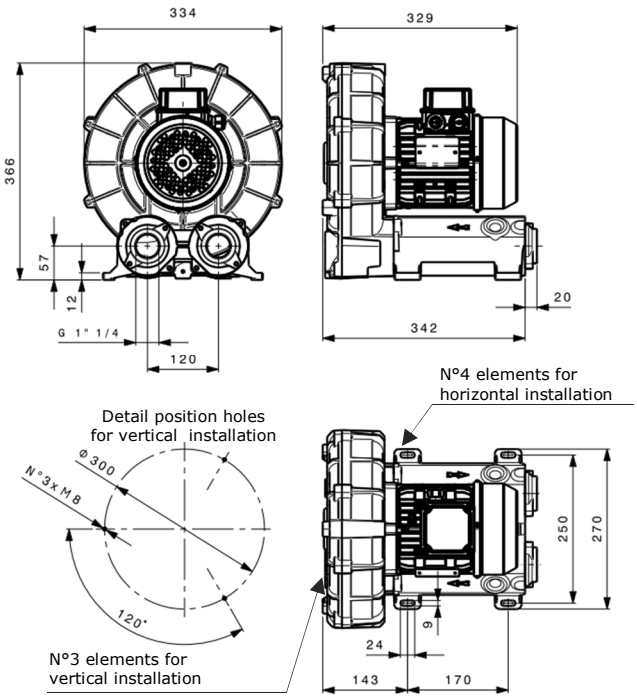
## Technical Data for 60Hz - 2 poles - Three-Phase Motors [5]

| Order Code | Maximum flow | Maximum Differential Pressure Δp | Electric Motor data | | | Noise level Lp [3] | Weight |
|---|---|---|---|---|---|---|---|
| | | | Installed Power | Voltage [2] Δ/Y | Rated Amps Δ/Y | | |
| | [m³/h] | [hPa] | [kW] | [V] | [A] | [dB (A)] | [kg] |
| **X2.10-1.50** | *116* | *350* | *1,5* | *230/380-480* | *6,3 / 3,6* | *68,5* | *23* |
| **X2.10-2.20** | *116* | *400* | *2,2* | *230/380-480* | *8,5 / 4,9* | *69,0* | *29* |

## Performance Diagrams [60Hz] [1]




## Overall Dimensions [mm] [4]




Notes:

(1) Performance curves refer to operative conditions to air at 15°C temperature and 1013 hPa (abs) pressure measured at inlet port.
Tolerance on capacity and temperature values: +/-10%.
1 hPa = 1 mbar
(2) Allowed tolerance for supplied voltage: +/-10%.
(3) Noise measured at 1 meter distance in accordance to EN ISO 3744, tolerance: +/-3 dB (A).
(4) Tolerance about dimensions according to: ISO 2768-c.
(5) For use with frequencies different from 60Hz, refer to variable frequency table.

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 Compressor connection diagram.