

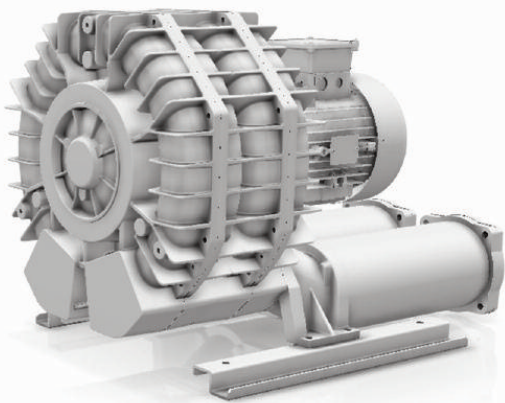
Single stage Lateral Channel Blowers

Compressor - 50Hz

D1.170 SM

Main Features

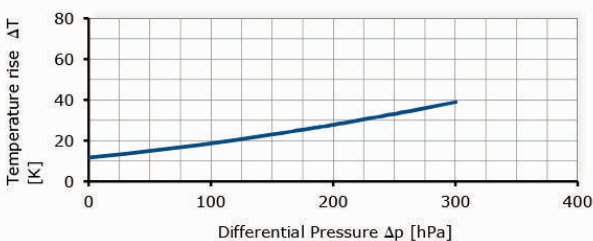
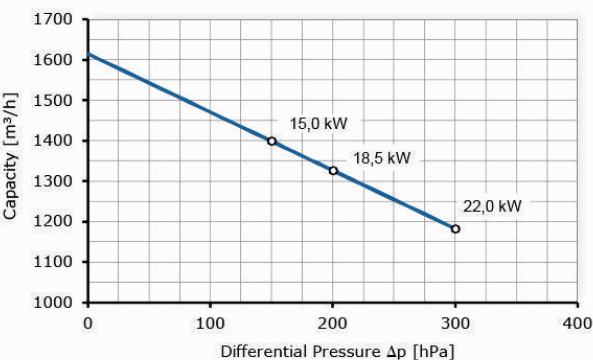
- CE Compliance with the Machinery Directive 2006/42/CE
- Maximum flow: 1615 m³/h
 - Maximum Pressure: 300 mbar
 - Aluminium alloy parts
 - Motors manufactured in conformity to EN 60034-1 / IEC 60034-1
 - Suitable for horizontal and vertical installation
 - Inlet / Outlet ports: G5"



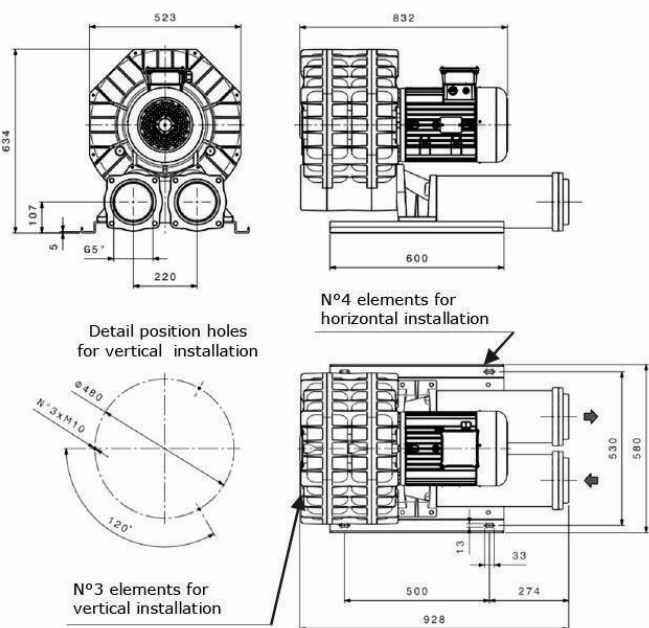
Technical Data for 50Hz - 2 poles - Three-Phase Motors [5]

Order Code	Maximum flow	Maximum Differential Pressure Δp	Electric Motor data			Noise level L_p [3]	Weight
	[m³/h]	[hPa]	Installed Power [kW]	Voltage [2] Δ/Y [V]	Rated Amps Δ/Y [A]	[dB (A)]	[kg]
D1.170-15.0	1615	150	15,0	400/690	29,2 / 16,9	84,5	150
D1.170-18.5	1615	200	18,5	400/690	34,8 / 20,1	85,0	174
D1.170-22.0	1615	300	22,0	400/690	43,0 / 25,0	86,0	195

Performance Diagrams [50Hz] [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 50Hz, 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.