

Technical Characteristics

- Aluminum alloy construction
- Smooth operation
- Maintenance free

Electric Motor

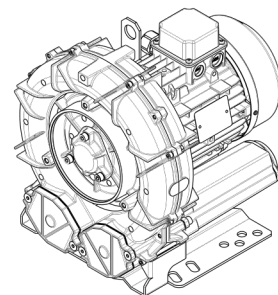
- IE3 Wide Range cURus Motors
- IP55 protection rating, class F insulation, suitable for operating with inverter
- Thermal Protector (PTO) as standard

Options

- Special voltages (IEC 60038)
- Surface treatments
- Increased seal version

~3	[V] (Y / Δ)	[Hz]
IE3	400 / 230	50
	460 / 265	60
Wide Range	345 – 415 / 200 – 240	50
	380 – 480 / 220 – 280	60

Supply voltage - Tolerance on the fixed voltage value $\pm 10\%$, in range $\pm 5\%$.



Performance Table

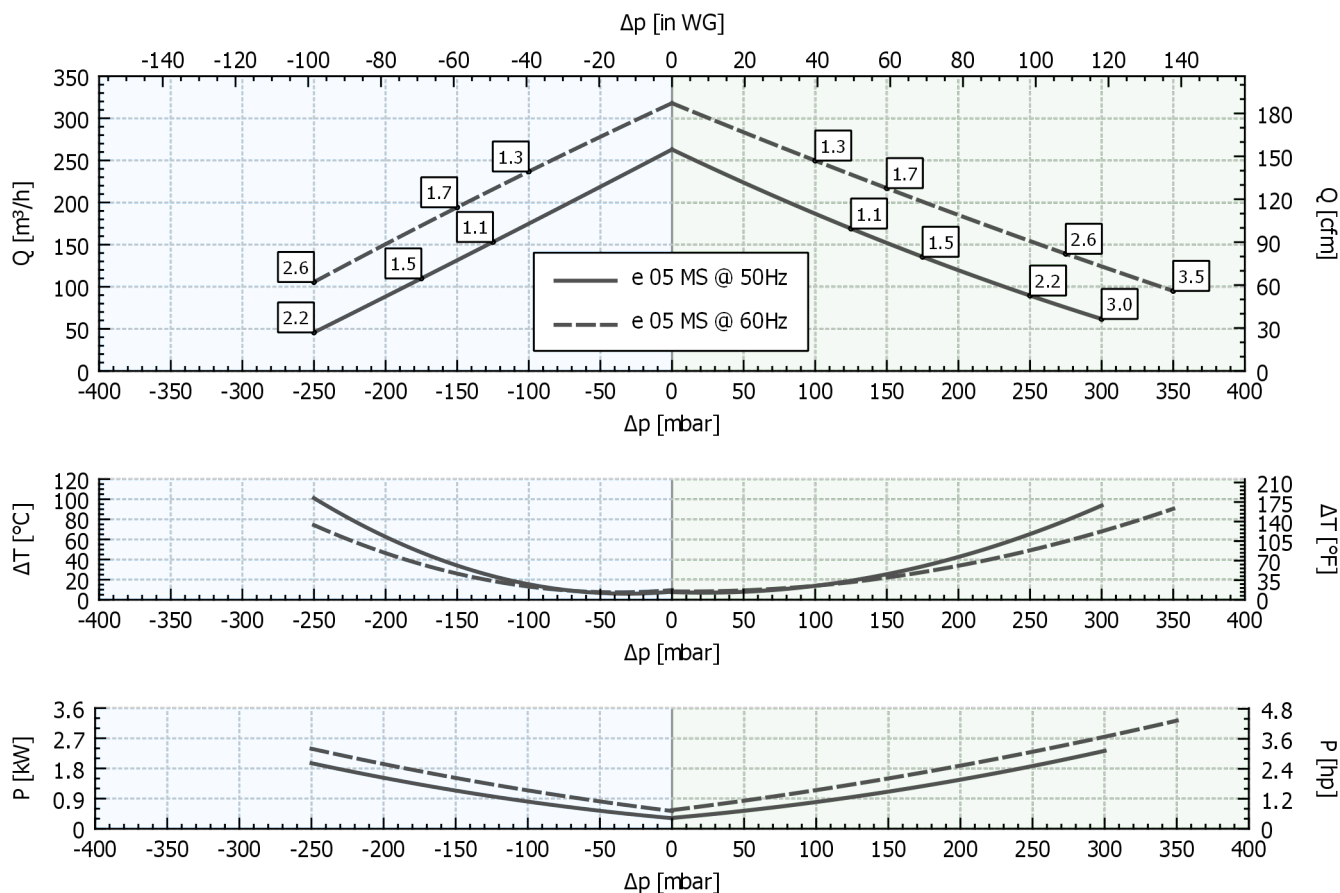
P _n [kW]	Frequency [Hz]	Δp _{max} [mbar]		Q _{max} [m³/h]	Leq ¹ [dB(A)]	Weight [kg]	H ² [mm]	Current Consumption (Y/Δ) [A]		Cosφ [-]	Speed [rpm]
		Suction	Compression					IE3	Range		
1.1	50	125	125	263	65	26	295	2.63 / 4.56	2.60-2.76 / 4.50-4.78	0.72	2930
1.3	60	100	100	318	72	26	295	2.56 / 4.43	2.73-2.60 / 4.73-4.50	0.75	3530
1.5	50	175	175	263	65	26	295	3.20 / 5.54	3.43-3.24 / 5.94-5.61	0.80	2905
1.7	60	150	150	318	72	26	295	3.07 / 5.32	3.49-3.07 / 6.04-5.32	0.81	3505
2.2	50	250	250	263	65	27	320	4.49 / 7.78	4.90-4.55 / 8.49-7.88	0.82	2900
2.6	60	250	275	318	72	27	320	4.46 / 7.72	5.23-4.47 / 9.06-7.74	0.84	3495
3	50	-	300	263	65	35	365	6.25 / 10.8	6.66-6.43 / 11.5-11.1	0.80	2930
3.5	60	-	350	318	72	35	365	6.20 / 10.7	7.05-6.19 / 12.2-10.7	0.82	3525

1. Noise level measured at a distance of 1 m with ducted intake and delivery, in accordance with Standard ISO 3744.

2. See figure "dimensions" at following page.

SUCTION

COMPRESSION

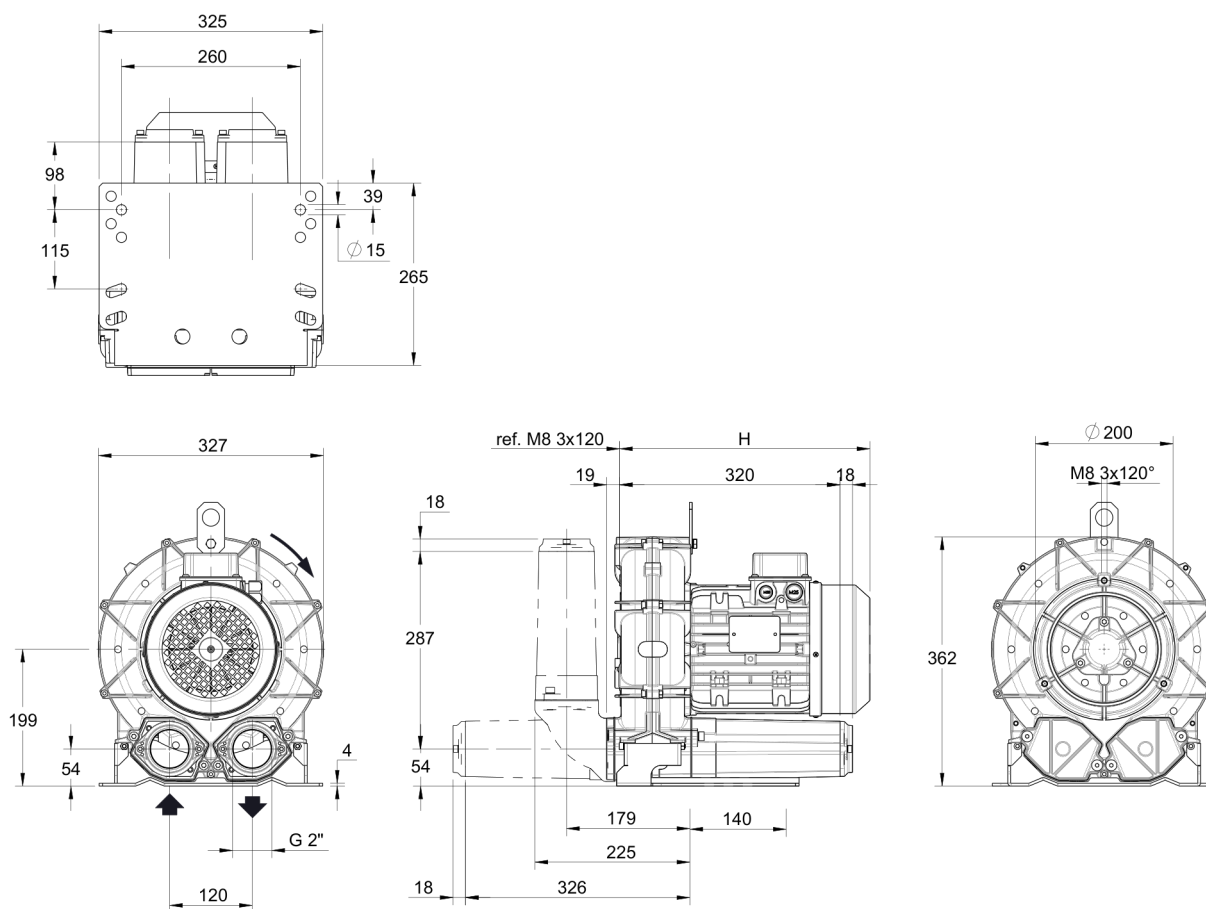


Tolerance on indicated values $\pm 10\%$.

Data subject to change without notice.

Curves referring to air at a temperature of 20 $^{\circ}C$ and atmospheric pressure of 1013 mbar (abs).

Dimensions



Configuration with a vertical silencer is only available with the CK accessory kit; for all assembly options refer to FPZ.
Dimensions in mm
NOT Binding

INSTALLATION

- For proper operation of the machine, it must be provided with a suction FILTER and a vacuum/pressure limiting VALVE.
- Other accessories are available on request.
- Permissible ambient and fluid temperature in suction from -15 °C to +40 °C.
- Read the instruction manual carefully before installing the machine.