

Technical Characteristics

- Aluminum alloy construction
- Smooth operation
- Maintenance free

Electric Motor

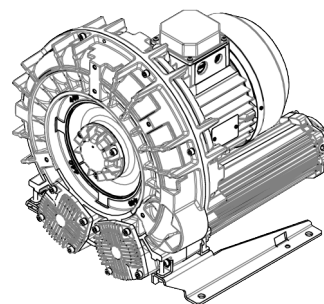
- IE3 Wide Range cURus Motors
- IP55 protection rating, class F insulation, suitable for operating with inverter
- Thermal Protector (PTO) as standard

Options

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

~3	[V] (Y / Δ)		[Hz]
	≤ 4 kW	> 4 kW	
IE3	400 / 230	690 / 400	50
	460 / 265	795 / 460	60
Wide Range	345 - 415 / 200 - 240	600 - 720 / 345 - 415	50
	380 - 480 / 220 - 280	660 - 830 / 380 - 480	60

Supply voltage - Tolerance on the fixed voltage value
± 10%, in range ± 5%.



evolution

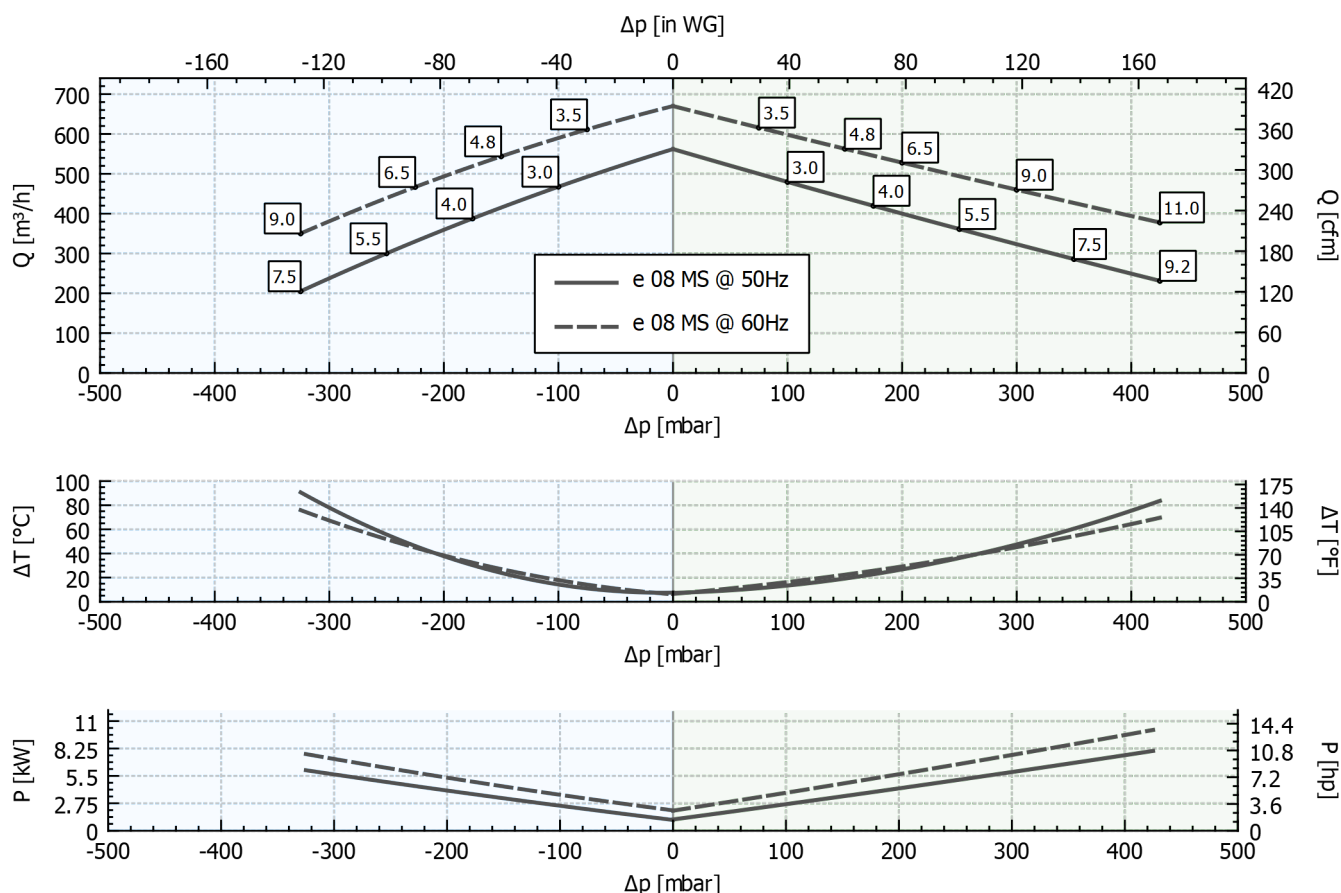
Performance Table

P _n [kW]	Frequency [Hz]	Δp _{max} [mbar]		Q _{max} [m³/h]	Leq¹ [dB(A)]	Weight [kg]	H² [mm]	Current Consumption (Y/Δ) [A]		Cosφ [-]	Speed [rpm]
		Suction	Compression					IE3	Range		
3	50	100	100	562	72.1	62	395	6.25 / 10.8	6.66-6.43 / 11.5-11.1	0.80	2930
3.5	60	75	75	670	76.8	62	395	6.20 / 10.7	7.05-6.19 / 12.2-10.7	0.82	3525
4	50	175	175	562	72.1	64	410	7.93 / 13.7	8.55-8.06 / 14.8-14.0	0.82	2910
4.8	60	150	150	670	76.8	64	410	7.94 / 13.8	9.31-7.93 / 16.1-13.7	0.85	3500
5.5	50	250	250	562	72.1	76	440	6.41 / 11.1	6.70-6.64 / 11.6-11.5	0.80	2940
6.5	60	225	200	670	76.8	76	440	6.35 / 11.0	7.10-6.41 / 12.3-11.1	0.83	3530
7.5	50	325	350	562	72.1	82	440	8.95 / 15.5	9.06-9.30 / 15.7-16.1	0.78	2940
9	60	325	300	670	76.8	82	440	8.78 / 15.2	9.71-8.97 / 16.8-15.5	0.82	3535
9.2	50	-	425	562	72.1	87	480	10.3 / 17.8	10.9-10.5 / 18.9-18.1	0.83	2935
11	60	-	425	670	76.8	87	480	10.2 / 17.7	11.7-10.3 / 20.3-17.8	0.86	3530

- Noise level measured at a distance of 1 m with ducted intake and delivery, in accordance with Standard ISO 3744.
- See figure "dimensions" at following page.

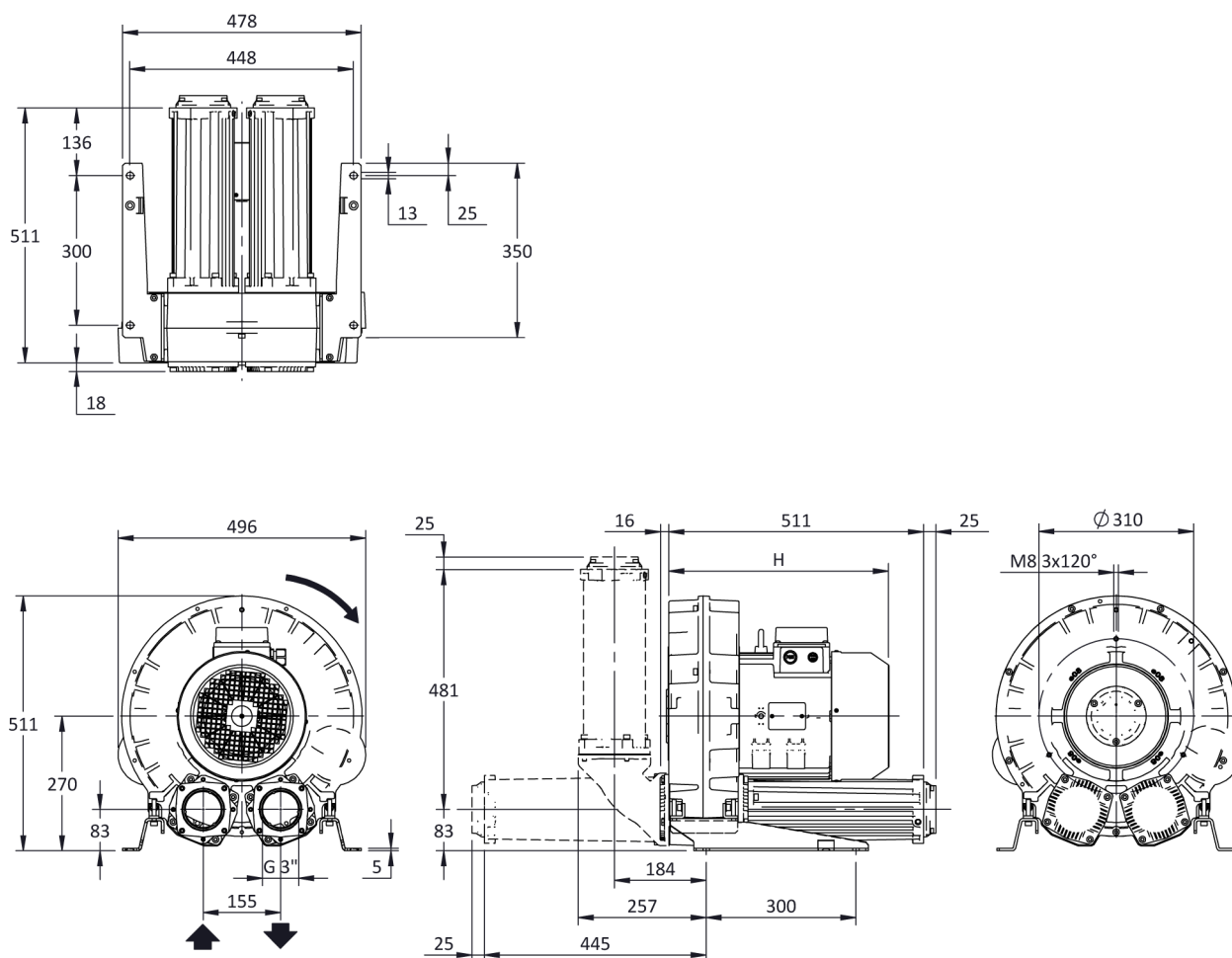
SUCTION

COMPRESSION



Tolerance on indicated values $\pm 10\%$.
Data subject to change without notice.
Curves referring to air at a temperature of 20 $^{\circ}\text{C}$ 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.