



Version:
ATEX II 3GD T3

SIDE CHANNEL BLOWER



SERIES **e** MODEL **11**
TYPE **MS** EXECUTION **MOR**
Rev. 21-01 EN

Technical Characteristics

- Aluminum alloy construction
- Smooth operation

Electric Motor

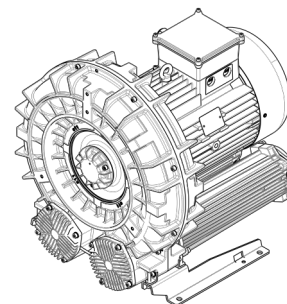
- IE3 Wide Range Motors
- IP65 protection rating, class F insulation, suitable for operating with inverter
- Thermal Protector (PTO) as standard

Options

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

~3	[V] (Y / Δ)	[Hz]
IE3	690 / 400	50
	795 / 460	60
Wide Range	660 - 720 / 380 - 415	50
	760 - 830 / 440 - 480	60

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



Performance Table

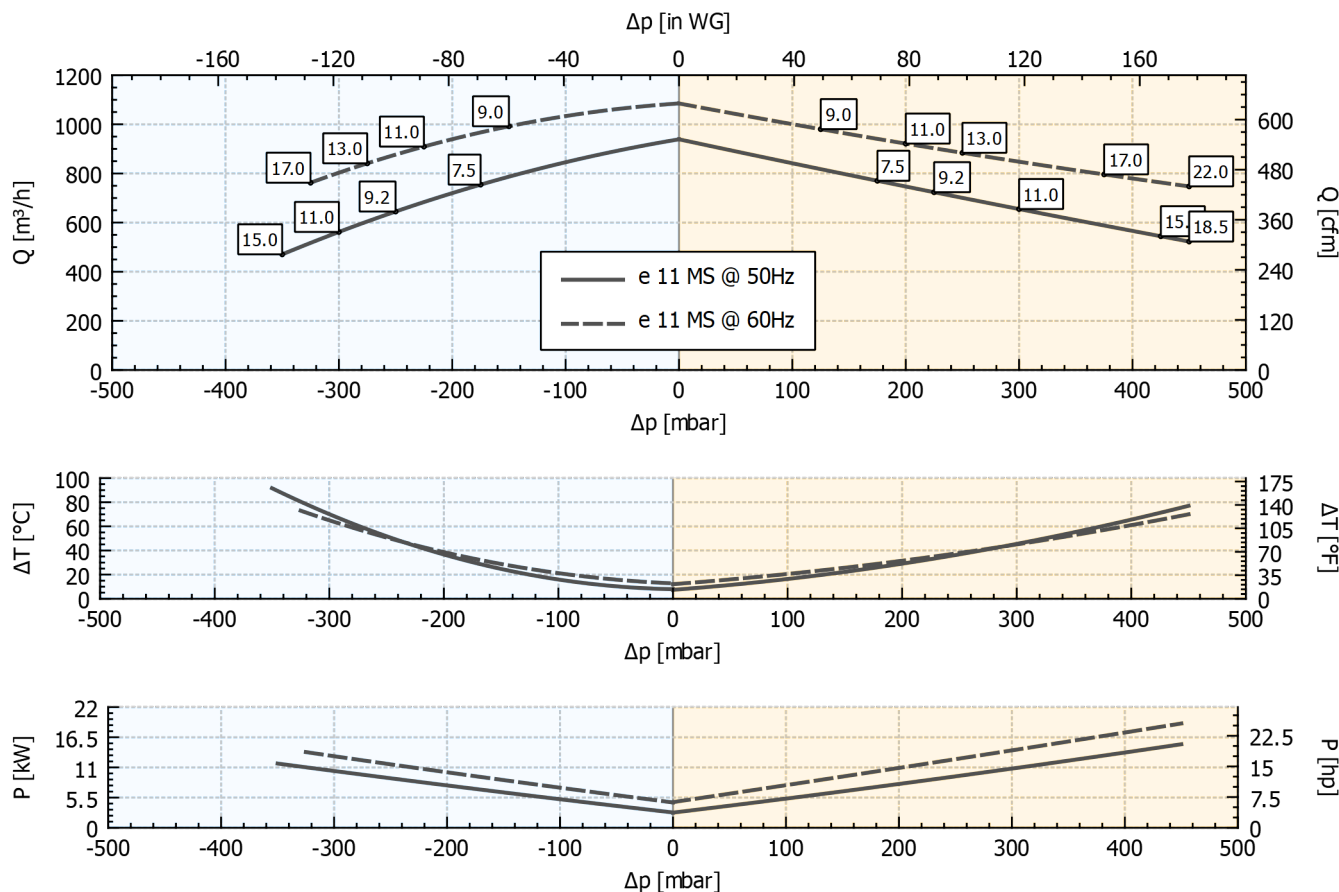
P _n [kW]	Frequency [Hz]	Δp _{max} [mbar]		Q _{max} [m³/h]	Leq¹ [dB(A)]	Weight [kg]	H² [mm]	Current Consumption (Y/Δ) [A]		Cosφ [-]	Speed [rpm]
		Suction	Compression					IE3	Range		
7.5	50	175	175	939	78	102	495	8.31 / 14.4	8.43-8.37 / 14.6-14.5	0.83	2950
9	60	150	125	1085	83	102	495	8.43 / 14.6	8.60-8.37 / 14.9-14.5	0.86	3535
9.2	50	250	225	939	78	109	495	10.2 / 17.6	10.2-10.3 / 17.7-17.8	0.83	2950
11	60	225	200	1085	83	109	495	10.2 / 17.7	10.4-10.2 / 18.0-17.6	0.86	3545
11	50	300	300	939	78	115	495	12.1 / 21.0	12.4-12.4 / 21.4-21.4	0.83	2940
13	60	275	250	1085	83	115	495	12.1 / 21.0	12.3-12.1 / 21.3-21.0	0.86	3535
15	50	350	425	939	78	149	595	15.9 / 27.5	16.3-15.9 / 28.2-27.5	0.86	2950
17	60	325	375	1085	83	149	595	15.4 / 26.7	15.8-15.2 / 27.3-26.3	0.87	3555
18.5	50	-	450	939	78	150	635	19.6 / 34.0	19.9-19.6 / 34.4-33.9	0.85	2950
22	60	-	450	1085	83	150	635	19.6 / 34.0	20.1-19.5 / 34.8-33.8	0.87	3550

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. For vertical installation, please contact Zorg

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).



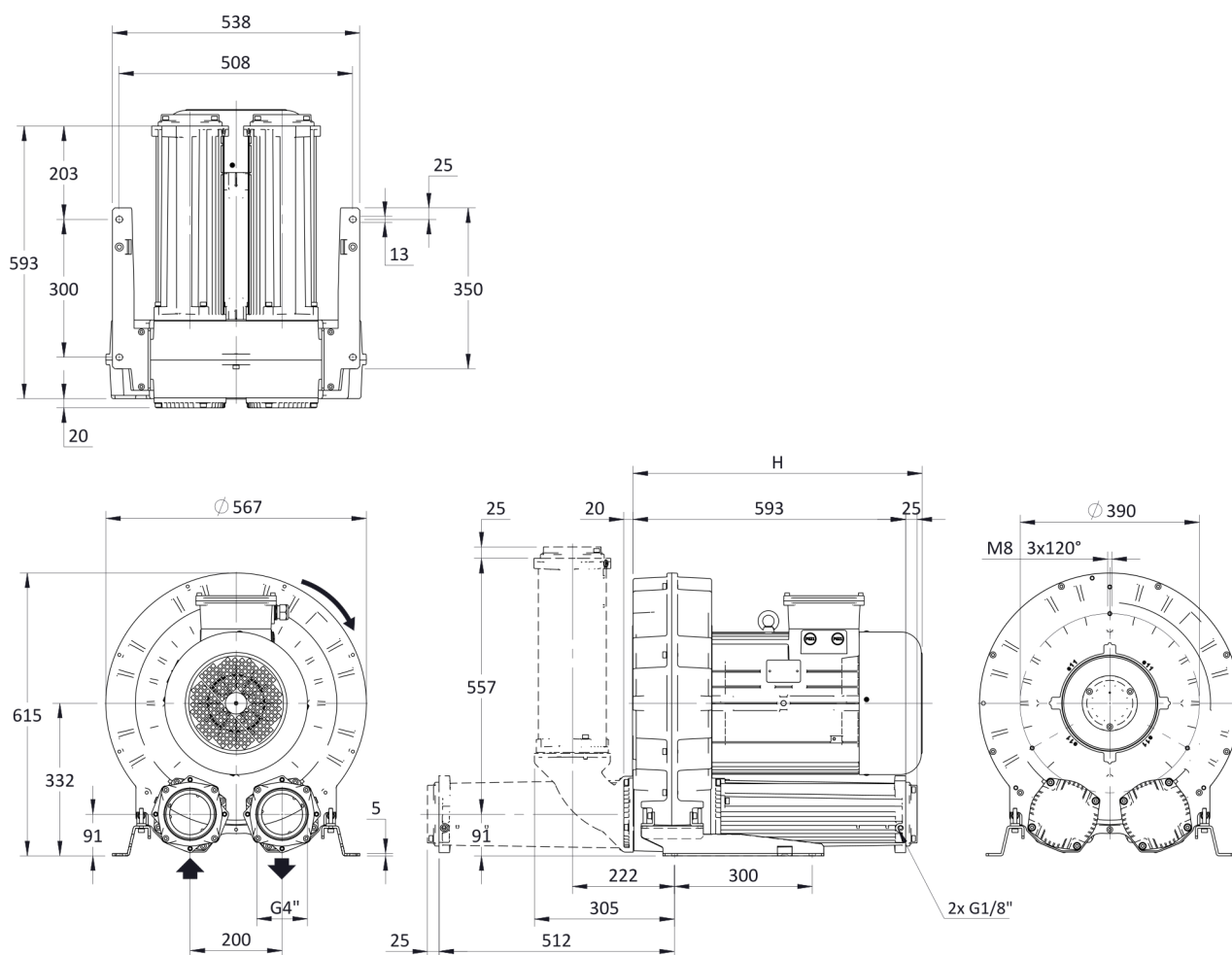
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Dimensions



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.
- Permissible ambient and fluid temperature in suction from -15 °C to +40 °C.
- Read the instruction manual carefully before installing the machine.