



Version:  
ATEX II 3GD T3

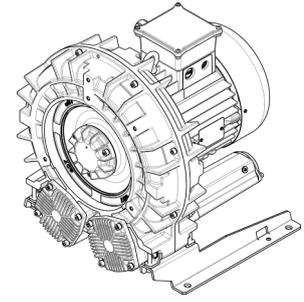
SIDE CHANNEL BLOWER

SERIES **e** MODEL **07**  
TYPE **MD** EXECUTION **MOR**  
Rev. 22-01 EN

<b>Technical Characteristics</b>
<ul style="list-style-type: none"> <li>Aluminum alloy construction</li> <li>Smooth operation</li> </ul>
<b>Electric Motor</b>
<ul style="list-style-type: none"> <li>IP65 motor rating</li> <li>Class F(B) insulation</li> <li>Thermal Protector (PTO) as standard</li> </ul>
<b>Options</b>
<ul style="list-style-type: none"> <li>Special voltages (IEC 60038)</li> <li>Surface treatments</li> <li>Increased seal version</li> </ul>

~3	[V] (Y / Δ)		[Hz]
	≤ 4 kW	> 4 kW	
IE3	400 / 230	690 / 400	50
	460 / 265	795 / 460	60
Wide	380 - 415 / 220 - 240	660 - 720 / 380 - 415	50
Range	440 - 480 / 255 - 280	760 - 830 / 440 - 480	60

Supply voltage - IE2 only at 50 Hz - Tolerance on the fixed voltage value ± 10%, in range ± 5%.

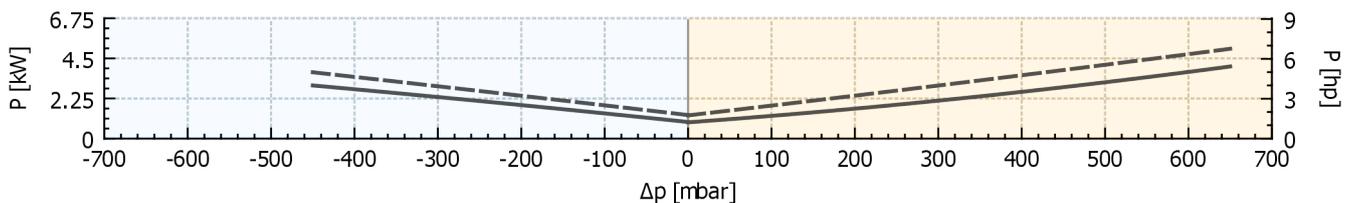
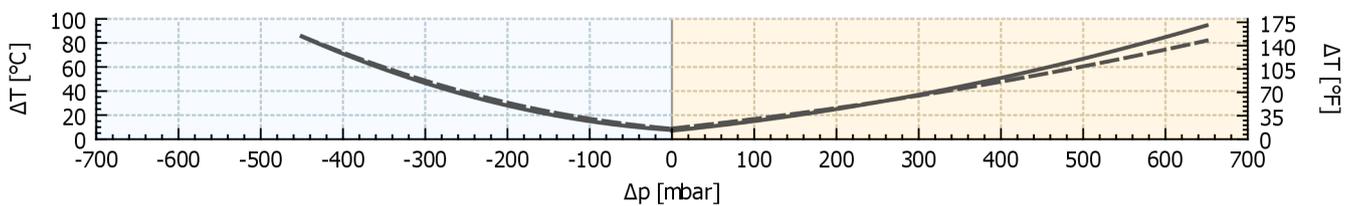
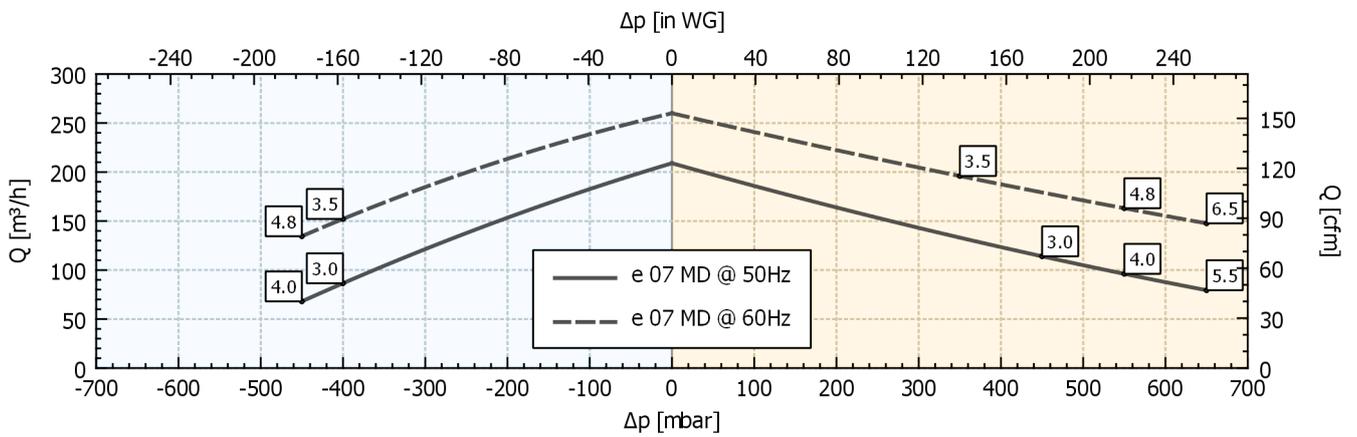


**Performance Table**

P <sub>n</sub> [kW]	Frequency [Hz]	Δp <sub>max</sub> [mbar]		Q <sub>max</sub> [m³/h]	Leq <sup>1</sup> [dB(A)]	Weight [kg]	H <sup>2</sup> [mm]	Current Consumption (Y/Δ) [A]		Cosφ [-]	Speed [rpm]
		Suction	Compression					IE3	Range		
3	50	400	450	209	72	57	405	6.24 / 10.8	6.29-6.43 / 10.9-11.1	0.79	2930
3.5	60	400	350	260	77	57	405	6.20 / 10.7	6.42-6.19 / 11.1-10.7	0.82	3525
4	50	450	550	209	72	59	420	7.93 / 13.7	7.99-8.06 / 13.8-14.0	0.82	2910
4.8	60	450	550	260	77	59	420	7.94 / 13.8	8.09-7.93 / 14.0-13.7	0.85	3500
5.5	50	-	650	209	72	76	440	6.00 / 10.4	6.12-5.95 / 10.6-10.3	0.85	2950
6.5	60	-	650	260	77	76	440	6.00 / 10.4	6.18-5.89 / 10.7-10.2	0.87	3545

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 ± 10%.  
Data subject to change without notice.  
Curves referring to air at a temperature of 20 °C and atmospheric pressure of 1013 mbar (abs).

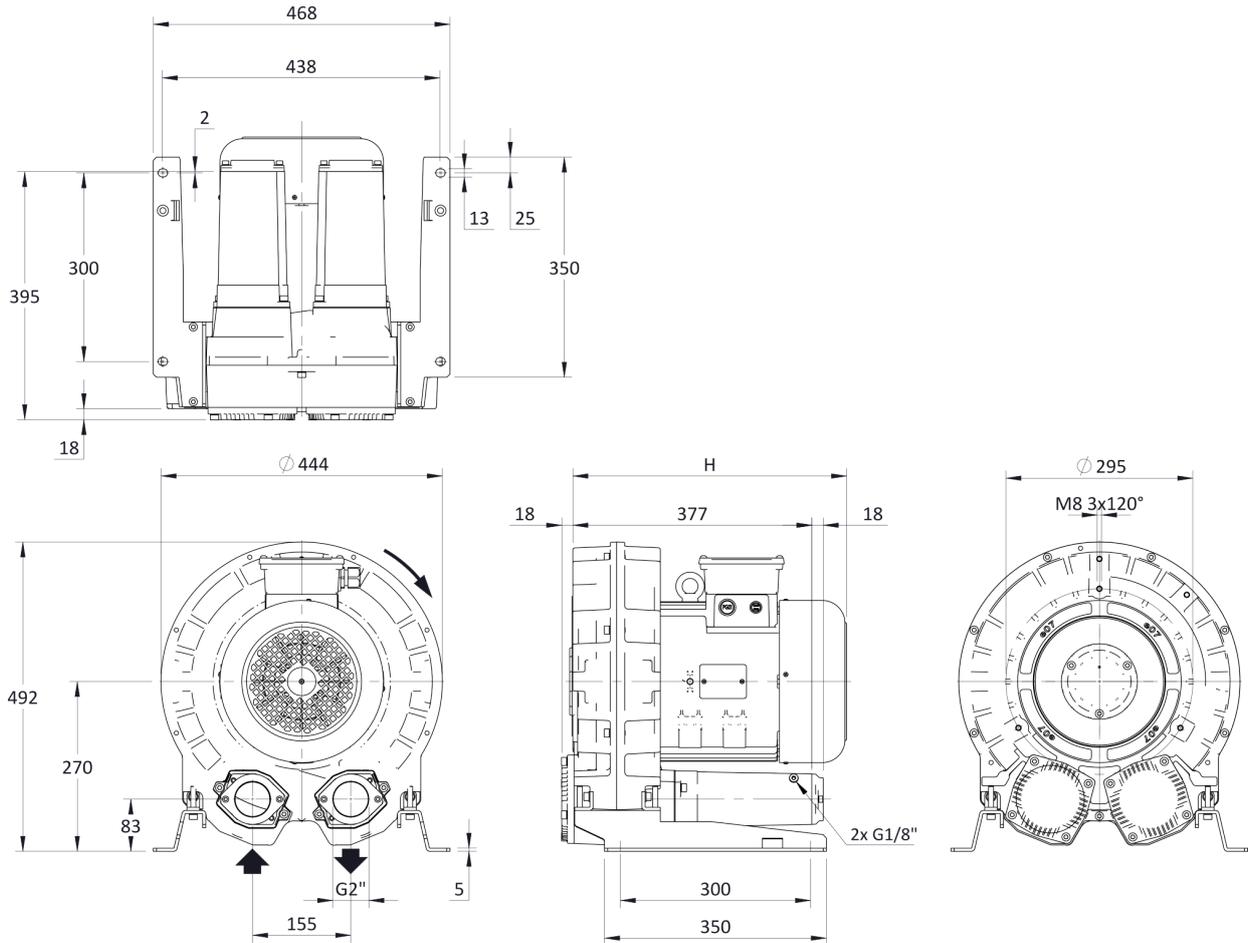


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## Dimensions



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.