



Version:
ATEX II 3GD T3

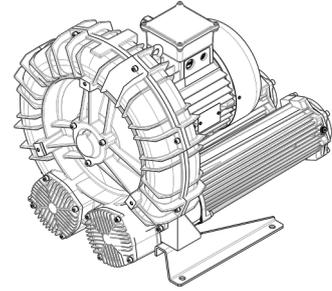
SIDE CHANNEL BLOWER **Ex**

SERIES **K** MODEL **10**
TYPE **MD** EXECUTION **MOR**
Rev. 20-00 EN

Technical Characteristics
<ul style="list-style-type: none"> Aluminum alloy construction Smooth operation
Electric Motor
<ul style="list-style-type: none"> IE3 Wide Range Motors IP65 protection rating, class F insulation, suitable for operating with inverter Thermal Protector (PTO) as standard
Options
<ul style="list-style-type: none"> 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 $\pm 5\%$.

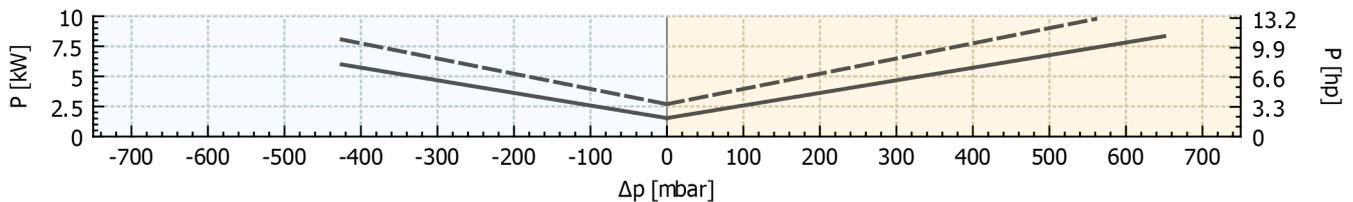
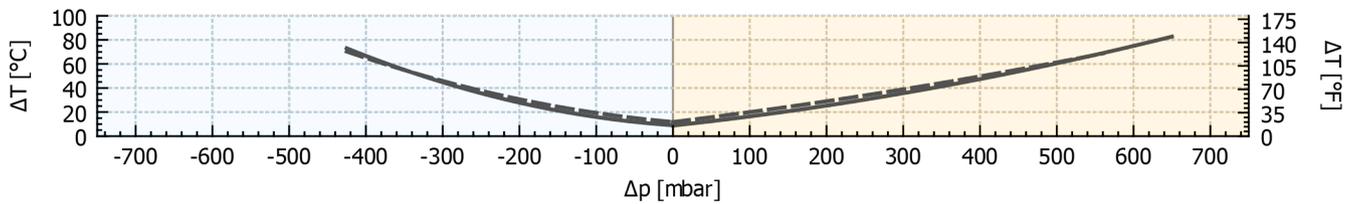
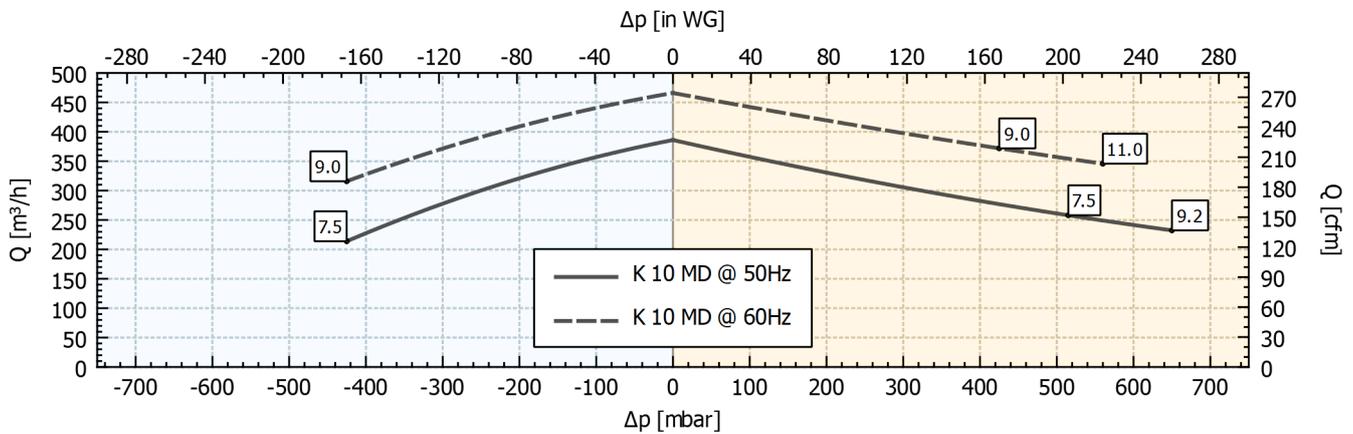


Performance Table

P _n [kW]	Frequency [Hz]	Δp _{max} [mbar]		Q _{max} [m³/h]	Leq ¹ [dB(A)]	Weight [kg]	H ² [mm]	Current Consumption (Y/Δ) [A]		Cosφ [-]	Speed [rpm]
		Suction	Compression					IE3	Range		
7.5	50	425	515	386	78.4	96.5	485	8.31 / 14.4	8.43-8.37 / 14.6-14.5	0.83	2950
9	60	425	425	466	80.4	96.5	485	8.43 / 14.6	8.60-8.37 / 14.9-14.5	0.86	3535
9.2	50	-	650	386	78.4	102.5	485	10.2 / 17.6	10.2-10.3 / 17.7-17.8	0.83	2950
11	60	-	560	466	80.4	102.5	485	10.2 / 17.7	10.4-10.2 / 18.0-17.6	0.86	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



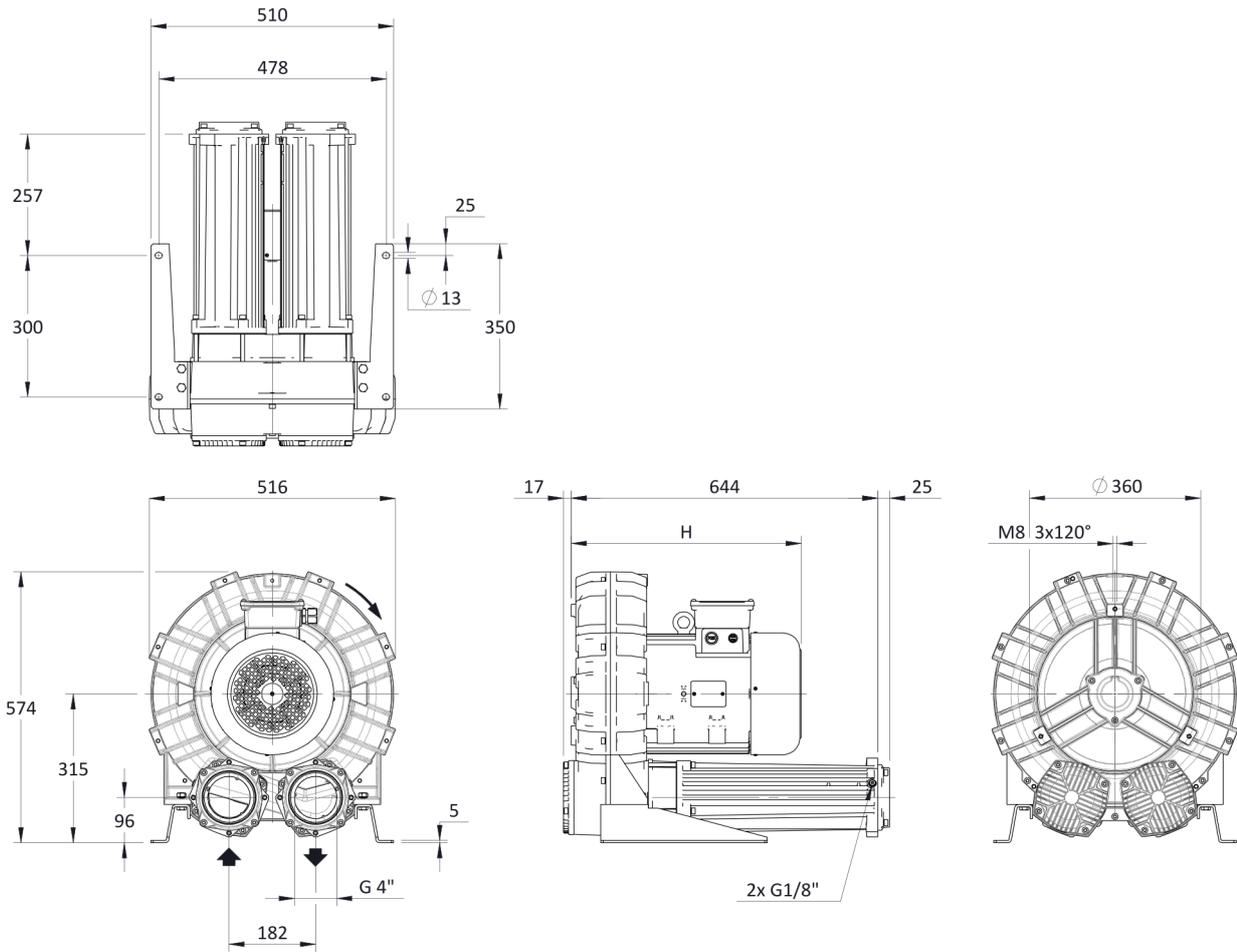
Tolerance on indicated values $\pm 10\%$.
Data subject to change without notice.
Curves referring to air at a temperature of 20 °C and atmospheric pressure of 1013 mbar (abs).



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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.