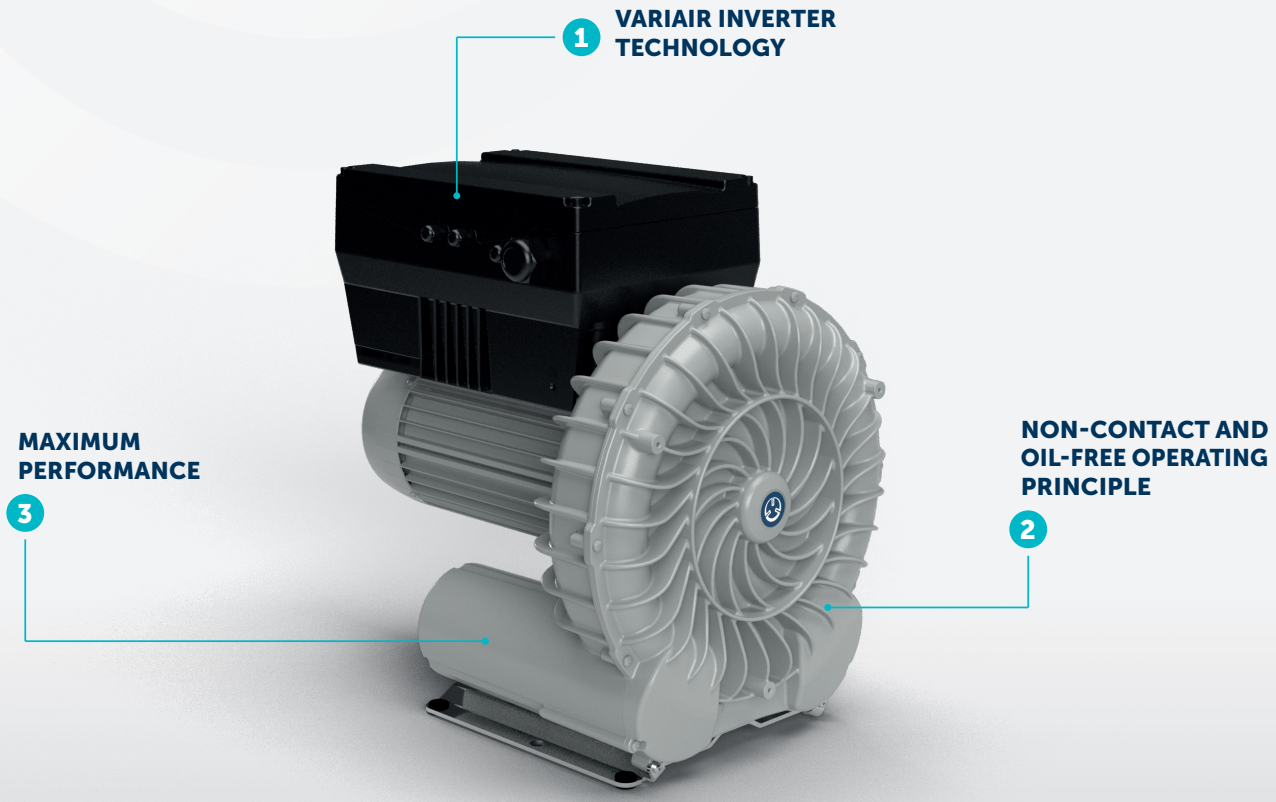
DATA SHEET

VARIAIR SV 500/1
SIDE CHANNEL VACUUM PUMPS

single stage, air-cooled
VARIAIR frequency inverter

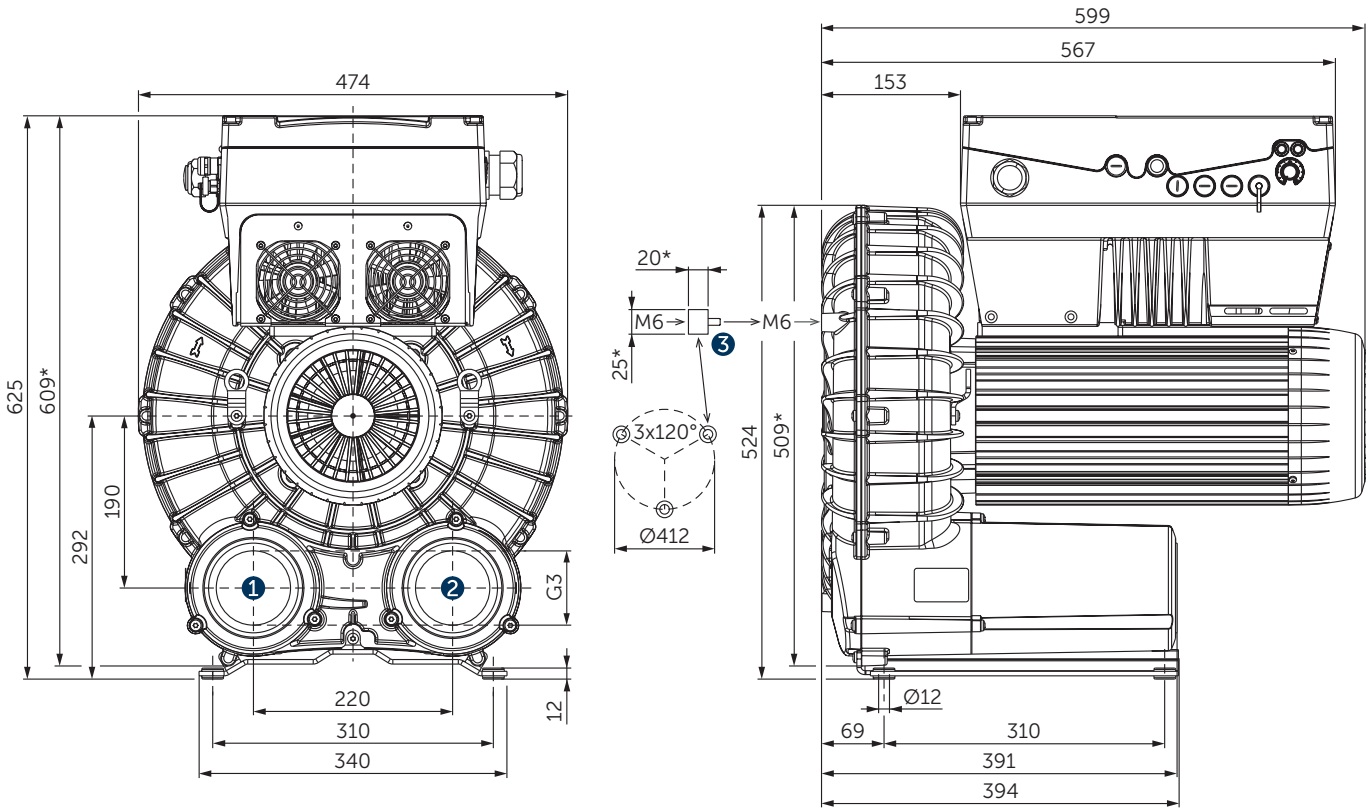
MAKE IT BECKER.



1. Frequency inverter functionality enhances appliance performance, precisely adapts to process requirements and optimises energy consumption.
2. The standard components are maintenance-free and wear-free, ensuring sustainable long-term use and lower operating costs.
3. The flow-optimised design guarantees high and pulsation-free volumetric flows while also impressing with its compact construction.

VARIAIR UNIT

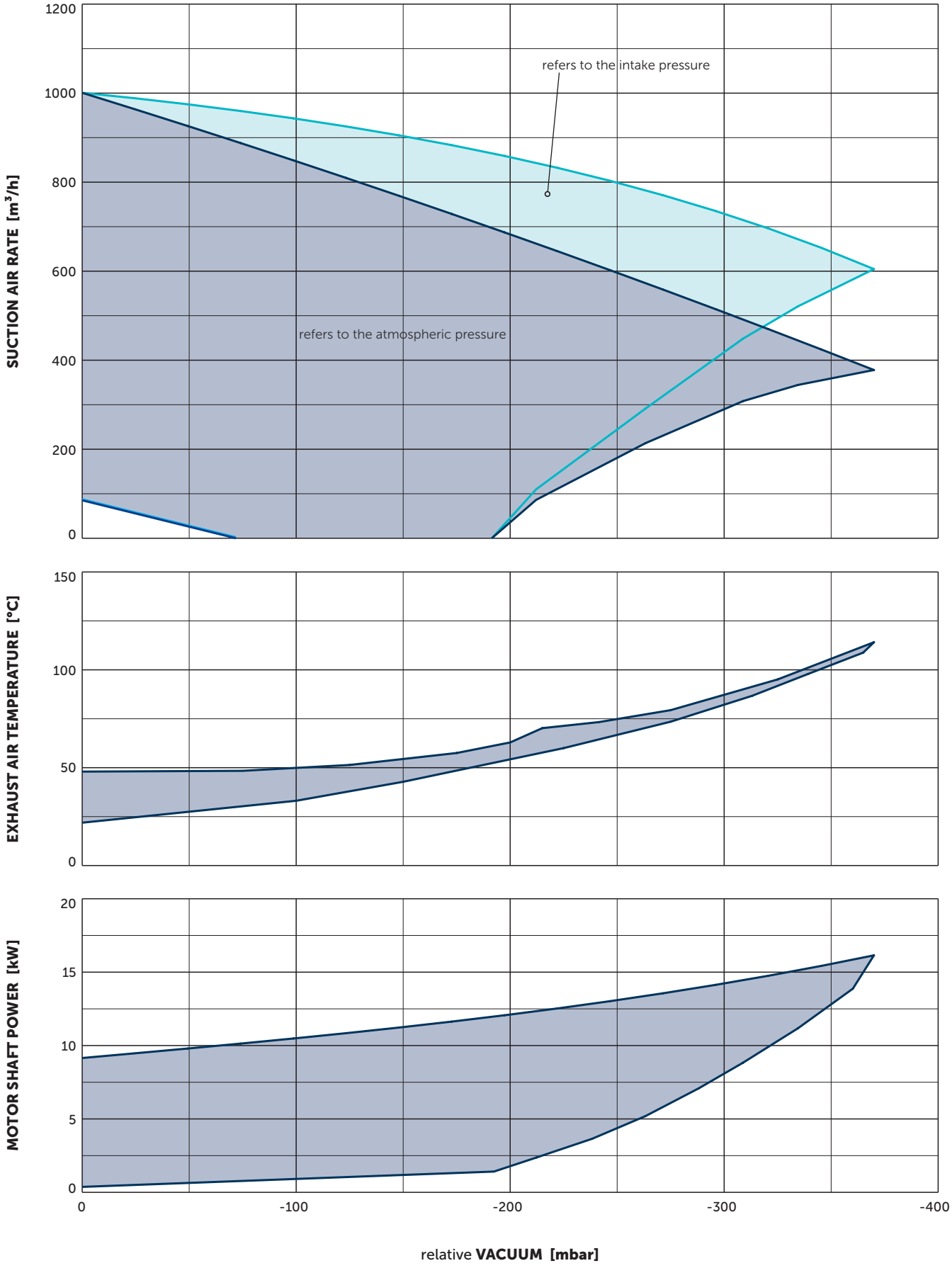
BECKER



1 Vacuum connection (G3")
2 Pressure connection (G3")
3 Rubber buffer position (optional)
* Device dimensions without pedestal (optional) under the silencer
▪ Dimensions in mm

Suction air rate	Vacuum relative	Frequency	Emission sound pressure level [1]	Weigth		
m^3/h max.	mbar max.	Hz	dB(A) @ -300 mbar (67 Hz)	kg	Frequency inverter [2]	A max.
1000	-370	10-100	80.6	97.5	400-480 V ±10% 50/60 Hz	35

[1] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
1 m distance, at medium load, both connection sides piped
[2] The frequency inverter is designed for a specific maximum motor power. (See inverter instructions for details.)
The motor is selected on the basis of the required motor shaft power. Therefore, the installed motor power may be less than the maximum power supported by the inverter.
▪ Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: ±10%



Reference data (atmosphere): 1000 mbar, 20°C
Tolerance: ±10%

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