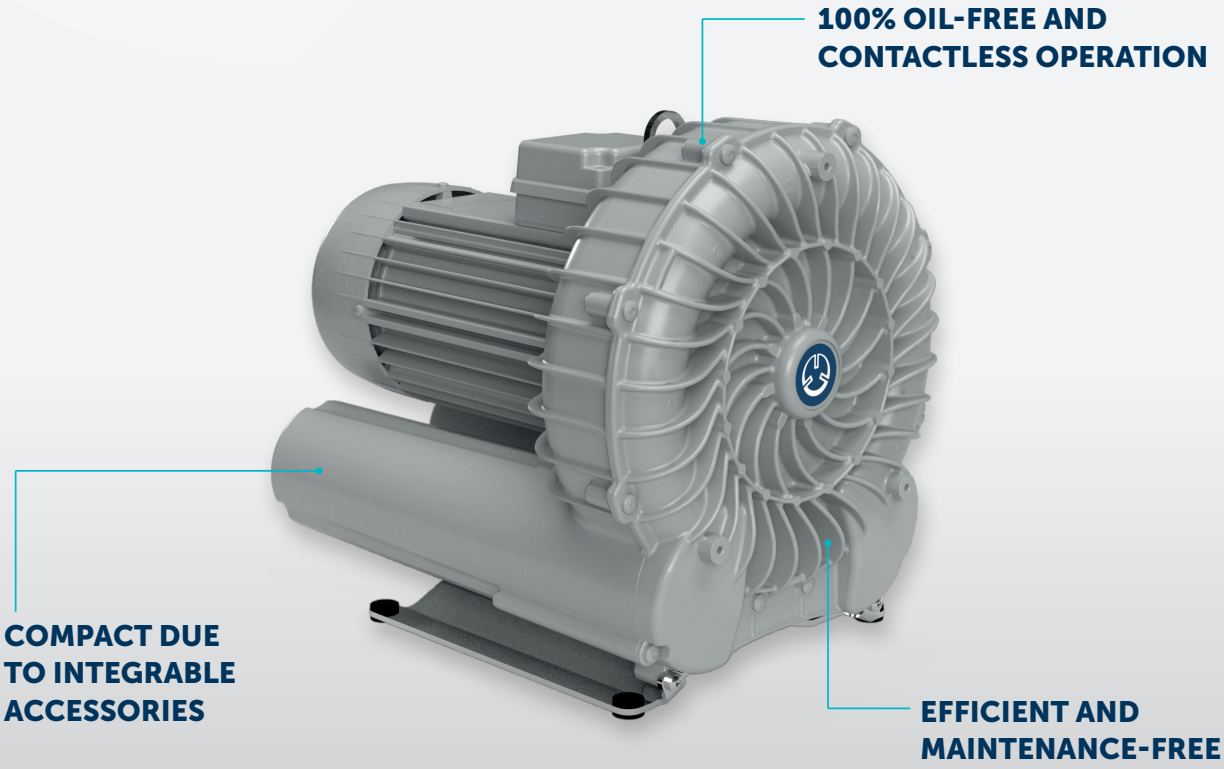
DATA SHEET

SV 201/1

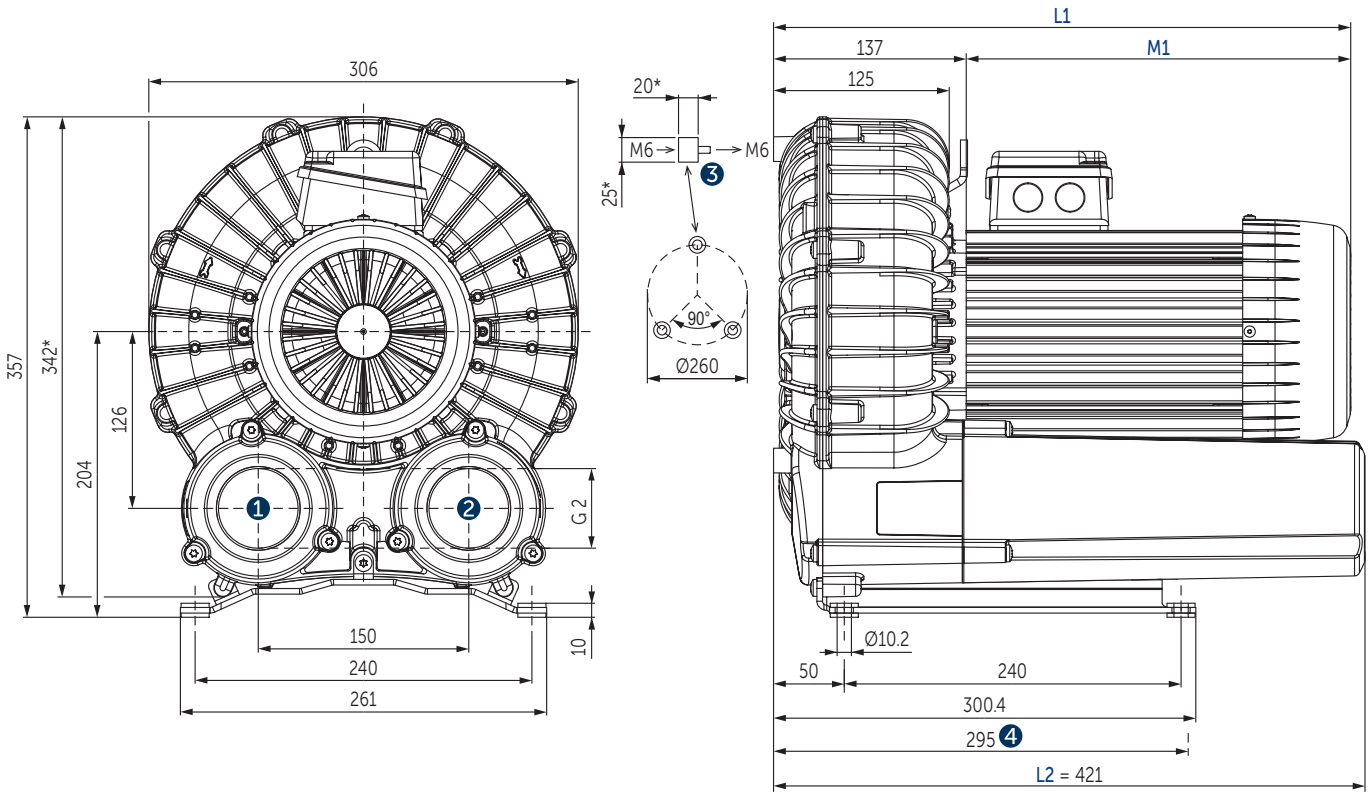
SIDE CHANNEL VACUUM PUMPS

single stage
air-cooled

MAKE IT BECKER.



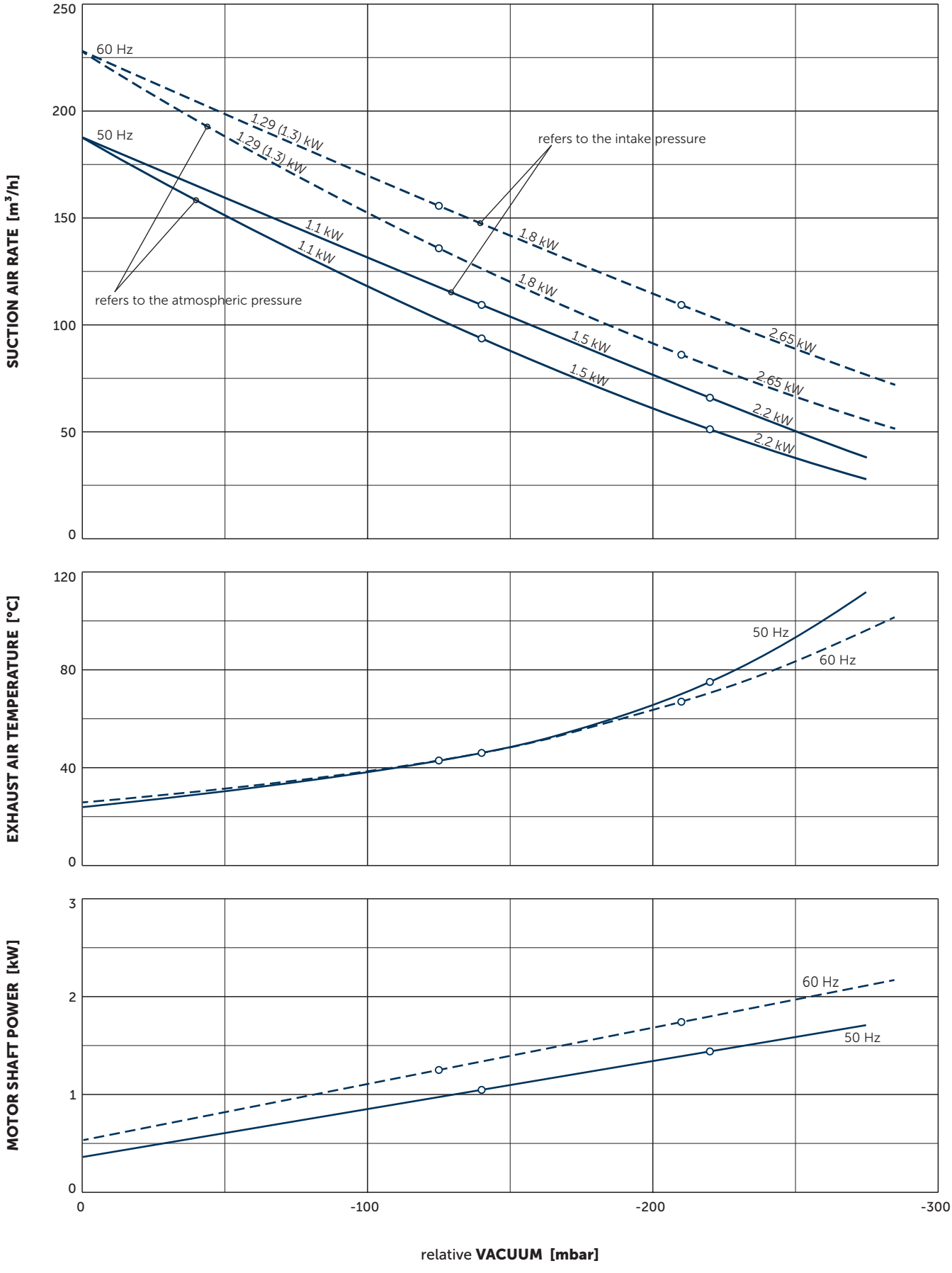
BECKER



1 Vacuum connection (G2)
2 Pressure connection (G2)
3 Optional vibration dampers (rubber buffers) for vertical installation
4 Optional with shorter silencers
L Blower length L1 with motor and L2 without motor.
L1 and M1 are variable, see separate motor specification sheet. ➝ The total blower length is L1 or L2.
* Device dimensions without pedestal under the silencer, with rubber buffers on the enclosure cover
▪ The motor illustration may vary
▪ Dimensions in mm

Suction air rate		Vacuum relative		Installed motor power		Emission sound pressure level [1]		Weight with motor
m^3/h		mbar		kW		dB(A)		kg
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
190	230	-140	-125	1.1	1.3	65.2 (-95 mbar)	68.3 (-85 mbar)	25.5
190	230	-220	-210	1.5	1.8	66.5 (-155 mbar)	68.2 (-145 mbar)	28.5
190	230	-275	-285	2.2	2.65	66.3 (-185 mbar)		32.5

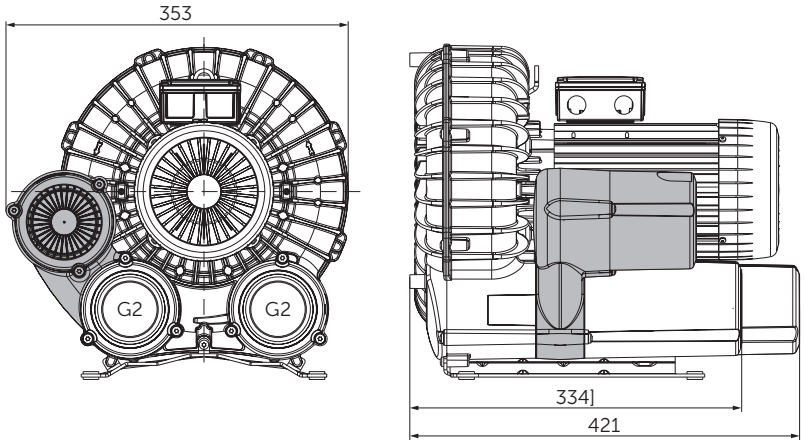
[1] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
1 m distance, at medium load, both connection sides piped



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

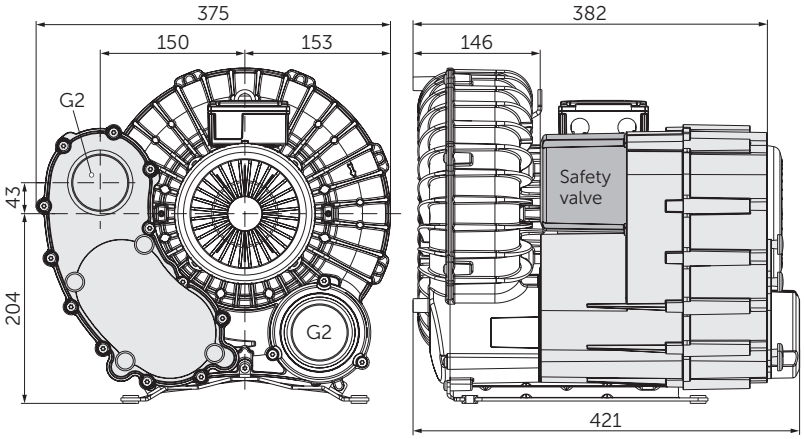
VARIANTS AND ACCESSORIES

VACUUM SAFETY VALVE



SUCTION FILTER

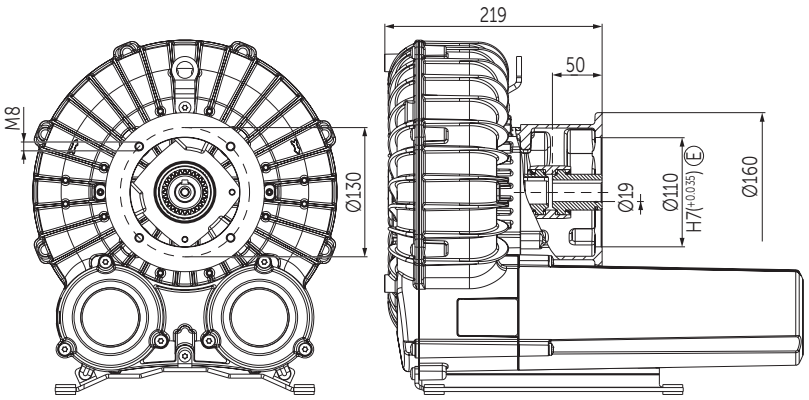
- Vacuum-sealed filter housing
- Paper or polyester insert
- Can be combined with vacuum safety valve
- Space requirement for filter change approx. 250 mm



[1] See separate data sheet
- Dimensions in mm – For other dimensions, see the figure on page 2.
- Possible combinations on request

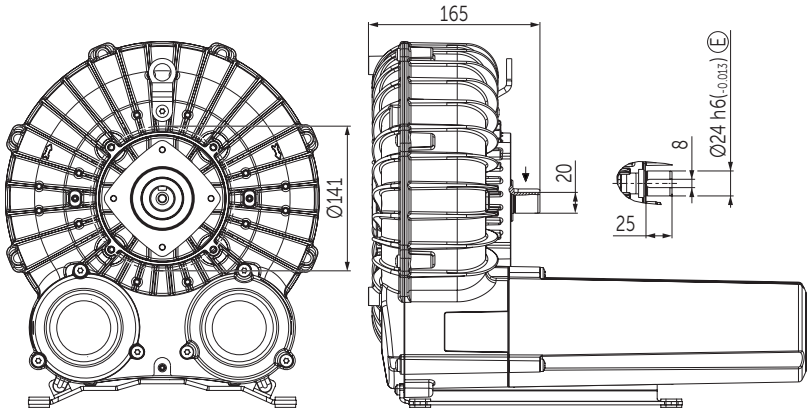
WITHOUT MOTOR

- With coupling for flange motor
- The motor must be supported!



WITHOUT MOTOR

- With free shaft end
- Max. 5600 rpm with V-belt pulley
- Possible performance data see VARIAIR SV 201/1 [1)]



OTHER VARIANTS AND ACCESSORIES

- With increased corrosion protection
- VARIAIR SV 201/1 with frequency inverter for 100 Hz operation [1)]
- Sound proof box SH 18 [1)] (not with 2.2/2.65 kW)



Sound proof box SH 18

[1)] See separate data sheet
- Dimensions in mm – For other dimensions, see the figure on page 2.
- Possible combinations on request

Right of modification reserved 2023-09-26

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