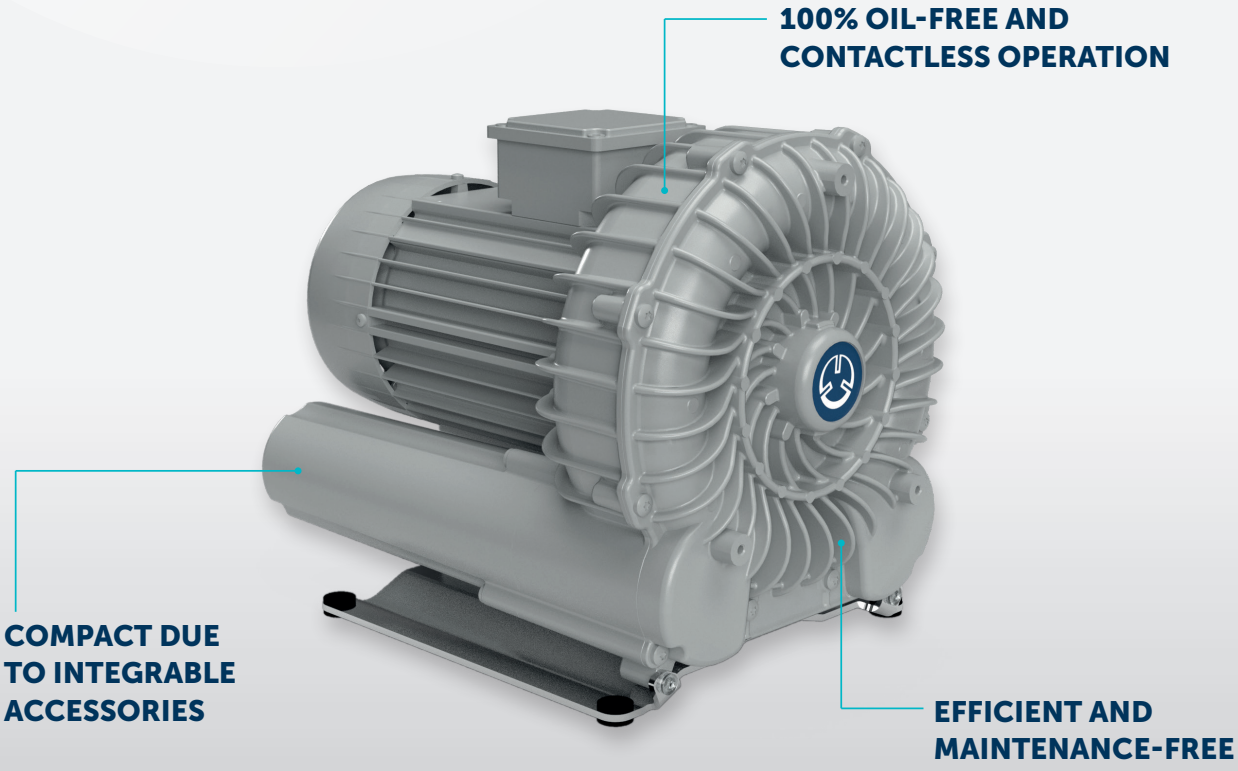
DATA SHEET

SV 130/1

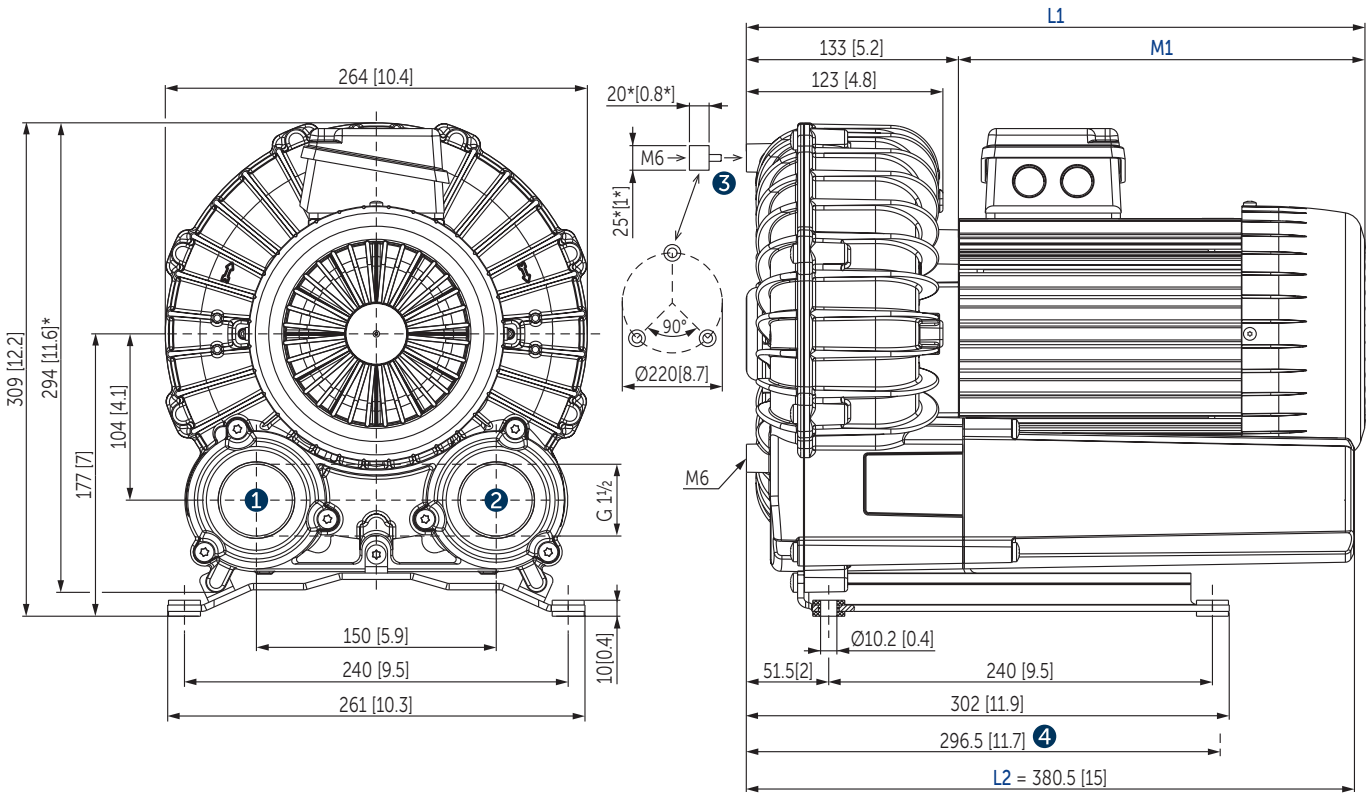
SIDE CHANNEL VACUUM PUMPS

single stage
air-cooled

MAKE IT BECKER.



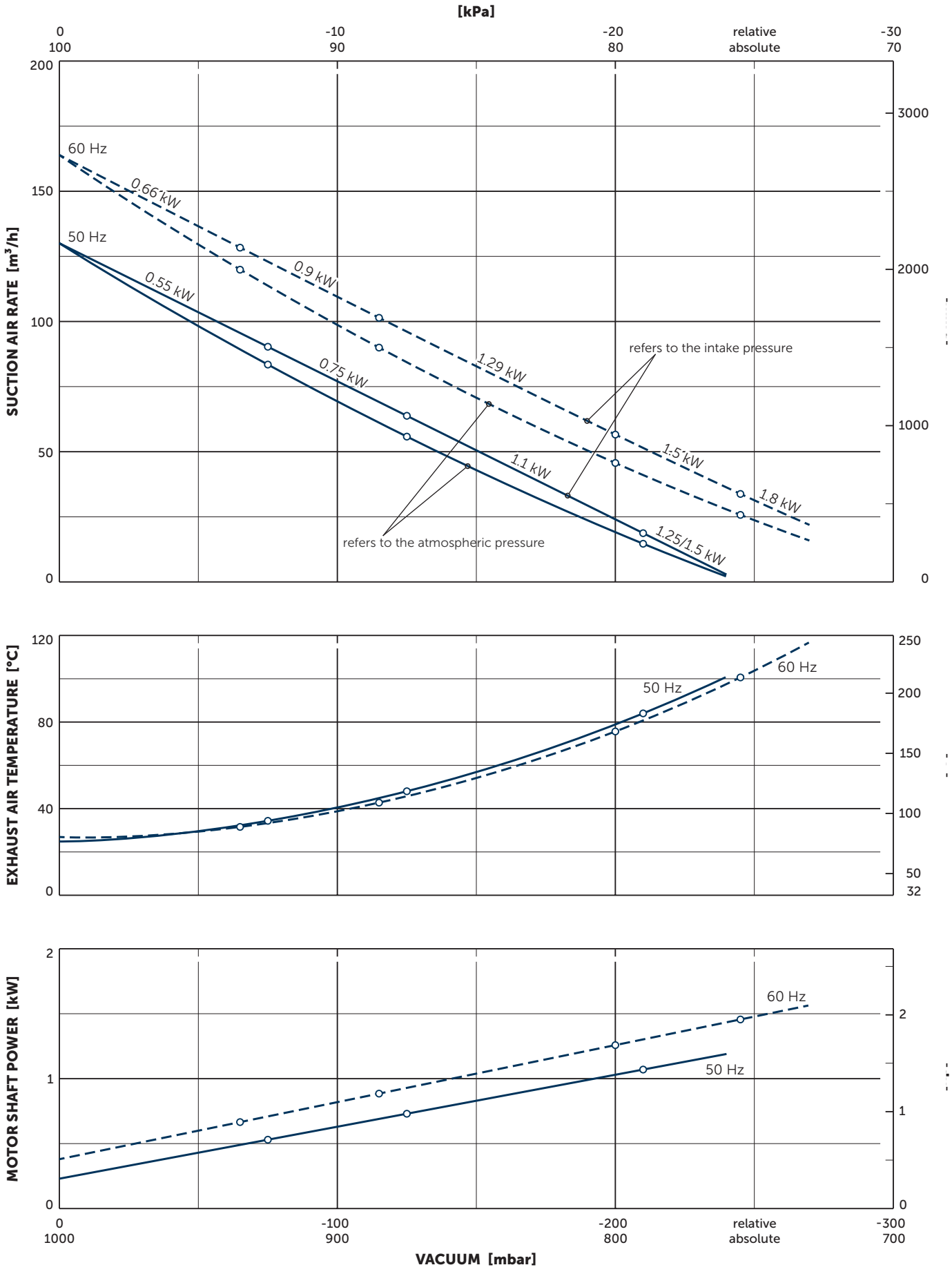
BECKER



1 Vacuum connection (G1½)
2 Pressure connection (G1½)
3 Rubber buffer position (optional)
4 Short silencers (optional)
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 [inch]

Suction air rate		Vacuum relative		Installed motor power		Emission sound pressure level [1]		Weight incl. 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	
130	160	-75	-65	0.55	0.66	60.9 (-50 mbar)	63.6 (-50 mbar)	21.0
130	160	-125	-115	0.75	0.9	60.9 (-50 mbar)	63.6 (-50 mbar)	22.0
130	160	-210	-200	1.1	1.29/1.3	63.4 (-140 mbar)	64.8 (-140 mbar)	22.5
130	160	-240	-245	1.25	1.5	63.4 (-140 mbar)	64.8 (-140 mbar)	24.5
130	160	-240	-270	1.5	1.8	64.0 (-160 mbar)	65.4 (-160 mbar)	26.0

[1] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
1 m [39.4 inch] distance, at medium load, both connection sides piped

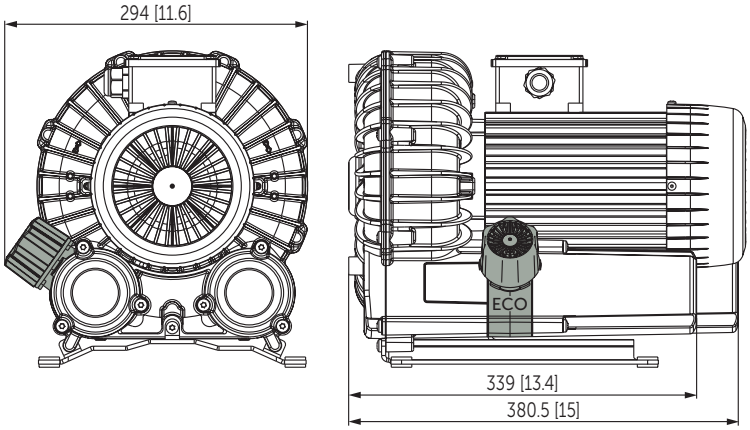


Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
Tolerance: ±10%

VARIANTS AND ACCESSORIES

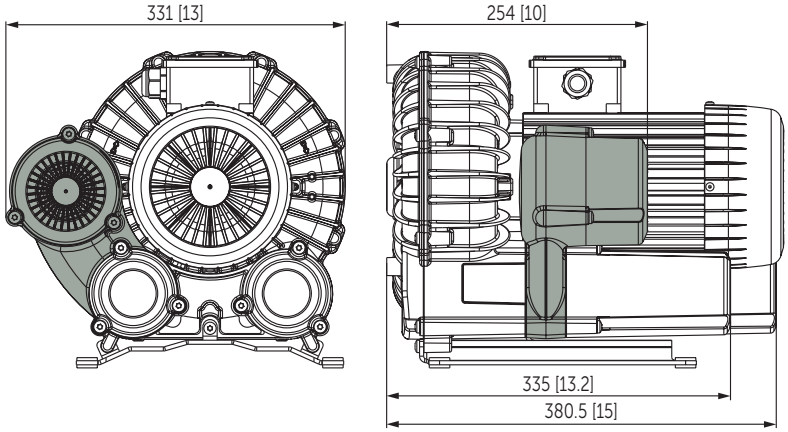
ECO VACUUM SAFETY VALVE

- The application is pressure dependent.



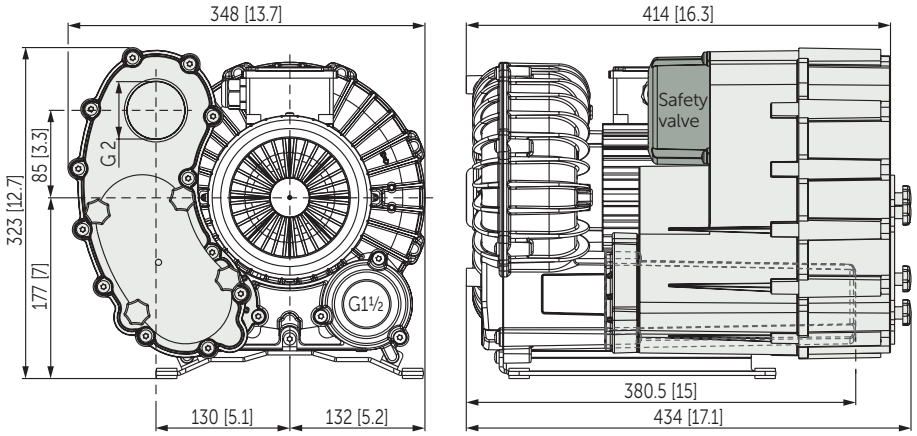
VACUUM SAFETY VALVE

- The application is pressure dependent.



SUCTION FILTER

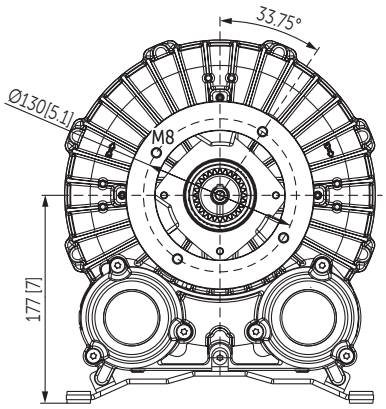
- Vacuum-sealed filter housing
- Paper or polyester insert
- Can be combined with vacuum safety valve

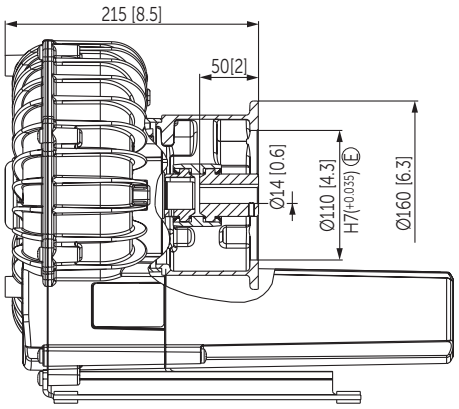


- Dimensions in mm [inch] – Further dimensions can be found in the illustration on page 2.
- The motor illustration may vary
- Combination options on request

WITHOUT MOTOR

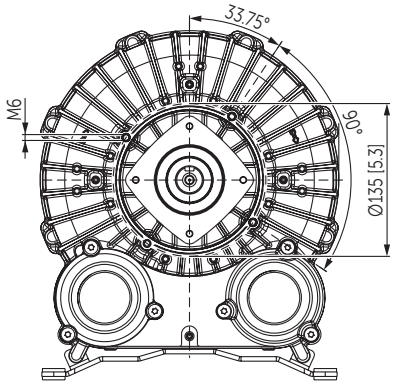
- With coupling for flange motor

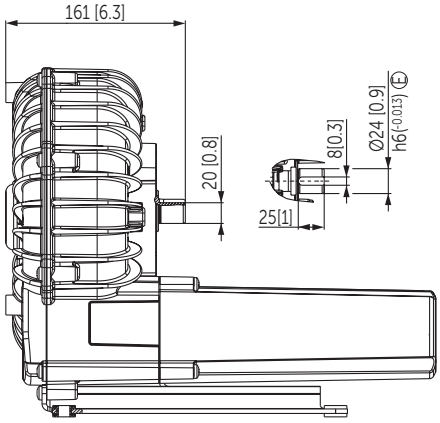




WITHOUT MOTOR

- With free shaft end
- Max. 5600 rpm with V-belt pulley, performance data of VARIAIR SV 130/1





OTHER VARIANTS AND ACCESSORIES

- VARIAIR SV 130/1 [1] – Side channel blowers with frequency inverter for 100 Hz operation
- Without pedestal under the silencers, with rubber buffers on the enclosure cover
- Short or long silencers
- Increased corrosion protection
- External suction filters [1]
- Sound proof box SH 18 [1]



VARIAIR SV 130/1



SH 18

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

Right of modification reserved 2023-09-21

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