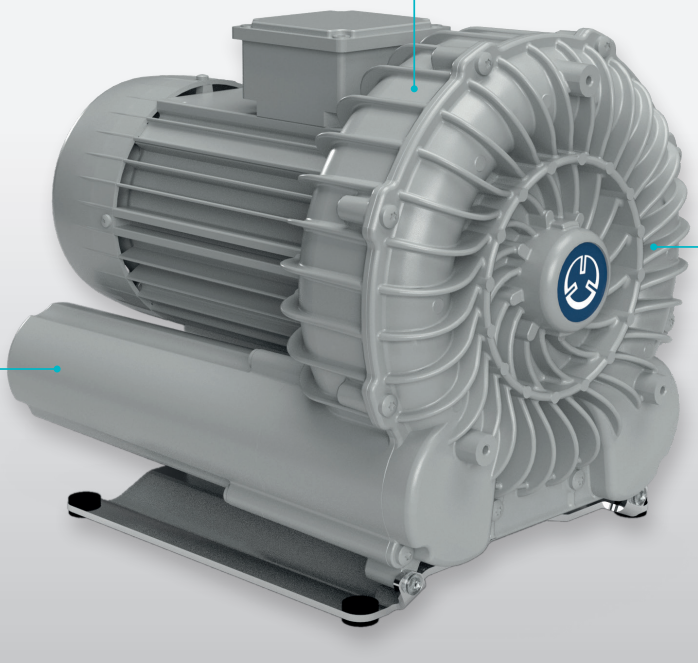
DATA SHEET

SV 130/2

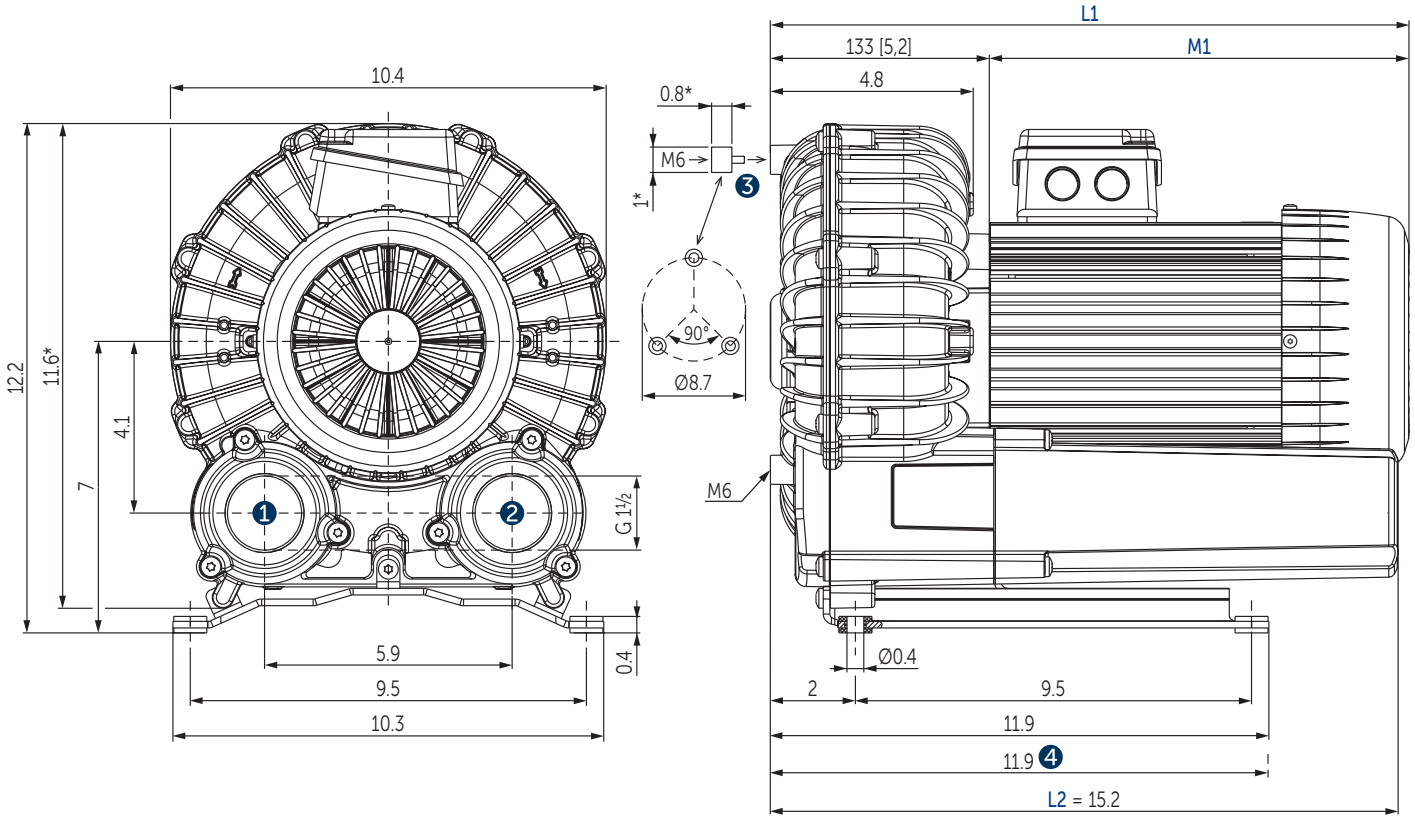
SIDE CHANNEL VACUUM PUMPS

double stage
air-cooled

MAKE IT BECKER.



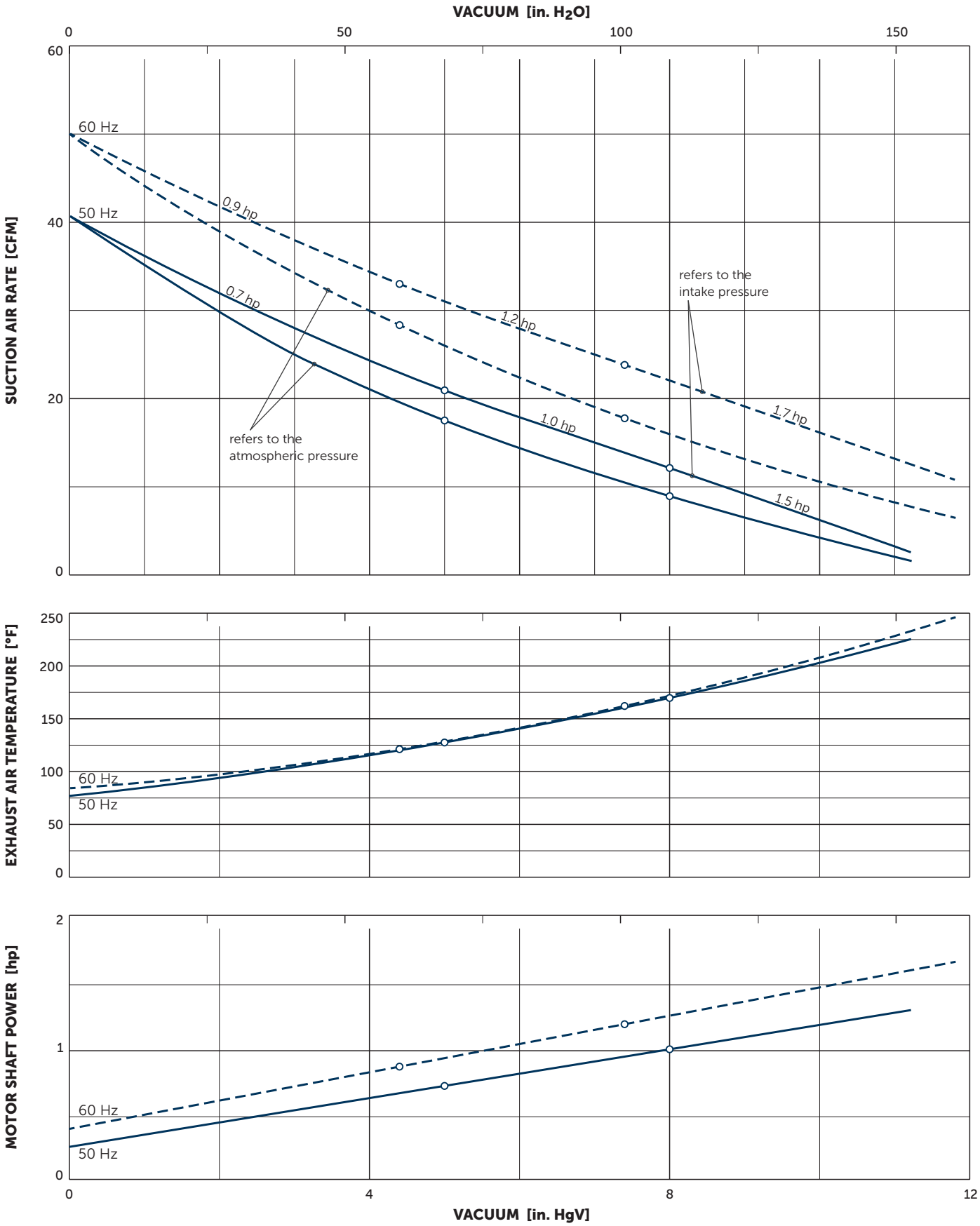
BECKER



1 Vacuum connection (G1½)
2 Pressure connection (G1½)
3 Position of optional rubber buffers
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 inch

Suction air rate		Vacuum				Motor capacity		Emission sound pressure level [1]		Weight incl. motor
CFM		in. H_2O		in. HgV		hp		dB(A)		lbs
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
41	50	68.3	60.3	5.1	4.5	0.7	0.9	57.3 (46.2 in. H_2O)	59.0 (40.1 in. H_2O)	47.4
41	50	108.5	100.5	8.1	7.5	1.0	1.2	60.4 (72.4 in. H_2O)	59.6 (62.3 in. H_2O)	49.6
41	50	152.7 [2]	160.7	11.3 [2]	11.9	1.5	1.7	59.8 (102.5 in. H_2O)	62.7 (104.5 in. H_2O)	50.7

[1] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
39.4 inch distance, at medium load, both connection sides piped
[2] For vacuum pumps with vacuum safety valve, the maximum valve setting value is 132.6 in. H_2O (9.7 in. HgV).

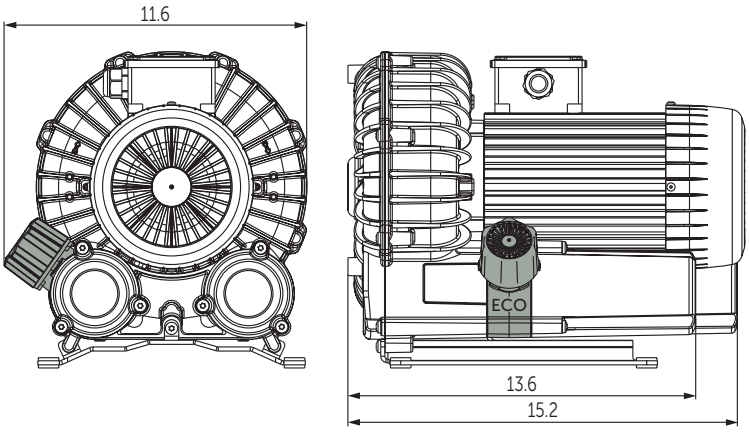


Reference data (atmosphere): 0 in. HgV, 68°F
Tolerance: ±10%

VARIANTS AND ACCESSORIES

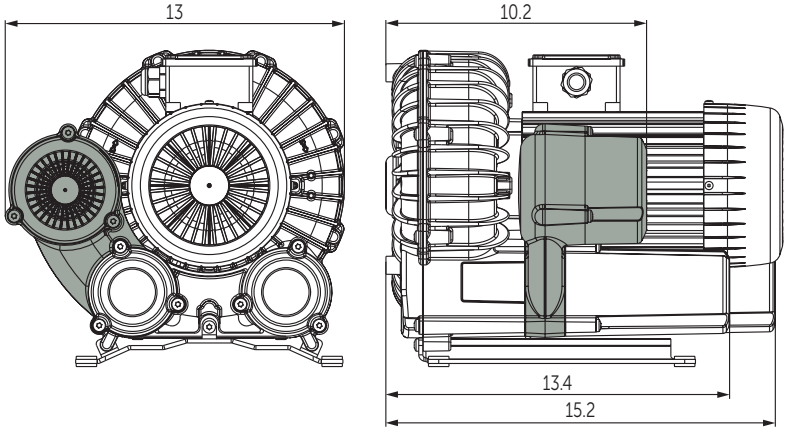
ECO VACUUM SAFETY VALVE

- The application is pressure dependent.



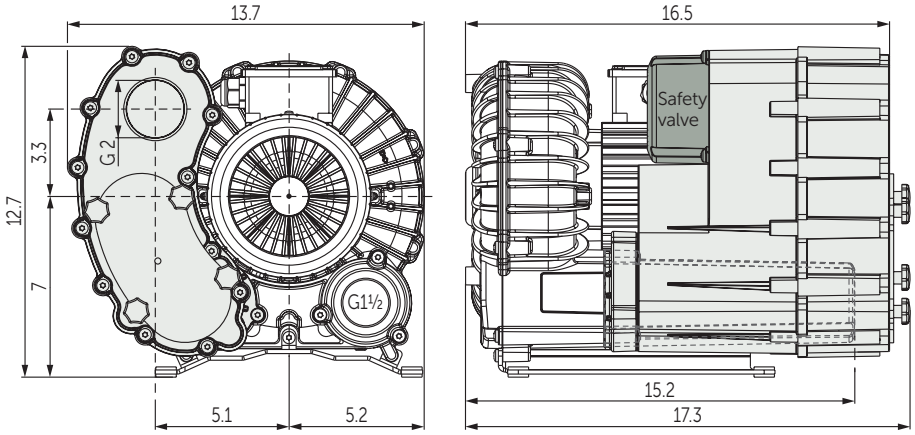
VACUUM SAFETY VALVE

- The application is pressure dependent.



SUCTION FILTER

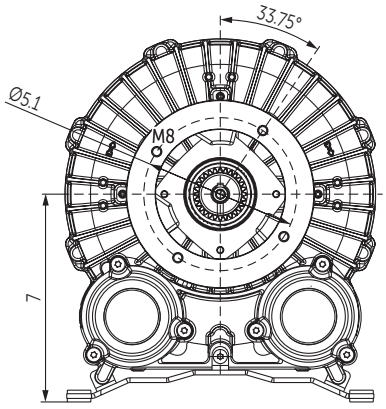
- Vacuum-sealed filter housing
- Paper or polyester insert
- Can be combined with vacuum safety valve

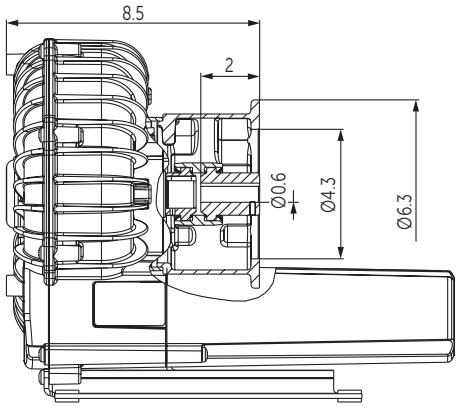


- Dimensions in inch – Further dimensions can be found in the illustration on page 2.
- The motor illustration may vary
- Combination options on request

WITHOUT MOTOR

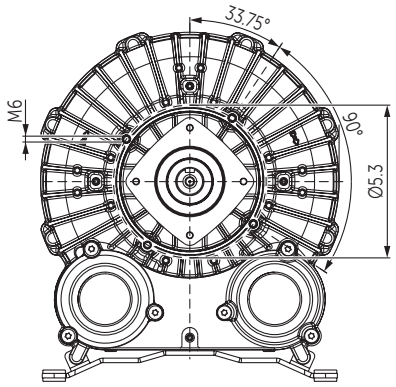
- With coupling for flange motor

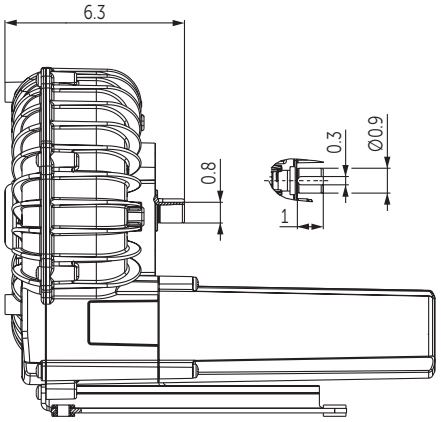




WITHOUT MOTOR

- With free shaft end
- Max. 5600 rpm with V-belt pulley, performance data of VARIAIR SV 130/2





OTHER VARIANTS AND ACCESSORIES

- VARIAIR SV 130/2[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 130/2



SH 18

[1)] See separate data sheet

- Dimensions in 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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