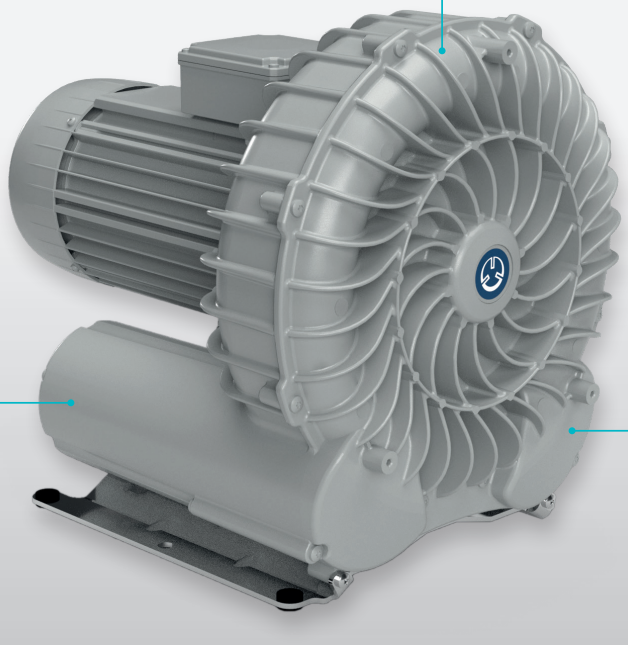
DATA SHEET

SV 300/2

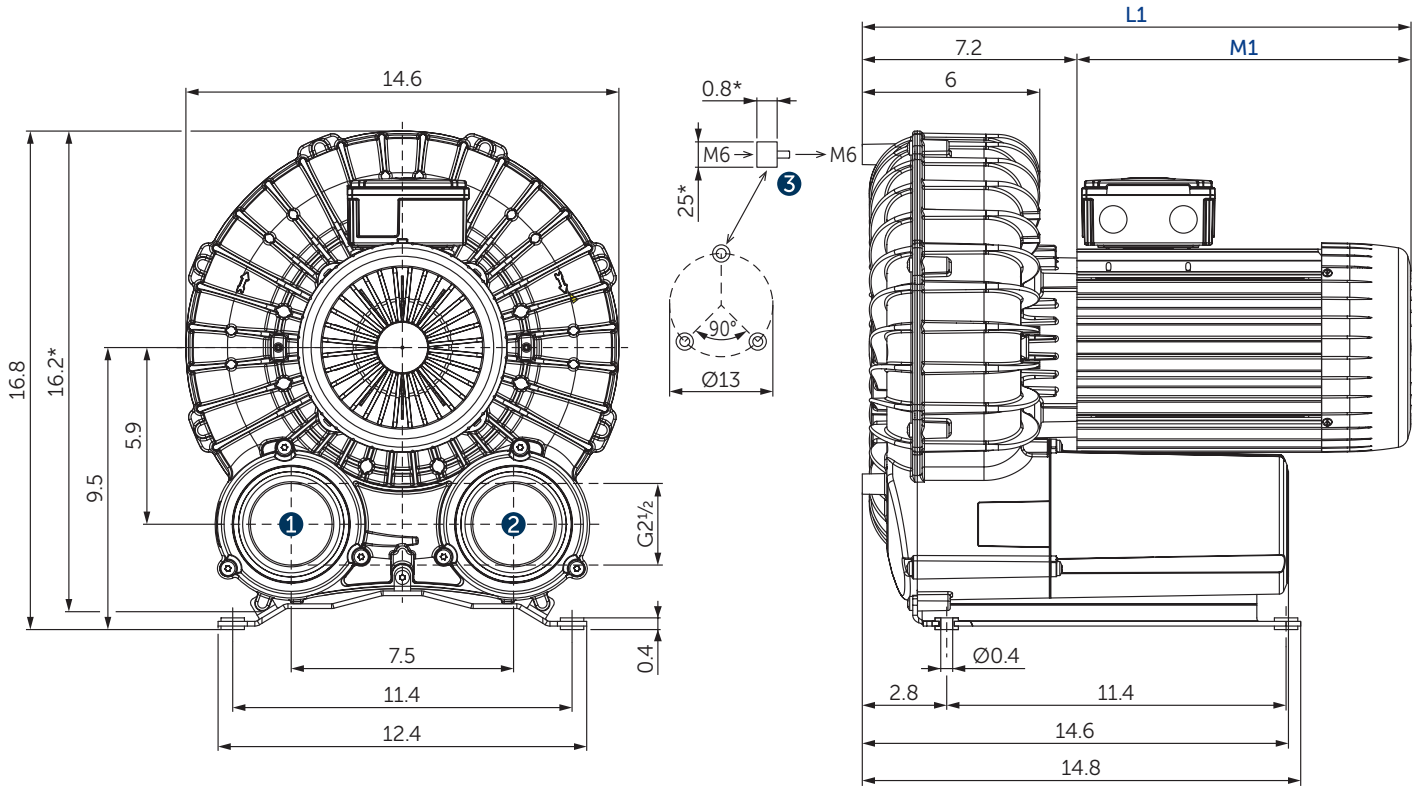
SIDE CHANNEL VACUUM PUMPS

double stage
air-cooled

MAKE IT BECKER.



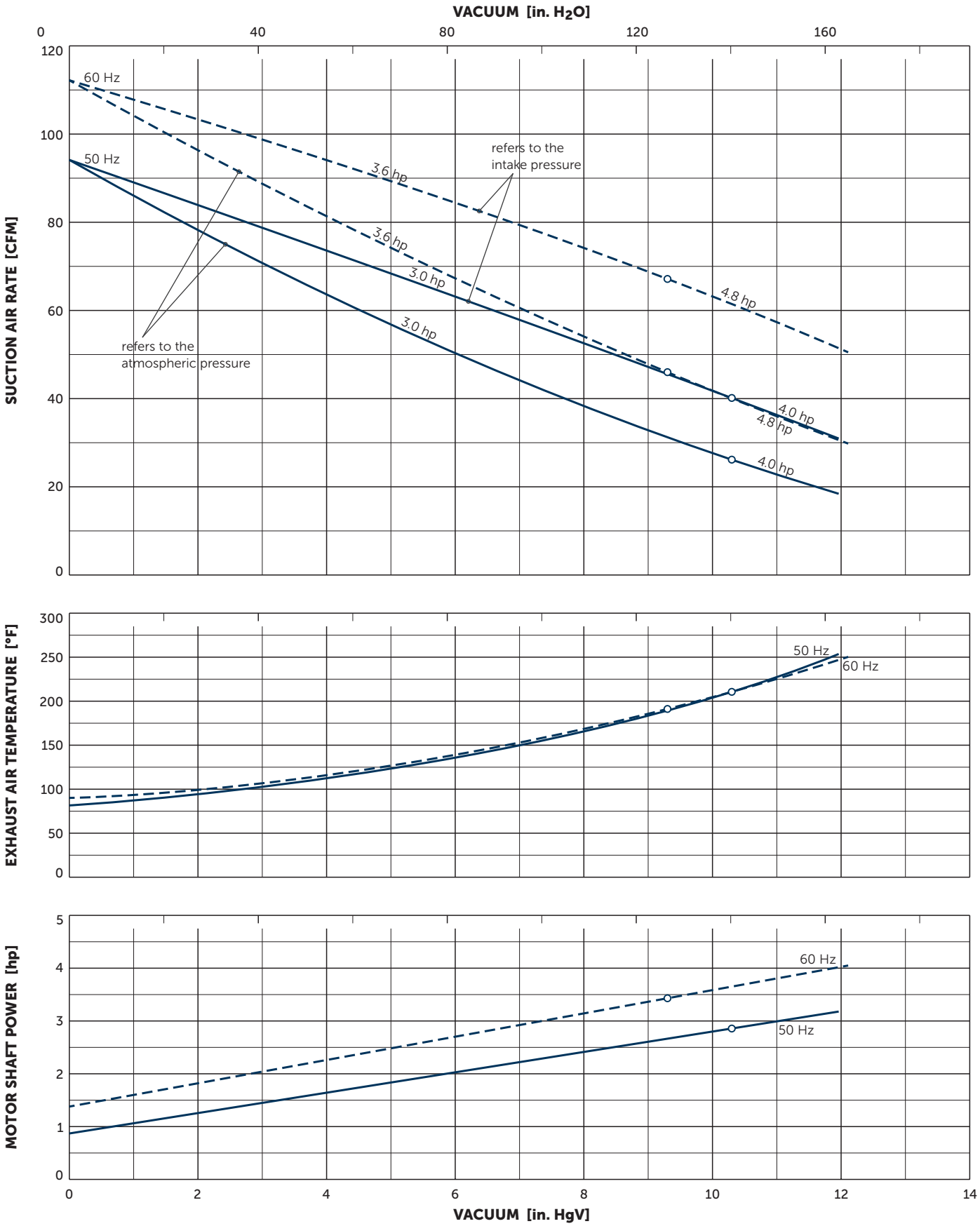
BECKER



1 Vacuum connection (G2½)
2 Pressure connection (G2½)
3 Optional vibration dampers (rubber buffer) for vertical installation
L Blower length L1 with motor
L1 and M1 are variable, see separate motor specification sheet.
* 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				Installed motor power		Emission sound pressure level [1]		Weight with 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	
94	111	140.7	126.6	10.3	9.3	3.0	3.6	67.8 (106.5 in. H_2O)	67.5 (86.4 in. H_2O)	89.5
94	111	162.8	164.8	11.9	12.1	4.0	4.8	69.9 (110.6 in. H_2O)	69.7 (110.6 in. H_2O)	94.0

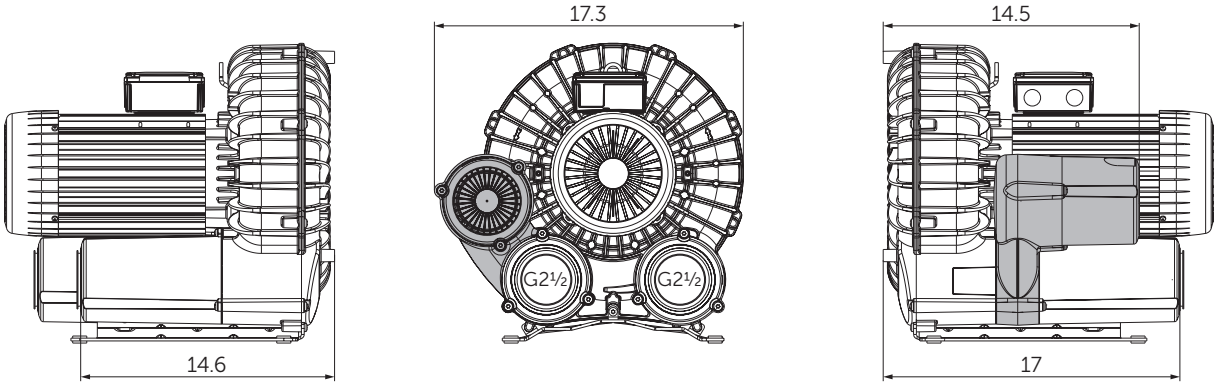
[1] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
39.4 inch distance, at medium load, both connection sides piped
▪ Reference data (atmosphere): 0 in. HgV, 68°F; Tolerance: ±10%



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

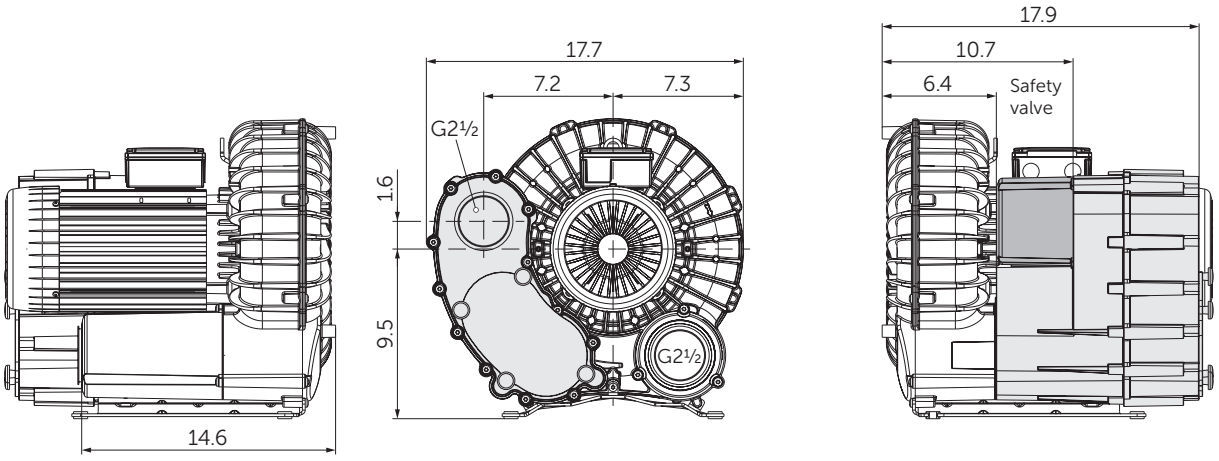
VARIANTS AND ACCESSORIES

VACUUM SAFETY VALVE



SUCTION FILTER

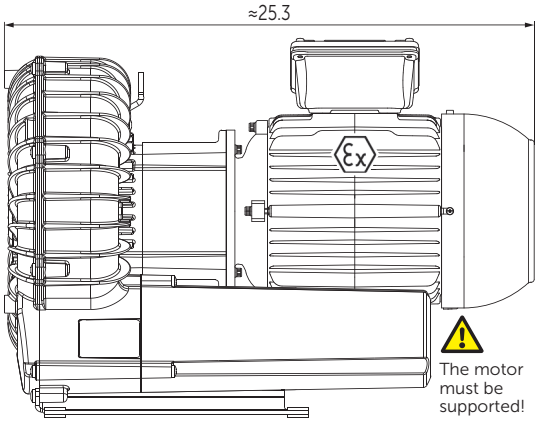
- Vacuum-sealed filter housing
- Paper or polyester insert
- Can be combined with vacuum safety valve
- Space requirement for filter change approx. 11.8 inch



- Dimensions in inch – For other dimensions, see the figure on page 2.

SV 300/2 WITH ATEX MOTOR

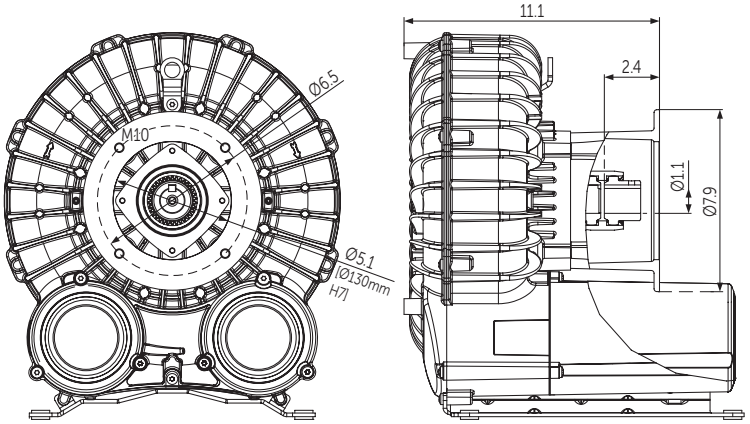
- With coupling for flange motor
- The motor must be supported!
- **Motor ATEX zone: Class 1 Div 2 Groups C&D II 1 G ia IIB**



60 Hz				Version
hp	V	rpm	A	
5.5	Δ230/Y460	3515	13.3/6.67	UL • IP55 • ISO F
	YY208/Y –		14.8	PTC 155°C (311°F)

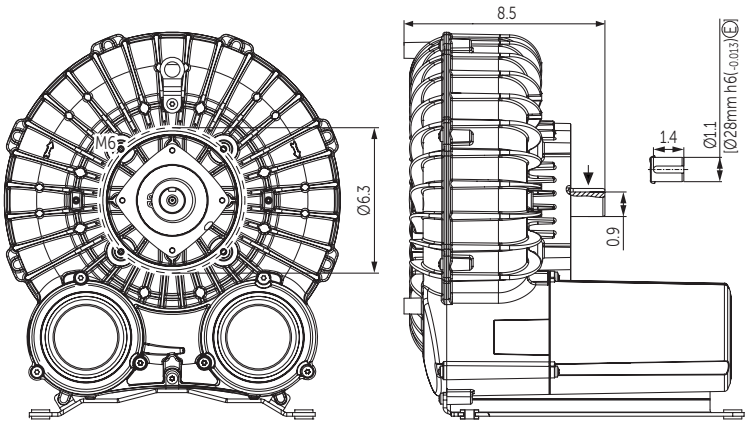
WITHOUT MOTOR

- 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 300/2 [1)]



OTHER VARIANTS AND ACCESSORIES

- With increased corrosion protection
- VARIAIR SV 300/2 with frequency inverter for 100 Hz operation [1)]
- VARIAIR SV 300/2 gas-tight (inert gases) with frequency inverter for 100 Hz operation [1)]
- Sound proof box SH 18 [1)]



Sound proof box SH 18

[1)] See separate data sheet

- Type plate data on current consumption and rotation speed of the motors may vary. Tolerance -1.5/+2% in each case. The motor illustration may vary.
- Dimensions in inch – For other dimensions, see the figure on page 2.

Right of modification reserved 2024-01-23

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