

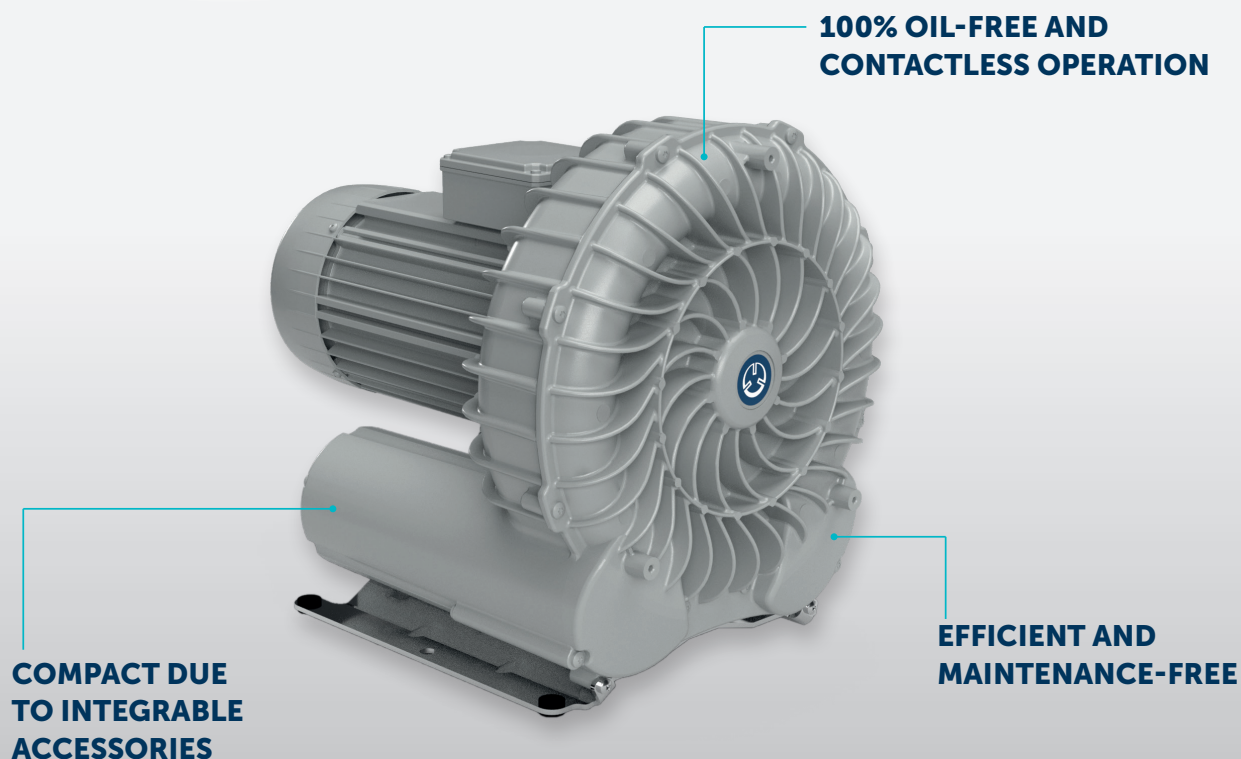
DATA SHEET

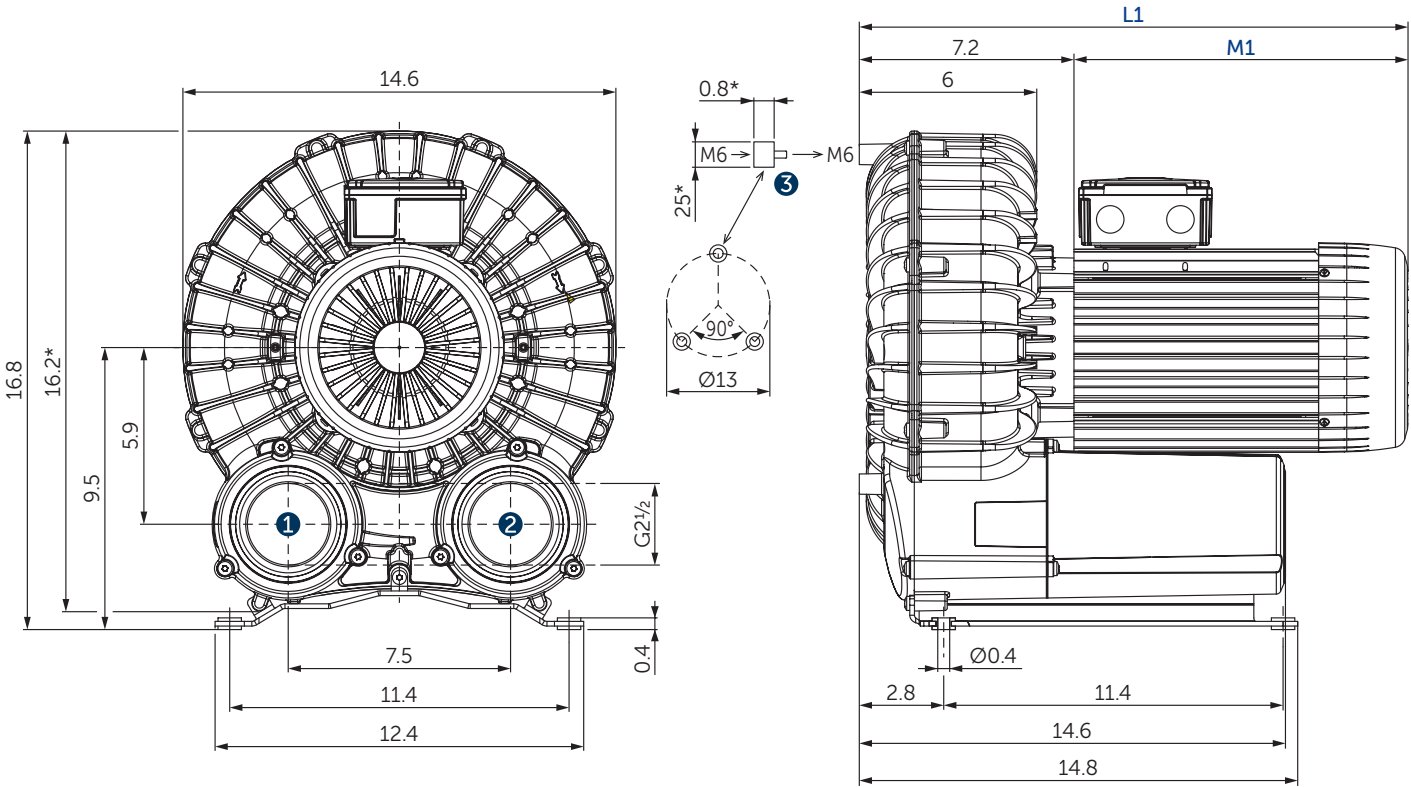
SV 300/2

SIDE CHANNEL VACUUM PUMPS

double stage
air-cooled

MAKE IT BECKER.



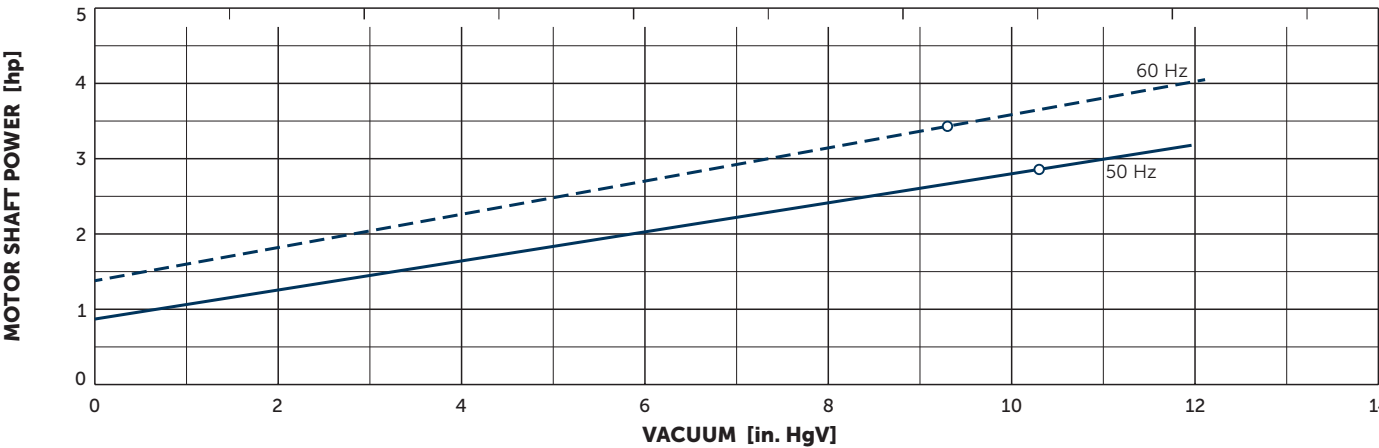
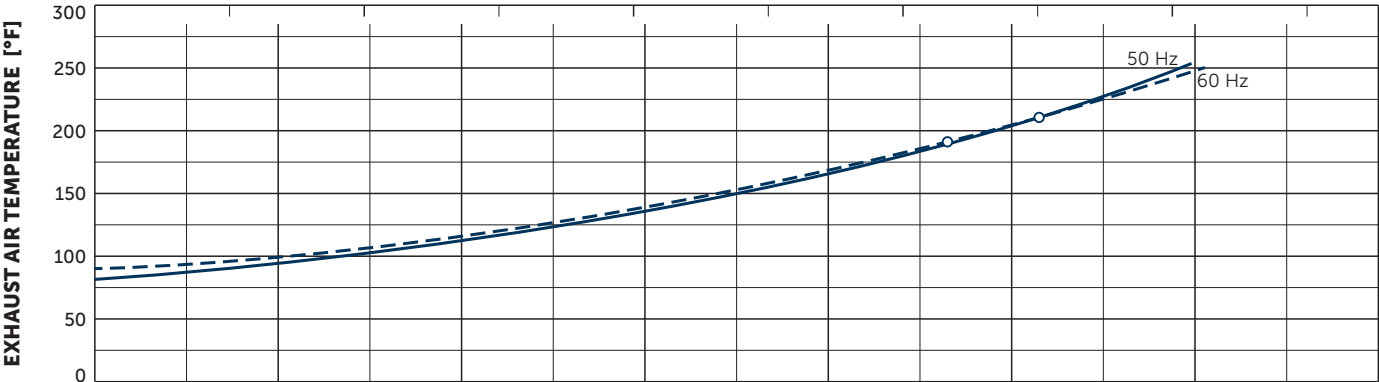
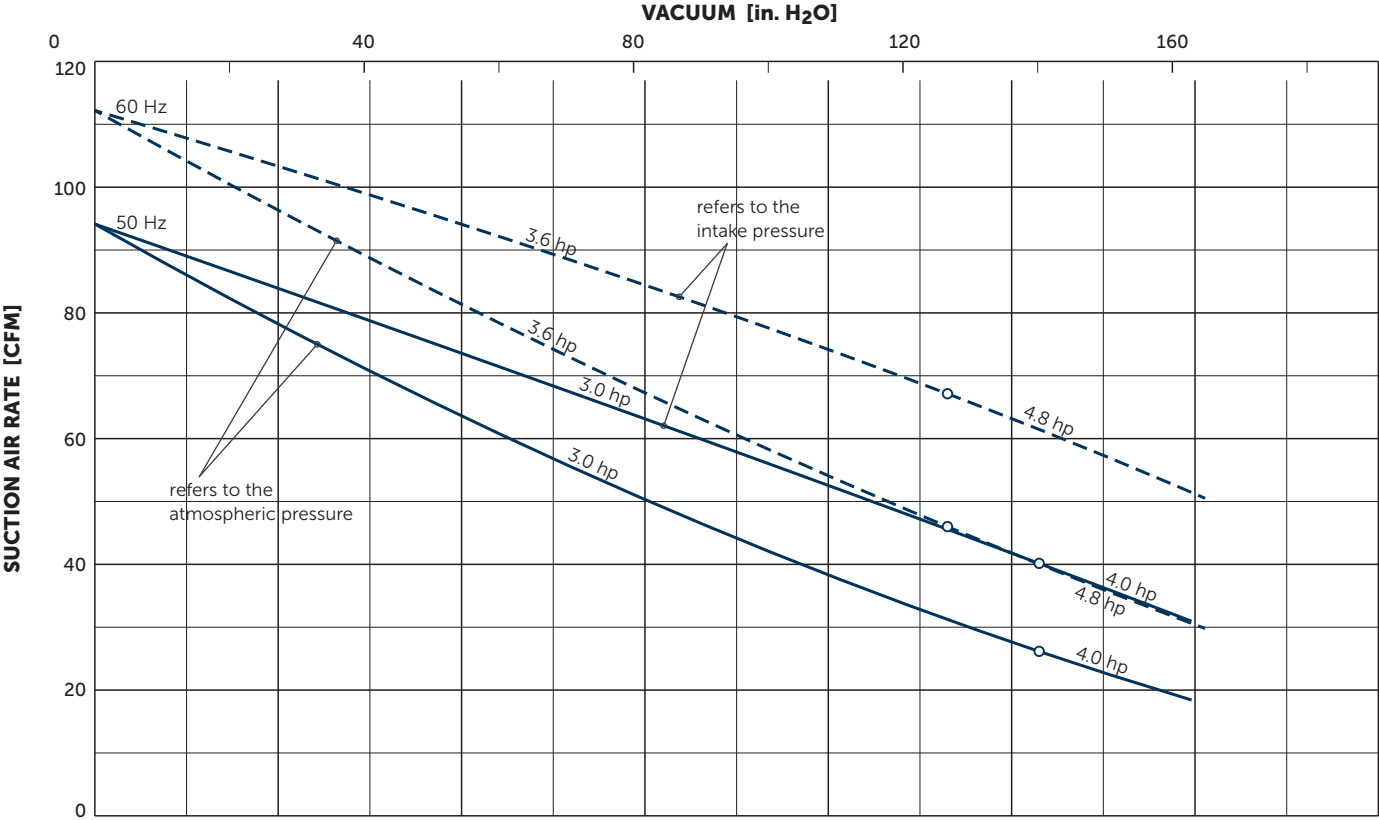


- 1 Vacuum connection (G2½)
- 2 Pressure connection (G2½)
- 3 Optional vibration dampers (rubber buffer) for vertical installation
- L Blower length **L1** with motor
- L1** and **M1** are variable, see separate motor specification sheet.
- * Device dimensions without pedestal under the silencer, with 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 ₂ O		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 ₂ O)	67.5 (86.4 in. H ₂ O)	89.5
94	111	162.8	164.8	11.9	12.1	4.0	4.8	69.9 (110.6 in. H ₂ O)	69.7 (110.6 in. H ₂ O)	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

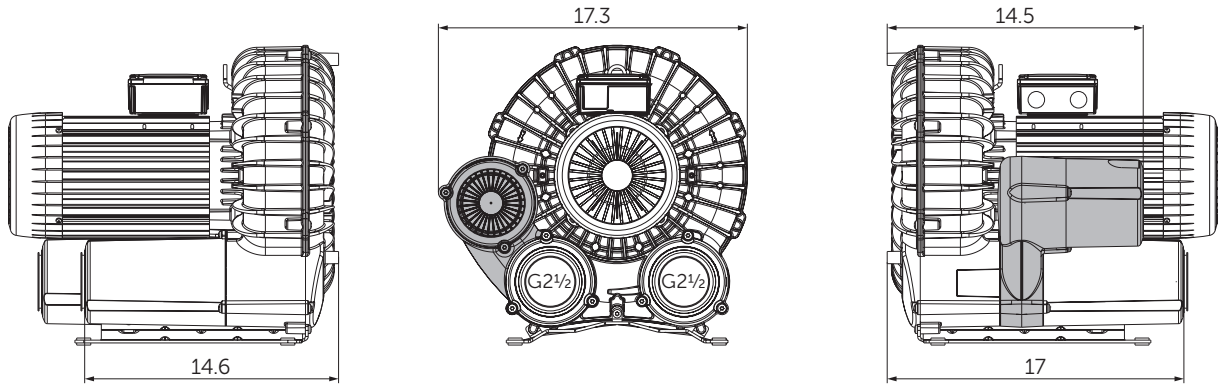
- Reference data (atmosphere): 0 in. HgV, 68°F; Tolerance: ±10%



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Tolerance: ±10%

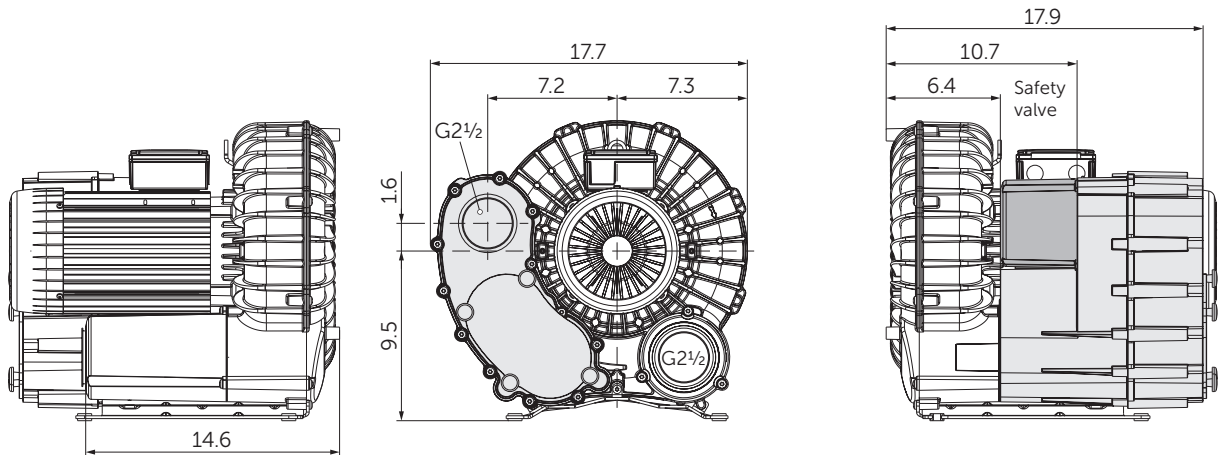
+ VARIANTS AND ACCESSORIES

VACUUM SAFETY VALVE



SUCTION FILTER

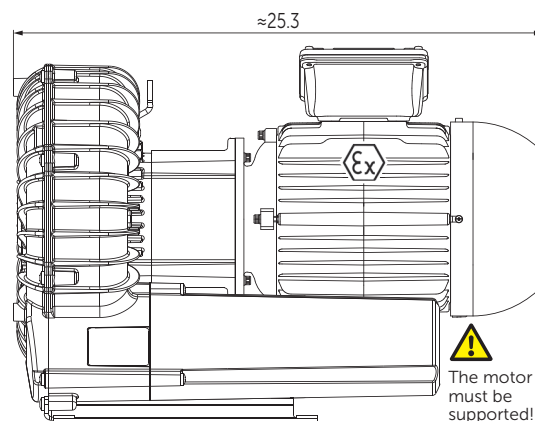
- Vacuum-sealed filter housing
- Paper or polyester insert
- Can be combined with vacuum safety valve
- Space requirement for filter change approx. 11.8 inch



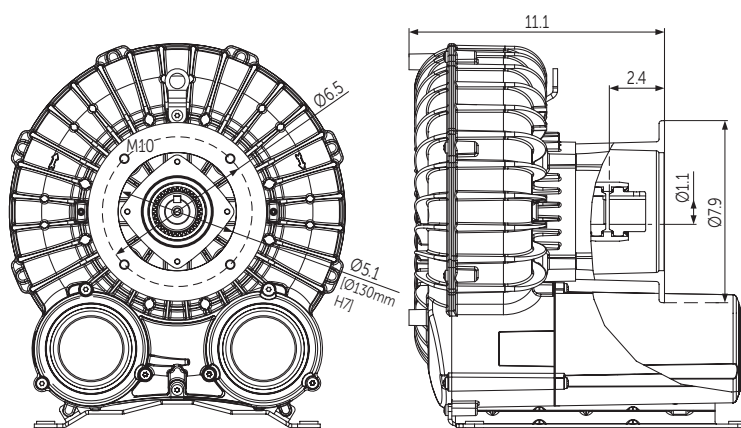
SV 300/2 WITH ATEX MOTOR

- 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**

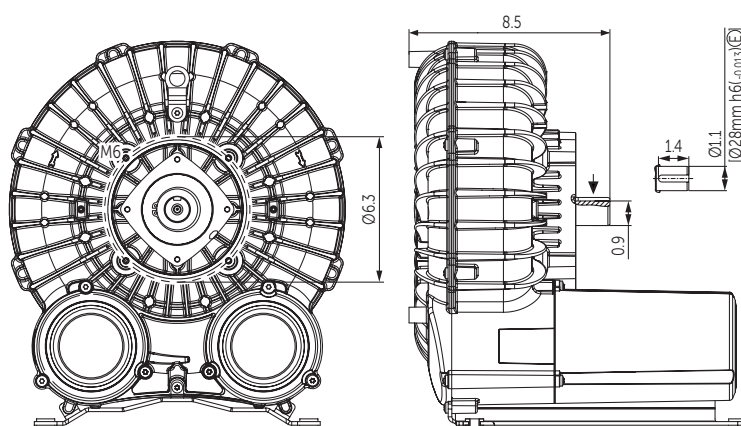
hp	60 Hz		A	Version
	V	rpm		
5.5	Δ230/Y460	3515	13.3/6.67	UL • IP55 • ISO F
	YY208/Y –		14.8	PTC 155°C (311°F)

**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 VARIAR SV 300/2¹⁾

**OTHER VARIANTS AND ACCESSORIES**

- With increased corrosion protection
- VARIAR SV 300/2 with frequency inverter for 100 Hz operation¹⁾
- VARIAR SV 300/2 gas-tight (inert gases) with frequency inverter for 100 Hz operation¹⁾
- Sound proof box SH 18¹⁾

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.



Sound proof box SH 18

MAKE IT BECKER.

HOMEPAGE
SV SERIES



DOWNLOAD
MOTOR SPECS.



ONLINE SHOP
SV 300/2

