

DATA SHEET

SV 1100/2

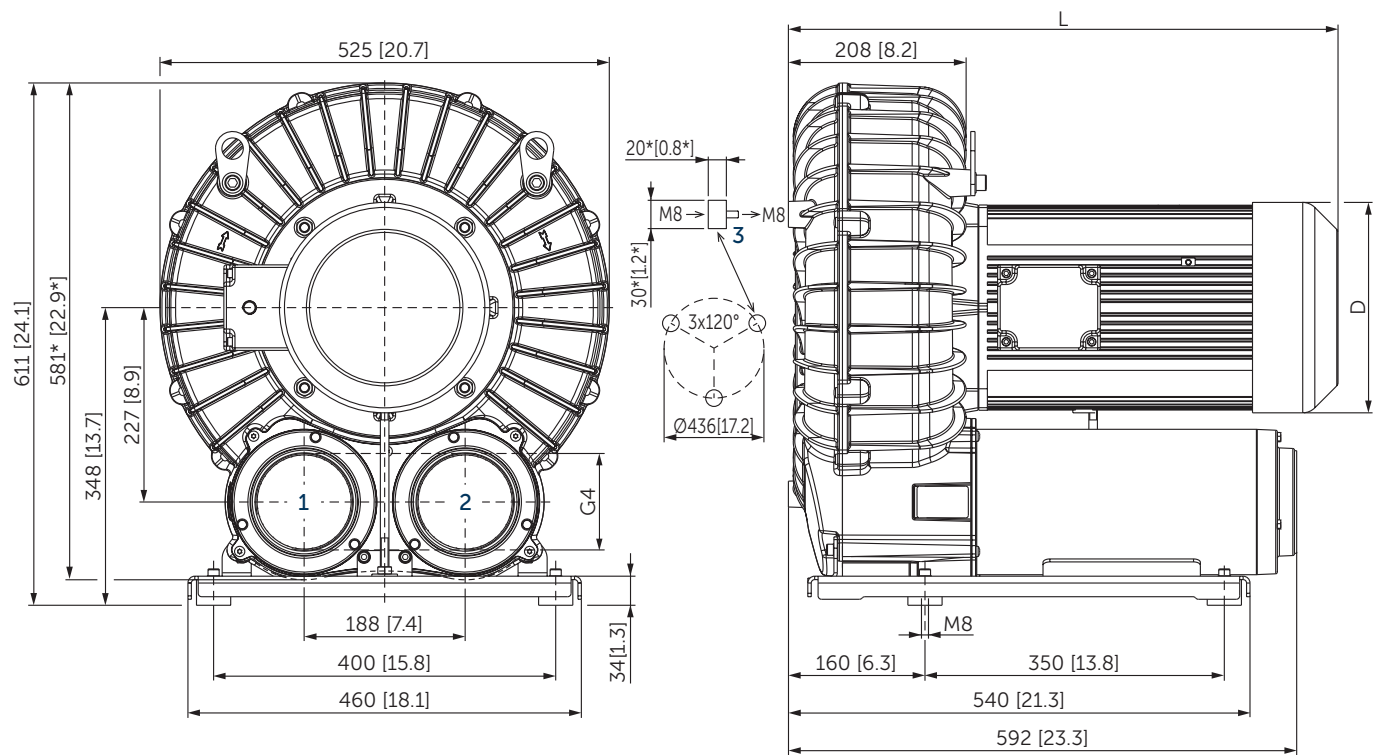
SIDE CHANNEL VACUUM PUMPS

double stage

air-cooled

MAKE IT BECKER.





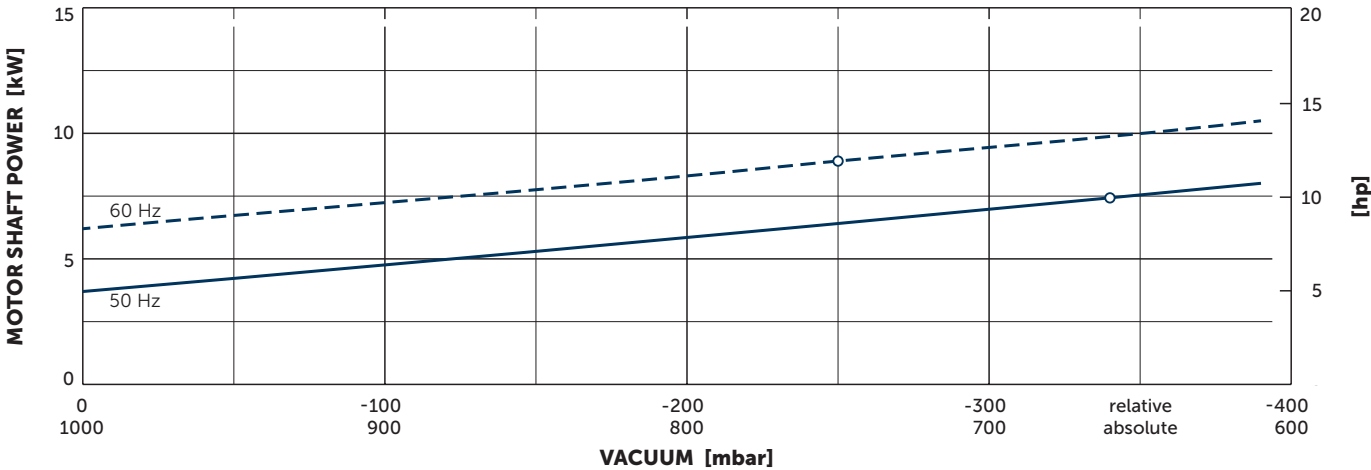
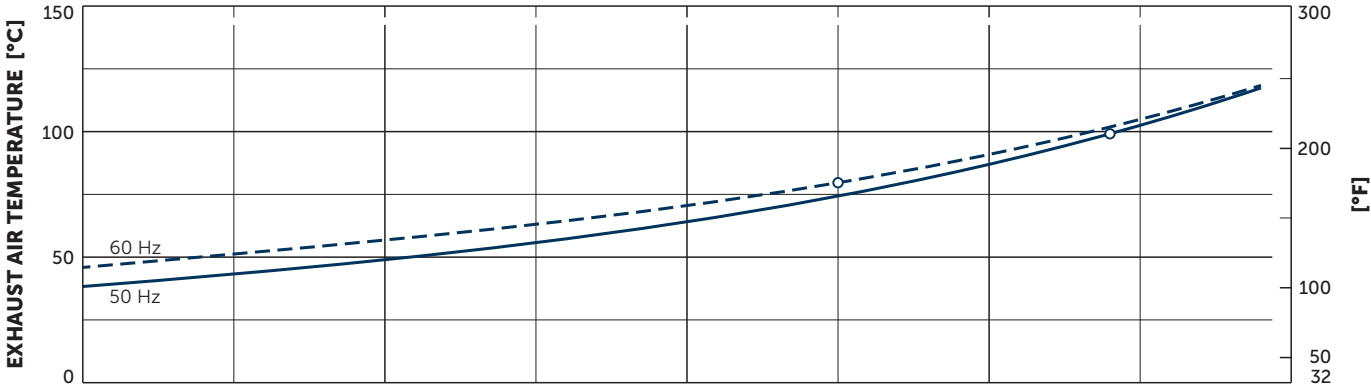
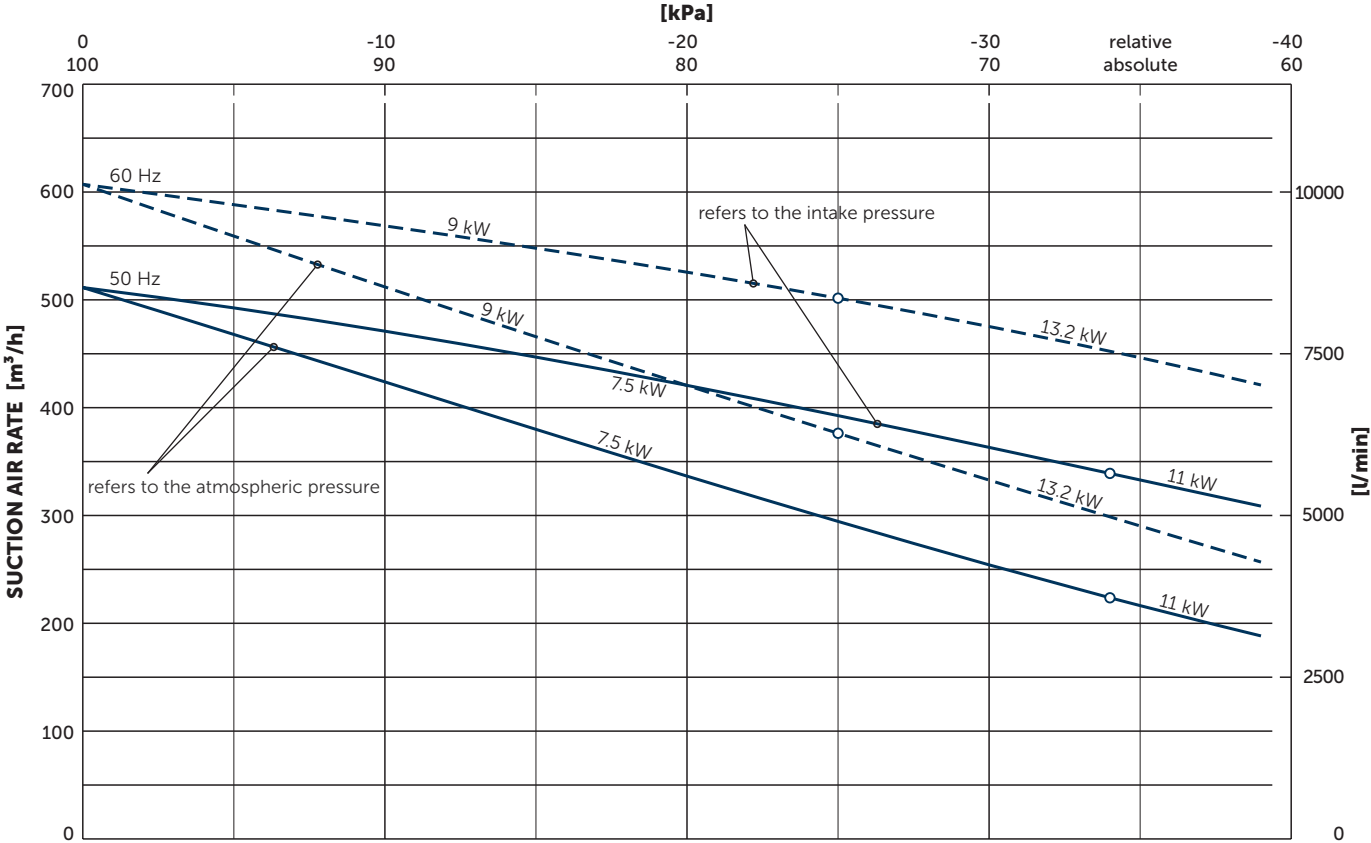
- 1 Vacuum connection (G4)
- 2 Pressure connection (G4)
- 3 Rubber buffer position (optional)
- * Device dimensions without pedestal under the silencer, with rubber buffers on the enclosure cover
- The motor illustration may vary
- Dimensions in mm [inch]

Suction air rate		Vacuum relative		Motors		Emission sound pressure level ¹⁾		Weight with motor	D	L
m³/h		mbar		kW		dB(A)		kg	mm [inch]	mm [inch]
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz			
510	605	-340	-250	7.5	9.0	69 (-225 mbar)	76 (-165 mbar)	118	246 [9.7]	622 [24.5]
510	605	-390	-390	11.0	13.2	71 (-260 mbar)	77 (-260 mbar)	125	246 [9.7]	643 [25.3]

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

3~ Motors										
#	50 Hz					60 Hz				
	kW	V	IE3	min ⁻¹	A	kW	V	IE3	min ⁻¹	A
01	7.5	Δ400	IE3	2910	13.5	9.0	Δ460 Δ400	IE3	3500 3450	13.9 16.1
02						9.0	YY230/Y460 YY208	IE3	3505 3475	27.8/13.9 30.7
03	7.5	Δ200/Y350	IE3	2920	27.0/15.6	9.0	Δ220/Y380–400 Δ200/Y350	IE3	3500 3465	29.1/16.8 31.7/18.3
04	11.0	Δ400	IE3	2930	21.8	13.2	Δ460 Δ400	IE3	3525 3490	21.9 23.7
05						13.2	YY230/Y460 YY208	IE3	3530 3505	44.8/22.4 46.5
06	11.0	Δ200/Y350	IE3	2920	41.4/23.9	13.2	Δ220/Y380–400 Δ200/Y350	IE3	3510 3465	43.3/25.0 46.8/27.0

▪ Type plate data on current consumption and rotation speed of the motors may vary. Tolerance -1.5/+2% in each case.

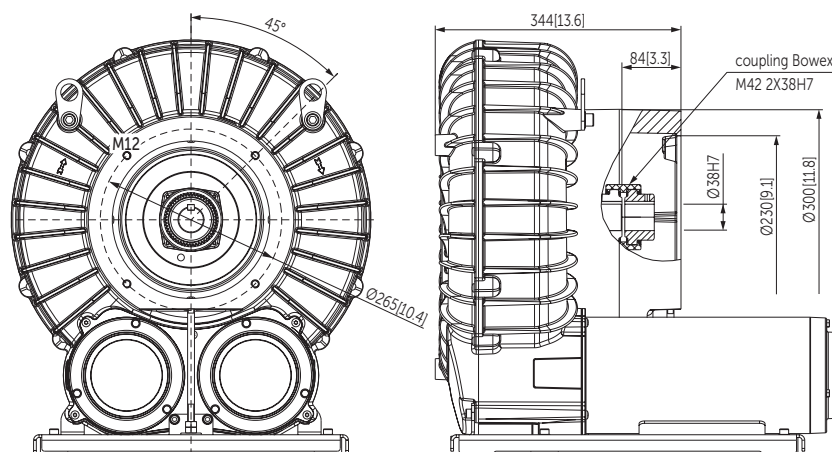


Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
Tolerance: ±10%
Temperature: Ambient air -10°C ... 40°C (14°F ... 104°F), Inlet air 0°C ... 40°C (32°F ... 104°F)

+ VARIANTS AND ACCESSORIES

WITHOUT MOTOR

- With coupling for flange motor
- Standard DIN EN 50347
- Flange size FF265
- Shaft end Ø38x80 mm [≈1.5x3.2 inch]
- Max. size BG160
- The motor must be supported!



OTHER VARIANTS AND ACCESSORIES

- External suction filter¹⁾
- External vacuum safety valve
- Increased corrosion protection
- Rubber buffers for vertical installation



Example for an external suction filter

¹⁾ See separate data sheet

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



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