

DATA SHEET

SV 700/2

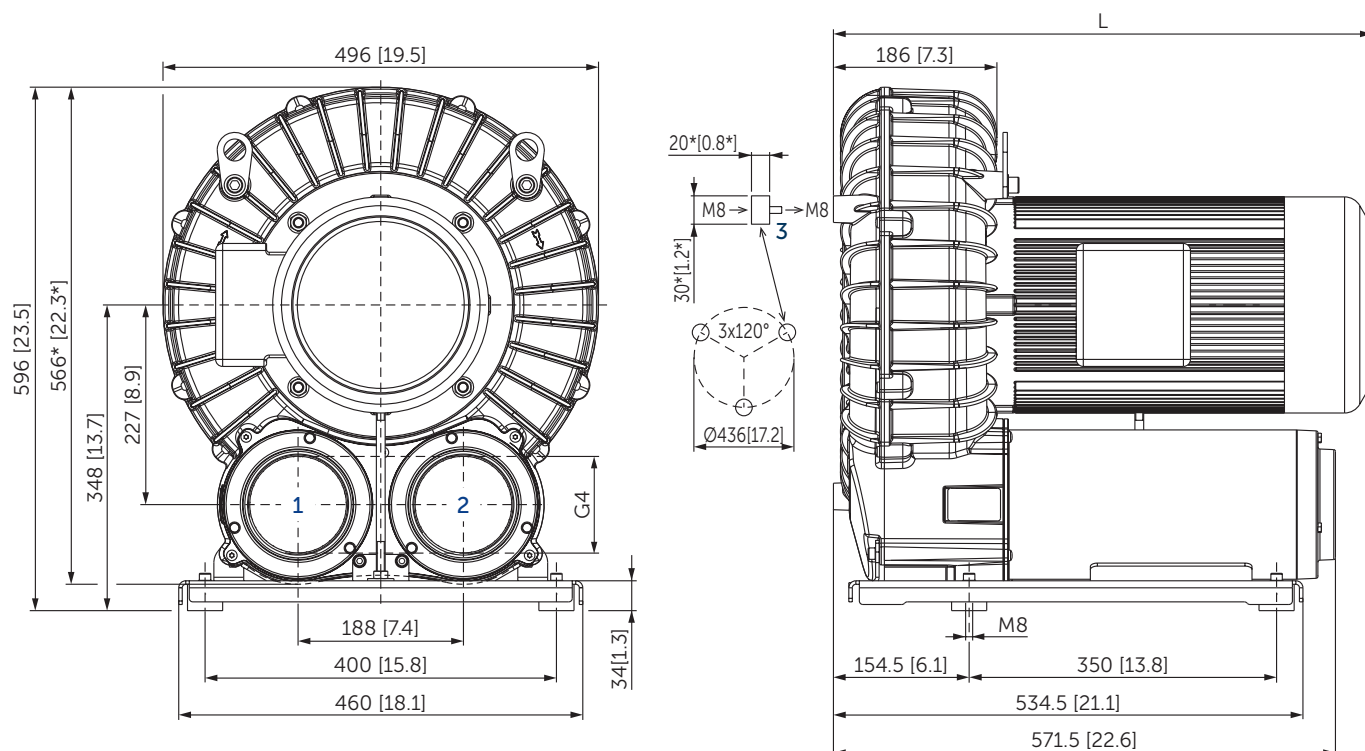
SIDE CHANNEL VACUUM PUMPS

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

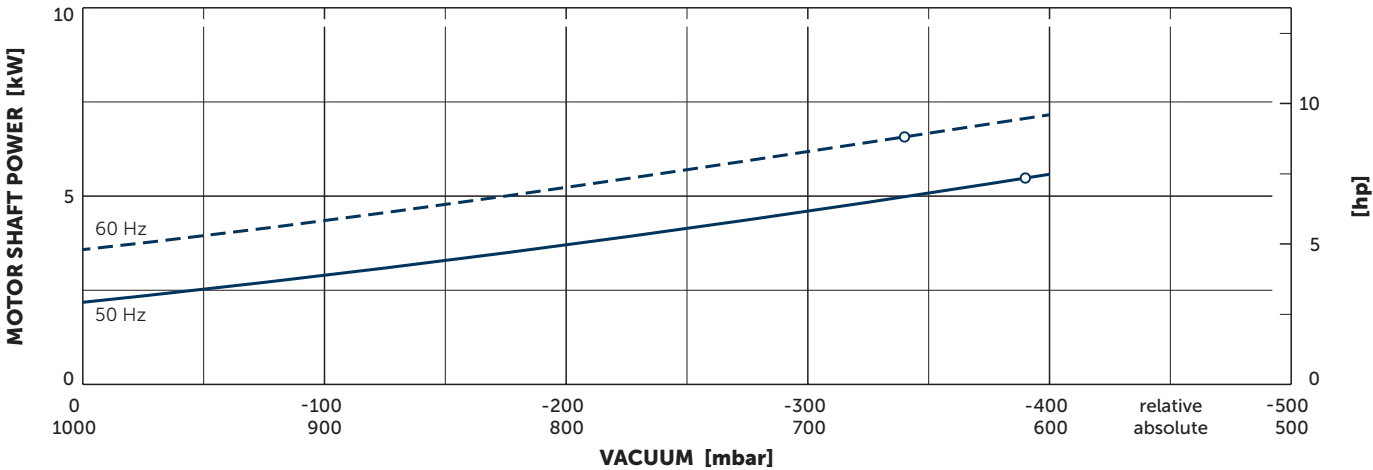
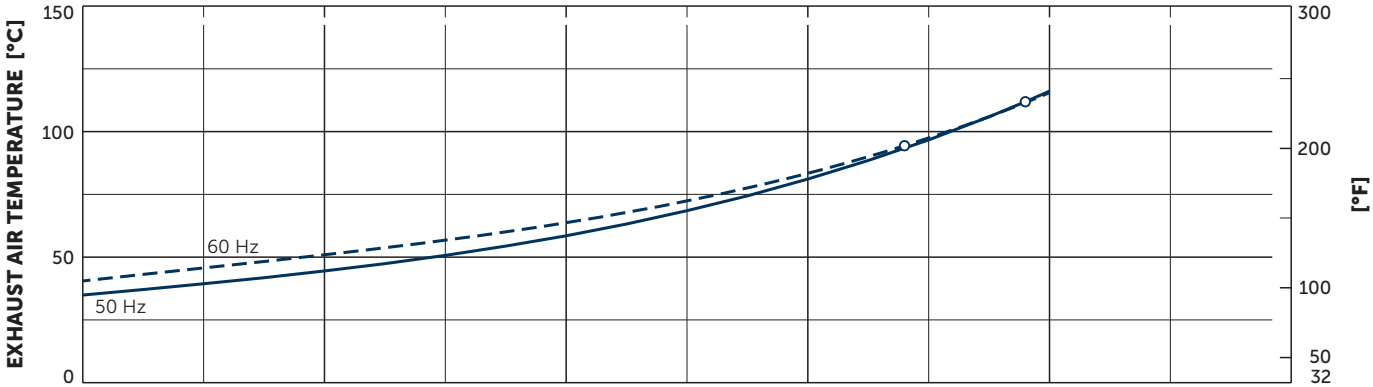
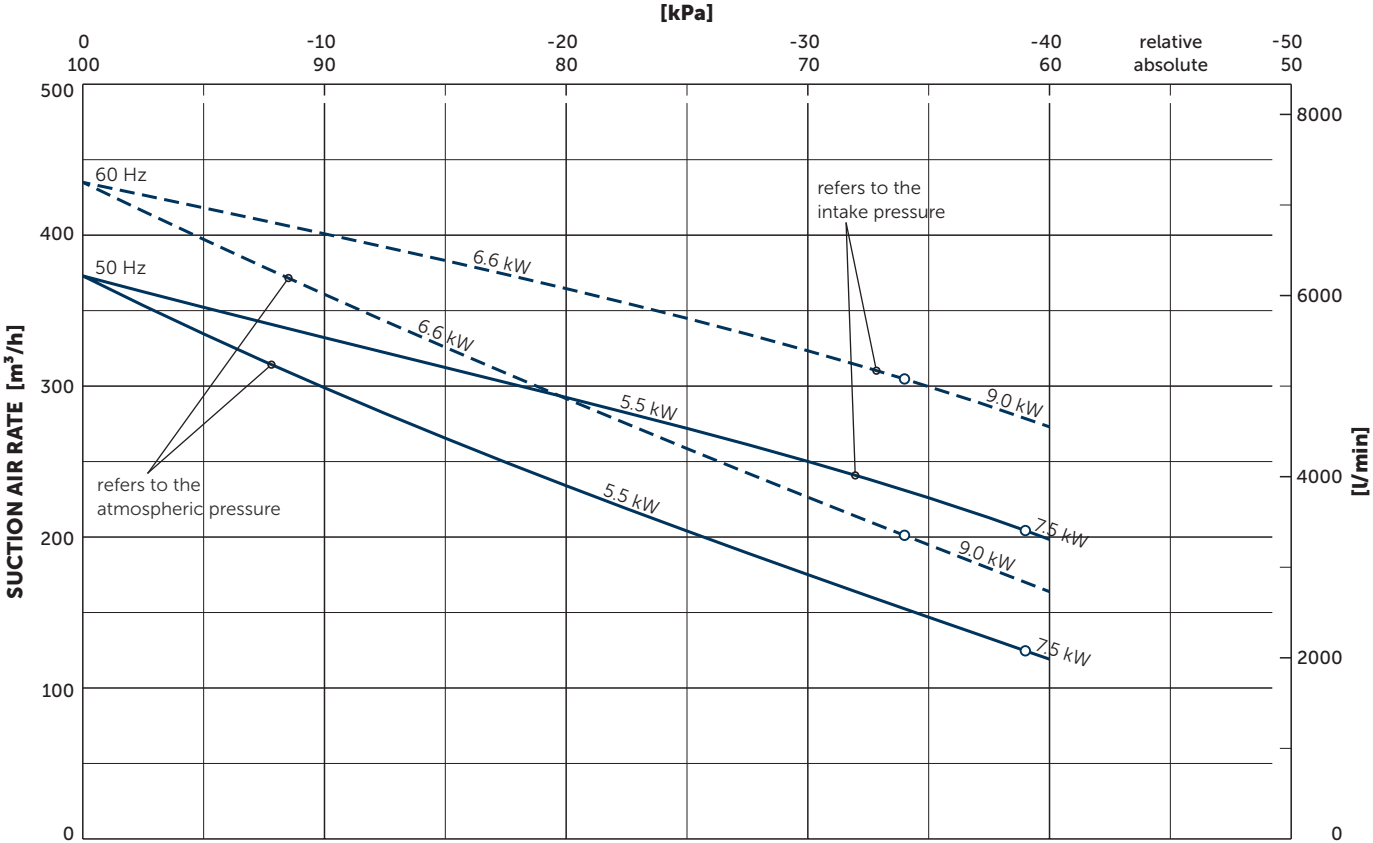
▪ Dimensions in mm [inch]

Suction air rate		Vacuum relative		Motors		Emission sound pressure level ¹⁾		Weight with motor
m ³ /h		mbar		kW		dB(A)		kg
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
375	435	-390	-340	5.5	6.6	68 (-260 mbar)	69 (-225 mbar)	89
375	435	-400	-400	7.5	9.0	69 (-270 mbar)	73 (-270 mbar)	112

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												L	
#	50 Hz					60 Hz				Version	mm		
	kW	V		min ⁻¹	A	kW	V	min ⁻¹	A		[inch]		
01	5.5	Δ400/Y690	IE3	2930	11.9/6.9	6.6	Δ460	IE3	3520	11.5	UL • CSA	563	
						5.5	Δ400/Y690	IE3	3520	10.2/5.9	IP55 • ISO F • bimetal	[22.2]	
02						6.6	Δ230/Y400	IE3	3496	20.6/11.9	UL • CSA • CC	561	
							Δ265/Y460	IE3	3528	19.9/11.5			IP55 • ISO F • bimetal
							Δ208		3470	22.5			
03	5.5	Δ200/Y350	IE3	2935	26.9/15.4	6.6	Δ220/Y380–400	IE3	3530	24.0/13.9–14.3	IP55 • ISO F • bimetal	563	
							Δ200/Y350	IE3	3500	24.7/14.1			
04						6.6	Δ400/Y690	IE3	3524	14.2/8.3	UL • CSA • CC	557	
											IP65 • ISO F • bimetal	[21.9]	
05	7.5	Δ400	IE3	2910	13.5	9.0	Δ460	IE3	3500	13.9	UL • CSA	614	
							Δ400		3450	16.1	IP55 • ISO F • bimetal	[24.2]	
06						9.0	YY230/Y460	IE3	3505	27.8/13.9	UL • CSA	614	
							YY208		3475	30.7			IP55 • ISO F • bimetal
07	7.5	Δ200/Y350	IE3	2920	27.0/15.6	9.0	Δ220/Y380–400	IE3	3500	29.1/16.8	IP55 • ISO F • bimetal	614	
							Δ200/Y350		3465	31.7/18.3			

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

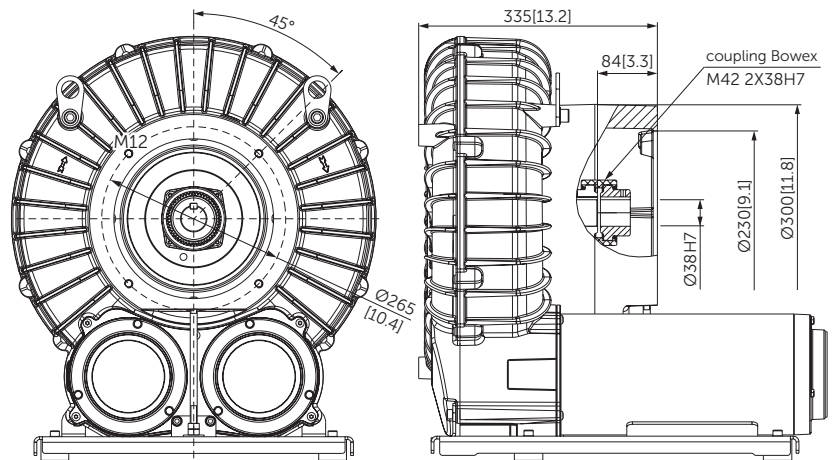


Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
Tolerance: ±10%
Temperature: Ambient air -10°C ... 40°C (14°F ... 104°F), Inlet air 0°C ... 40°C (32°F ... 104°F)

+ 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!



ACCESSORIES

- External suction filter
- External vacuum safety valve
- With increased corrosion protection



Example for an external suction filter

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



MAKE IT BECKER.