

DATA SHEET

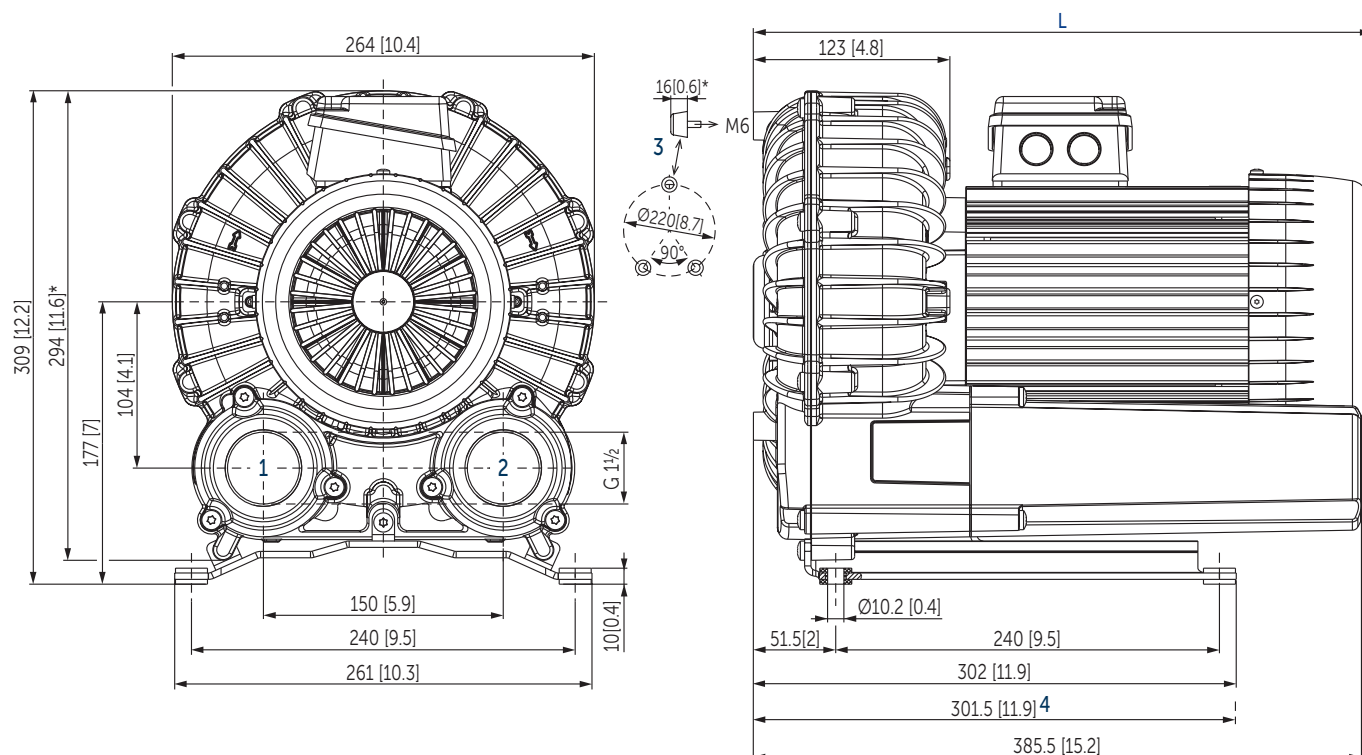
SV 130/2

SIDE CHANNEL BLOWERS

double stage
air-cooled

MAKE IT BECKER.





1 Vacuum connection (G1½)

2 Pressure connection (G1½)

3 Rubber buffer position (optional)

4 Short silencers (optional)

L Length – see motor table

* Device dimensions without pedestal under the silencer, with rubber buffers on the enclosure cover

▪ The motor illustration may vary

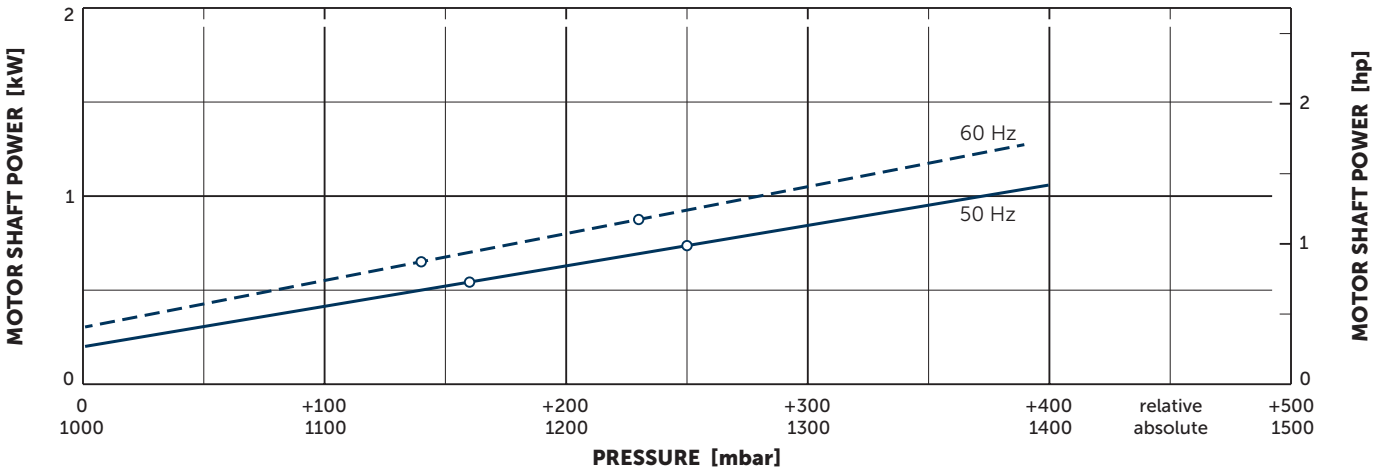
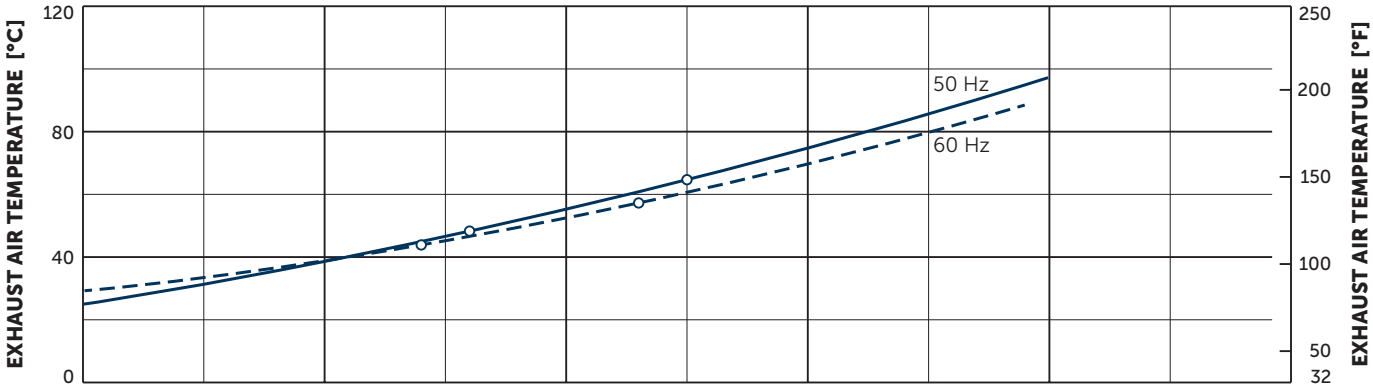
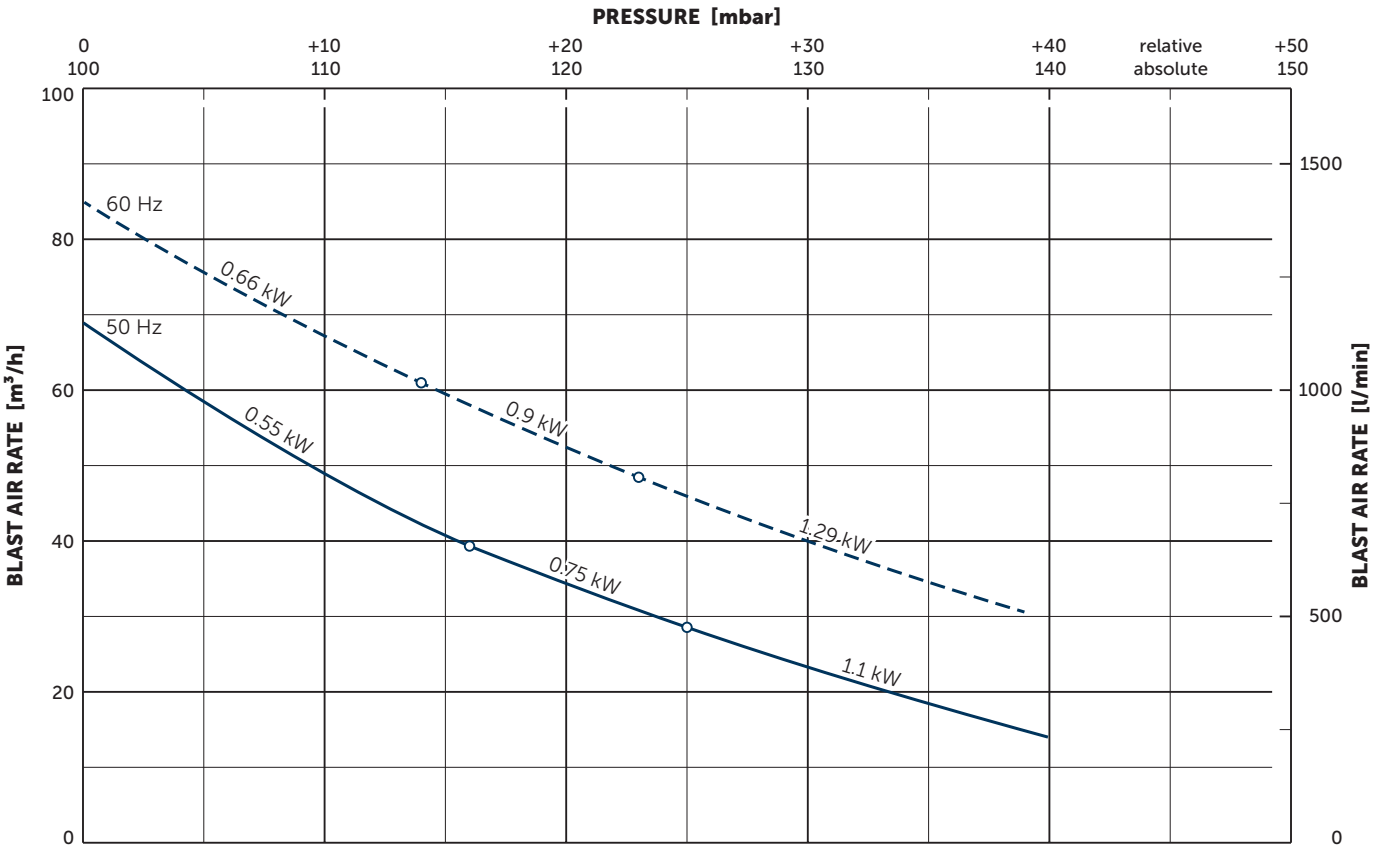
▪ Dimensions in mm [inch]

Blast air rate		Pressure relative		Motor capacity		Emission sound pressure level ¹⁾		Weight incl. motor
m³/h		mbar		kW		dB(A)		kg
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
70	85	+160	+140	0.55	0.66	59.9 (+105 mbar)	59.4 (+80 mbar)	21.5
70	85	+250	+230	0.75	0.9	60.4 (+165 mbar)	60.0 (+145 mbar)	22.5
70	85	+400	+390	1.1	1.29	59.8 (+265 mbar)	62.7 (+235 mbar)	23.0

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				Version	L mm [inch]	
	kW	V		min ⁻¹	A	kW	V		min ⁻¹			A
01	0.55	Δ230/Y400	IE3	2895	2.10/1.21	0.66	Δ265/Y460	IE3	3515	2.15/1.24	UL • CSA IP55 • ISO F • bimetal	369 [14.5]
							Δ230/Y400		3493	2.31/1.34		
02						0.66	YY230/Y460	IE3	3515	2.50/1.25	UL • CSA IP55 • ISO F • bimetal	369 [14.5]
							YY208/Y –		3496	2.58/ –		
03	0.55	Δ200/Y350	IE3	2903	2.42/1.40	0.66	Δ220/Y380–400	IE3	3518	2.53/1.48–1.46	UL • CSA IP55 • ISO F • bimetal	369 [14.5]
							Δ200/Y350		3496	2.70/1.56		
04	0.75	Δ230/Y400	IE3	2888	2.70/1.55	0.90	Δ265/Y460	IE3	3503	2.70/1.57	UL(E235514) • CSA • CC329B IP55 • ISO F • bimetal	384 [15.1]
							Δ230/Y400	IE3	3460	3.00/1.76		
05						0.90	YY230/Y460	IE3	3505	3.40/1.70	UL • CSA IP55 • ISO F • bimetal	384 [15.1]
							YY208/Y –		3493	3.47/ –		
06	0.75	Δ200/Y350	IE3	2893	3.43/1.98	0.90	Δ220/Y380–400	IE3	3505	3.30/1.95–1.92	IP55 • ISO F • bimetal	384 [15.1]
							Δ200/Y350		3458	3.59/2.07		
07	1.10	Δ230/Y400	IE3	2870	4.3/2.5	1.29	Δ265/Y460	IE3	3460	4.3/2.5	UL • CSA IP55 • ISO F • bimetal	387 [15.2]
							Δ230/Y400		3395	4.7/2.7		
08						1.29	YY230/Y460	IE3	3465	4.8/2.4	UL • CSA IP55 • ISO F • bimetal	387 [15.2]
							YY208/Y –		3430	5.0/ –		
09	1.10	Δ200/Y350	IE3	2875	5.0/2.9	1.29	Δ220/Y380–400	IE3	3462	5.0/2.9–3.0	IP55 • ISO F • bimetal	387 [15.2]
							Δ200/Y350		3405	5.2/3.0		

1~ Motors										
#	50 Hz				60 Hz				Version	L mm [inch]
	kW	V	min ⁻¹	A	kW	V	min ⁻¹	A		
01	0.55	230	2892	3.35	0.66	230	3443	3.97	UL • CSA IP55 • ISO F • bimetal	398 [15.7]
02	0.75	220–240	2840	4.9	0.90	220–240	3350	5.6	UL • CSA IP55 • ISO F • bimetal	384 [15.1]
03	1.10	230	2855	6.7	1.30	230	3375	7.9	UL • CSA IP55 • ISO F • bimetal	387 [15.2]

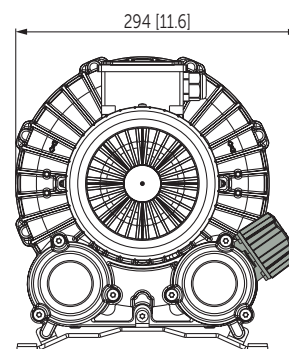
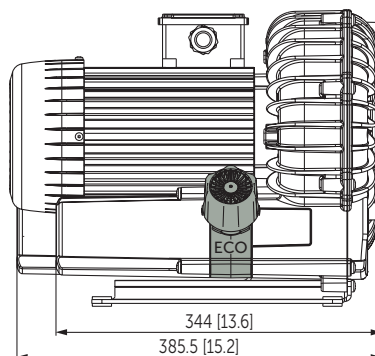


- Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
- Tolerance: ±10%

+ VARIANTS AND ACCESSORIES

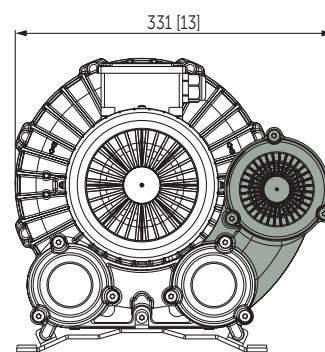
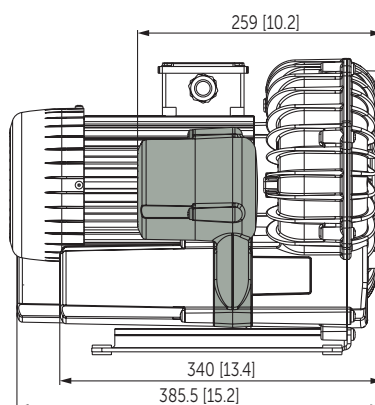
ECO VACUUM SAFETY VALVE

- The application is pressure dependent.



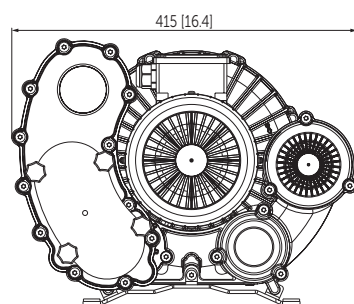
VACUUM SAFETY VALVE

- The application is pressure dependent.

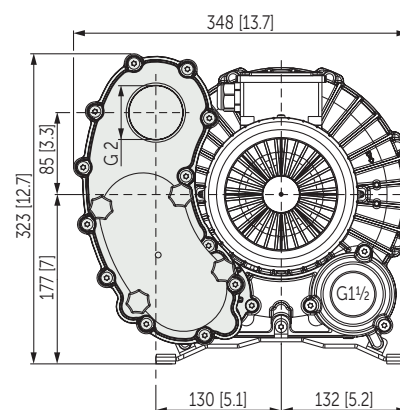
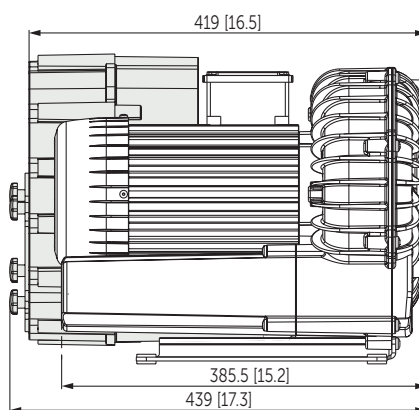


SUCTION FILTER

- Paper or polyester insert



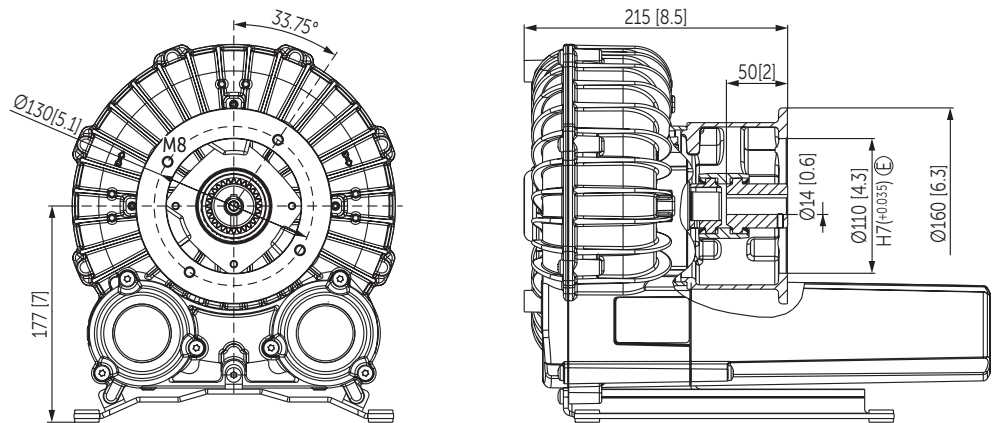
Can be combined with safety valve.



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

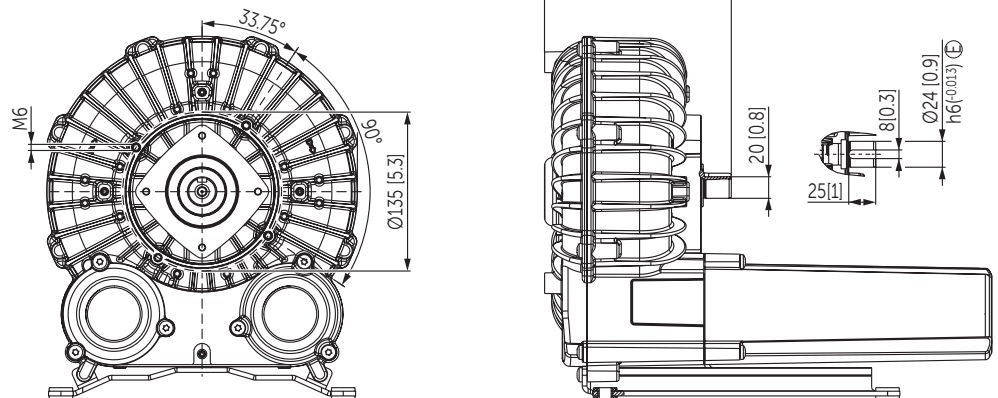
WITHOUT MOTOR

- With coupling for flange motor



WITHOUT MOTOR

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



OTHER VARIANTS AND ACCESSORIES

- VARIAR SV 130/2¹⁾ – 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 filters¹⁾
- Sound proof box SH 18¹⁾



VARIAR SV 130/2



SH 18

¹⁾ See separate data sheet

- Dimensions in mm [inch] – Further dimensions can be found in the illustration on page 2.
- Combination options on request



MAKE IT BECKER.