

DATA SHEET

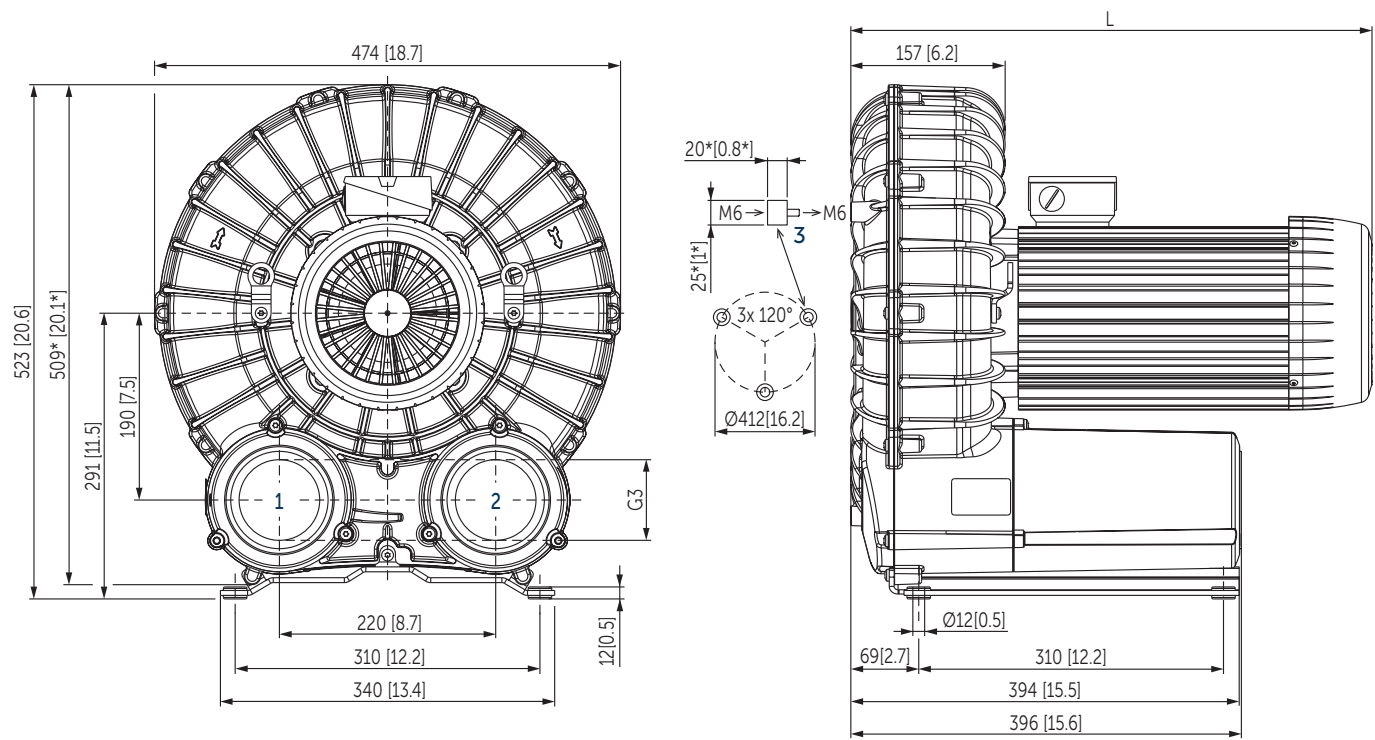
SV 500/2

SIDE CHANNEL BLOWERS

double stage
air-cooled

MAKE IT BECKER.





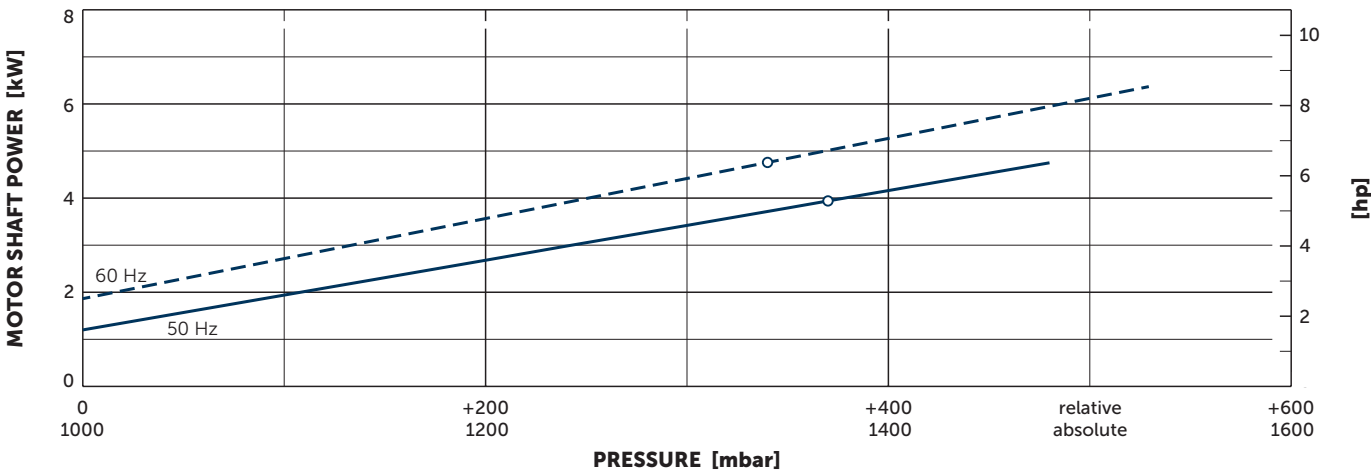
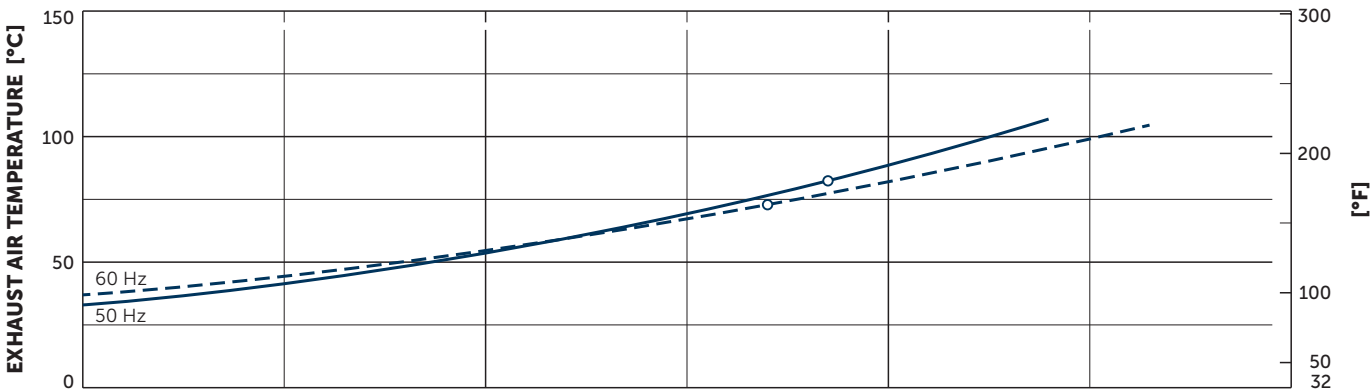
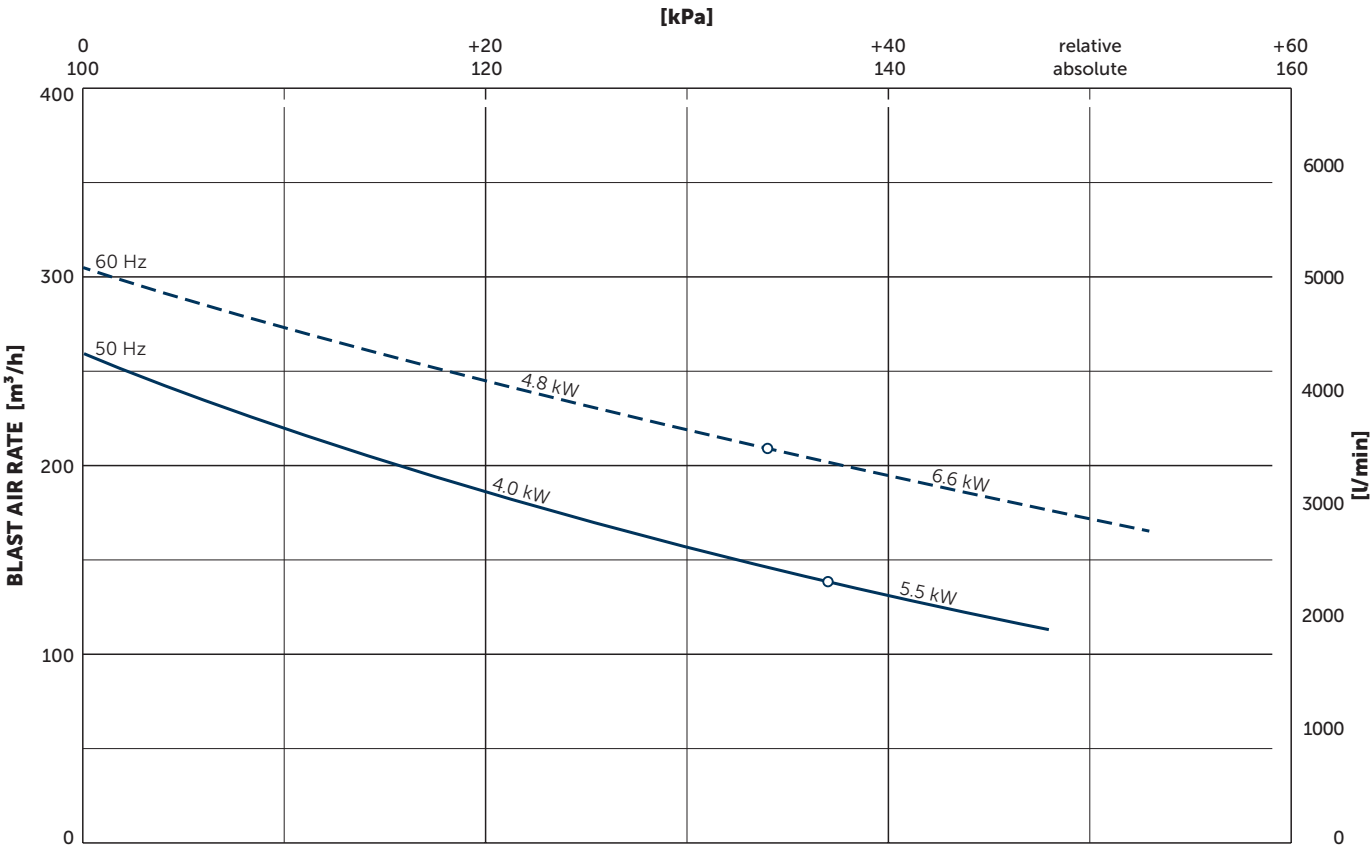
- 1 Vacuum connection (G3)
- 2 Pressure connection (G3)
- 3 Rubber buffer position (optional)
- * Device dimensions without pedestal under the silencer, with rubber buffers on the enclosure cover
- The motor illustration may vary
- Dimensions in mm [inch]

Blast air rate		Pressure relative		Motors		Emission sound pressure level ¹⁾		Weight with motor
m³/h		mbar		kW		dB(A)		kg
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
260	305	+370	+340	4.0	4.8	69.9 (+230 mbar)	71.6 (+220 mbar)	61.7–62.5
260	305	+480	+530	5.5	6.6	69.8 (+330 mbar)	72.2 (+350 mbar)	67.5

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 [inch]	
	kW	V		min ⁻¹	A	kW	V	min ⁻¹	A			
01	4.0	Δ230/Y400	IE3	2930	14.6/8.4	4.8	Δ265/Y460	IE3	3520	14.3/8.25	UL • CSA IP55 • ISO F • bimetal	496 [19.5]
							Δ230/Y400		3490	15.4/8.85		
02						4.8	YY230/Y460	IE3	3530	15.5/7.7	UL • CSA • CC IP55 • ISO F • bimetal	494 [19.5]
							YY208	IE3	3500	16.6		
03	4.0	Δ200/Y350	IE3	2930	16.6/9.6	4.8	Δ220/Y380–400	IE3	3520	16.6/9.6–9.45	IP55 • ISO F • bimetal	496 [19.5]
							Δ200/Y350	IE3	3490	17.7/10.1		
04						4.8	Δ400	IE3	3530	9.0	UL • CSA • CC IP55 • ISO F • bimetal	494 [19.5]
05	5.5	Δ400/Y690	IE3	2930	11.9/6.9	6.6	Δ460	IE3	3520	11.5	UL • CSA IP55 • ISO F • bimetal	530 [20.9]
						5.5	Δ400/Y690	IE3	3520	10.2/5.9		
06						6.6	Δ230/Y400	IE3	3496	20.6/11.9	UL • CSA • CC IP55 • ISO F • bimetal	528 [20.8]
							Δ265/Y460	IE3	3528	19.9/11.5		
							Δ208		3470	22.5		
07	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	530 [20.9]
							Δ200/Y350	IE3	3500	24.7/14.1		
08						6.6	Δ400/Y690	IE3	3524	14.2/8.3	UL • CSA • CC IP65 • ISO F • bimetal	524 [20.6]

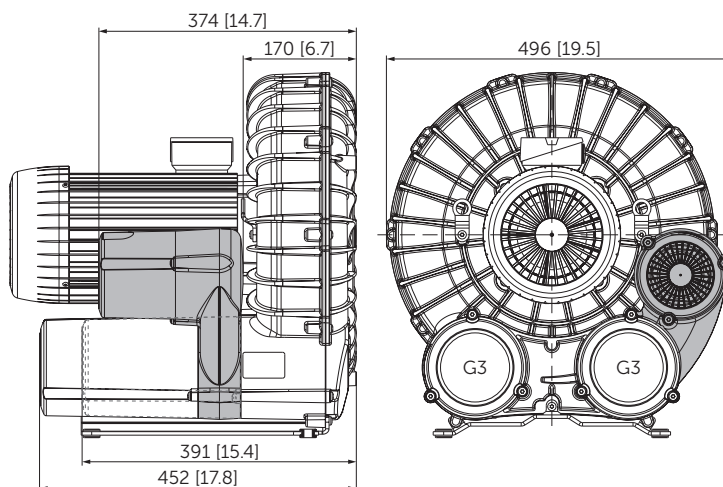
▪ Type plate data on current consumption and rotation speed of the motors may vary. Tolerance -1.5/+2% in each case.



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)

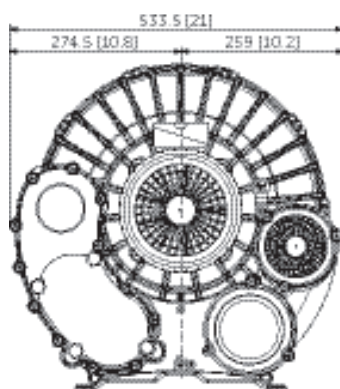
+ VARIANTS AND ACCESSORIES

PRESSURE SAFETY VALVE

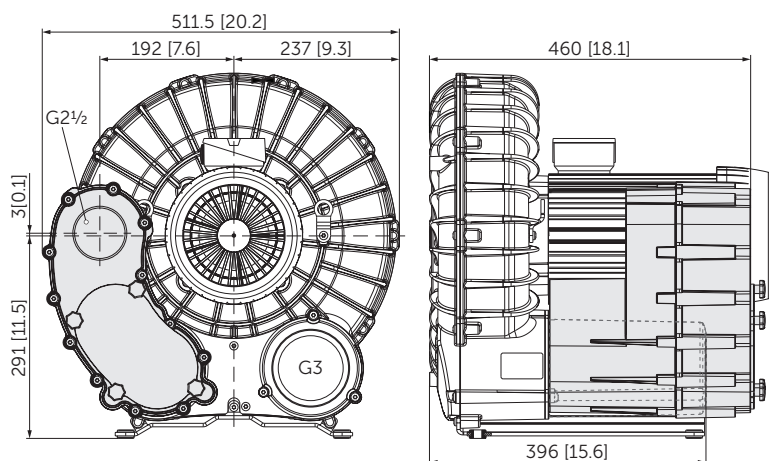


SUCTION FILTER

- Paper or polyester insert

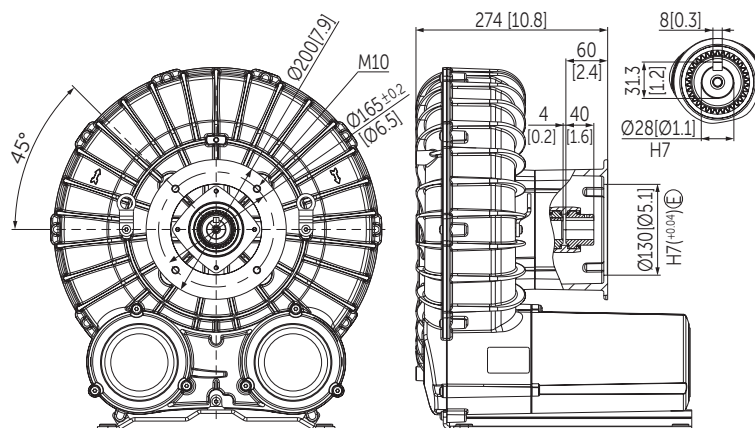


Suction filter & pressure safety valve



WITHOUT MOTOR

- With coupling for flange motor
- The motor must be supported!



OTHER VARIANTS AND ACCESSORIES

- External suction filter
- With increased corrosion protection
- Sound proof box SH 18¹⁾

¹⁾ See separate data sheet

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



Sound proof box SH 18



MAKE IT BECKER.