

DATA SHEET

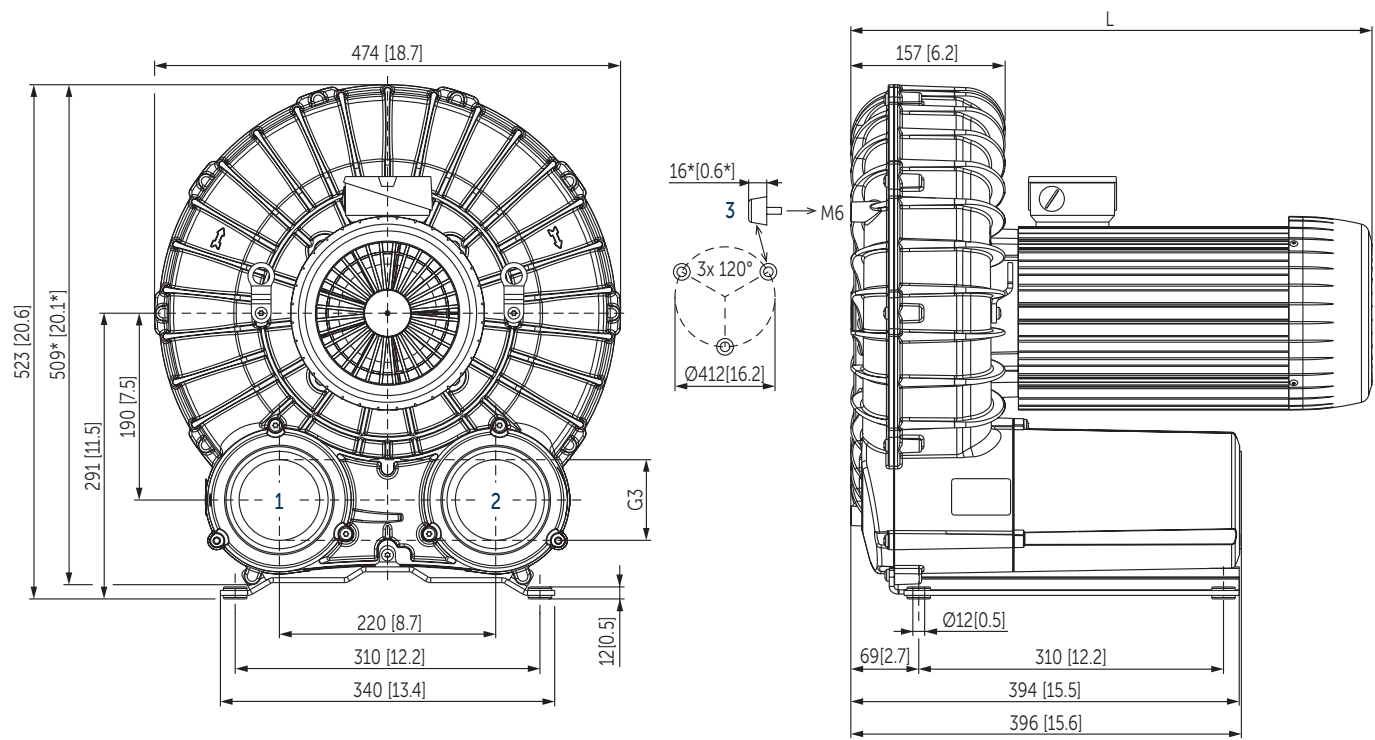
SV 500/2

SIDE CHANNEL BLOWERS

double stage
air-cooled

MAKE IT BECKER.



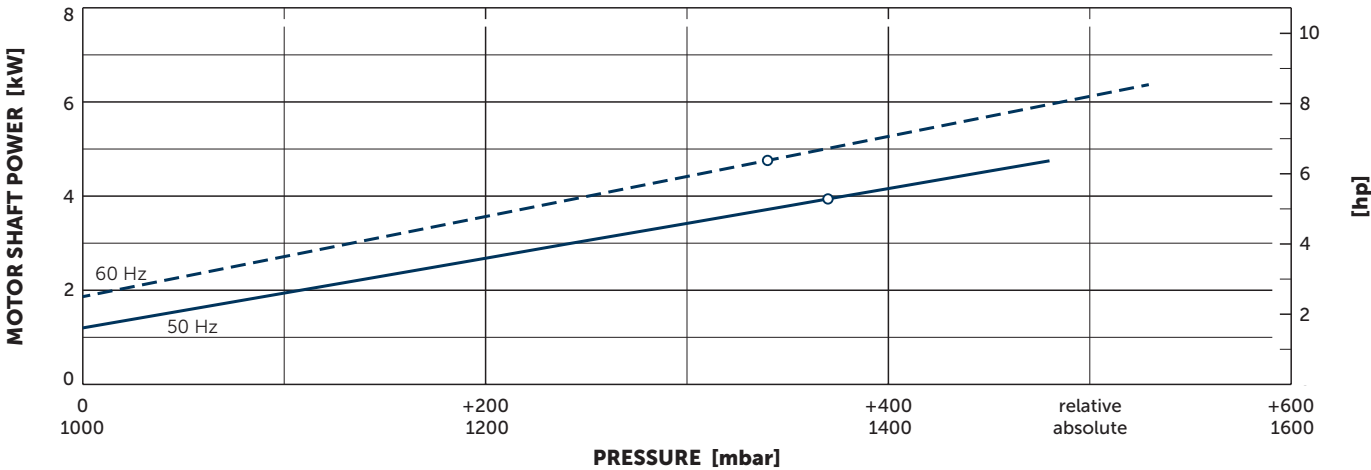
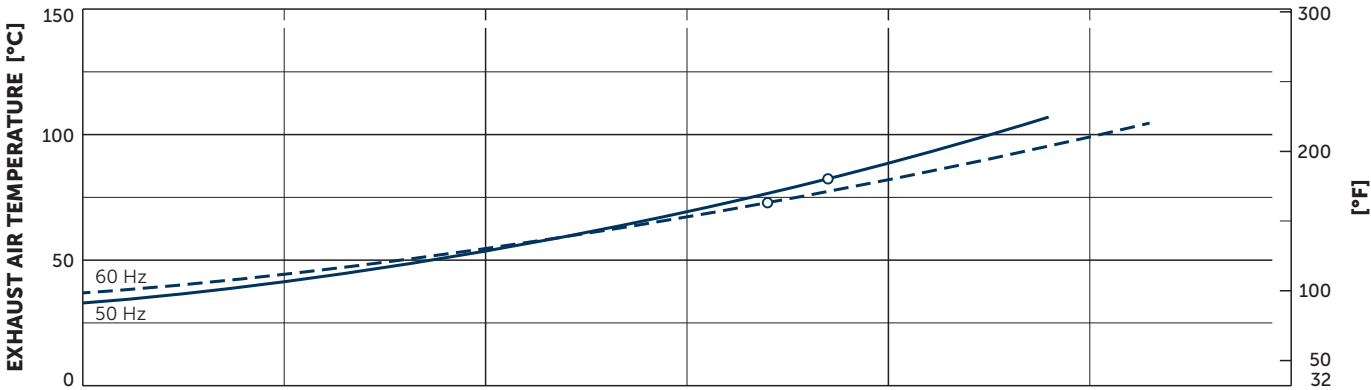
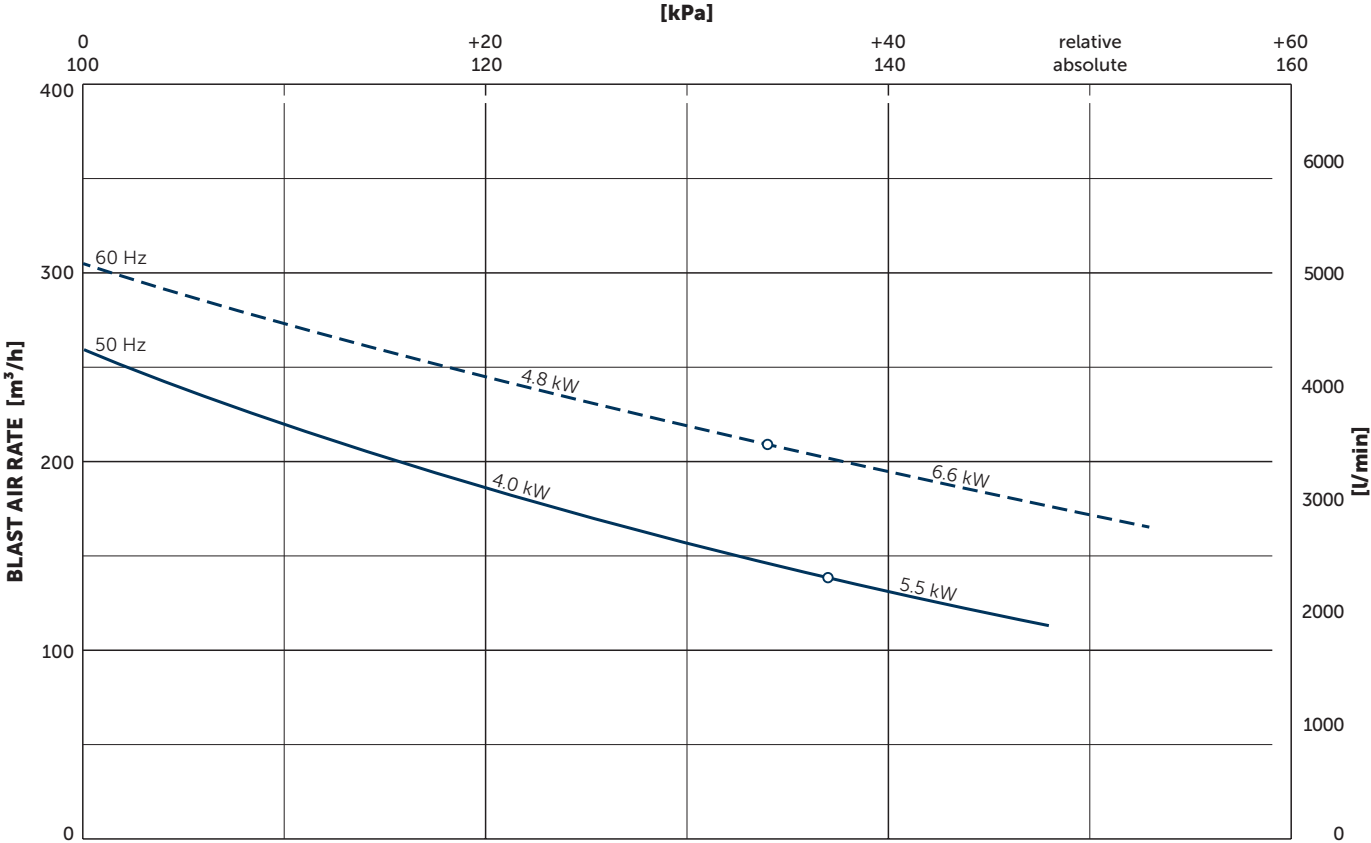


- 1 Vacuum connection (G3)
- 2 Pressure connection (G3)
- 3 Rubber buffer position (optional)
- * Device dimensions without pedestal under the silencer, with rubber buffers on the enclosure cover
- The motor illustration may vary
- Dimensions in mm [inch]

Blast air rate		Pressure relative		Motors		Emission sound pressure level ¹⁾		Weight with motor	L
m³/h		mbar		kW		dB(A)		kg	mm [inch]
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)	62.5	496 [19.5]
260	305	+480	+530	5.5	6.6	69.8 (+330 mbar)	72.2 (+350 mbar)	67.5	530 [20.9]

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

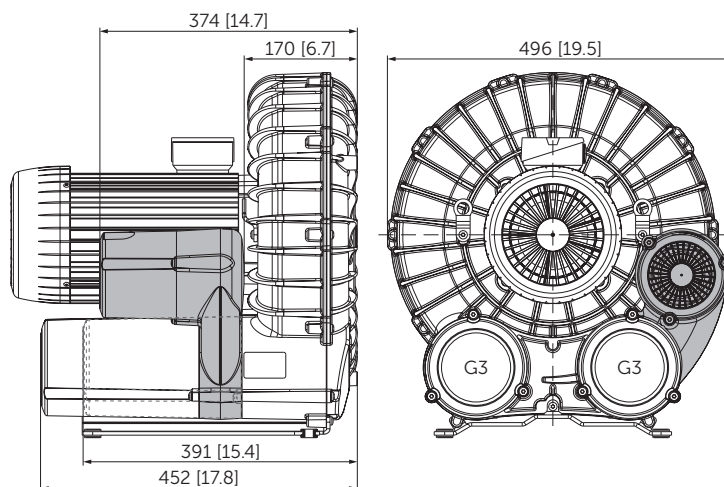
3~ Motors											
#	50 Hz					60 Hz					Version
	kW	V		min ⁻¹	A	kW	V		min ⁻¹	A	
01	4.0	Δ230/Y400	IE3	2930	14.6/8.4	4.8	Δ265/Y460 Δ230/Y400	IE3 IE3	3520 3490	14.3/8.25 15.4/8.85	UL • CSA IP55 • ISO F • bimetal
02						4.8	YY230/Y460 YY208	IE3	3520 3500	16.5/8.25 17.1	UL • CSA IP55 • ISO F • bimetal
03	4.0	Δ200/Y350	IE3	2930	16.6/9.6	4.8	Δ220/Y380–400 Δ200/Y350	IE3 IE3	3520 3490	16.6/9.6–9.45 17.7/10.1	IP55 • ISO F • bimetal
04						4.8	Δ400	IE3	3530	9.0	UL • CSA • CC IP55 • ISO F • bimetal
05	5.5	Δ400/Y690	IE3	2930	11.9/6.9	6.6 5.5	Δ460 Δ400/Y690	IE3 IE3	3520 3520	11.5 10.2/5.9	UL • CSA IP55 • ISO F • bimetal
06						6.6	Δ230/Y400 Δ265/Y460 Δ208	IE3 IE3	3496 3528 3470	20.6/11.9 19.9/11.5 22.5	UL • CSA • CC IP55 • ISO F • bimetal
07	5.5	Δ200/Y350	IE3	2935	26.9/15.4	6.6	Δ220/Y380–400 Δ200/Y350	IE3 IE3	3530 3500	24.0/13.9–14.3 24.7/14.1	IP55 • ISO F • bimetal
08						6.6	Δ400/Y690	IE3	3520	13.2/7.65	UL • CSA IP55 • ISO F • bimetal



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)

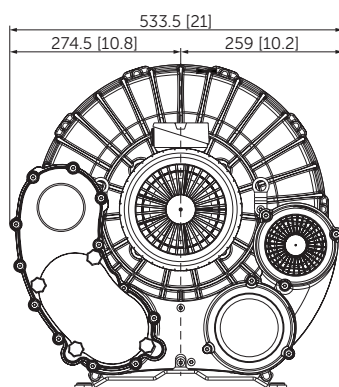
+ VARIANTS AND ACCESSORIES

PRESSURE SAFETY VALVE

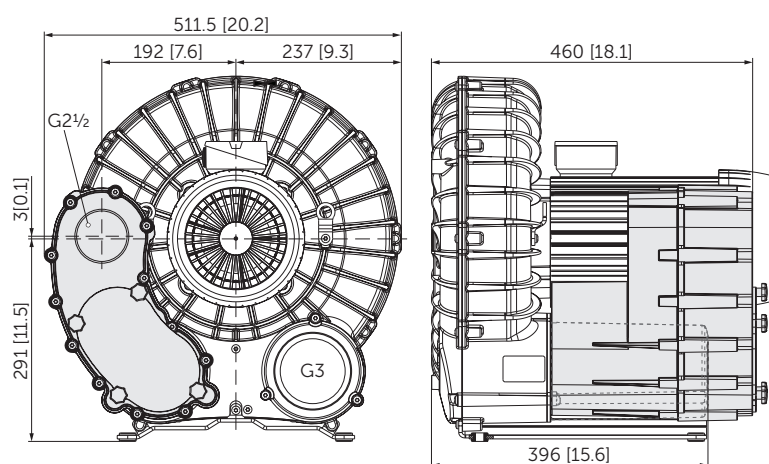


SUCTION FILTER

- Paper or polyester insert

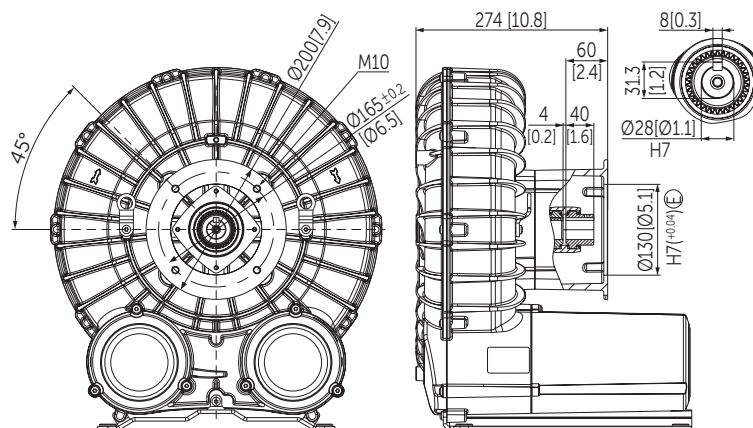


Suction filter & pressure safety valve



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 18 ¹⁾

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



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