DATA SHEET

SV 1.50/3
SIDE CHANNEL VACUUM PUMPS

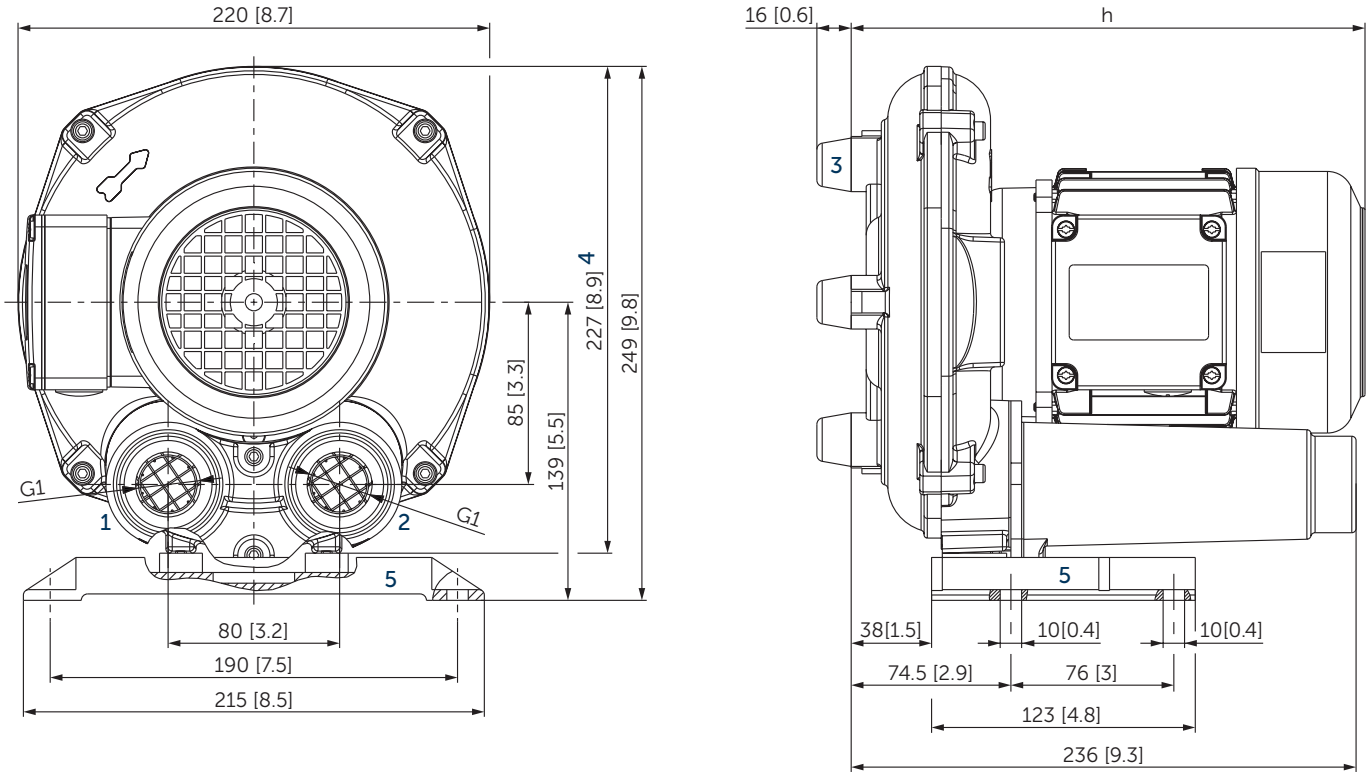
single stage
air-cooled

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SV 1.50/3 INCLUDING RUBBER BUFFERS (STANDARD)
SV 1.50/3-01 INCLUDING PEDESTAL (OPTIONAL)



1 Vacuum connection (G1)
2 Pressure connection (G1)
3 Including rubber buffers for vertical installation
4 Dimension for SV 1.50/3 without pedestal
5 Pedestal of optional version SV 1.50/3-01 for horizontal installation
- Further options: external safety valve, external suction filter
- The motor illustration may vary
- Dimensions in mm [inch]

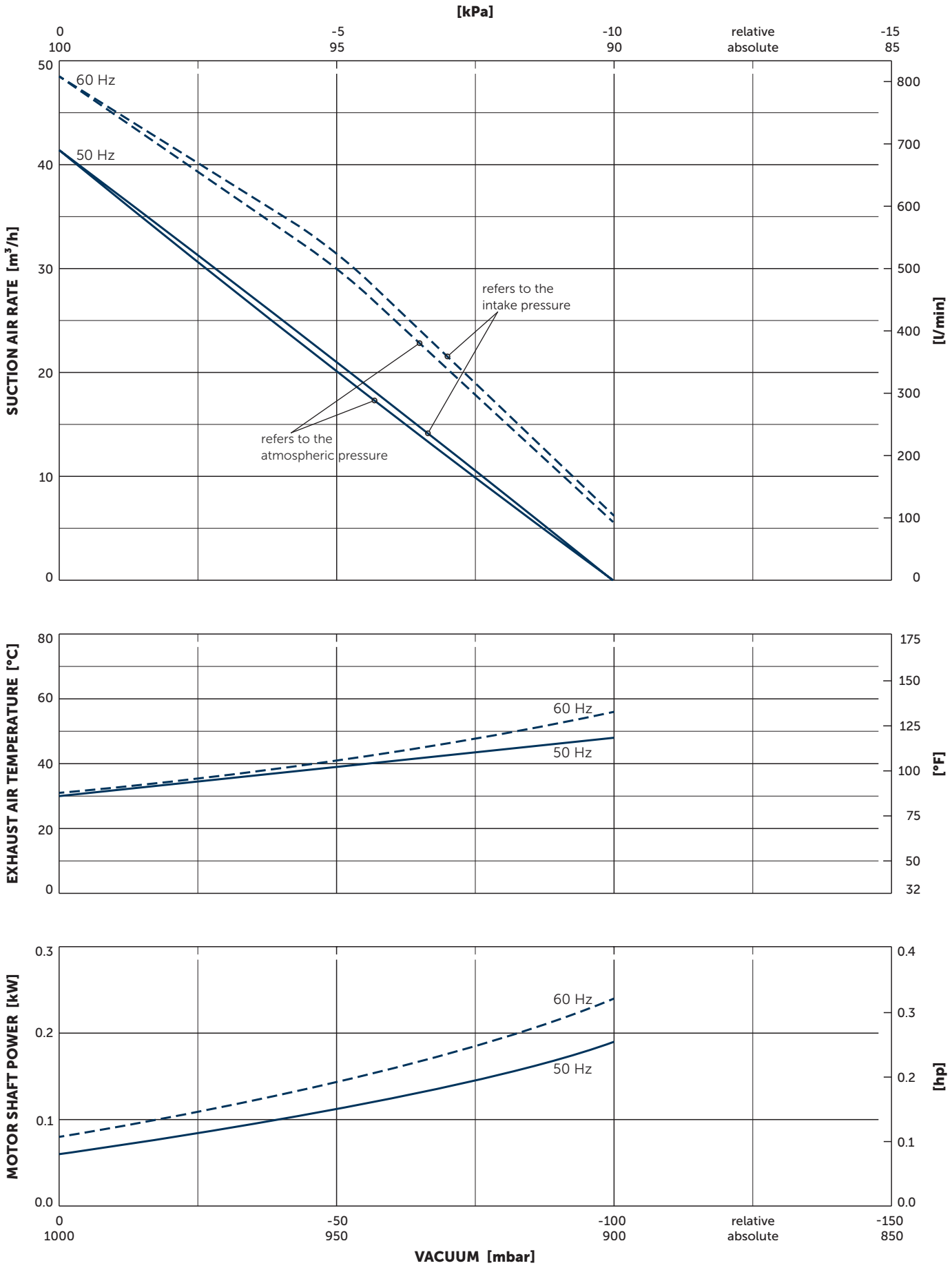
Suction air rate		Vacuum relative		Emission sound pressure level [1]		Weight incl. motor [2]
m^3/h		mbar		dB(A)		kg
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
41	48	-100	-100	62	63	≈8.0

[1] According to DIN EN ISO 3744 (KpA = 3 dB(A)), 1 m [39.4 inch] distance, at medium load, both connection sides piped
[2] Depending on the motor

3~ Motors										h
#	50 Hz					60 Hz				Version	mm
	kW	V		rpm	A	kW	V	rpm	A		[inch]
01	0.18	Δ230/Y400	IE2	2805	0.78/0.45	0.22	Δ265/Y460 Y400	3385 3270	0.80/0.46 0.53	IP55 • ISO F • bimetal	240 [9.5]
02	0.18	Δ400/Y690	IE2	2880	0.61/0.35	0.22	Δ460 Δ400	3470 3425	0.57 0.48	IP55 • ISO F • bimetal	240 [9.5]
03	0.18	175–260/ 300–450		2750	1.25/0.78	0.21	202–300/ 350–520	3250	1.38/0.80	IP54 • ISO F	235.5 [9.3]

1~ Motor										h
#	50 Hz					60 Hz (on request)				Version	mm
	kW	V		rpm	A	kW	V	rpm	A		[inch]
01	0.15	230 ±10%		2750	1.4					IP54 • ISO F 5 µF (400 V)	215.5 [8.5]

- Current consumption and rotation speed may vary. Tolerance in each case -1.5/+2%



Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
Tolerance: ±10%
Temperature: Inlet air 0°C ... 40°C (32°F ... 104°F), Ambient air **3~** -10°C ... 40°C (14°F ... 104°F), Ambient air **1~** 15°C ... 40°C (59°F ... 104°F)

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