DATA SHEET

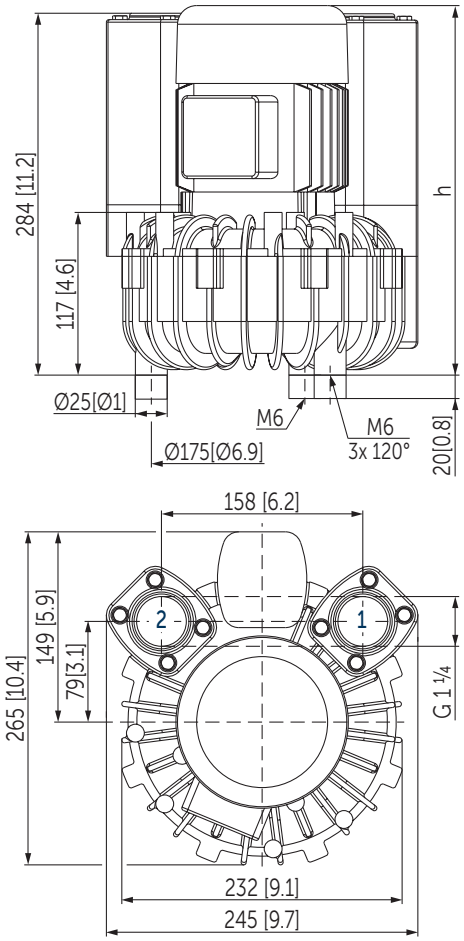
SV 5.90/2
SIDE CHANNEL VACUUM PUMPS

double stage
air-cooled

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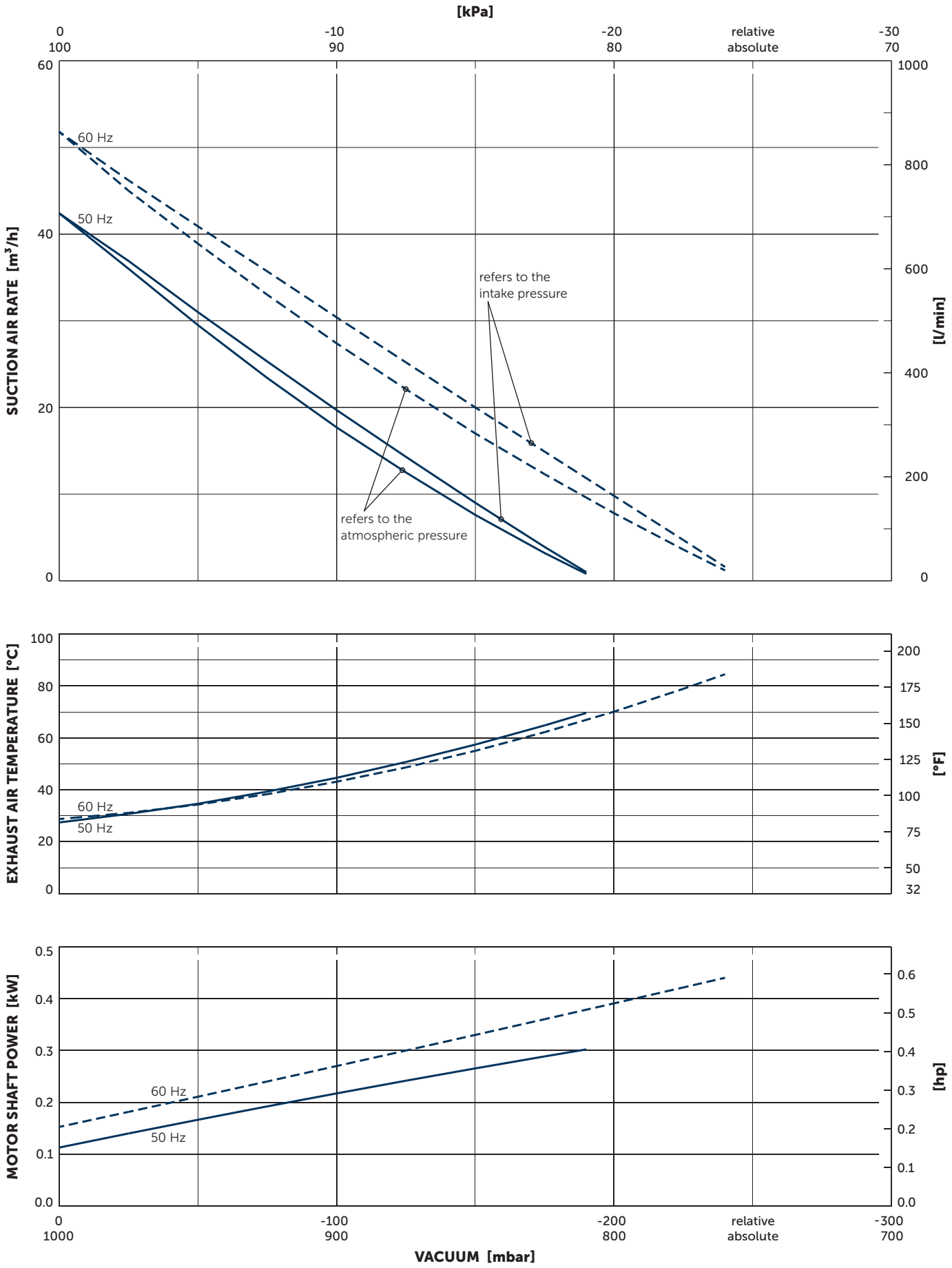
1 Vacuum connection (G1¼)
2 Pressure connection (G1¼)
- Including rubber buffers
- Options: external safety valve, external suction filter, pedestal, increased corrosion protection
- The motor illustration may vary
- Dimensions in mm [inch]

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	
43	50	-230	-240	62	64	≈13.0

3~ Motors											h
#	50 Hz					60 Hz				Version	mm
	kW	V		rpm	A	kW	V	rpm	A		[inch]
01	0.37	Δ230/Y400	IE2	2810	1.65/0.95	0.44	Δ265/Y460 Δ230/Y400 Δ208	3400 3300 3100	1.60/0.92 1.82/1.05 1.90	IP55 • ISO F • bimetal	291 [11.5]
02	0.37	310–460/ 180–265		2700	1.2/2.1	0.44	370–530/ 215–310	3200	1.2/2.1	IP55 • ISO F	286 [11.3]

1~ Motor										h
#	50 Hz				60 Hz				Version	mm
	kW	V	rpm	A	kW	V	rpm	A		[inch]
01	0.37	220–240	2830	3.0/3.6	0.44	220–240	3420	3.0/3.6	IP55 • ISO F	286 [11.3]

[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
- 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: 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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