DATA SHEET

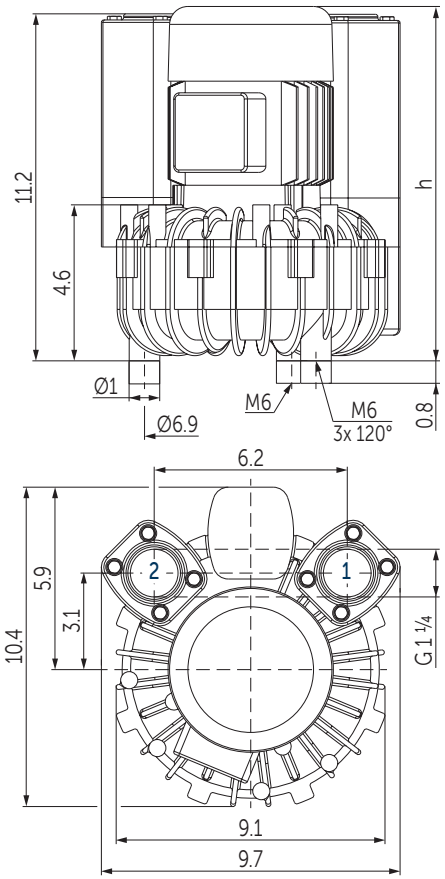
SV 5.90/2
SIDE CHANNEL VACUUM PUMPS

double stage
air-cooled

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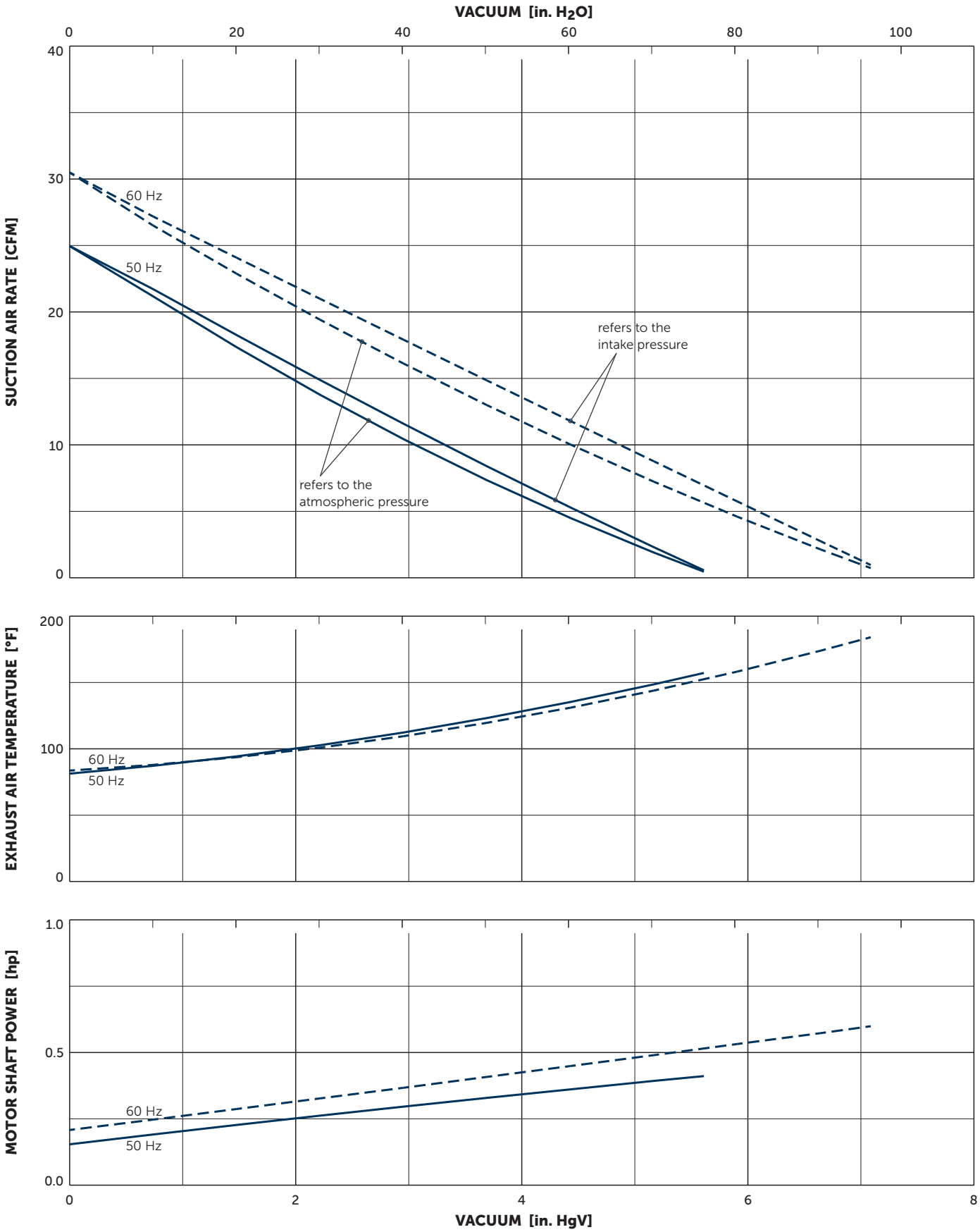
1 Vacuum connection (G1¼)
2 Pressure connection (G1¼)
- Including rubber buffers
- Options: external safety valve, external suction filter, pedestal, increased corrosion protection
- The motor illustration may vary
- Dimensions in inch

Suction air rate		Vacuum				Emission sound pressure level [1]		Weight incl. motor [2]
CFM		in. H_2O		in. HgV		dB(A)		lbs
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
25	31	76.4	96,5	5.6	7.1	62	64	≈28.7

3~ Motors										h
#	50 Hz				60 Hz				Version	
	hp	V		rpm	A	hp	V	rpm	A		inch
01	0.5	Δ230/Y400	IE2	2810	1.65/0.95	0.6	Δ265/Y460 Δ230/Y400 Δ208	3400 3300 3100	1.60/0.92 1.82/1.05 1.90	IP55 • ISO F • bimetal	11.5
02	0.5	310–460/ 180–265		2700	1.2/2.1	0.6	370–530/ 215–310	3200	1.2/2.1	IP55 • ISO F	11.3

1~ Motor									h
#	50 Hz				60 Hz			Version	
	hp	V	rpm	A	hp	V	rpm	A		inch
01	0.5	220–240	2830	3.0/3.6	0.6	220–240	3420	3.0/3.6	IP55 • ISO F	11.3

[1] According to DIN EN ISO 3744 (KpA = 3 dB(A)), 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): 0 in. HgV, 68°F; Tolerance: ±10%
Temperature: Inlet air 32°F ... 104°F, Ambient air **3**~ 14°F ... 104°F, Ambient air **1**~ 59°F ... 104°F

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