DATA SHEET

SV 700/1-7XXXX

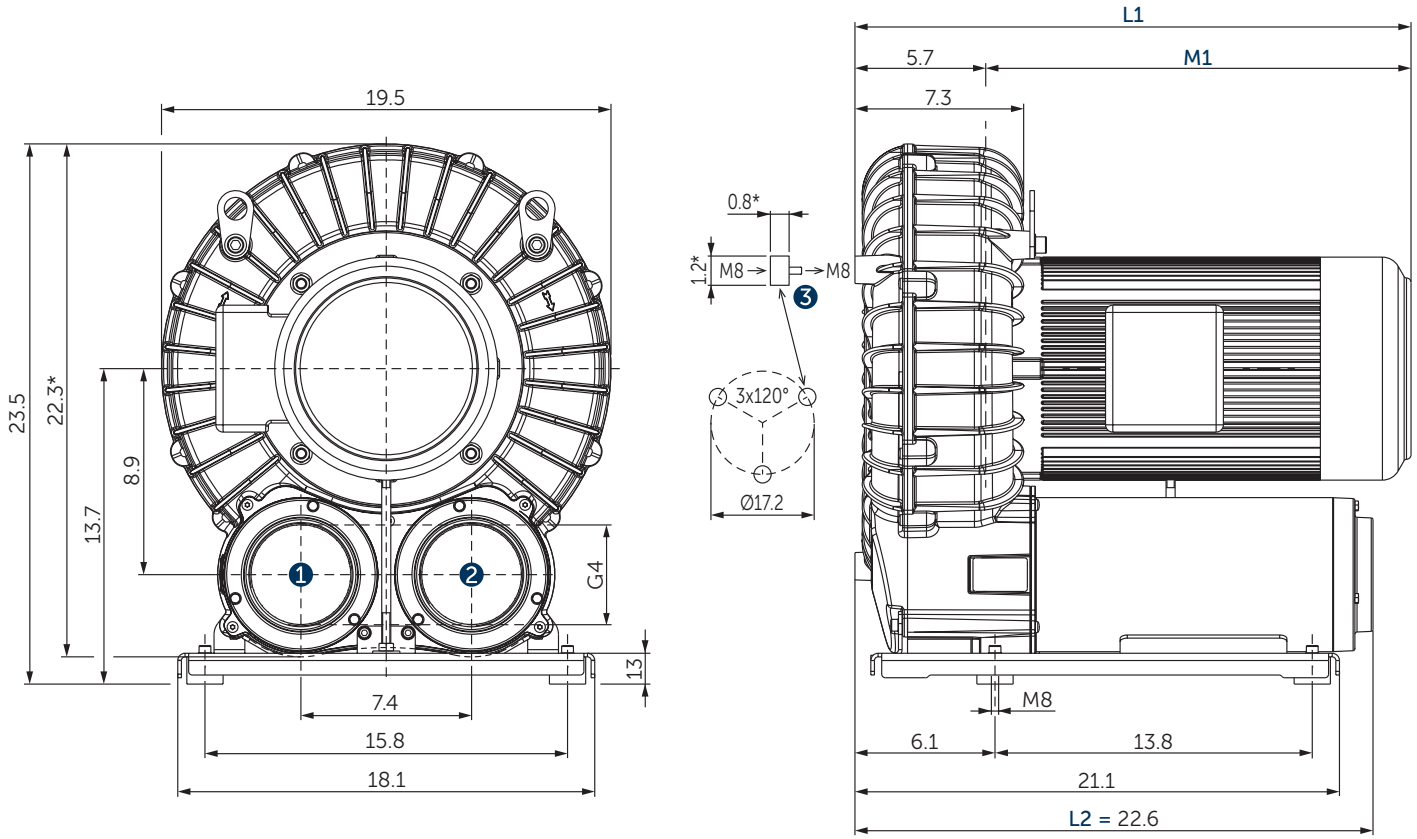
SIDE CHANNEL VACUUM PUMPS

single stage
air-cooled

MAKE IT BECKER.



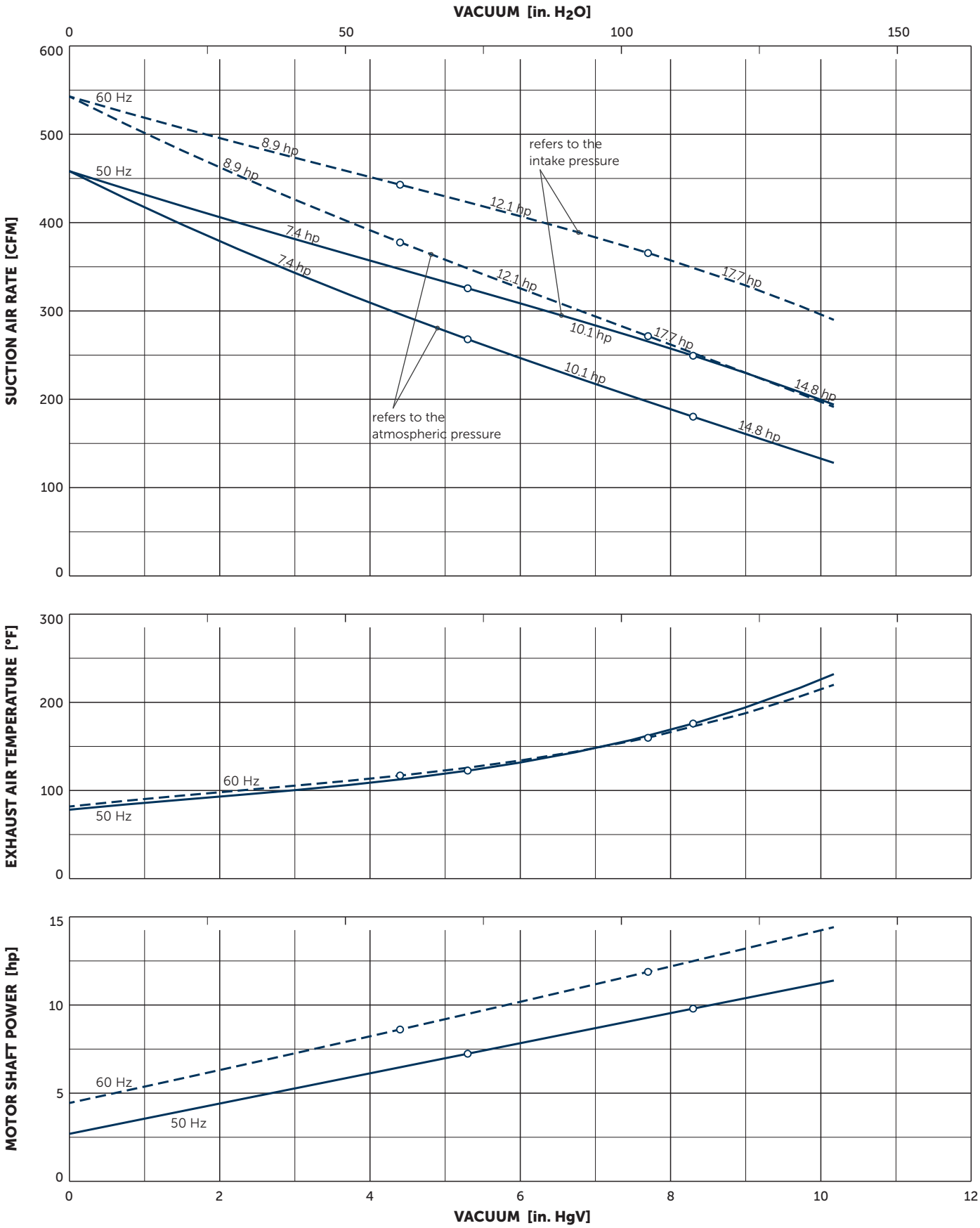
BECKER



1 Vacuum connection (G4)
2 Pressure connection (G4)
3 Rubber buffer position (optional)
L Blower length L1 with motor and L2 without motor.
L1 and M1 are variable, see separate motor specification sheet. ➝ The total blower length is L1 or L2.
* Device dimensions without pedestal under the silencer, with rubber buffers on the enclosure cover
▪ The motor illustration may vary
▪ Dimensions in inch

Suction air rate		Vacuum				Installed motor power		Emission sound pressure level[1]		Weight with motor
CFM		in. H_2O		in. HgV		hp		dB(A)		lbs
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
450	539	72.4	60.3	5.3	4.4	7.4	8.9	66 (54.3 in. H_2O)	68 (46.2 in. H_2O)	196.2
450	539	112.6	104.5	8.3	7.7	10.1	12.1	69 (76.4 in. H_2O)	74 (76.4 in. H_2O)	249.2
450	539	136.7	136.7	10.0	10.0	14.8	17.7	70 (92.5 in. H_2O)	74 (92.5 in. H_2O)	262.4

[1] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
39.4 inch distance, at medium load, both connection sides piped



Reference data (atmosphere): 0 in. HgV, 68°F
Tolerance: ±10%

Right of modification reserved 2023-08-17

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