

DATA SHEET

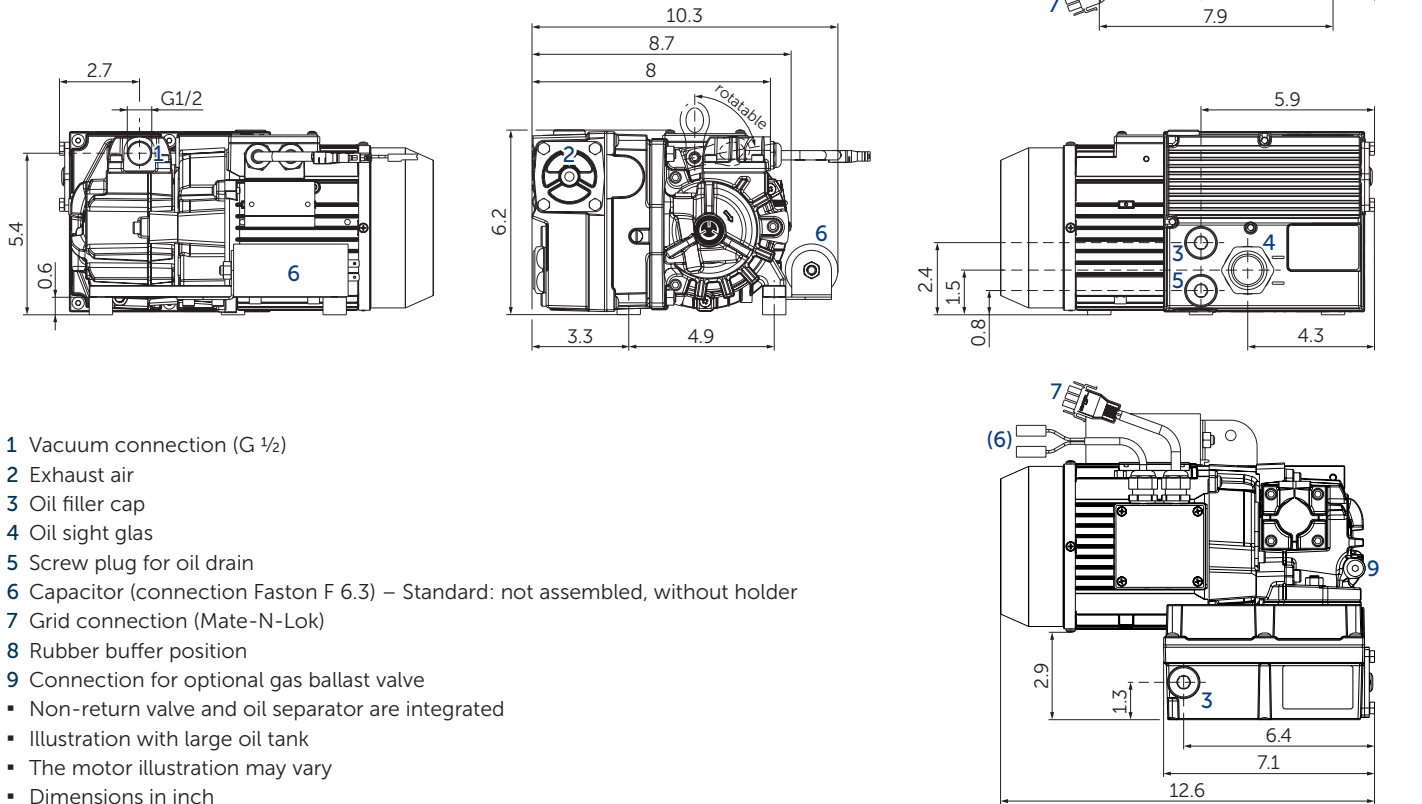
O 5.16

ROTARY VANE VACUUM PUMPS

oil-lubricated
air-cooled

MAKE IT BECKER.





- 1 Vacuum connection (G 1/2)
- 2 Exhaust air
- 3 Oil filler cap
- 4 Oil sight glass
- 5 Screw plug for oil drain
- 6 Capacitor (connection Faston F 6.3) – Standard: not assembled, without holder
- 7 Grid connection (Mate-N-Lok)
- 8 Rubber buffer position
- 9 Connection for optional gas ballast valve
 - Non-return valve and oil separator are integrated
 - Illustration with large oil tank
 - The motor illustration may vary
 - Dimensions in inch

Nominal capacity		Vacuum		Emission sound pressure level ¹⁾		Weight incl. motor	Oil	
CFM		Torr		dB(A)		lbs	US gal.	Becker Lube ²⁾
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz			
9.4	11.2	1.5	1.5	60.5	67	≈39.7/43.0 ³⁾	0.08/0.13 ³⁾	M 68 / M 32(mineral) S 68 / S 32(synthetic) SL 68 / SL 32(food)

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, vacuum connection piped, exhaust side open

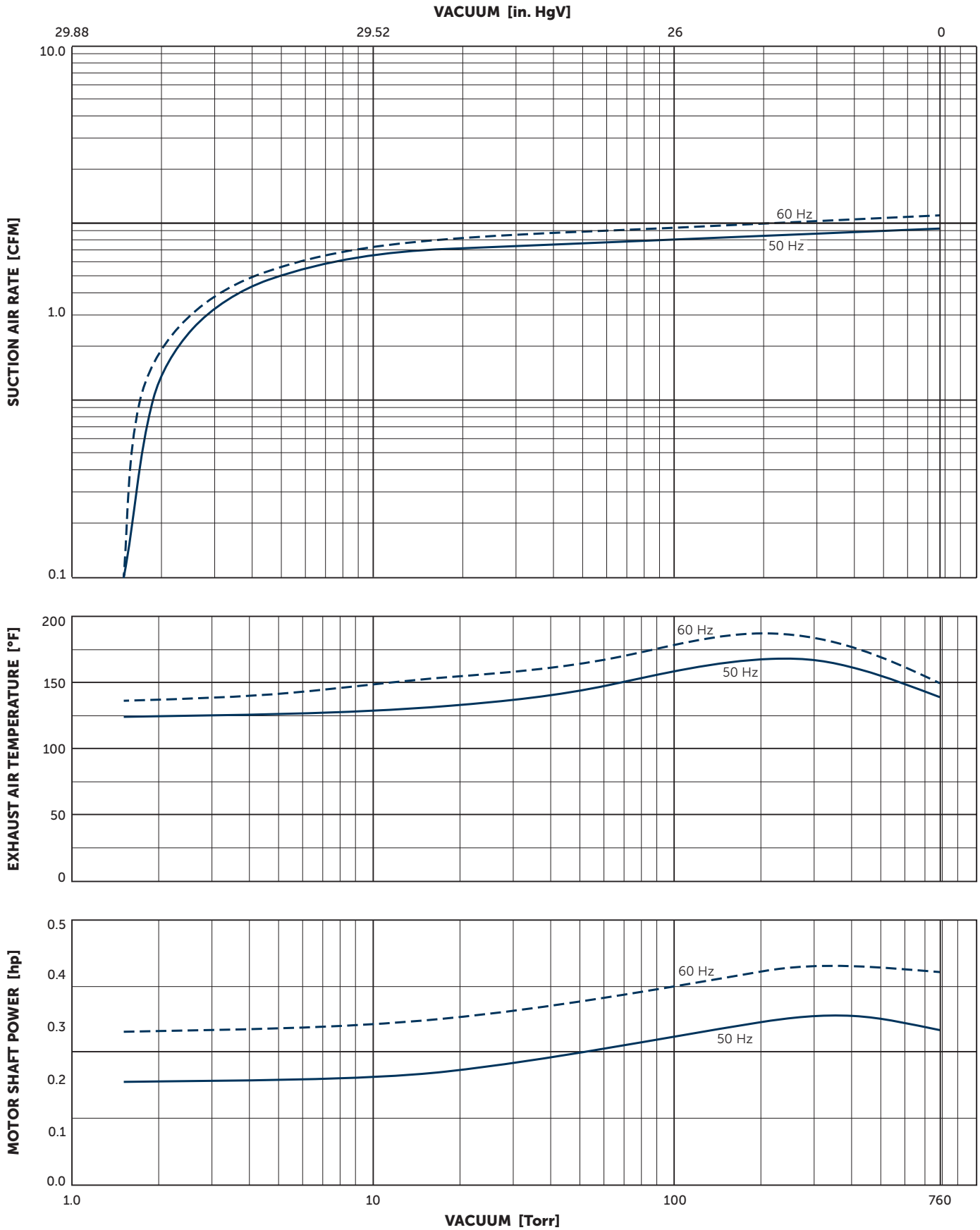
²⁾ See operating instructions

³⁾ Small/large oil tank

1~ Motors										
#	50 Hz				60 Hz				Version	Weight lbs
	hp	V	rpm	A	hp	V	rpm	A		
01	0.74	220–240	2745–2790	3.9–3.9			–		IP 55 • ISO F • bimetal capacitor 30 µF (450V)	22.3
02	0.74	220–240	2790	3.7	0.89	220–240	3270	4.7	IP 55 • ISO F • bimetal capacitor 30 µF (450V)	44.1
03	0.74	100–110	2770–2810	9.0–8.9	0.89	100–120	3240–3370	10.4–9.3	IP 55 • ISO F • bimetal capacitor 100 µF (330V)	23.8

3~ Motors										
#	50 Hz				60 Hz				Version	Weight lbs
	hp	V	rpm	A	hp	V	rpm	A		
04	0.74	Δ230/Y400	2890	2.6/1.5	0.89	Δ265/Y460	3470	2.6/1.5	IP55 • ISO F • bimetal	20.5
						Δ230/Y400	3420	2.6/1.5		
05	0.74	Δ200/Y350	2880	2,9/1,7	0.89	Δ200/Y350	3410	3,1/1,8	IP55 • ISO F • bimetal	20.5
						Δ220/Y380	3450	2,9/1,7		
						Y400	3460	1,7		

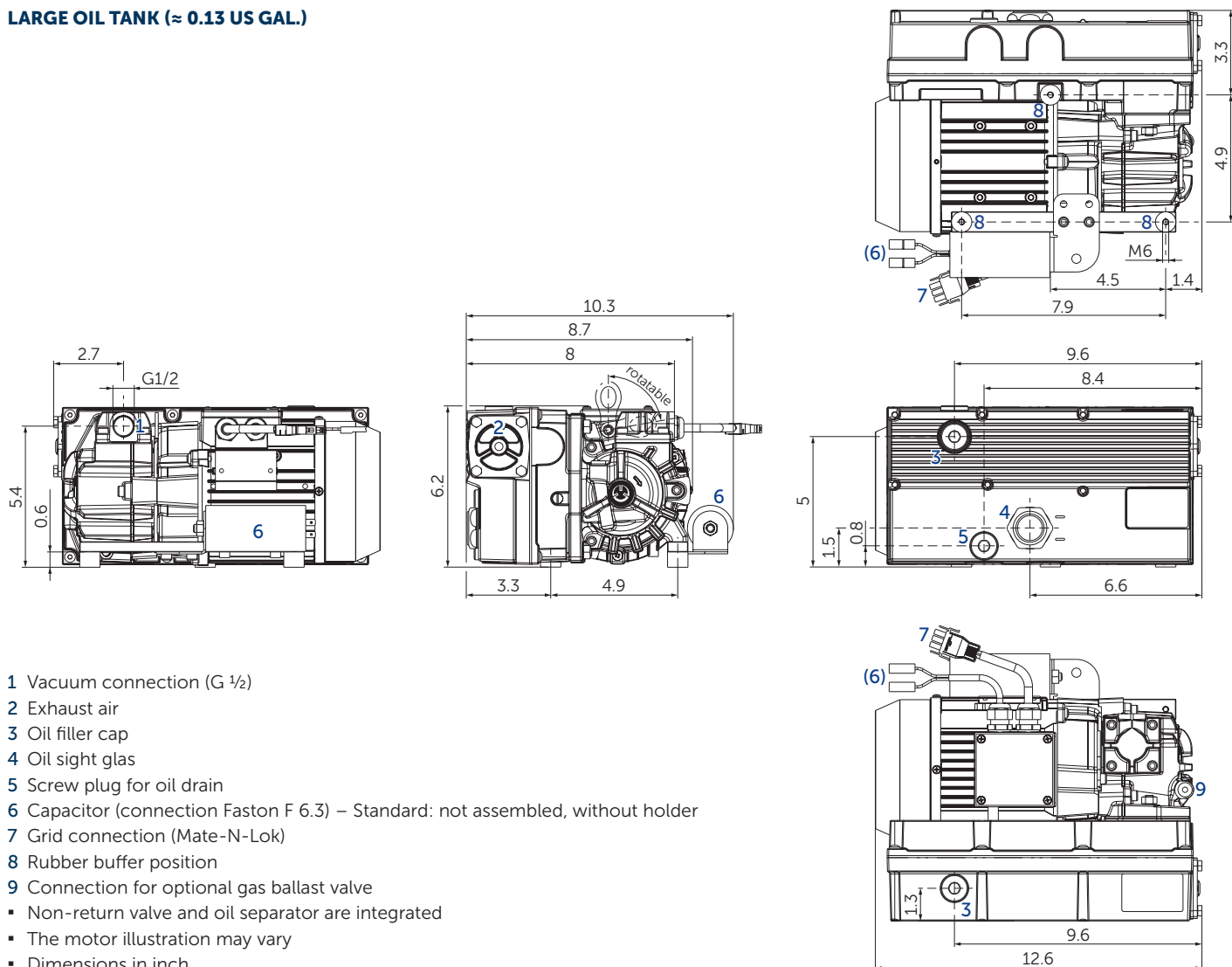
- Current consumption and rotation speed may vary. Tolerance in each case -1.5/+2%



Suction air rate refers to the intake pressure
 Reference data (atmosphere): 0 in. HgV, 68°F; Tolerance: ±10%

+ VARIANTS AND ACCESSORIES

LARGE OIL TANK (≈ 0.13 US GAL.)



GAS BALLAST VALVE

- Version for small amounts of moisture, vacuum <3 mbar
- Version for higher amounts of moisture, vacuum <20 mbar

CAPACITOR HOLDER

- O5.21-73 (№ 01460064300) – see drawings

BECKER LUBE¹⁾

- M 68** mineral
- S 68** synthetic
- SL 68** food
- M 32** mineral
- S 32** synthetic
- SL 32** food

¹⁾ See operating instructions



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