

DATA SHEET

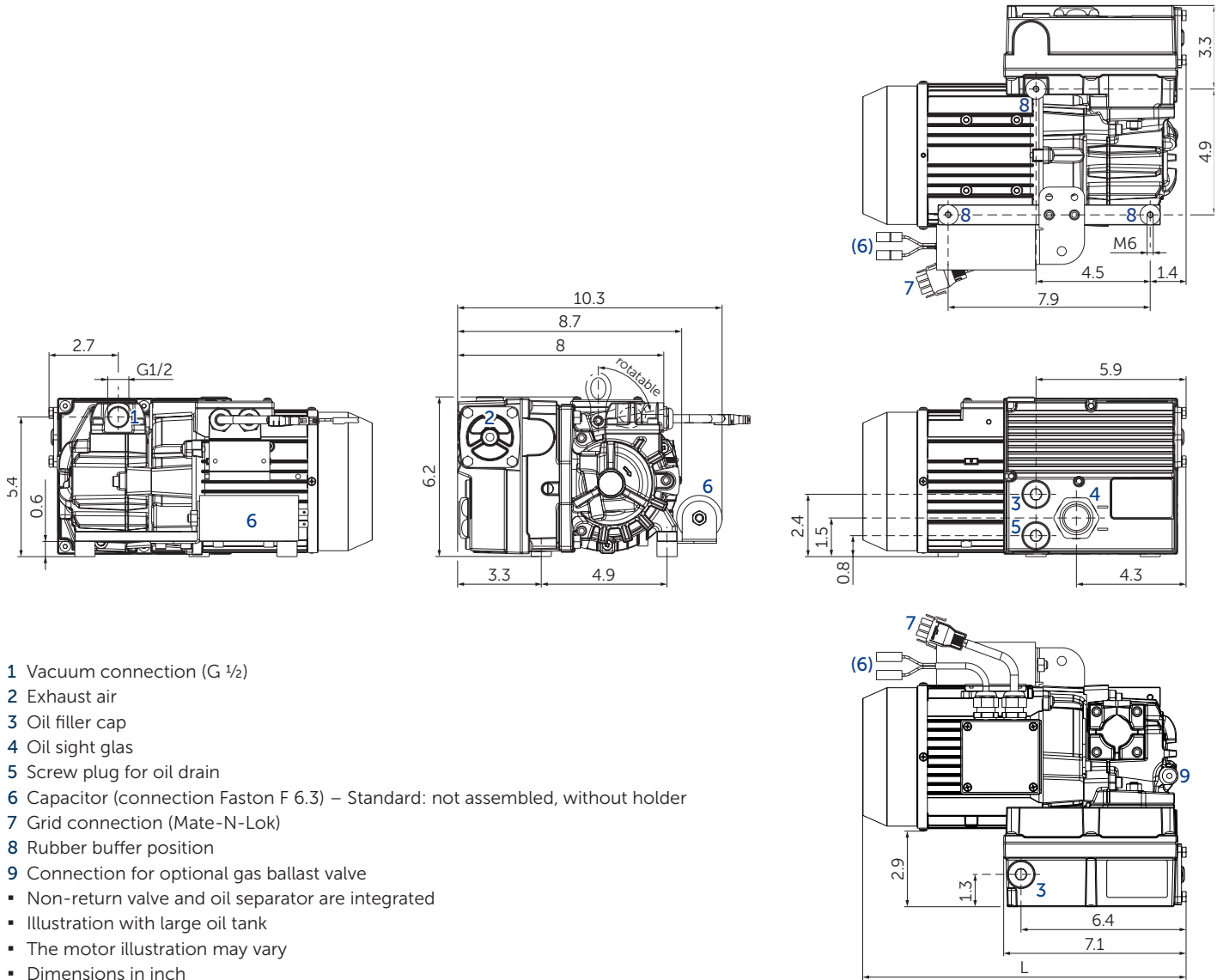
Ø 5.10

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 glas
- 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			
6.2	7.4	1.5	1.5	58.5	64	≈37.5/40.8 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

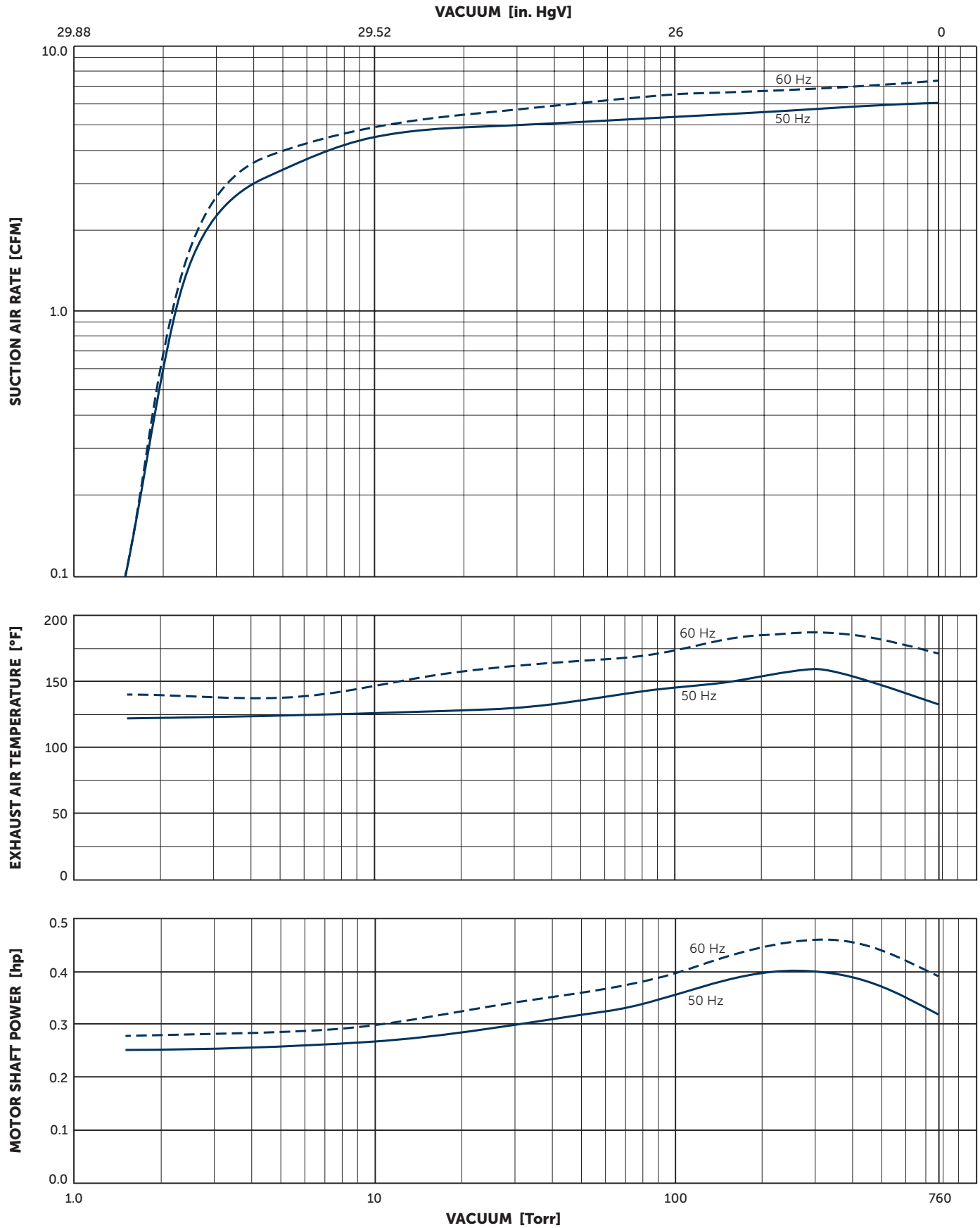
²⁾ See operating instructions

³⁾ Small/large oil tank

1~ Motors											L
#	50 Hz				60 Hz				Version	Weight lbs	inch
	hp	V	rpm	A	hp	V	rpm	A			
01	0.5	220–240	2700–2790	2.7–2.6			–		IP55 • ISO F • bimetal capacitor 20 µF (450V)	18.1	11.5
02	0.5	220–240	2790–2820	2.5	0.6	220–240	3270–3340	3.2	IP55 • ISO F • bimetal capacitor 20 µF (450V)	20.7	12.6
03	0.5	100–110	2790–2820	6.0–6.2	0.6	100–120	3270–3380	7.1–6.8	IP55 • ISO F • bimetal capacitor 100 µF (330V)	20.8	12.6
04	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	12.6

1~ Motors											L
#	50 Hz				60 Hz				Version	Weight lbs	inch
	hp	V	rpm	A	hp	V	rpm	A			
05	0.5	Δ230/Y400	2860	1.7/1.0	0.6	Δ265/Y460	3440	1.7/1.0	IP55 • ISO F • bimetal	17	11.5
						Δ230/Y400	3370	1.9/1.1			
06	0.5	Δ200/Y350	2860	2,1/1,2	0.6	Δ200/Y350	3380	2,3/1,3	IP55 • ISO F • bimetal	17	11.5
						Δ220/Y380 Y400	3410 3430	2,1/1,2 1,2			

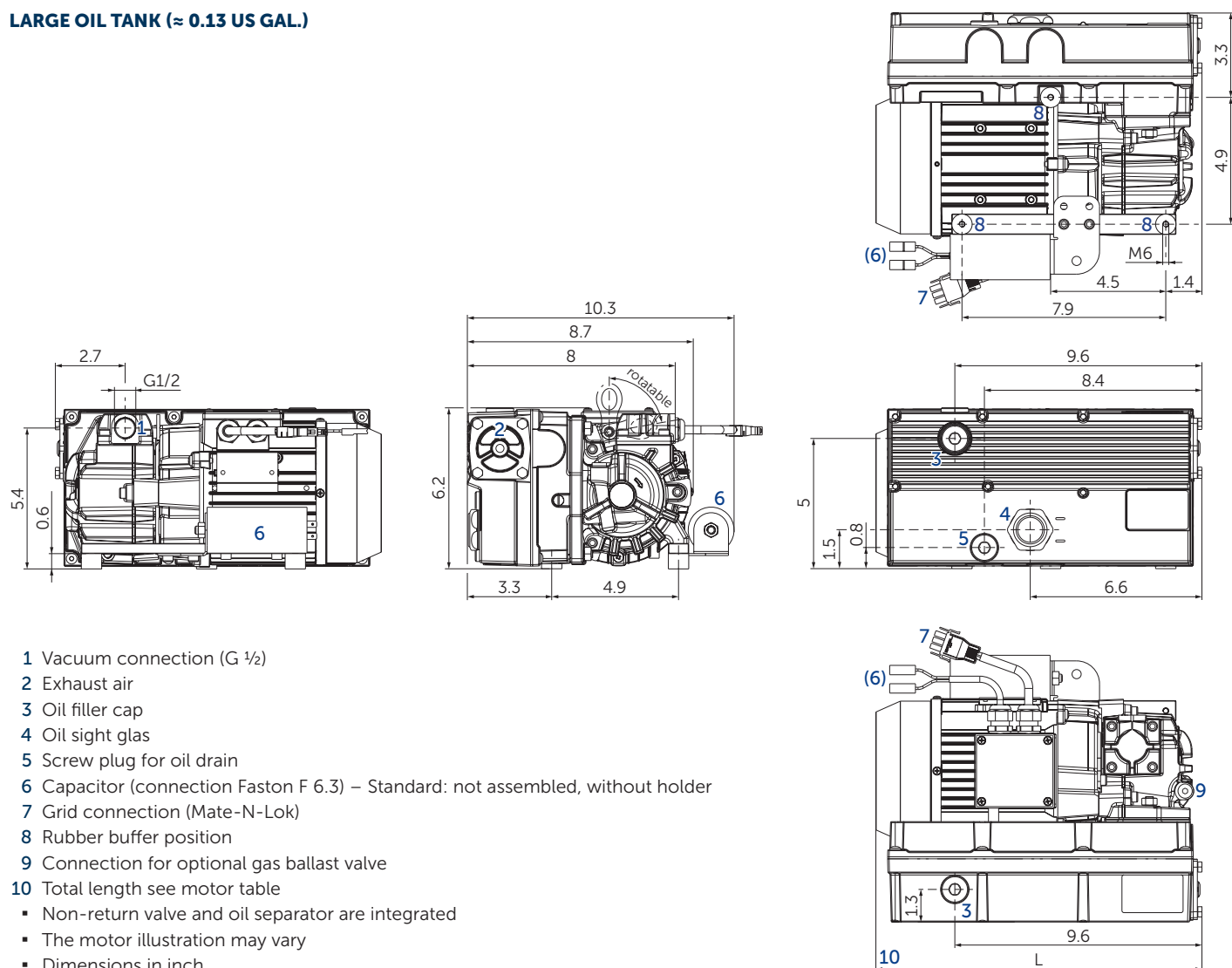
- Current consumption and rotation speed may vary. Tolerance in each case -1.5/+2%



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

+ VARIANTS AND ACCESSORIES

LARGE OIL TANK (≈ 0.13 US GAL.)



- 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
- 10 Total length see motor table
 - Non-return valve and oil separator are integrated
 - The motor illustration may vary
 - Dimensions in inch

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 (Nº 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



MAKE IT BECKER.