

DATA SHEET

Ø 5.10

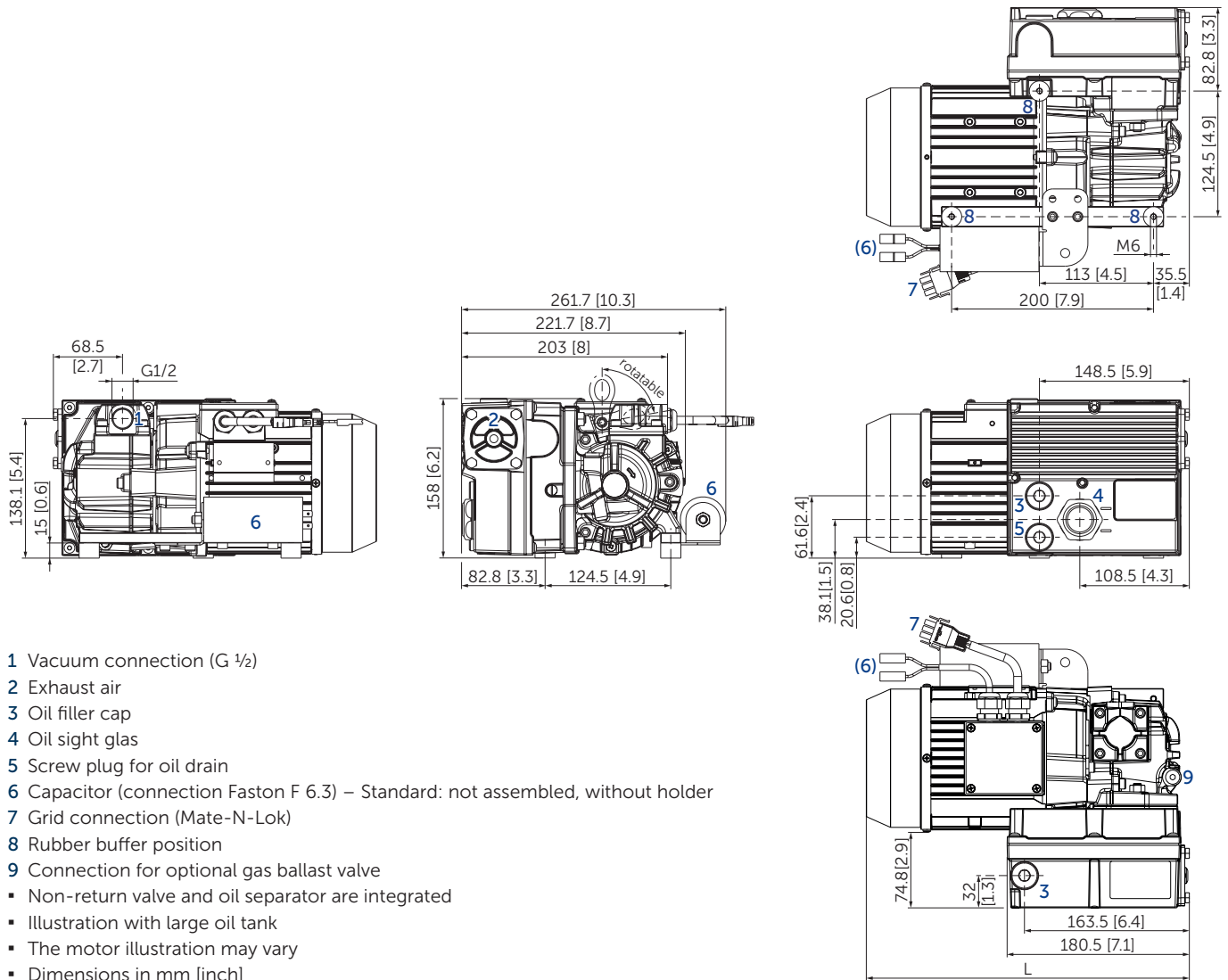
ROTARY VANE VACUUM PUMPS

oil-lubricated

air-cooled

MAKE IT BECKER.





- 1 Vacuum connection (G 1/2)
 - 2 Exhaust air
 - 3 Oil filler cap
 - 4 Oil sight 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 mm [inch]

Nominal capacity		Vacuum absolute		Emission sound pressure level ¹⁾		Weight incl. motor	Oil	
m ³ /h		mbar		dB(A)		kg	l	Becker Lube ²⁾
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz			
10.5	12.5	2	2	58.5	64	≈17.0/18.5 ³⁾	0.3/0.5 ³⁾	M 68 / M 32 (mineral) S 68 / S 32 (synthetic) SL 68 / SL 32 (food)

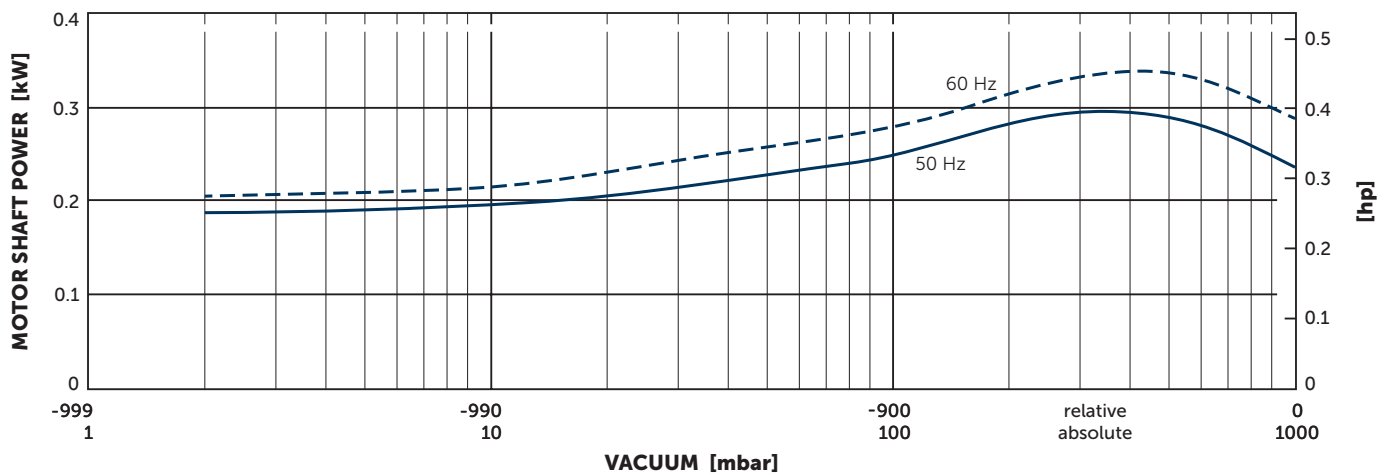
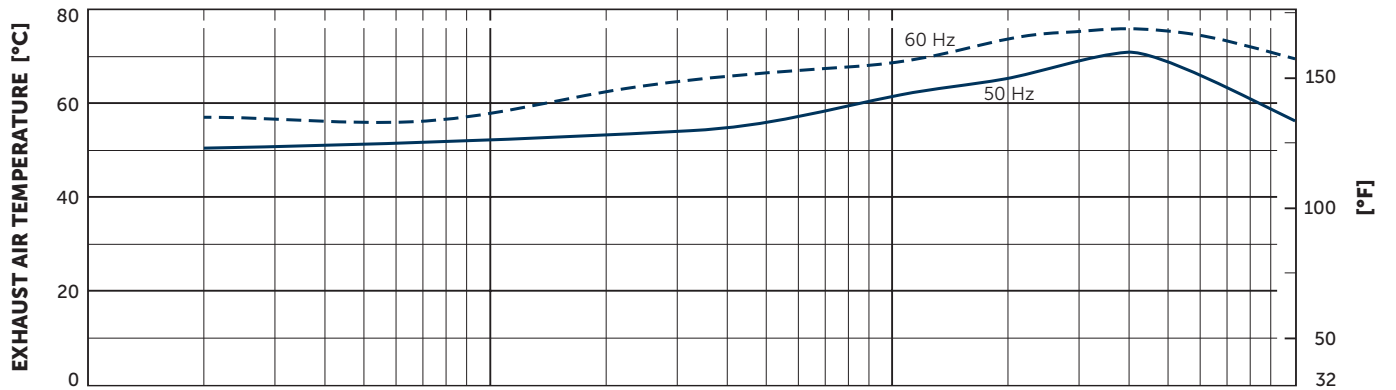
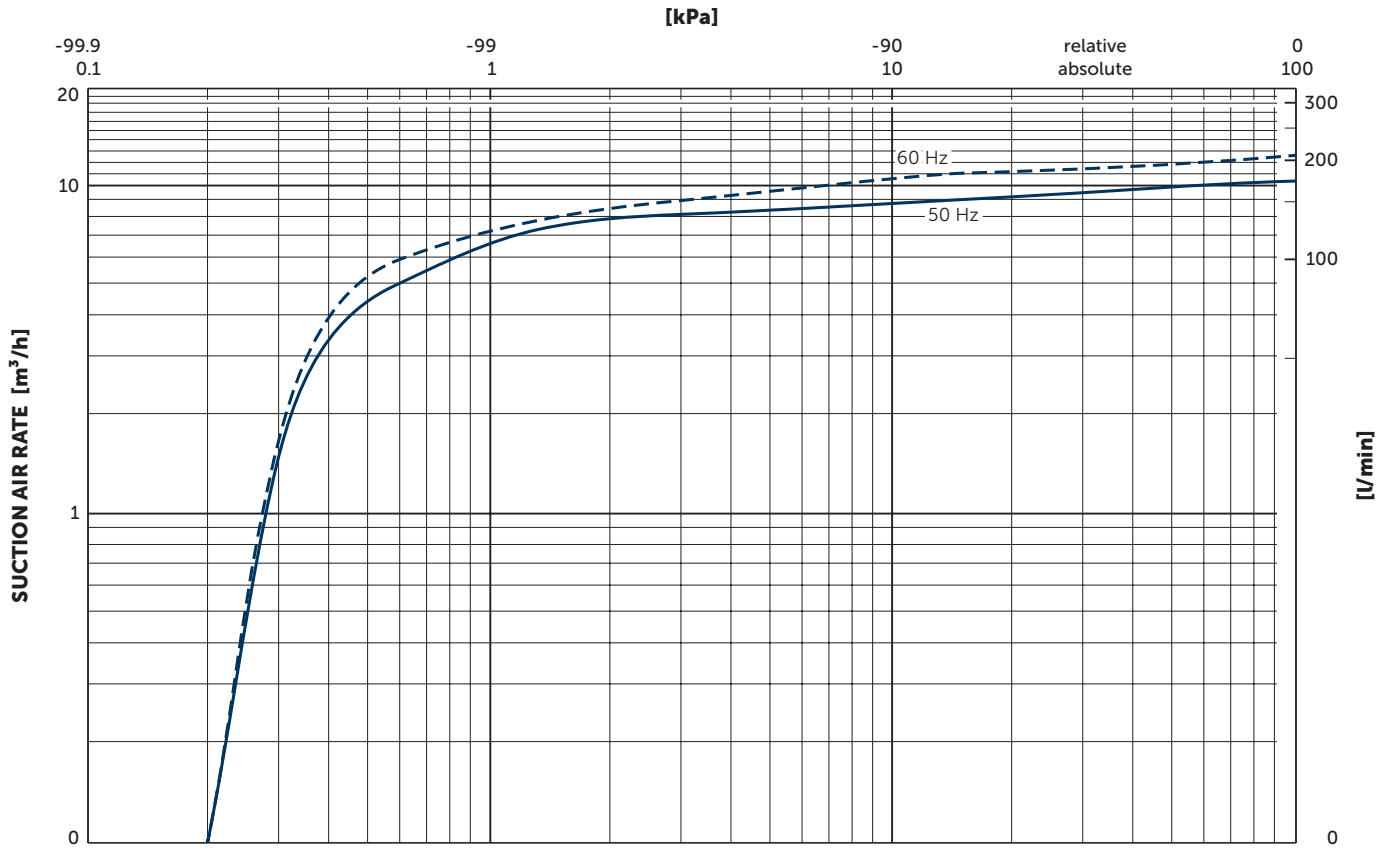
¹⁾ According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
1 m [39.4 inch] distance, at medium load, vacuum connection piped, exhaust side open

²⁾ See operating instructions

³⁾ Small/large oil tank

1~ Motors											L
#	50 Hz				60 Hz				Version	Weight kg	mm [inch]
	kW	V	min ⁻¹	A	kW	V	min ⁻¹	A			
01	0.37	220–240	2700–2790	2.7–2.6			–		IP 55 • ISO F • bimetal capacitor 20 µF (450V)	8.20	291 [11.5]
02	0.37	220–240	2790–2820	2.5	0.45	220–240	3270–3340	3.2	IP 55 • ISO F • bimetal capacitor 20 µF (450V)	9.40	320 [12.6]
03	0.37	100–110	2790–2820	6.0–6.2	0.45	100–120	3270–3380	7.1–6.8	IP 55 • ISO F • bimetal capacitor 100 µF (330V)	9.42	320 [12.6]
04	0.55	100–110	2770–2810	9.0–8.9	0.66	100–120	3240–3370	10.4–9.3	IP 55 • ISO F • bimetal capacitor 100 µF (330V)	10.8	320 [12.6]

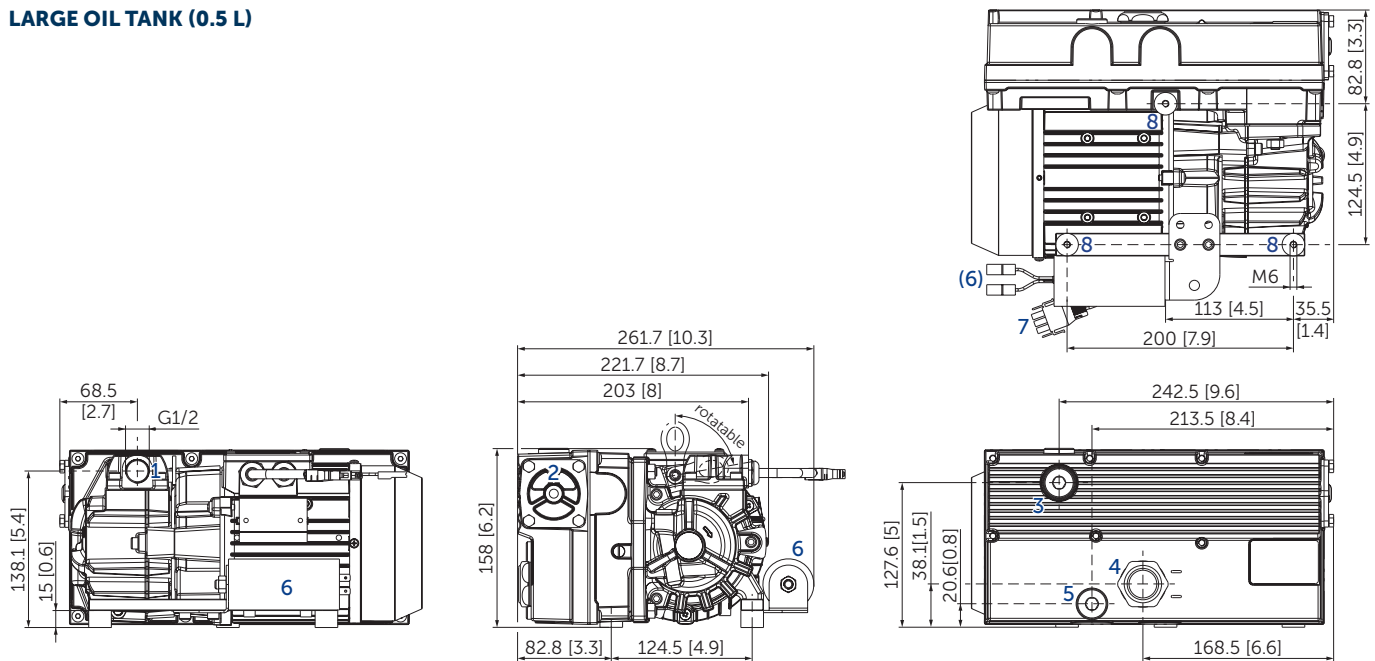
3~ Motors											L
#	50 Hz				60 Hz				Version	Weight kg	mm [inch]
	kW	V	min ⁻¹	A	kW	V	min ⁻¹	A			
05	0.37	Δ230/Y400	2860	1.7/1.0	0.45	Δ265/Y460	3440	1.7/1.0	IP55 • ISO F • bimetal	7.7	291 [11.5]
						Δ230/Y400	3370	1.9/1.1			
06	0.37	Δ200/Y350	2860	2.1/1.2	0.45	Δ200/Y350	3380	2.3/1.3	IP55 • ISO F • bimetal	7.7	291 [11.5]
						Δ220/Y380 Y400	3410 3430	2.1/1.2 1.2			



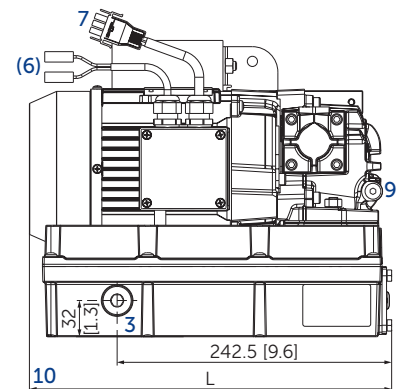
Suction air rate refers to the intake pressure
 Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
 Tolerance: ±10%

+ VARIANTS AND ACCESSORIES

LARGE OIL TANK (0.5 L)



- 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 mm [inch]



GAS BALLAST VALVE

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

HOLDER FOR THE CAPACITOR

- O5.21-73 (N^o 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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