

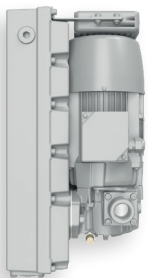
DATA SHEET

Ø 5.25 (XL K)

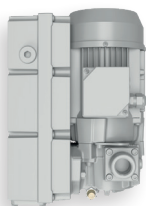
ROTARY VANE VACUUM PUMPS

oil-lubricated
air-cooled

MAKE IT BECKER.



Ø 5.25 XL K

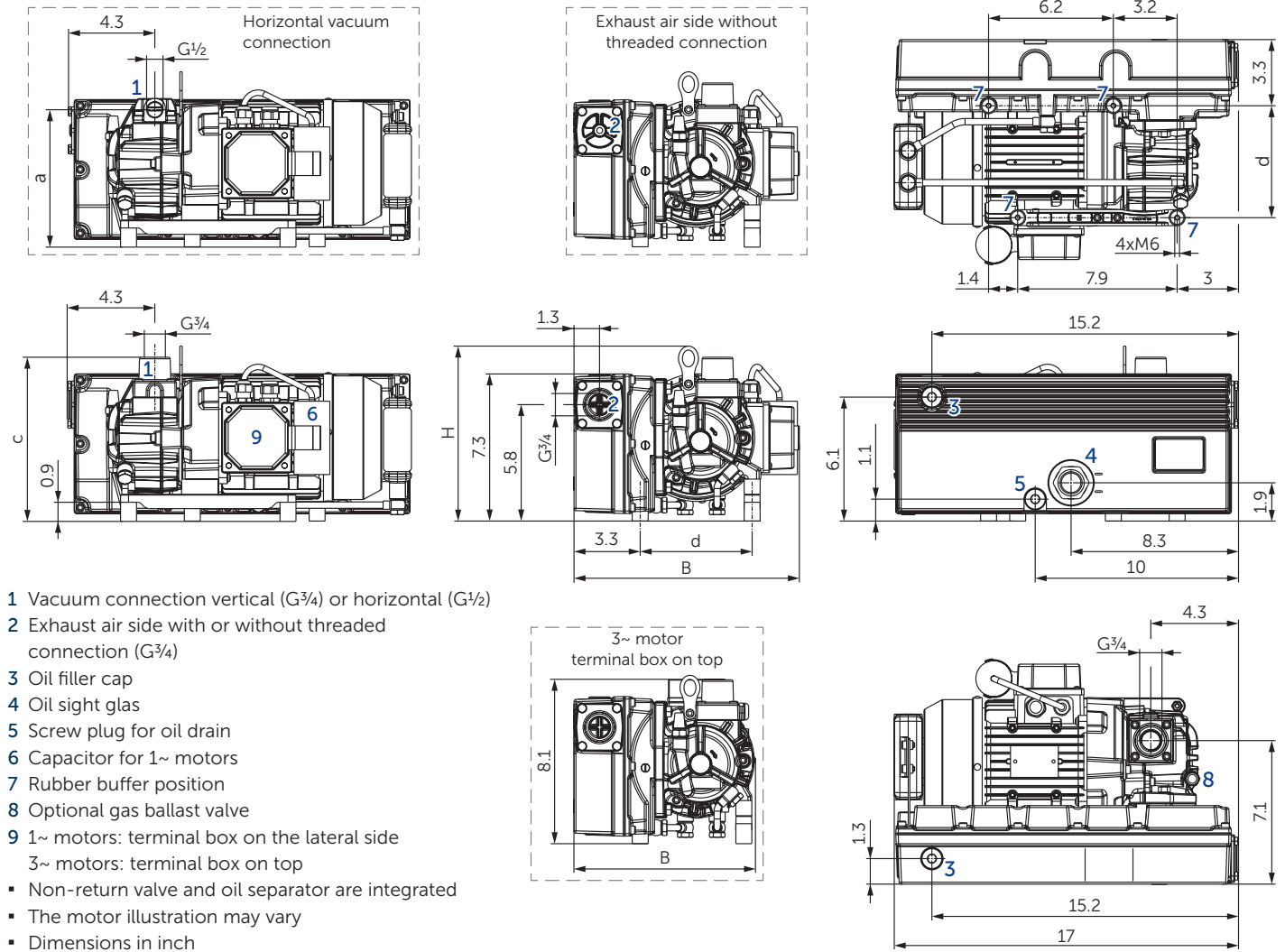


Ø 5.25



O 5.25 XL K WITH 0.26 US GAL. TANK AND OIL-AIR COOLER

- Including motors without Mate-N-Lok power connection



- 1 Vacuum connection vertical (G $\frac{3}{4}$) or horizontal (G $\frac{1}{2}$)
 - 2 Exhaust air side with or without threaded connection (G $\frac{3}{4}$)
 - 3 Oil filler cap
 - 4 Oil sight glass
 - 5 Screw plug for oil drain
 - 6 Capacitor for 1~ motors
 - 7 Rubber buffer position
 - 8 Optional gas ballast valve
 - 9 1~ motors: terminal box on the lateral side
3~ motors: terminal box on top
- Non-return valve and oil separator are integrated
 - The motor illustration may vary
 - Dimensions in inch

Motor	a	B	c	d	H
1~	6.73	11.1	8.11	5.5	8.6
3~	6.67	9	8.05	5.1	8.3

	Nominal capacity		Vacuum		Emission sound pressure level ¹⁾		Weight incl. motor	Oil (Oil tank)
	CFM		Torr		dB(A)			
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	lbs	US gal.
O 5.25 XL K	15.3	17.6	1.5	1.5	63	63	≈54.0	0.26
O 5.25	15.3	17.6	1.5	1.5	63	66	≈48.5	0.13

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

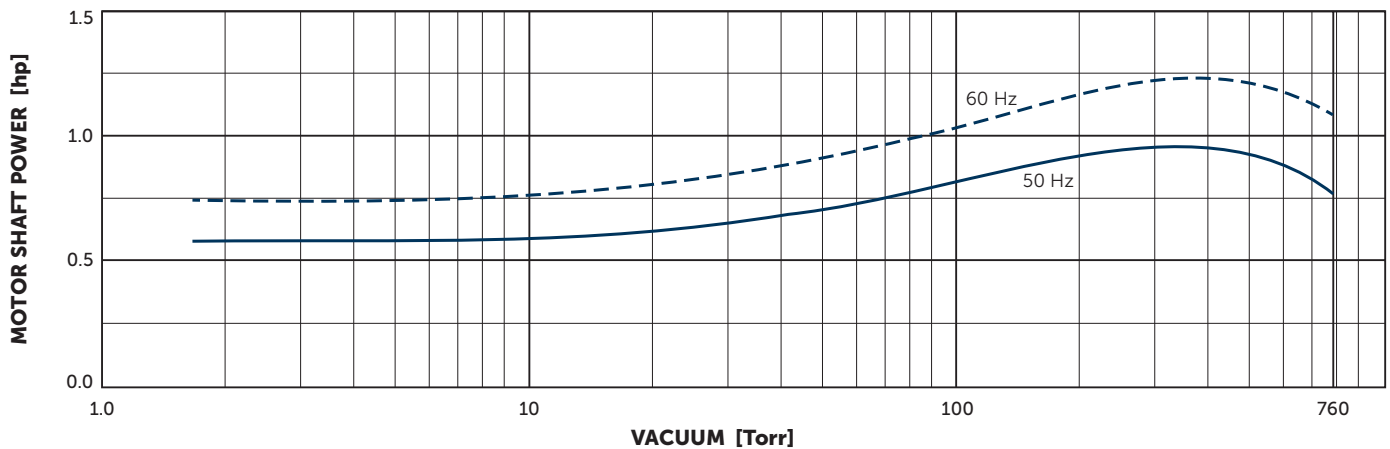
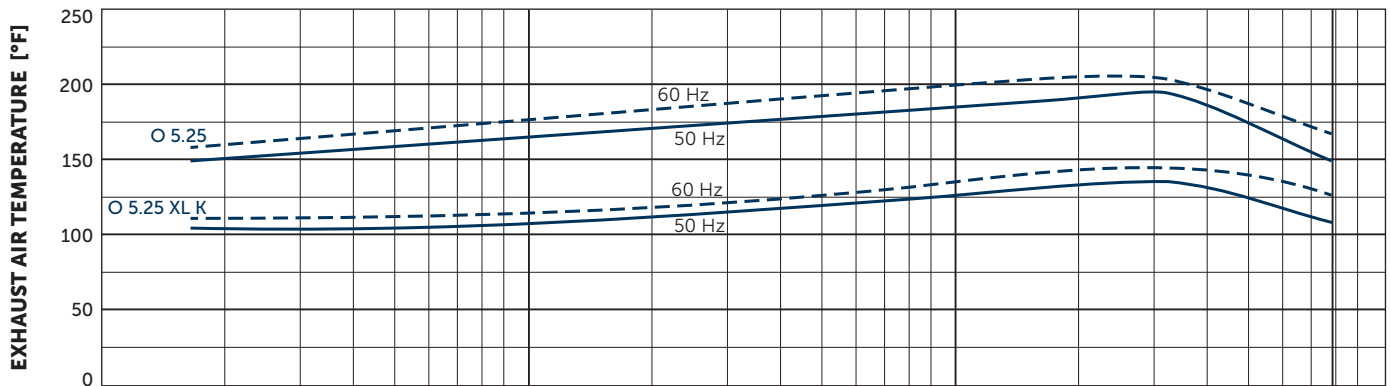
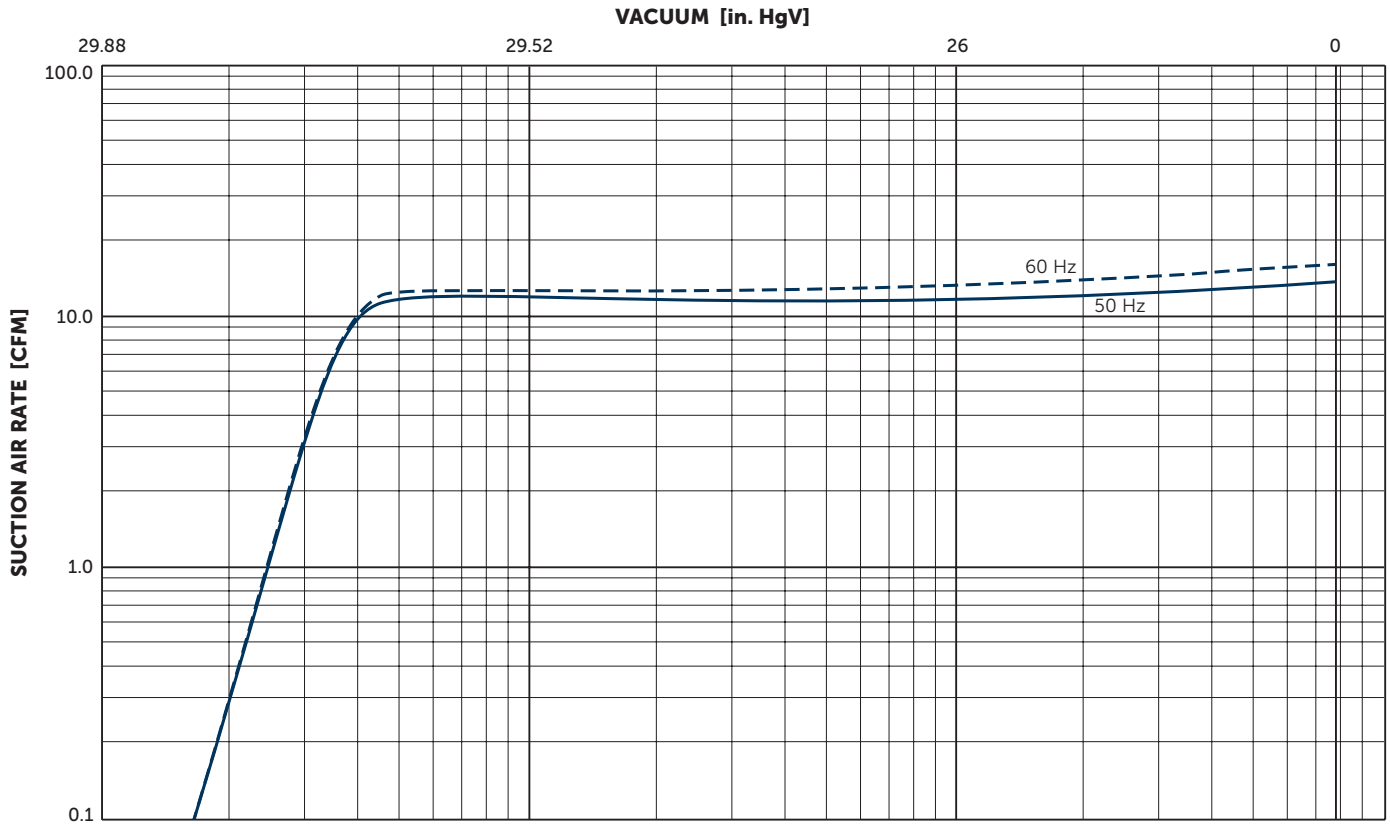
1~ Motors										
#	50 Hz				60 Hz				Version	Weight lbs
	hp	V	rpm	A	hp	V	rpm	A		
01	1.0	220–240	2800–2830	5.0–5.1	1.2	220–240	3300–3360	6.2–5.9	IP 55 • ISO F • bimetal capacitor 35 µF (450V) motor size BG 80	30.6
02	1.0	100–110	2800–2840	11.3–11.7	1.2	100–120	3250–3400	13.4–11.6	IP 55 • ISO F • bimetal capacitor 100 µF (330V) motor size BG 80	29,1

1~ Motors with Mate-N-Lok power connection										
#	50 Hz				60 Hz				Version	Weight kg
	hp	V	rpm	A	hp	V	rpm	A		
03	1.0	220–240	2800–2830	5.0–5.1	1.2	220–240	3300–3360	6.2–5.9	IP 55 • ISO F • bimetal capacitor 35 µF (450V) Mate-N-Lok motor size BG 80	30.6

3~ Motors										
#	50 Hz				60 Hz				Version	Weight kg
	hp	V	rpm	A	hp	V	rpm	A		
04	1.0	Δ230/Y400	2860	3.1/1.8	1.2	Δ265/Y460	3440	3.1/1.8	IE3 ¹⁾ IP55 • ISO F • bimetal motor size BG 71	23.4
						Δ230/Y400	3380	3.3/1.9		
05	1.0	Δ230/Y400	2860	3.1/1.8					IE3 ¹⁾ IP55 • ISO F • bimetal motor size BG 71	23.4
06	1.0	Δ200/Y350	2870	3.8/2.2	1.2	Δ200/Y350	3380	3.8/2.2	IE3 ¹⁾ IP55 • ISO F • bimetal motor size BG 71	23.4
						Δ220/Y380 Y400	3420 3440	3.8/2.2 2.2		

¹⁾ Details see type plate

• Type plate data on current consumption and rotation speed of the motors may vary. Tolerance -1.5/+2% in each case.

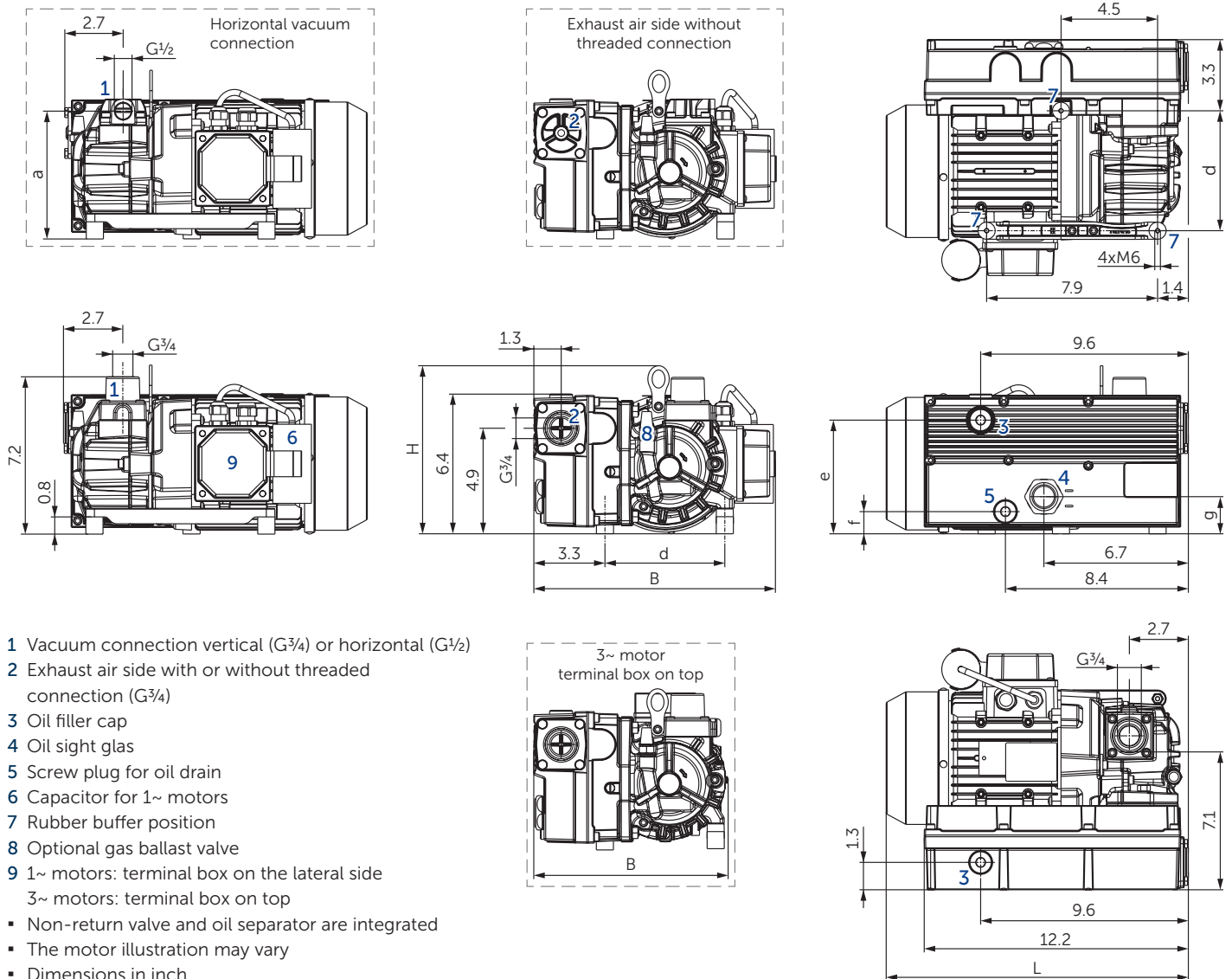


Suction air rate refers to the intake pressure
 Reference data (atmosphere): 0 in. HgV, 68°F; Tolerance: ±10%

+ VARIANTS AND ACCESSORIES

O 5.25 WITH 0.13 US GAL. TANK

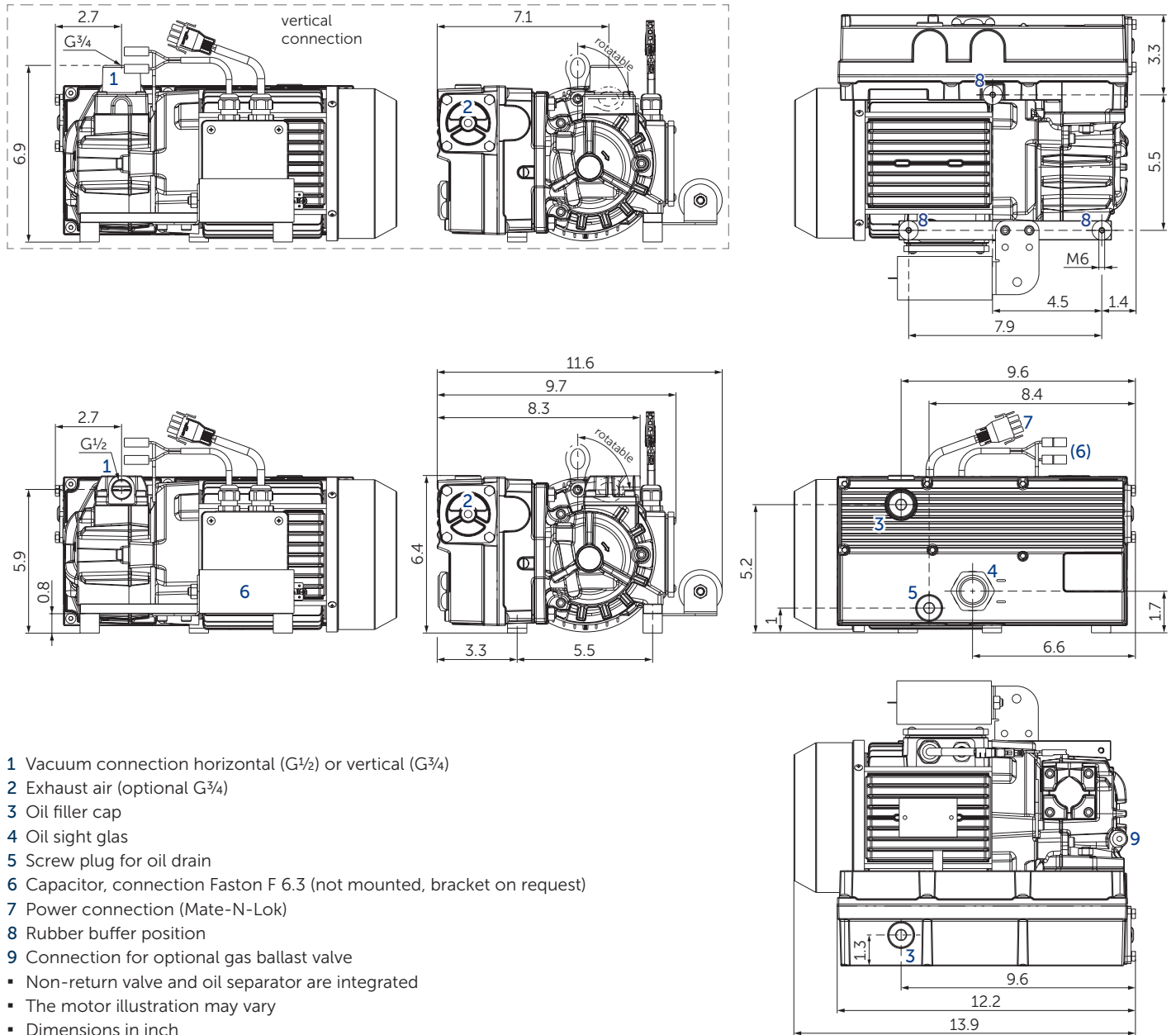
- Including motors without Mate-N-Lok power connection



Motor	a	B	d	e	f	g	H	L
1~	5.9	11.1	5.5	5.24	1.02	1.71	7.7	13.9
3~	5.8	9	5.1	5.18	0.96	1.65	7.4	12.6

O 5.25 WITH 0.13 US GAL. TANK AND MATE-N-LOK POWER CONNECTION

- Motor #03 included



- 1 Vacuum connection horizontal ($G\frac{1}{2}$) or vertical ($G\frac{3}{4}$)
- 2 Exhaust air (optional $G\frac{3}{4}$)
- 3 Oil filler cap
- 4 Oil sight glass
- 5 Screw plug for oil drain
- 6 Capacitor, connection Faston F 6.3 (not mounted, bracket on request)
- 7 Power connection (Mate-N-Lok)
- 8 Rubber buffer position
- 9 Connection for optional gas ballast valve
 - 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

BECKER LUBE¹⁾

- | | | | |
|-----------------------|-------------------------|--------------------------------------|---------------------------------------|
| ▪ M 68 mineral | ▪ S 68 synthetic | ▪ SL 68 food (food packaging) | ▪ SM 68 food (food processing) |
| ▪ M 32 mineral | ▪ S 32 synthetic | ▪ SL 32 food (food packaging) | ▪ SM 32 food (food processing) |

¹⁾ See operating instructions



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