

DATA SHEET

O 5.25 (XL K) ROTARY VANE VACUUM PUMPS

oil-free
air-cooled

MAKE IT BECKER.

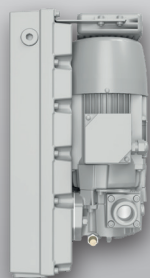
COMPACT

**ROBUST &
DURABLE**

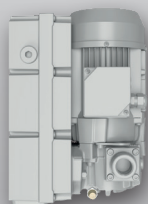
2 OIL TANK SIZES

MODULAR

freely configurable service openings



O 5.25 XL K

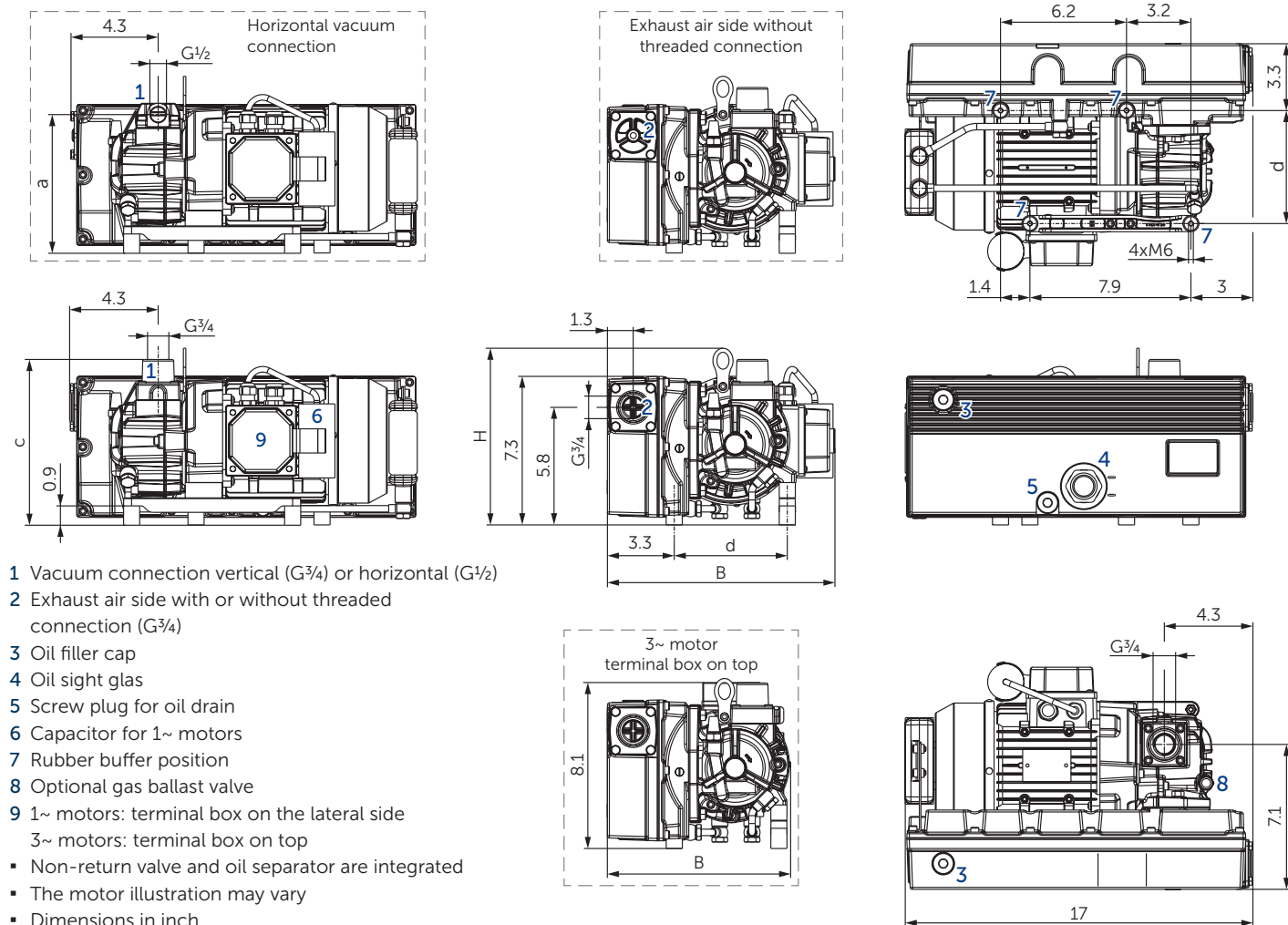


O 5.25



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

- Including motors without Mate-N-Lok power connection



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 tank
	CFM		Torr		dB(A)		lbs	US gal.
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
➊ 5.25 XL K	15.3	17.6	1.5	1.5	63	63	≈54.0	0.26
➋ 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

• Reference data (atmosphere): 0 In. HgV / 760 Torr, 68°F; tolerance: ±10%

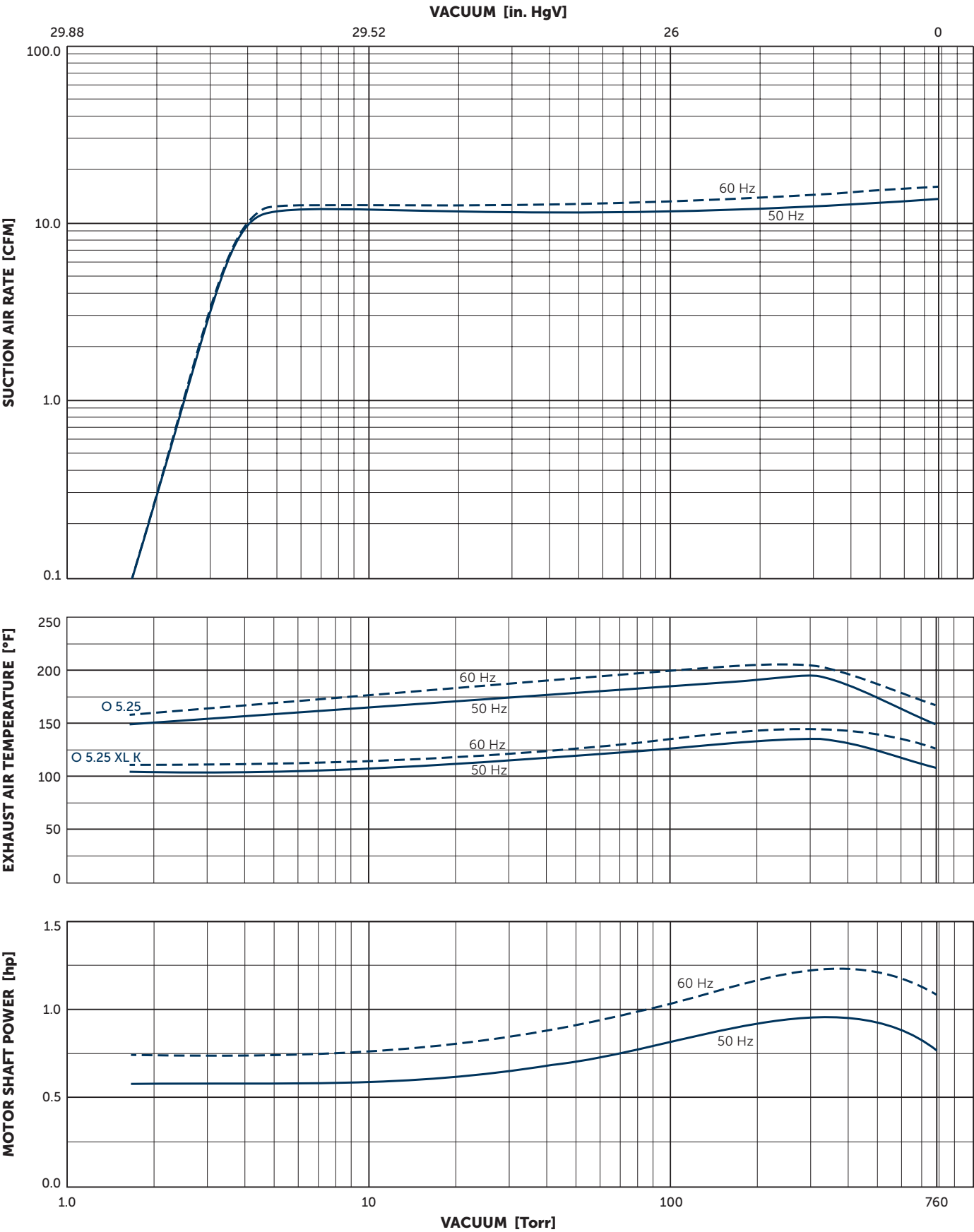
1~ Motors										
#	50 Hz				60 Hz				Version	Weight lbs
	hp	V	rpm	A	hp	V	rpm	A		
01	1.0	220–240	2800–2830	5.0–5.1	1.2	220–240	3300–3360	6.2–5.9	IP 55 • ISO F • bimetal capacitor 35 µF (450V) motor size BG 80	30.6
02	1.0	100–110	2800–2840	11.3–11.7	1.2	100–120	3250–3400	13.4–11.6	IP 55 • ISO F • bimetal 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⁾	23.4
						Δ230/Y400	3380	3.3/1.9	IP55 • ISO F • bimetal motor size BG 71	
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⁾	23.4
						Δ220/Y380 Y400	3420 3440	3.8/2.2 2.2	IP55 • ISO F • bimetal motor size BG 71	

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.

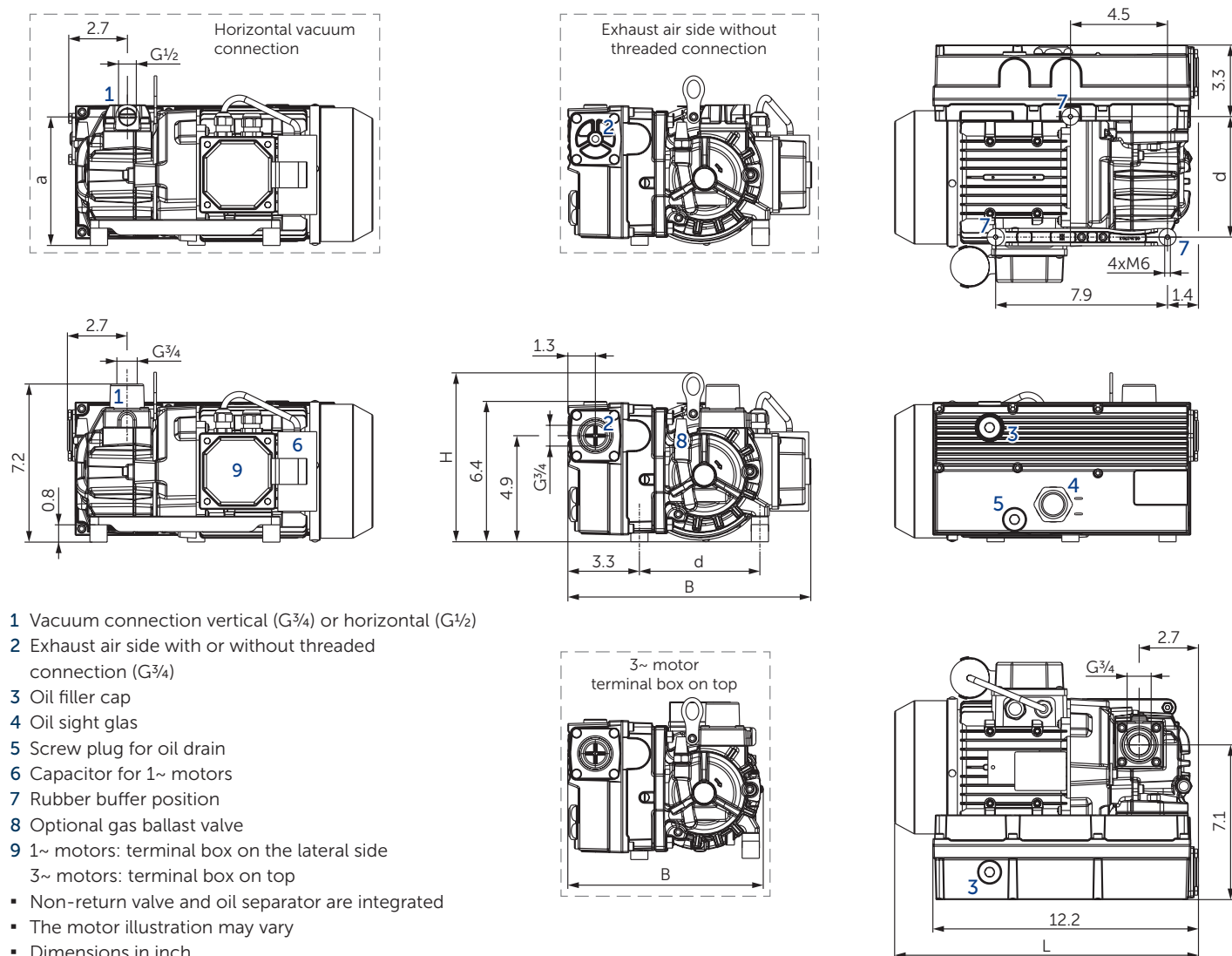


Suction air rate refers to the intake pressure
Reference data (atmosphere): 0 in. HgV, 68°F; Tolerance: ±10%

+ VARIANTS AND ACCESSORIES

O 5.25 WITH 0.13 US GAL. TANK

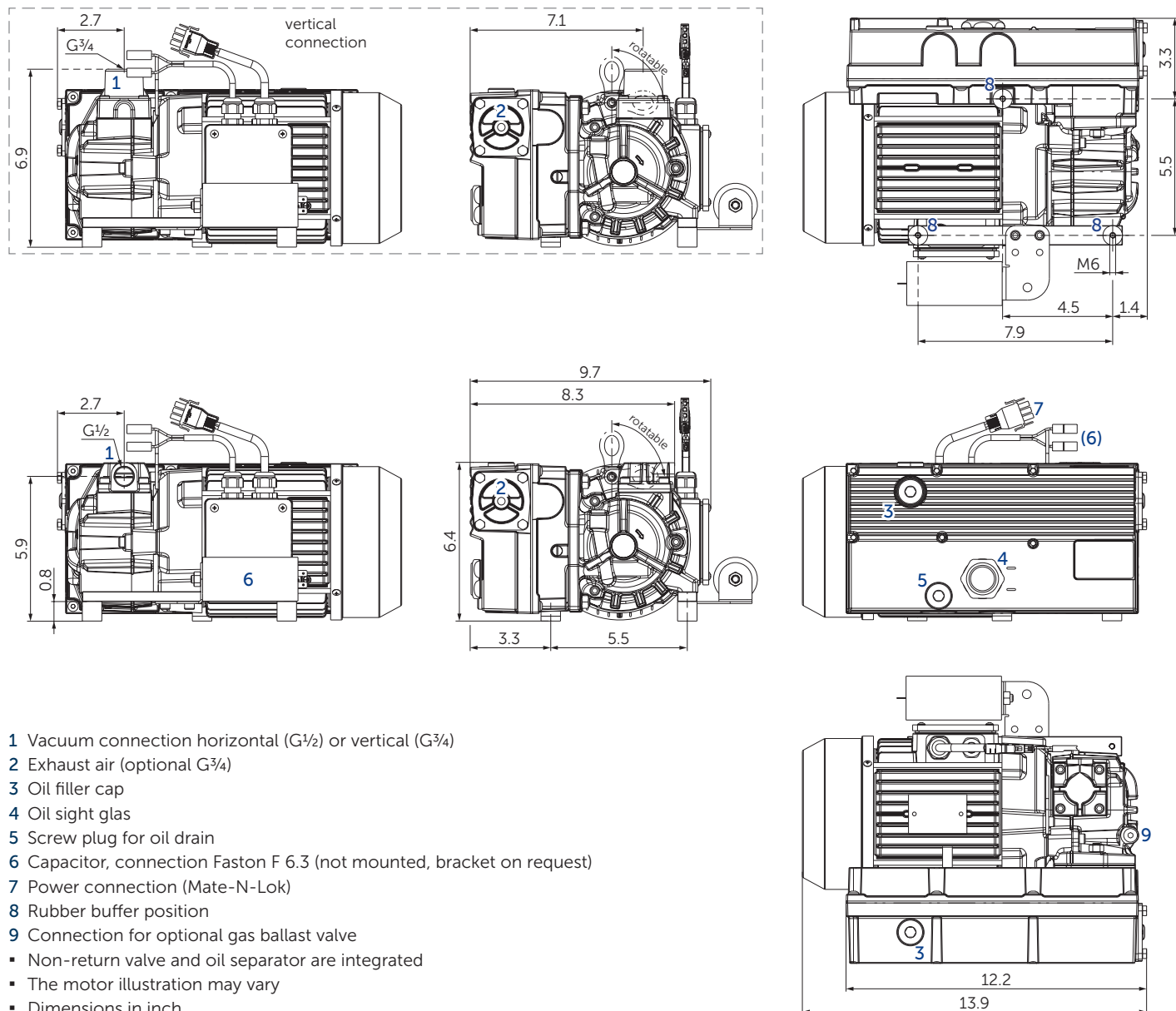
- Including motors without Mate-N-Lok power connection



Motor	a	B	d	H	L
1~	5.9	11.1	5.5	7.7	13.9
3~	5.8	9	5.1	7.4	12.6

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

- Motor #03 included



- Vacuum connection horizontal ($G\frac{1}{2}$) or vertical ($G\frac{3}{4}$)
 - Exhaust air (optional $G\frac{3}{4}$)
 - Oil filler cap
 - Oil sight glass
 - Screw plug for oil drain
 - Capacitor, connection Faston F 6.3 (not mounted, bracket on request)
 - Power connection (Mate-N-Lok)
 - Rubber buffer position
 - Connection for optional gas ballast valve
- Non-return valve and oil separator are integrated
 - The motor illustration may vary
 - Dimensions in inch

ACCESSORIES

- Gas ballast valve
 - Version for small amounts of moisture, vacuum <3 mbar
 - Version for higher amounts of moisture, vacuum <20 mbar
- Oil **Becker Lube** ¹⁾
 - 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)
- Level sensor (oil level switch) ²⁾
 - ST 628-0-22** (for 0.5 litre oil tank)
 - ST 628-0-23** (for 1.0 litre oil tank)



¹⁾ See operating instructions

²⁾ Only for vertical installation

MAKE IT BECKER.

HOMEPAGE
O SERIES



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