

DATA SHEET

Ø 5.16 (XL)

ROTARY VANE VACUUM PUMPS

oil-lubricated
air-cooled

MAKE IT BECKER.

COMPACT

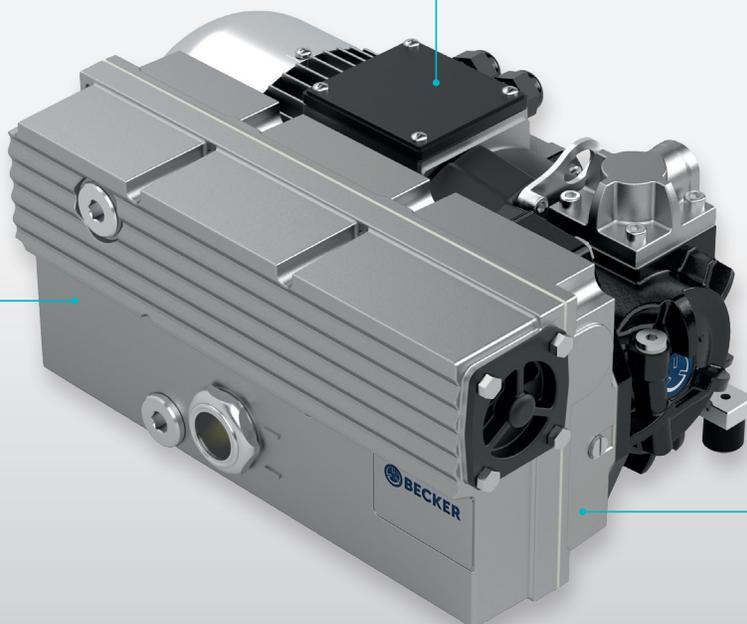
low overall height

ROBUST

and durable

MODULAR

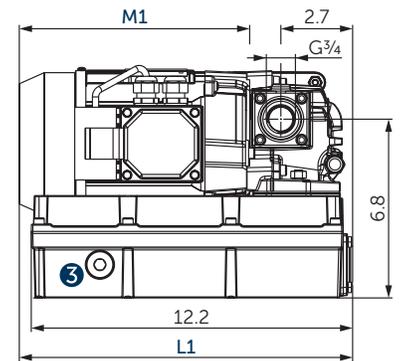
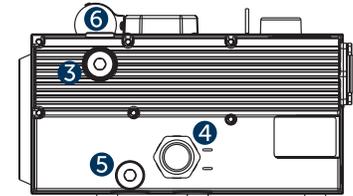
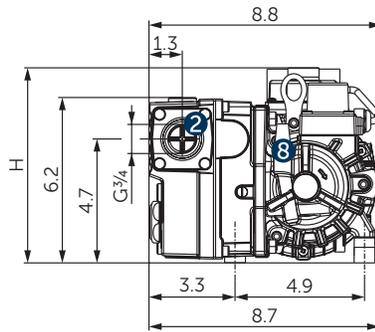
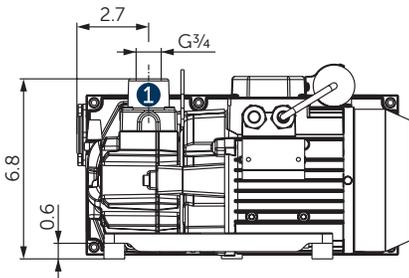
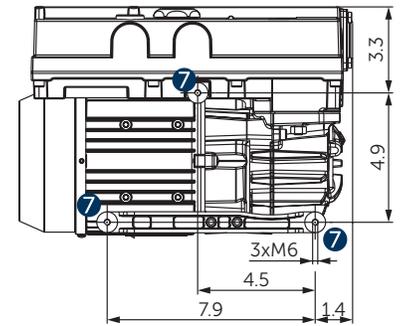
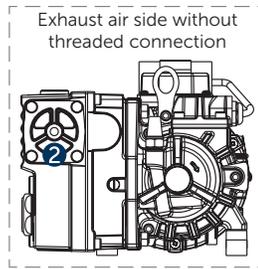
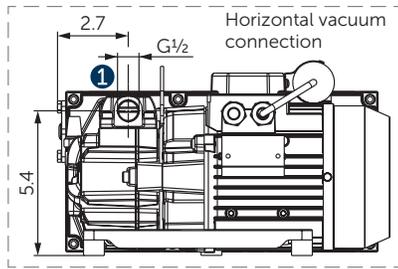
2 oil tank sizes



Ø 5.16 XL

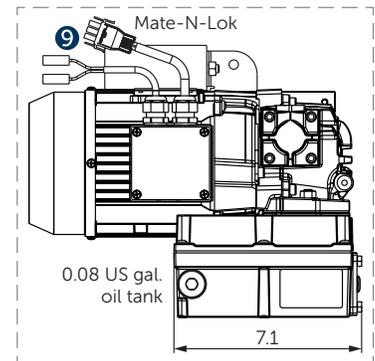


Ø 5.16



(M)	H [inch]
1~	7.4
1~ Mate-N-Lok	6.2
3~	7.0

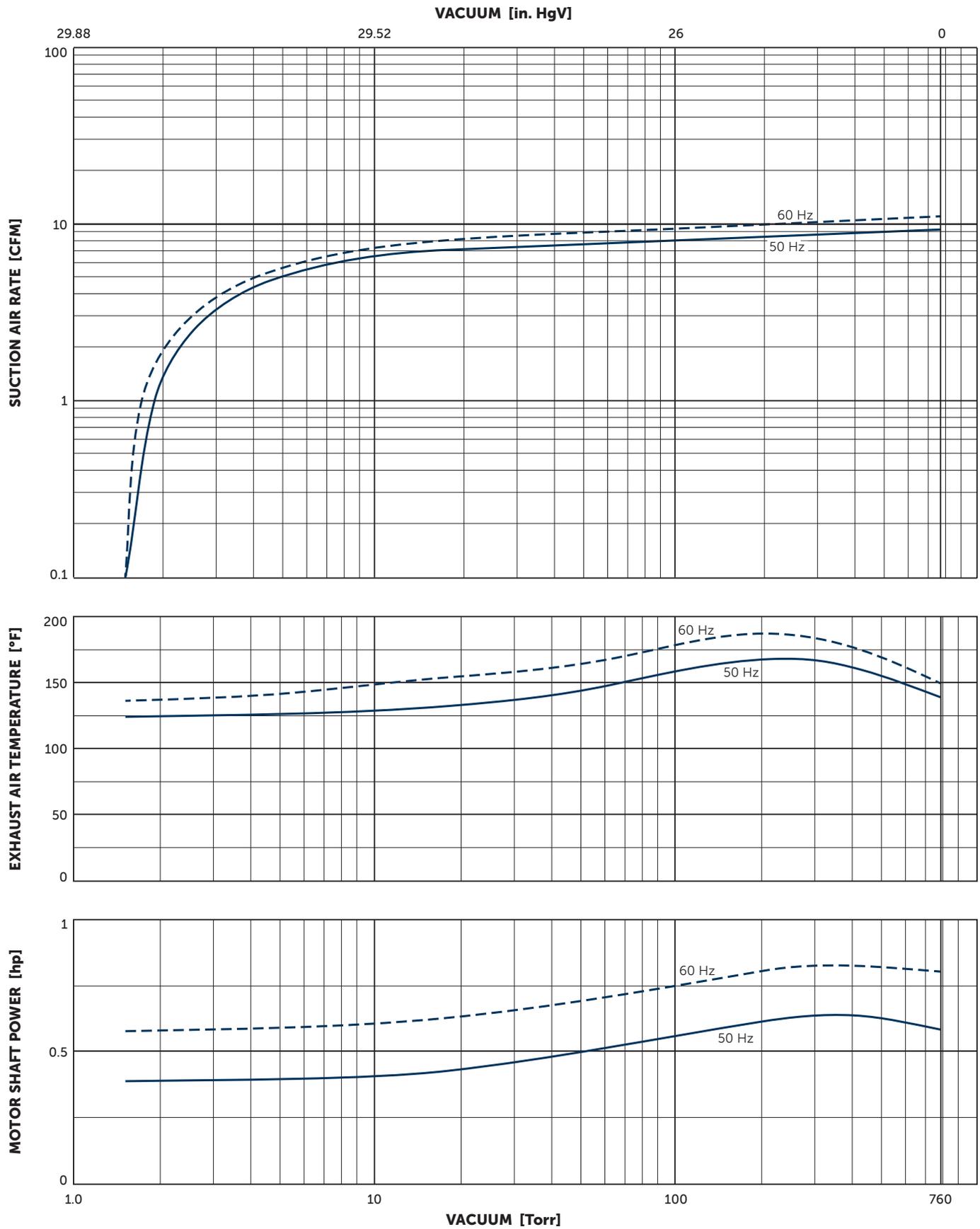
- 1 Vacuum connection vertical (G³/₄) or horizontal (G¹/₂)
- 2 Exhaust air side with or without threaded connection (G³/₄)
- 3 Oil filler cap
- 4 Oil sight glass
- 5 Screw plug for oil drain
- 6 Capacitor for 1~ motors
- 7 Rubber buffer position
- 8 Optional gas ballast valve
- 9 Optional Mate-N-Lok power connection for 1~ motors and Faston F 6.3 capacitor connection.
- L Blower length L₁ with motor.
L₁ and M₁ are variable, see separate motor specification sheet.
- Non-return valve and oil separator are integrated.
- The motor illustration may vary.
Variants with 1~ motors (with/without Mate-N-Lok power connection) or 3~ motors are available.
- Dimensions in inch



	Nominal capacity		Vacuum		Installed motor power		Emission sound pressure level ¹⁾		Weight incl. motor	Oil (Oil tank)
	CFM		Torr		hp		dB(A)		lbs	US gal.
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
O 5.16 XL	9.4	11.2	1.5	1.5	0.74	0.89	60.5	67.0	~43.0	~0.13
O 5.16	9.4	11.2	1.5	1.5	0.74	0.89	60.5	67.0	~39.7	~0.08

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): in. HgV, 68°F; Tolerance: ±10%



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

ACCESSORIES

GAS BALLAST VALVE

- Version for small amounts of moisture, vacuum <2.25 Torr
- Version for higher amounts of moisture, vacuum <15 Torr

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) |

¹⁾ See operating instructions



MAKE IT BECKER.

HOMEPAGE
O SERIES



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