

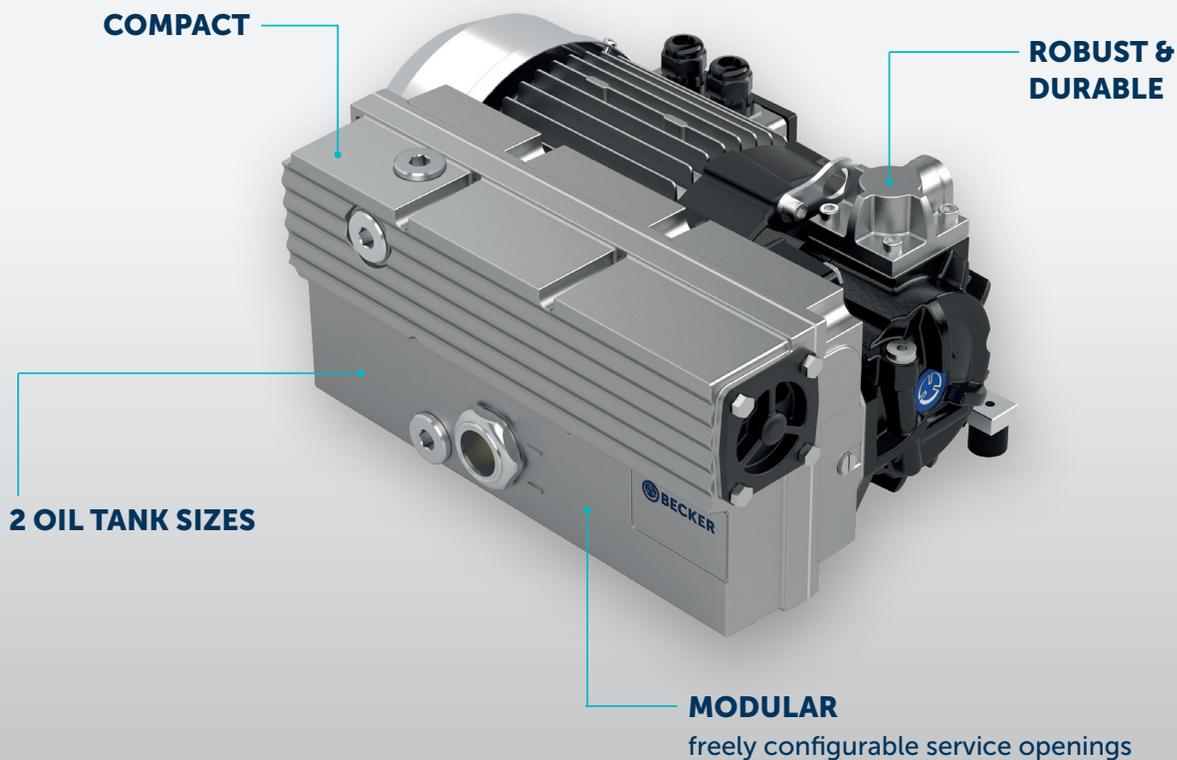
DATA SHEET

**O 5.21 (XL)**

# ROTARY VANE VACUUM PUMPS

oil-free  
air-cooled

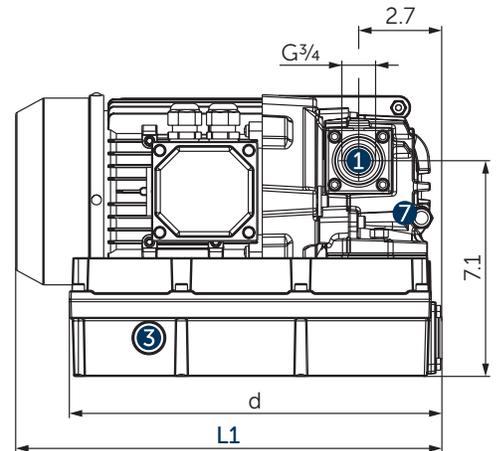
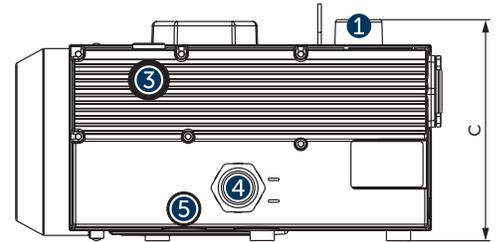
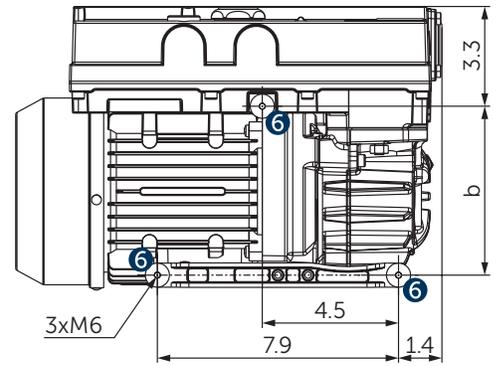
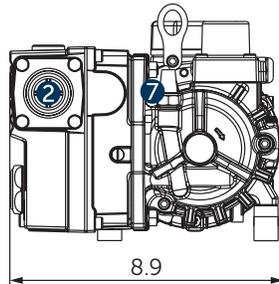
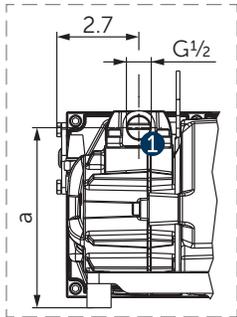
**MAKE IT BECKER.**



a	b	c
5.7–5.9	5.1–5.5	≤7.2

▪ depending on motor version

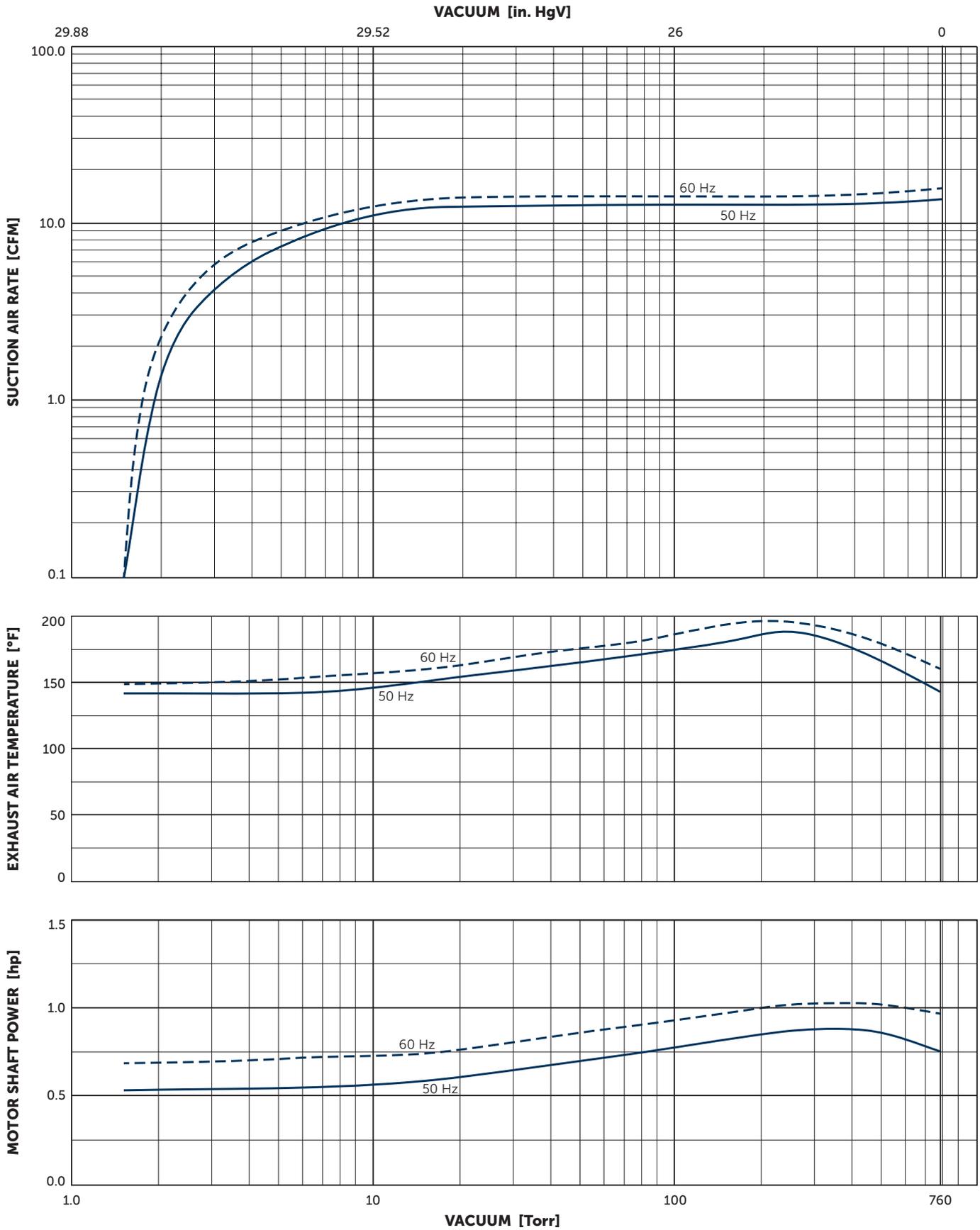
Oil tank	d
≈0.13 US gal.	12.2
≈0.08 US gal.	7.1



- 1 Vacuum connection vertical (G<sup>3</sup>/<sub>4</sub>) or horizontal (G<sup>1</sup>/<sub>2</sub>)
- 2 Exhaust air side with or without threaded connection (G<sup>3</sup>/<sub>4</sub>)
- 3 Oil filler cap
- 4 Oil sight glass
- 5 Screw plug for oil drain
- 6 Rubber buffer position
- 7 Optional gas ballast valve
- L Overall device length L<sub>1</sub> with motor is variable, see separate motor specification sheet
- Non-return valve and oil separator are integrated
- The motor illustration may vary
- Dimensions in inch

	Nominal capacity		Vacuum		Installed motor power		Emission sound pressure level <sup>1)</sup>		Weight incl. motor	Oil (Oil tank)
	CFM		Torr				dB(A)			
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	lbs	US gal.
<b>O 5.21 XL</b>	13.8	15.9	1.5	1.5	1.0	1.2	64	69	≈47.4	≈0.13
<b>O 5.21</b>	13.8	15.9	1.5	1.5	1.0	1.2	64	69	≈44.1	≈0.08

<sup>1)</sup> 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



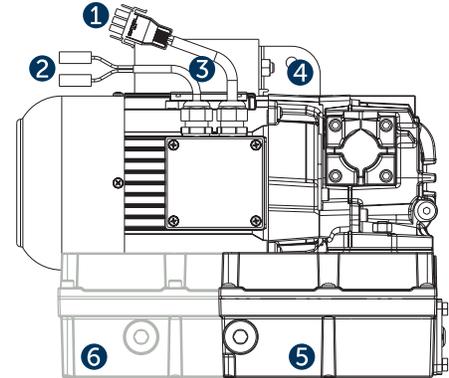
Suction air rate refers to the intake pressure  
 Reference data (atmosphere): 0 in. HgV, 68°F; Tolerance: ±10%

## + VARIANTS AND ACCESSORIES

### O 5.21 (XL) WITH MATE-N-LOK POWER CONNECTION

- Motors see separate motor specification sheet

- 1 Power connection (Mate-N-Lok)
- 2 Capacitor connection Faston F 6.3
- 3 Capacitor, not mounted
- 4 Capacitor bracket on request
- 5 O 5.21 with 0.3l oil tank
- 6 O 5.21 XL with 0.5l oil tank



### GAS BALLAST VALVE

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

### BECKER LUBE<sup>1)</sup>

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

<sup>1)</sup> See operating instructions



freely configurable service openings

**MAKE IT BECKER.**

HOMEPAGE  
O SERIES



DOWNLOAD  
MOTOR SPECS.



ONLINE SHOP  
O 5.21



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