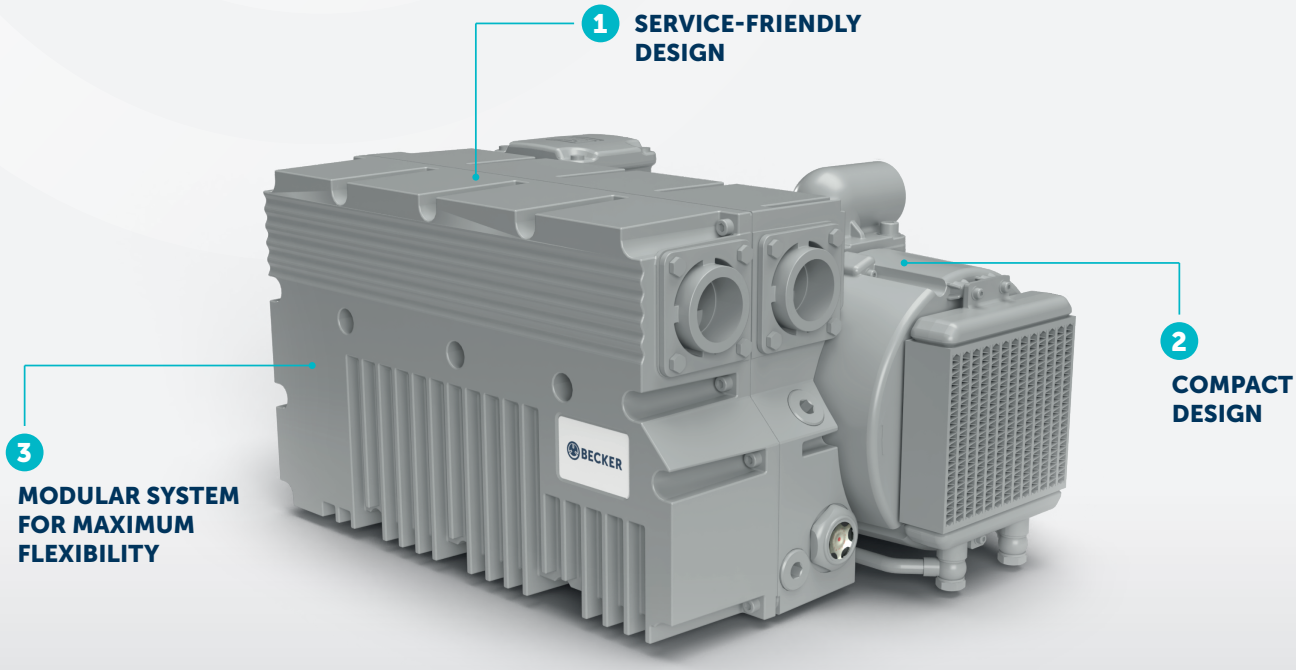
DATA SHEET

U 5.65 (XL K)

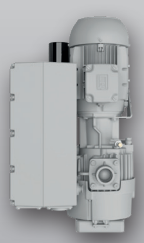
ROTARY VANE VACUUM PUMPS

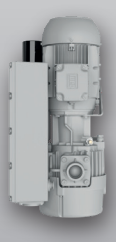
oil-lubricated
air-cooled

MAKE IT BECKER.



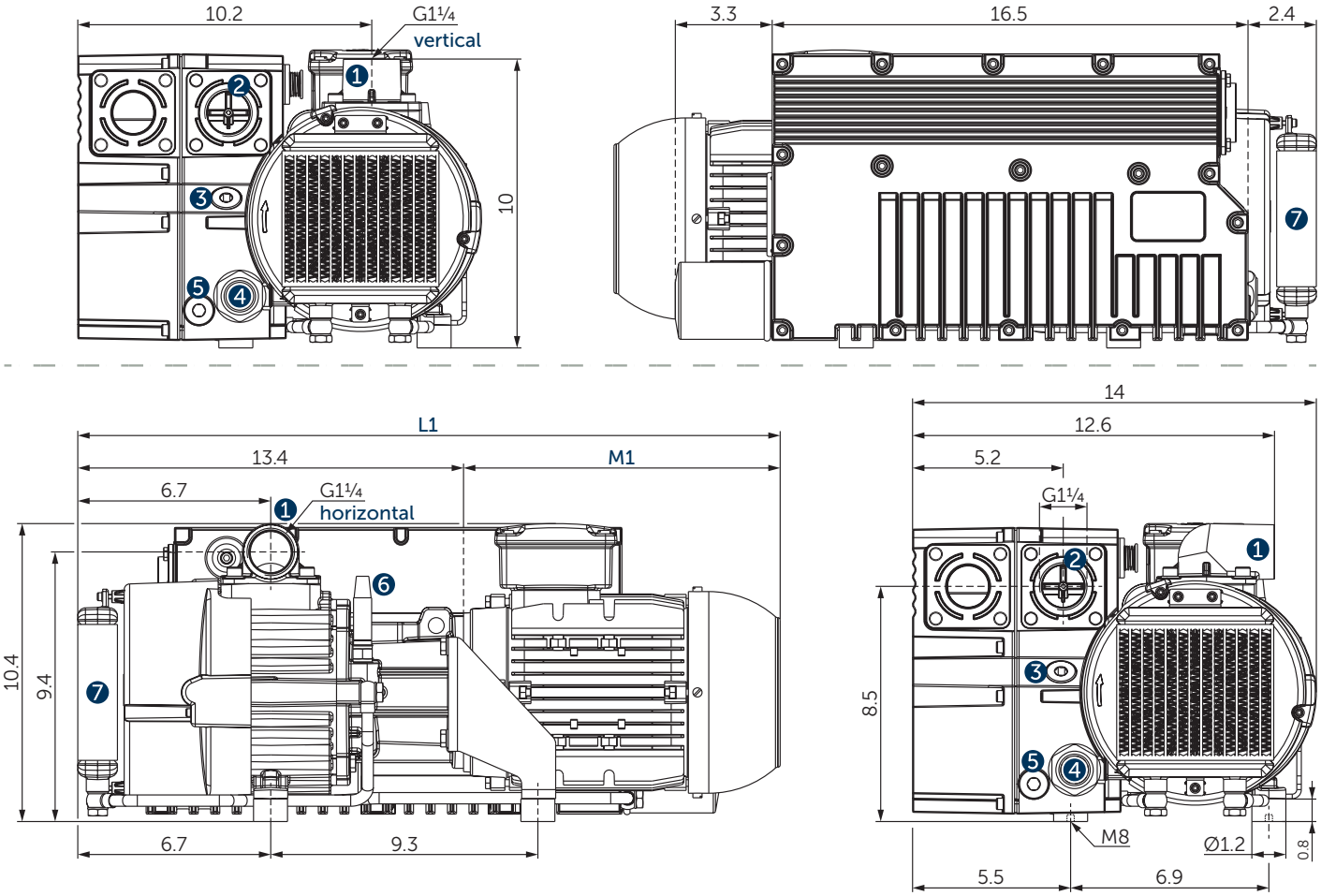
1. A service-friendly design allows for easy on-site maintenance, reducing unplanned downtime.
2. The pump's compact design with a small footprint minimizes installation space. Meanwhile, optimized airflow ensures highly efficient cooling performance.
3. The sophisticated design and a wide range of accessories enable customized solutions to meet specific requirements.


U 5.65 XL K


U 5.65

BECKER

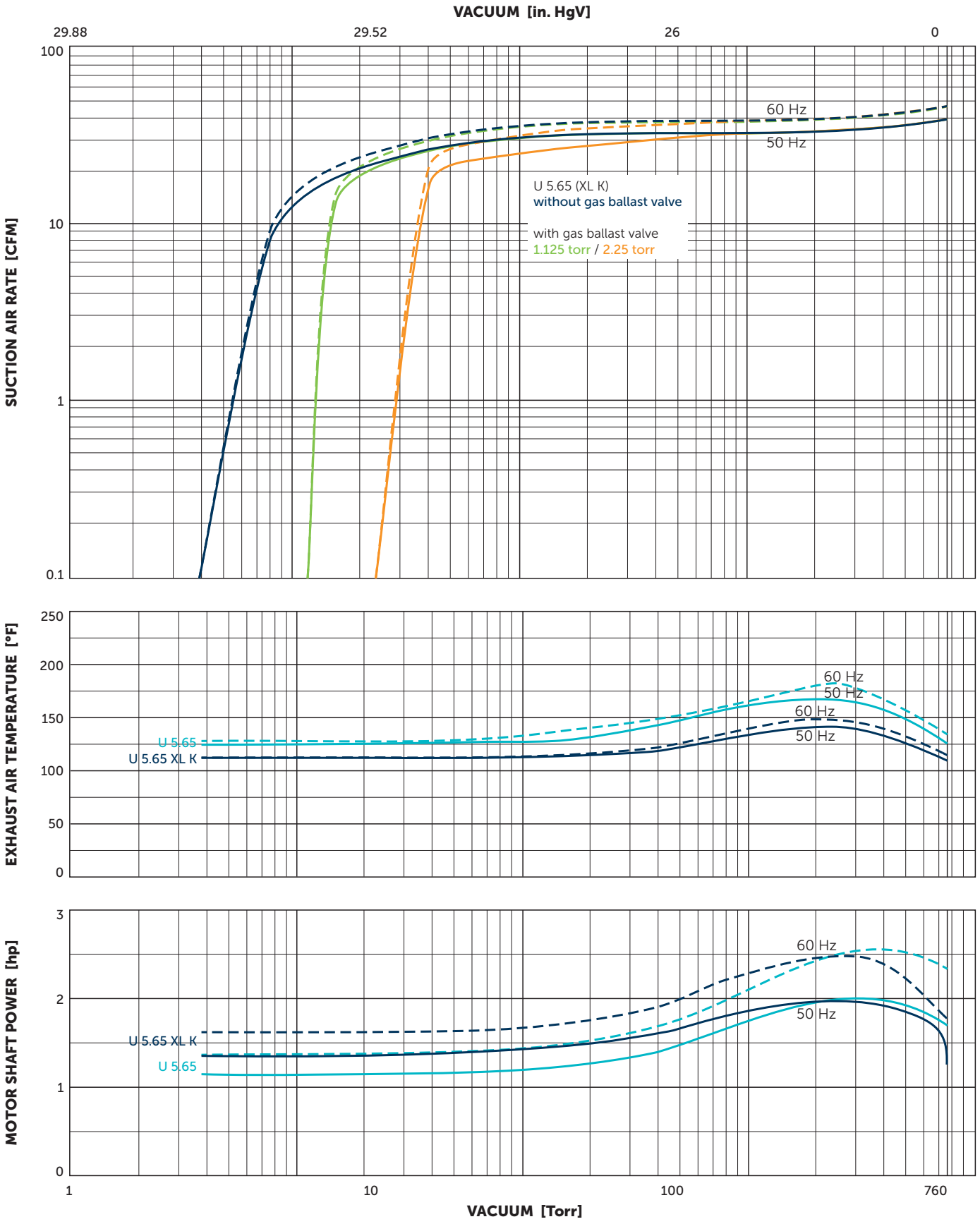
U 5.65 XL K WITH 2.0 L TANK AND OIL-AIR COOLER



1 Vacuum connection (G1¼) vertical or horizontal, rotatable in 90° steps
2 Threaded connector for exhaust air (G1¼)
3 Oil filler cap
4 Oil sight glas
5 Screw plug for oil drain
6 Standard gas ballast valve 1.125 Torr, alternative valve on request
7 Oil-air cooler
L Overall device length L1 with motor. L1 and M1 are variable, see separate motor specification sheet.
- Including oil filter, vibration dampers, integrated non-return valve and integrated oil separator
- The motor illustration may vary.
- Dimensions in inch

	Nominal capacity		Vacuum absolute for continous operation		Installed motor power		Emission sound pressure level [1]		Weight w/o motor	Oil [2]
	CFM		Torr		hp		dB(A)		lbs	U.S. gal.
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
U 5.65 XL K	38.2	45.9	0.375 [3] – 225	0.375 [3] – 225	2.0	2.0 – 2.4	68	71	≈79	0.528
U 5.65	38.2	45.9	0.375 [3] – 75	0.375 [3] – 75	2.0	2.0 – 2.4	64	68	≈68	0.264

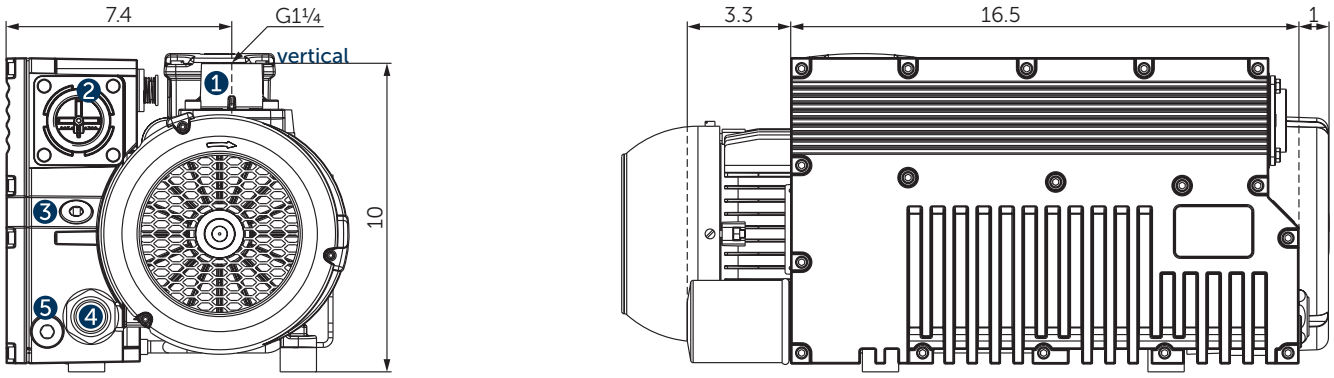
[1] Emission sound pressure level, with the highest measured values, L_{pA} (re 20 µPa):
The values were determined according to the noise measurement DIN EN ISO 9614-2:1996-12, the basic standard DIN EN ISO 2151:2009-01 and DIN EN ISO 11203. Data according to DIN EN ISO 4871. Measurement uncertainty K_{pA} of 3 db.
[2] Oil types and application see operating instructions
[3] Without gas ballast valve
- Reference data (atmosphere): 750 Torr, 68°F; Tolerance: ±10%
- Water vapour tolerance U 5.65 XL K max. 15.375 Torr / U 5.65 max. 25.35 Torr, water vapour capacity max. 0.132 U.S.gal./h (at 185°F operating temperature)

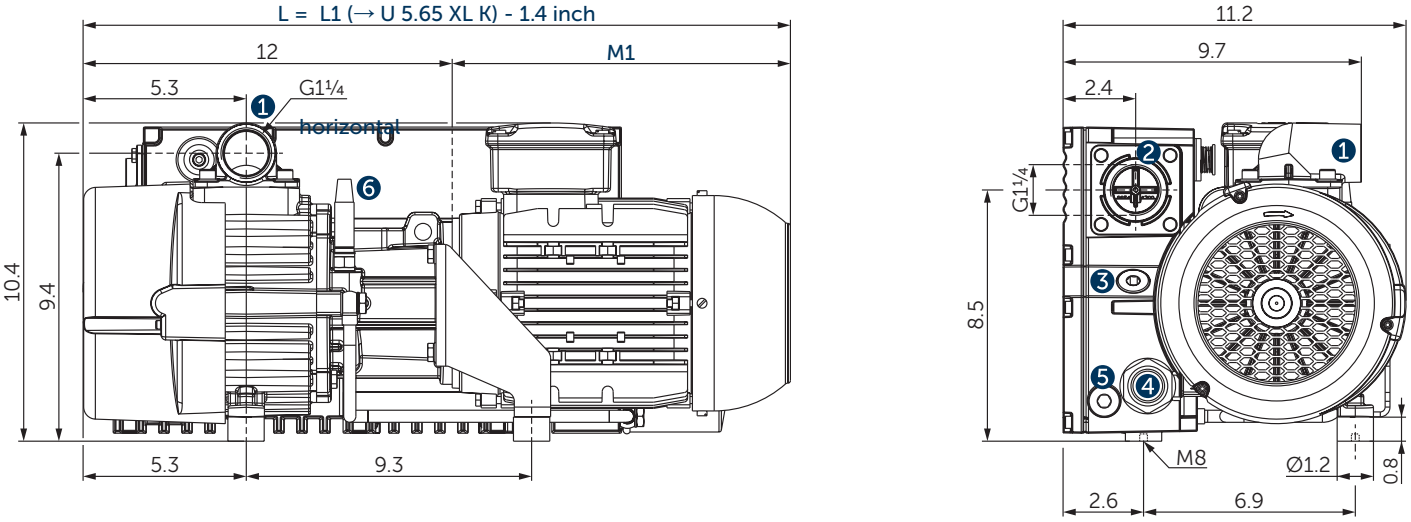


Suction air rate refers to the intake pressure
Reference data (atmosphere): 750 Torr, 68°F
Tolerance: ±10%

VARIANTS AND ACCESSORIES

U 5.65 WITH 1.0 L TANK





1 Vacuum connection (G1¼) vertical or horizontal, rotatable in 90° steps
2 Threaded connector for exhaust air (G1¼)
3 Oil filler cap
4 Oil sight glas
5 Screw plug for oil drain
6 Standard gas ballast valve 1.125 Torr, alternative valve on request

L Overall device length L with motor. L (L1 of U 5.65 XL K) and M1 are variable, see separate motor specification sheet.
- Including oil filter, vibration dampers, integrated non-return valve and integrated oil separator
- The motor illustration may vary.
- Dimensions in inch

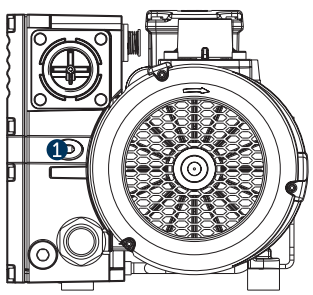
ACCESSORIES

1 Maintenance indicator ST 691-0-3 (G½") for oil separating elements

The maintenance indicator is used instead of the oil filler cap. To check the oil separating element, the vacuum pump must be operating with the intake unrestricted, i.e. not under load, at atmospheric pressure and not at final vacuum. If the needle now reaches the red part of the scale, the oil separating element must be checked and, if necessary, changed.



ST 691-0-3



Right of modification reserved 2026-08-17

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MOTOR
SPECIFICATIONS

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