

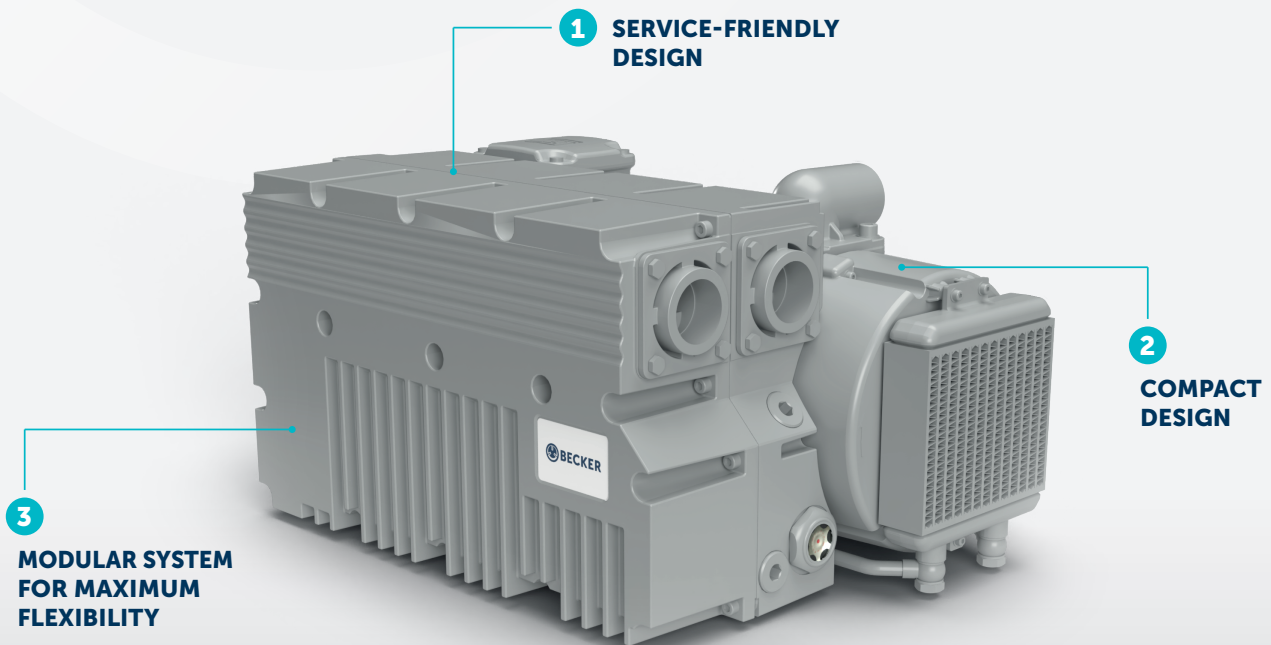
DATA SHEET

U 5.65 (XL K)

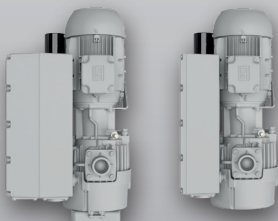
ROTARY VANE VACUUM PUMPS

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.

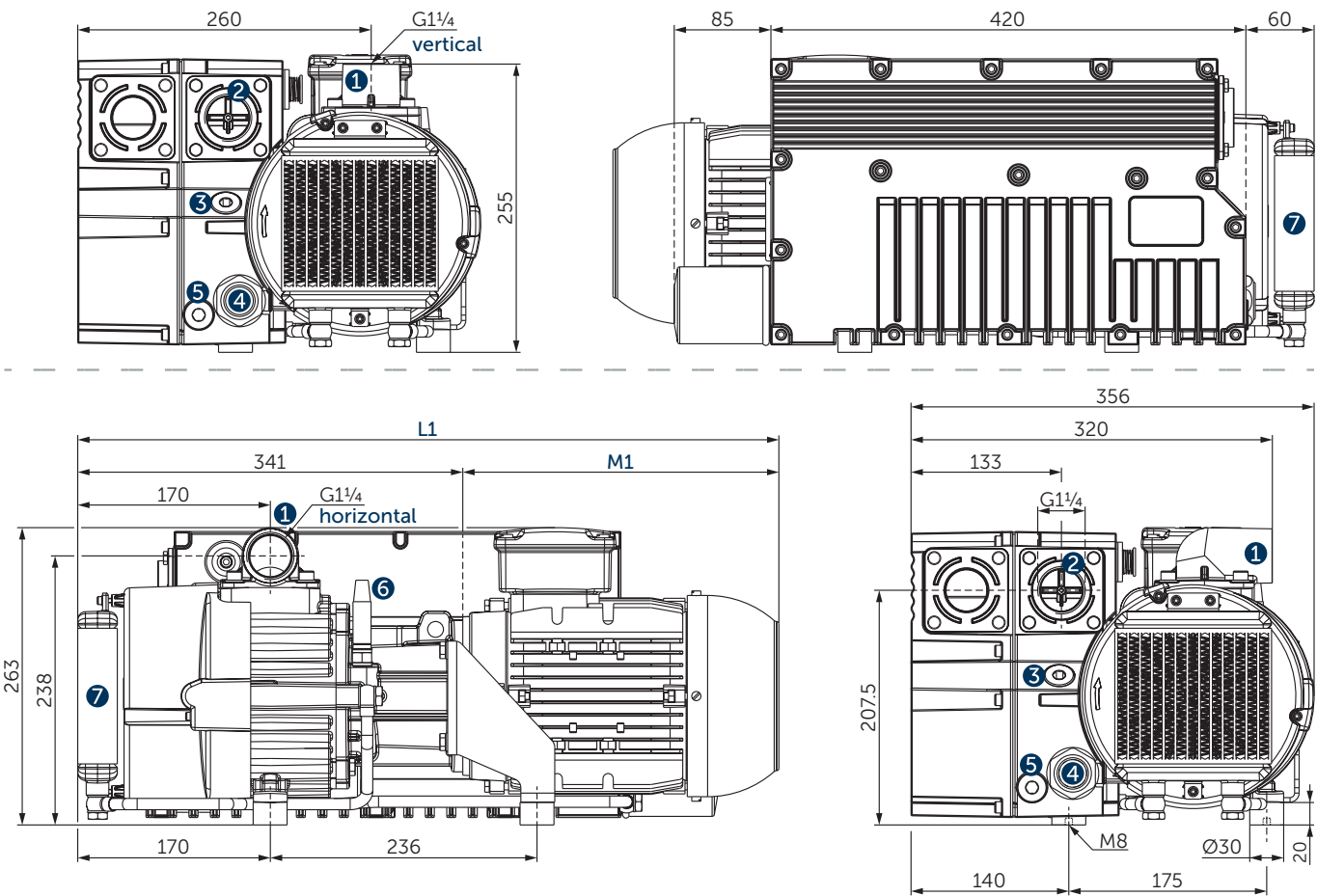


U 5.65 XL K

U 5.65



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



- 1 Vacuum connection (G1 1/4) vertical or horizontal, rotatable in 90° steps
- 2 Threaded connector for exhaust air (G1 1/4)
- 3 Oil filler cap
- 4 Oil sight glas
- 5 Screw plug for oil drain
- 6 Standard gas ballast valve 1.5 mbar absolute, 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 mm

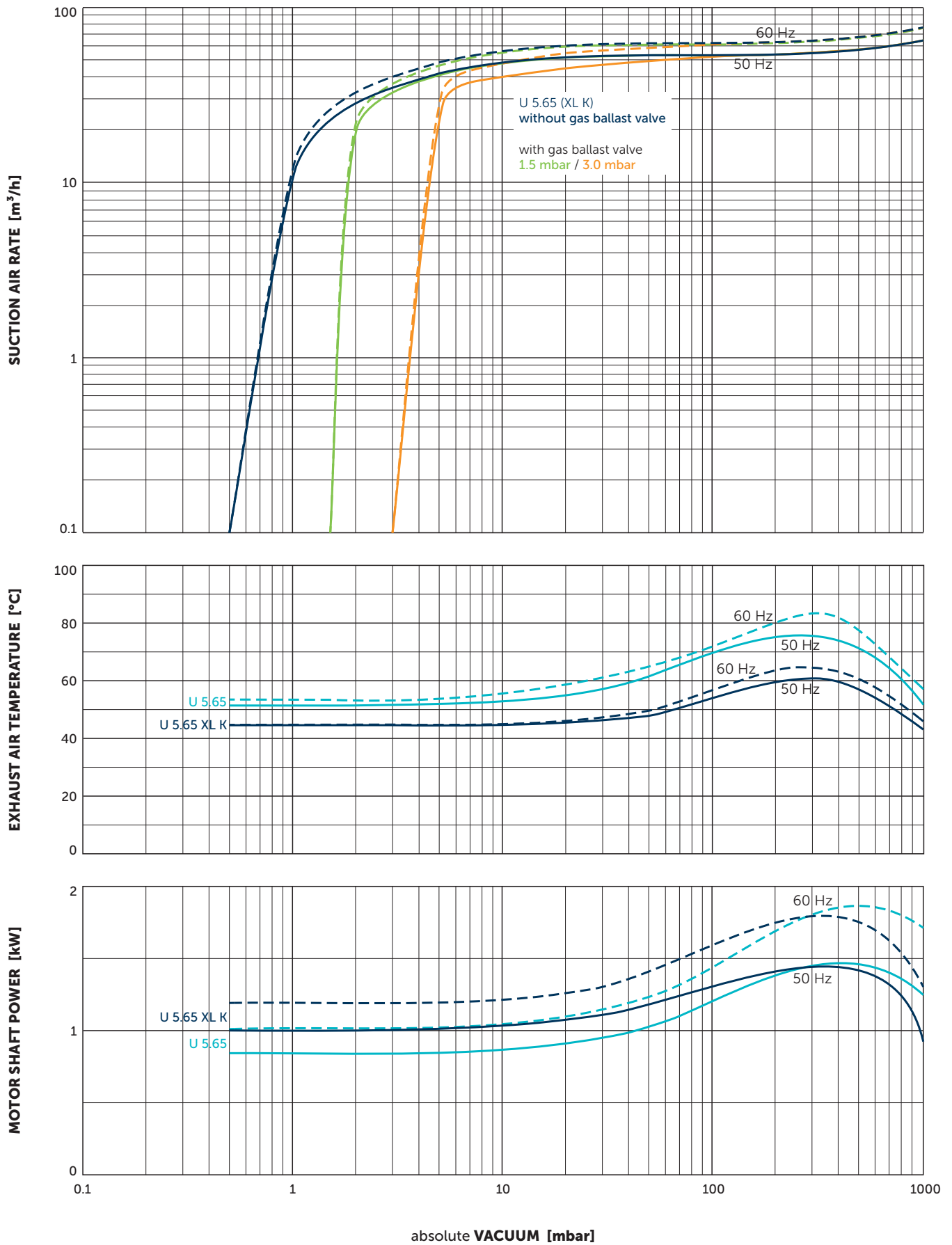
	Nominal capacity		Vacuum absolute for continous operation		Installed motor power		Emission sound pressure level ¹⁾		Weight w/o motor	Oil ²⁾
	m³/h		mbar		kW		dB(A)		kg	l
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
U 5.65 XL K	65	78	0.5 ³⁾ – 300	0.5 ³⁾ – 300	1.5	1.5–1.8	68	71	≈36	2.0
U 5.65	65	78	0.5 ³⁾ – 100	0.5 ³⁾ – 100	1.5	1.5–1.8	64	68	≈31	1.0

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⁾ Becker Lube M 100 mineral, S 100 synthetic, SL 100 food and SM 100 food – application see operating instructions

³⁾ Without gas ballast valve

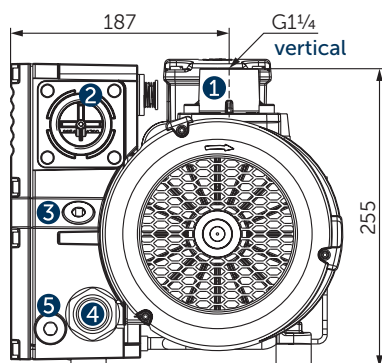
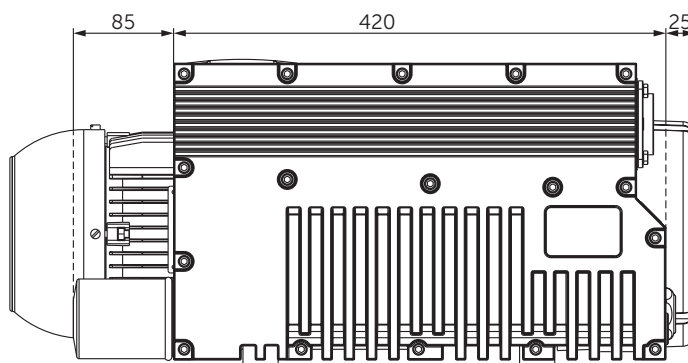
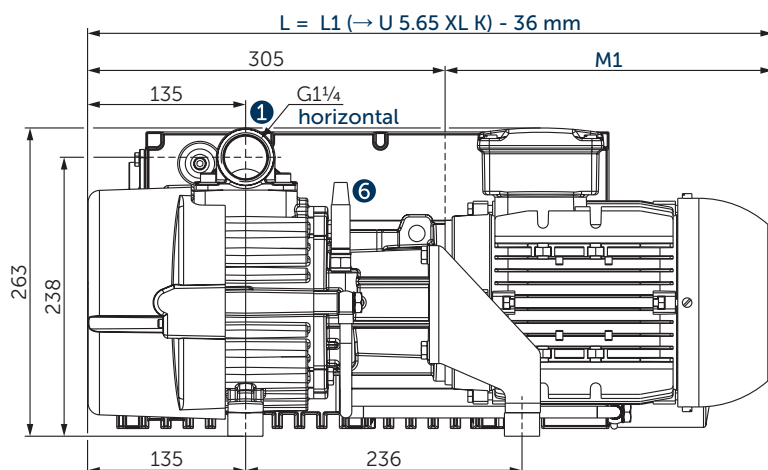
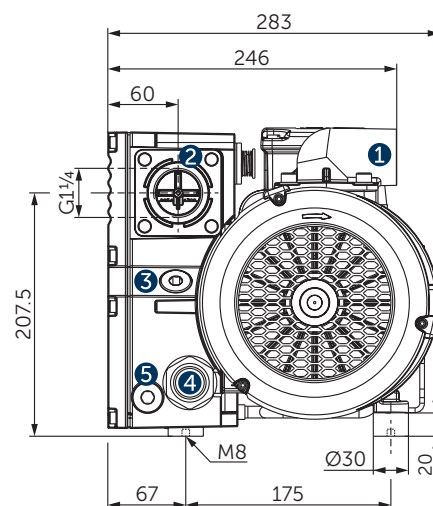
- Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: ±10%
- Water vapour tolerance U 5.65 XL K max. 20.5 mbar / U 5.65 max. 33.8 mbar, water vapour capacity max. 0.5 l/h (at 85°C operating temperature)



Suction air rate refers to the intake pressure
 Reference data (atmosphere): 1000 mbar, 20°C
 Tolerance: $\pm 10\%$

+ VARIANTS AND ACCESSORIES

U 5.65 WITH 1.0 L TANK



1 Vacuum connection (G1 $\frac{1}{4}$) vertical or horizontal, rotatable in 90° steps

2 Threaded connector for exhaust air (G1 $\frac{1}{4}$)

3 Oil filler cap

4 Oil sight glass

5 Screw plug for oil drain

6 Standard gas ballast valve 1.5 mbar absolute, 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 mm

ACCESSORIES

- Becker Lube ¹⁾
 - **M 100** mineral
 - **S 100** synthetic
 - **SL 100** food
 - **SM 100** food

1 Maintenance indicator ST 691-0-3 ²⁾ (G $\frac{1}{2}$ ") for oil separating elements

¹⁾ Application see operating instructions

²⁾ See separate data sheet



ST 691-0-3

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MOTOR
SPECIFICATIONS

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www.becker-international-shop.com

