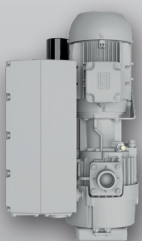
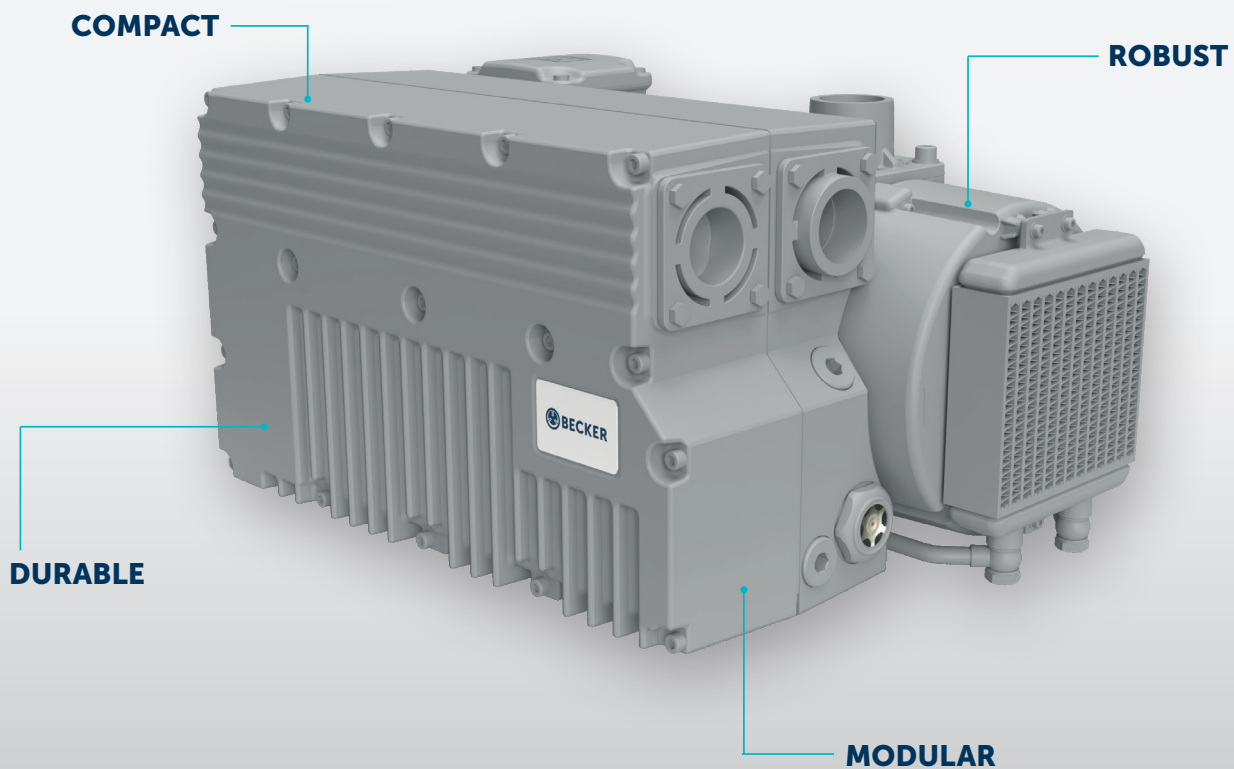


DATA SHEET

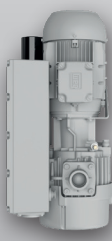
U 5.65 (XL K) ROTARY VANE VACUUM PUMPS

oil-lubricated
air-cooled

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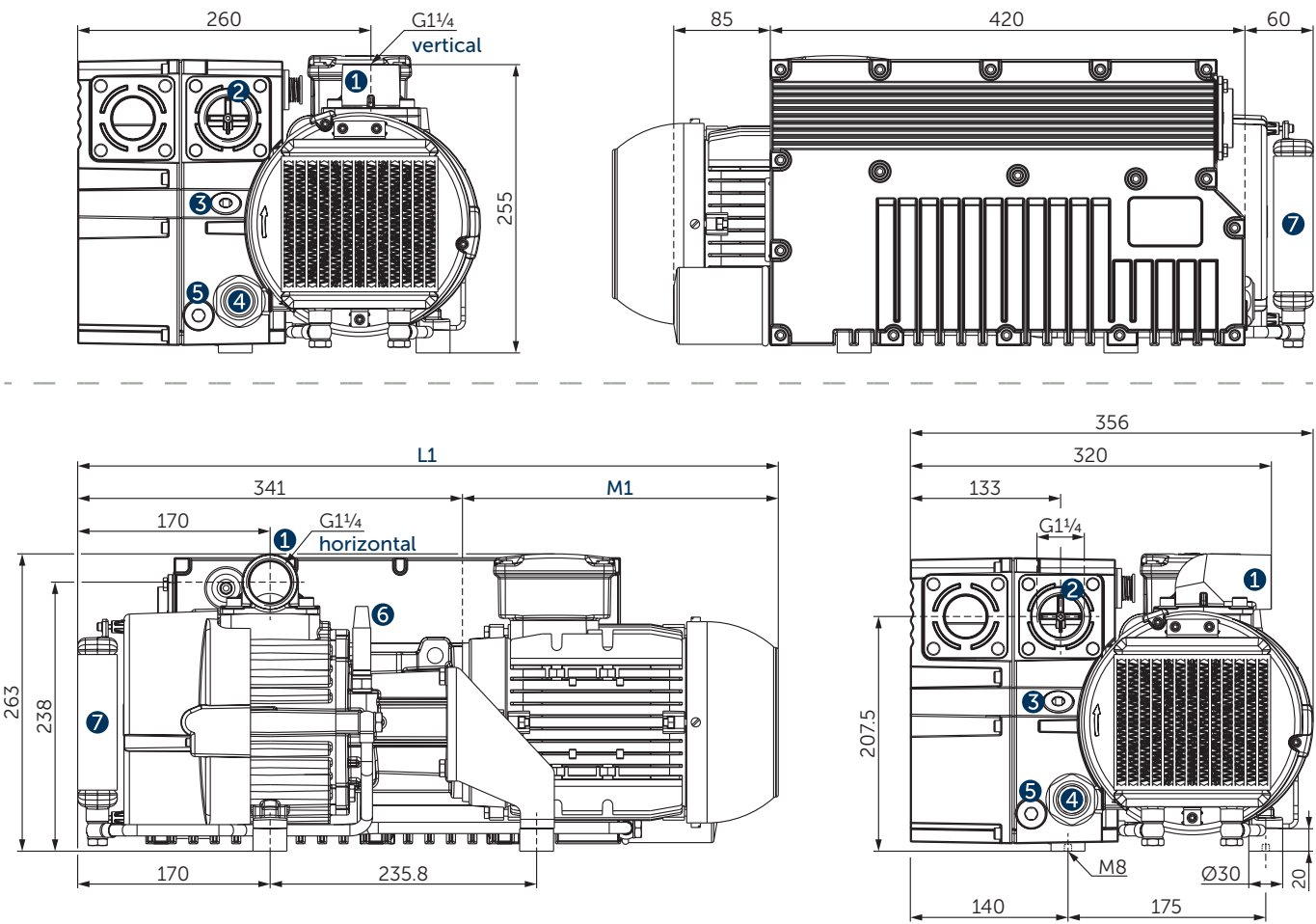


U 5.65 XL K



U 5.65

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



- 1 Vacuum connection (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 3.0 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

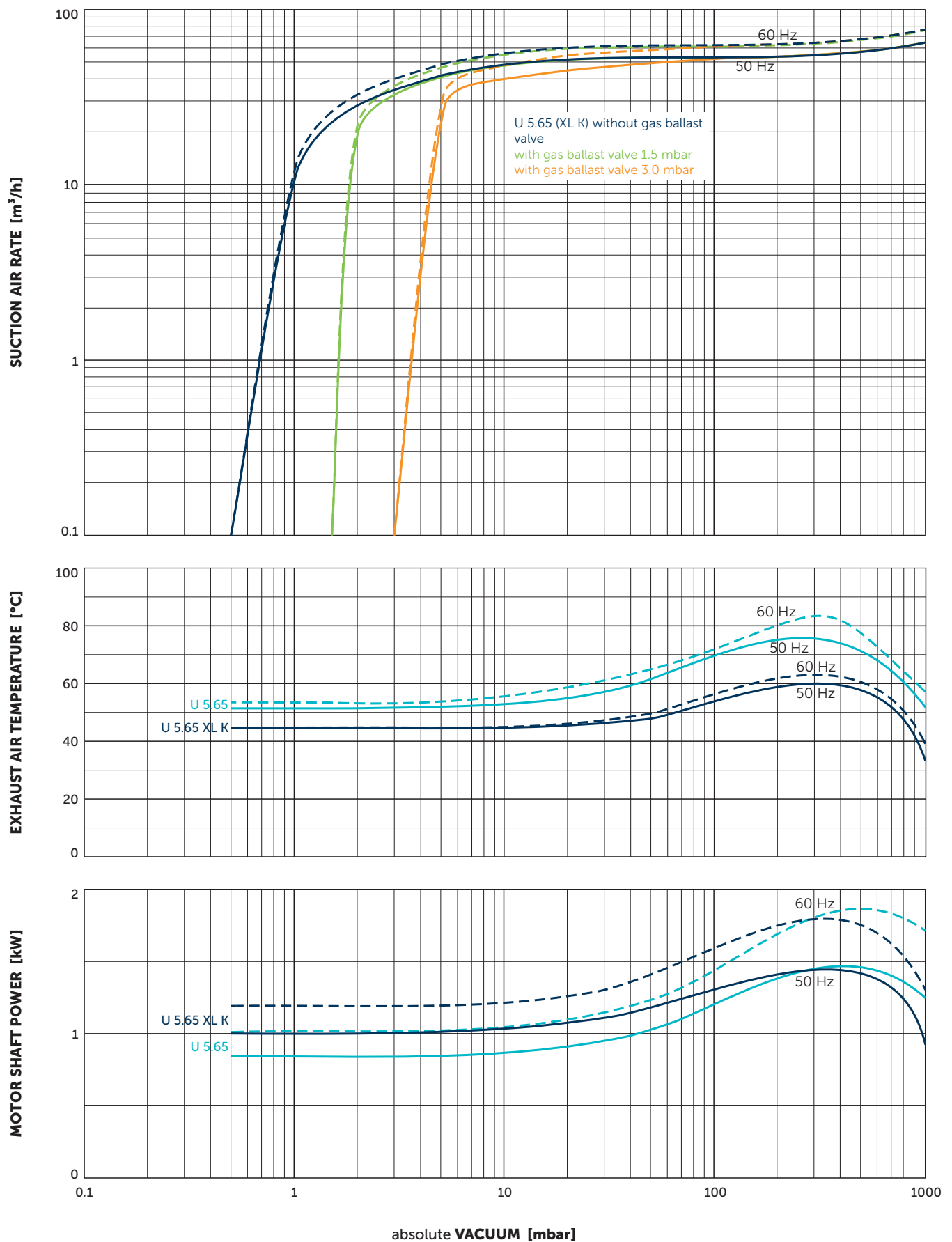
	Nominal capacity		Vacuum absolute for continous operation		Installed motor power		Emission sound pressure level ¹⁾		Weight w/o motor	Oil ²⁾
	m³/h		mbar		kW		dB(A)		kg	l
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
U 5.65 XL K	65	78	0.5–300	0.5–300	1.5–1.8	1.8	72	74	≈36	2.0
U 5.65	65	78	0.5–100	0.5–100	1.5–1.8	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

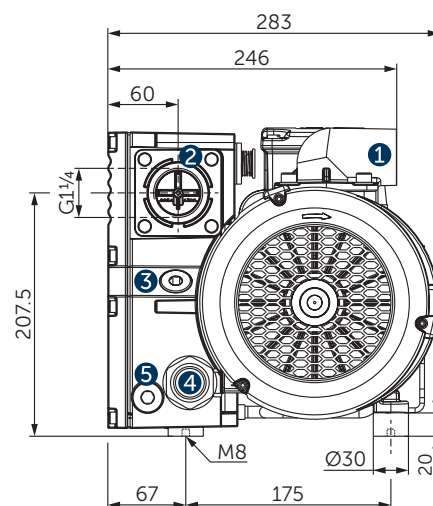
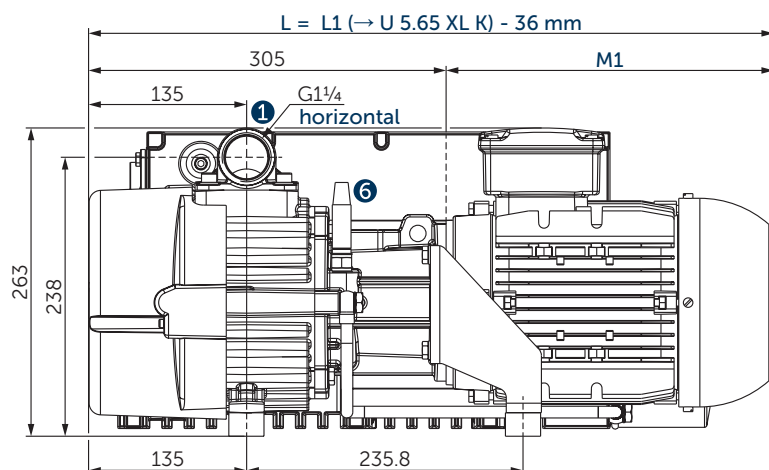
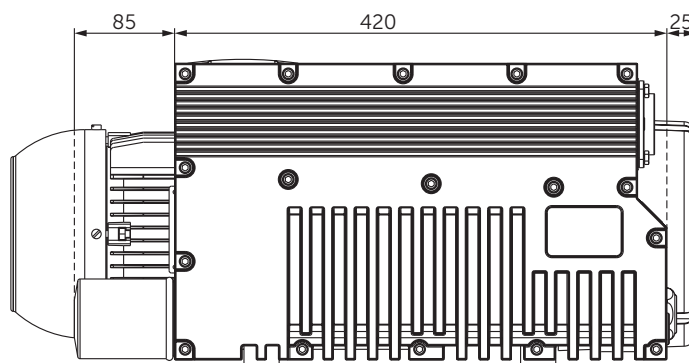
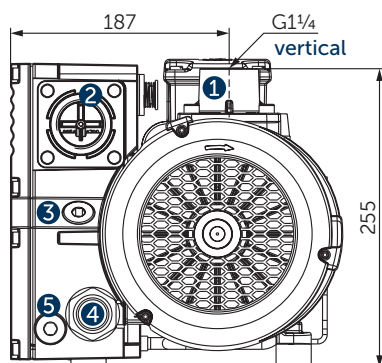
- Water vapour tolerance U 5.65 XL K max. 20.5 mbar / U 5.65 max. 33.8 mbar, water vapour capacity max. 0.5 l/h (at 85°C operating temperature)



Suction air rate refers to the intake pressure
 Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
 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 [inch]

ACCESSORIES

- Becker Lube¹⁾
 - **M 100** mineral
 - **S 100** synthetic
 - **SL 100** food
 - **SM 100** food

¹⁾ Application see operating instructions

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