

DATA SHEET

U 5.45

ROTARY VANE VACUUM PUMPS

oil-lubricated
air-cooled

MAKE IT BECKER.

MODULAR

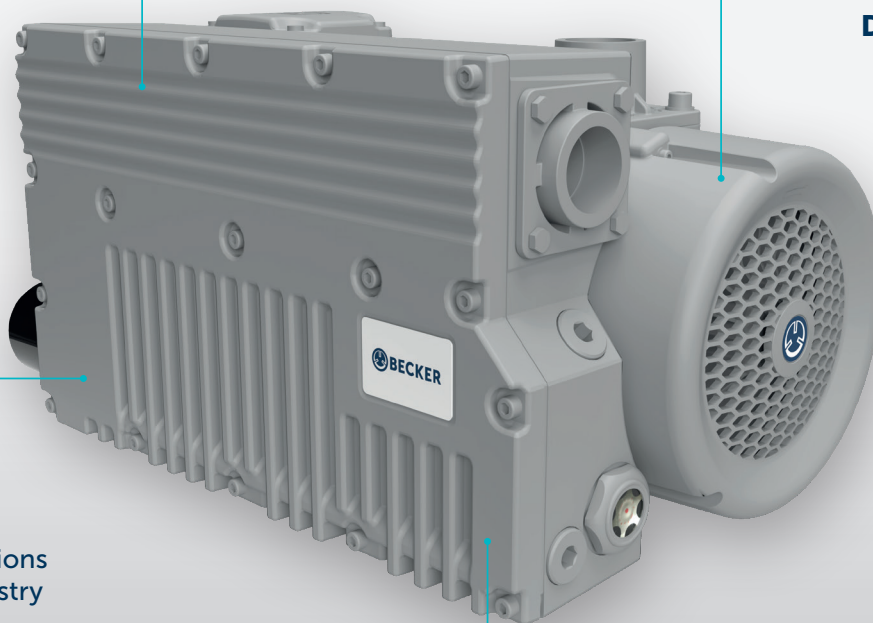
**ROBUST AND
DURABLE**

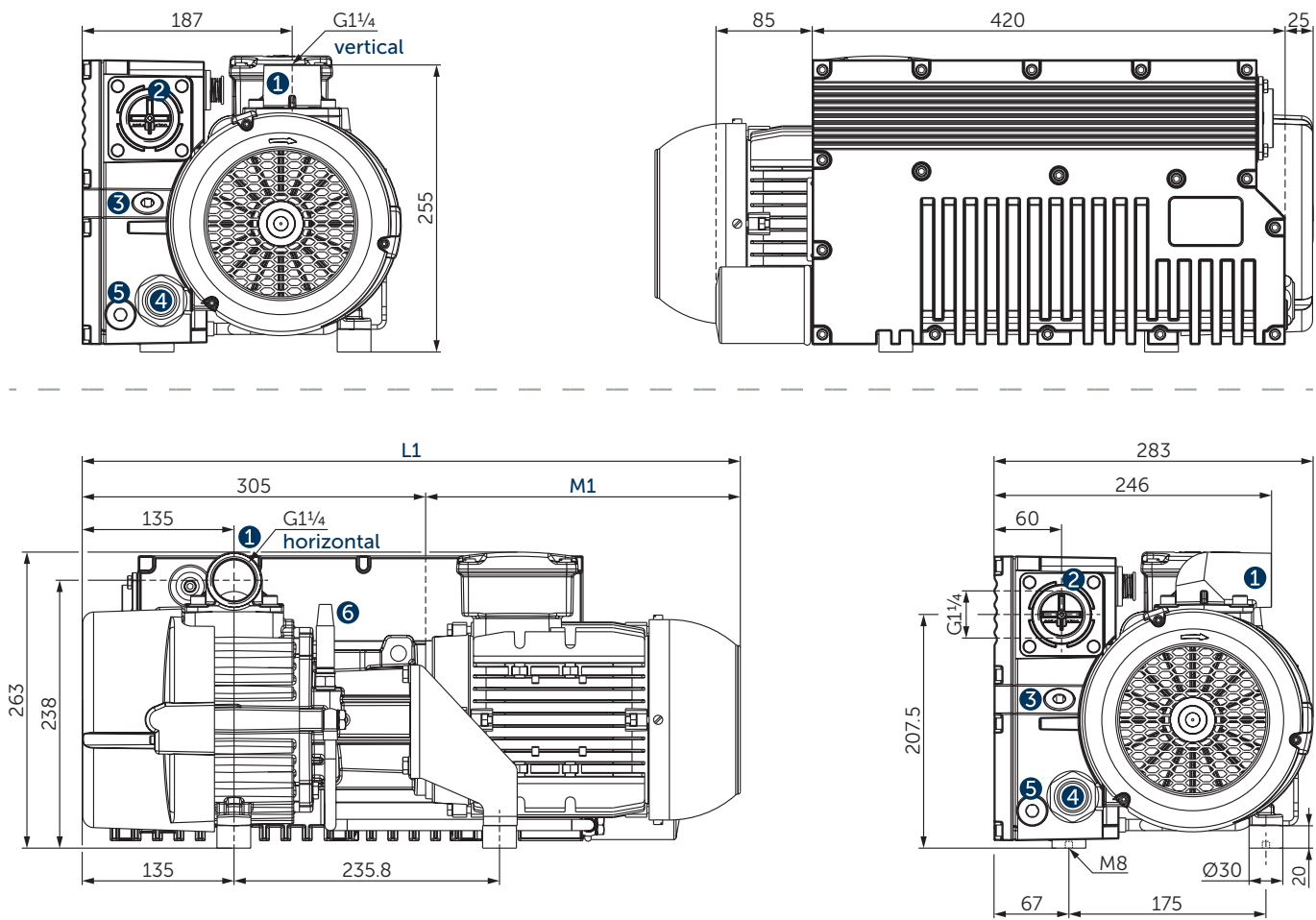
QUIET

lower noise emissions
compared to industry
standard

COMPACT

and shorter compared
to industry standard





- 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 1.5 mbar absolute, alternative valve on request
- 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

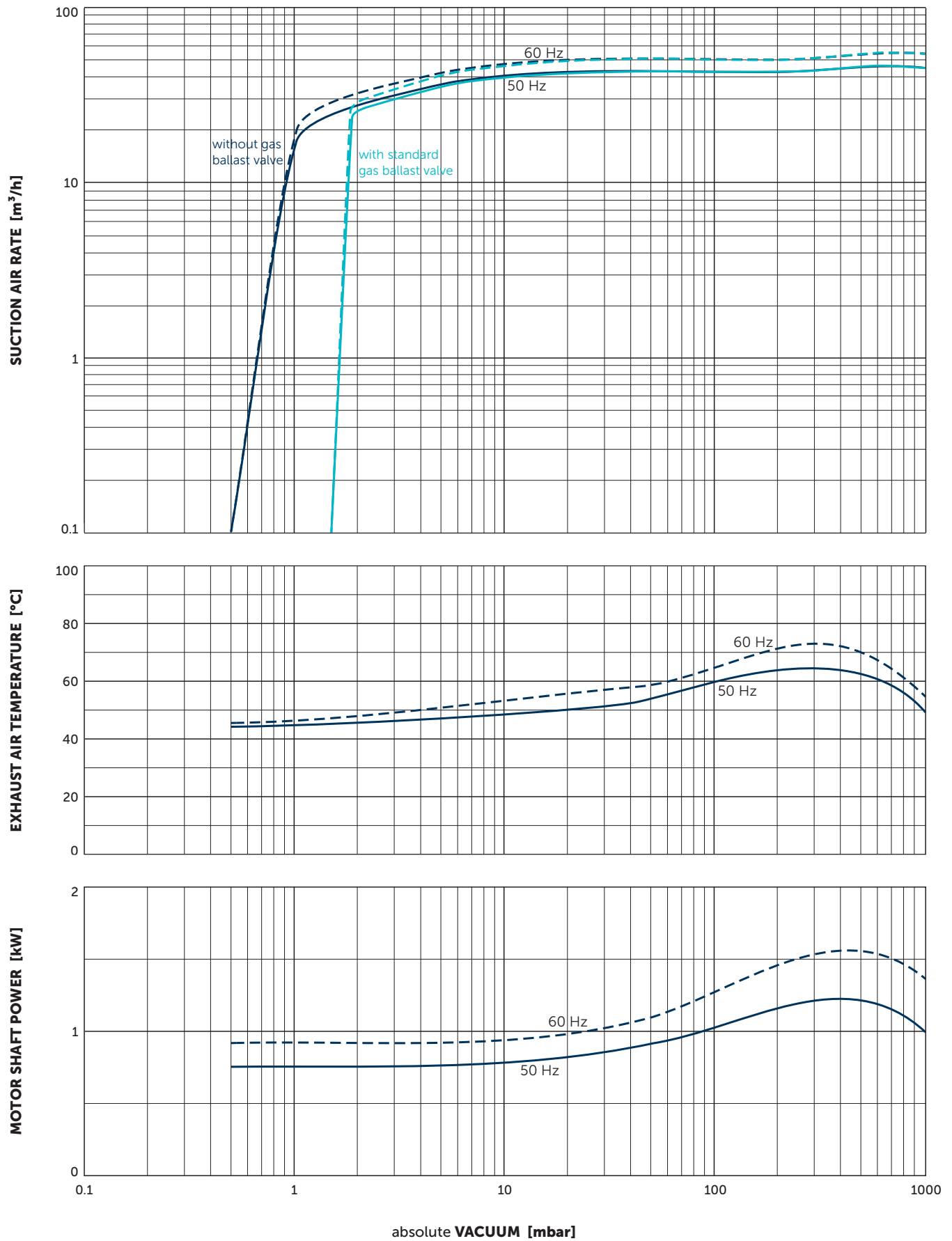
Nominal capacity		Vacuum absolute for continous operation		Installed motor power		Emission sound pressure level ¹⁾		Weight w/o motor	Oil ²⁾
m³/h		mbar		kW		dB(A)		kg	l
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
45	54	0.5 ³⁾ – 300	0.5 ³⁾ – 300	1.5–1.8	1.8	62	64	≈31	1,0

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} and K_{WA} 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 max. 19.2 mbar, water vapour capacity max. 0.27 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: $\pm 10\%$

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HOMEPAGE
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