

DATA SHEET

**U 5.45**

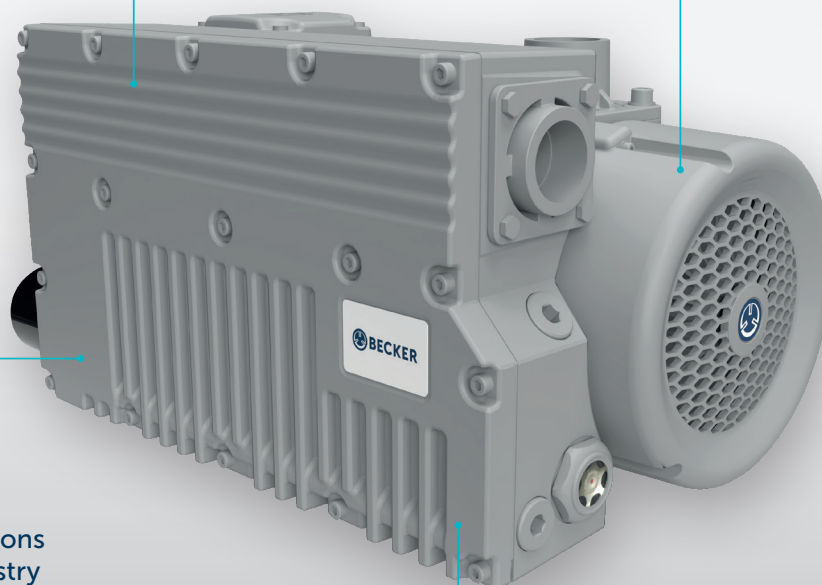
# ROTARY VANE VACUUM PUMPS

oil-lubricated  
air-cooled

**MAKE IT BECKER.**

**MODULAR**

**ROBUST AND  
DURABLE**



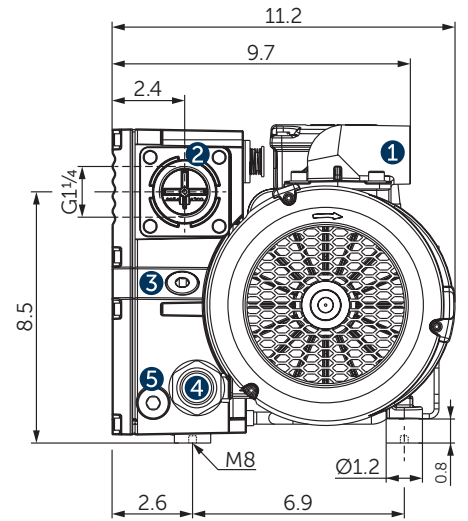
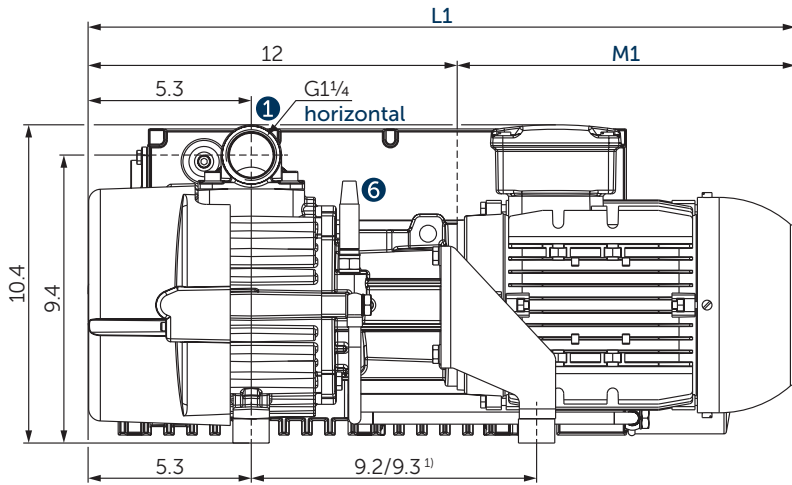
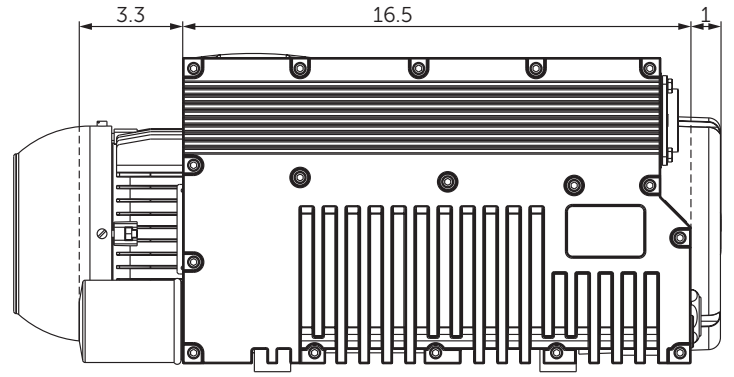
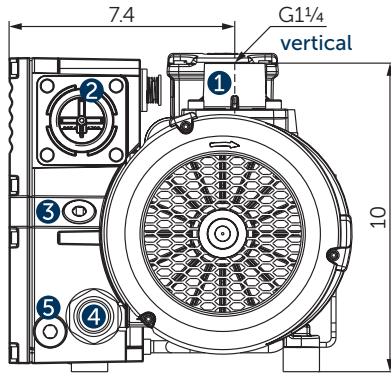
**QUIET**

lower noise emissions  
compared to industry  
standard

**COMPACT**

and shorter compared  
to industry standard





- 1 Vacuum connection (G1<sup>1/4</sup>) vertical or horizontal, rotatable in 90° steps
- 2 Threaded connector for exhaust air (G1<sup>1/4</sup>)
- 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<sub>1</sub> with motor. L<sub>1</sub> and M<sub>1</sub> are variable, see separate motor specification sheet.
- <sup>1)</sup> Motor dependent
  - Including oil filter, vibration dampers, integrated non-return valve and integrated oil separator
  - The motor illustration may vary.
  - Dimensions in inch

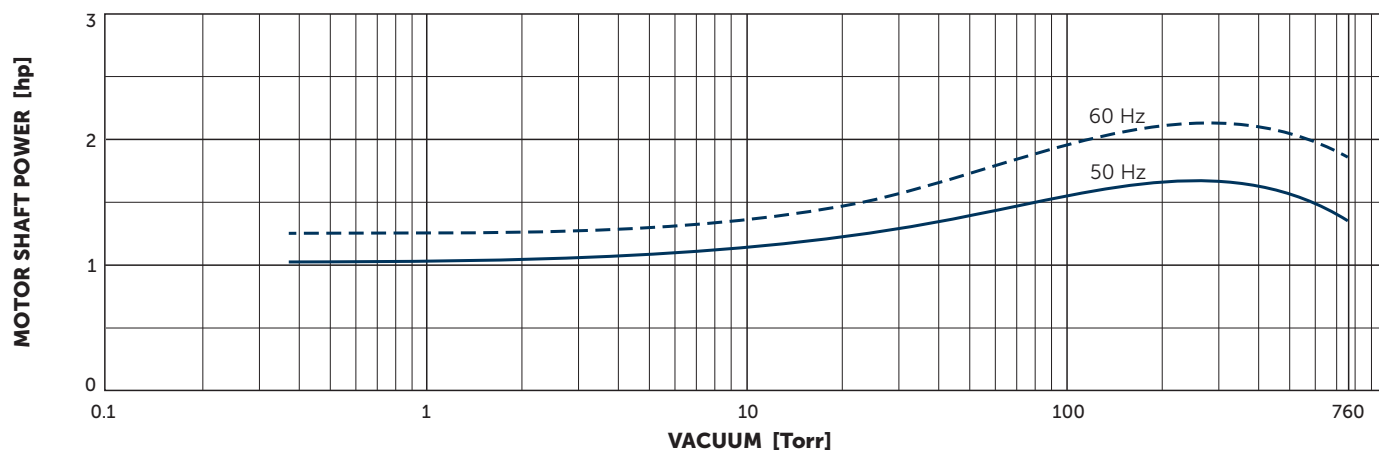
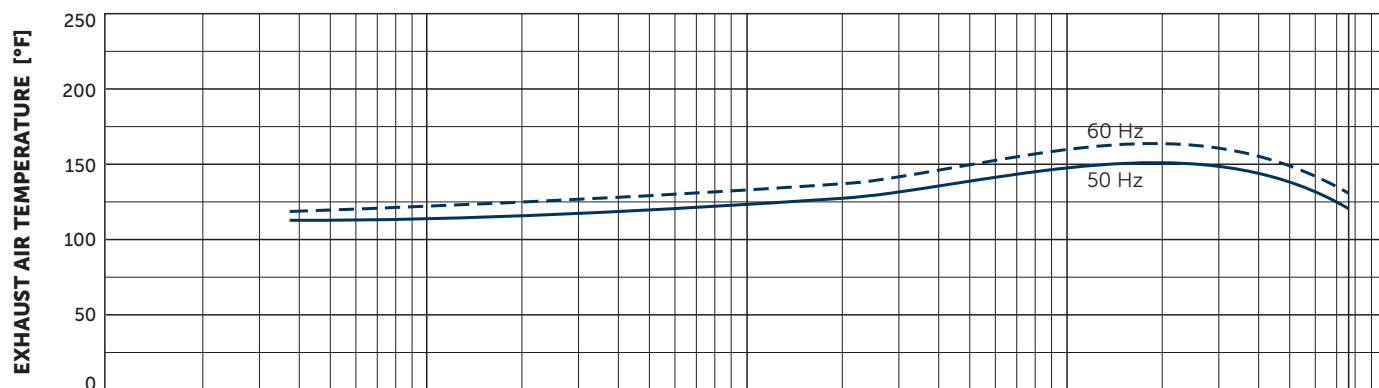
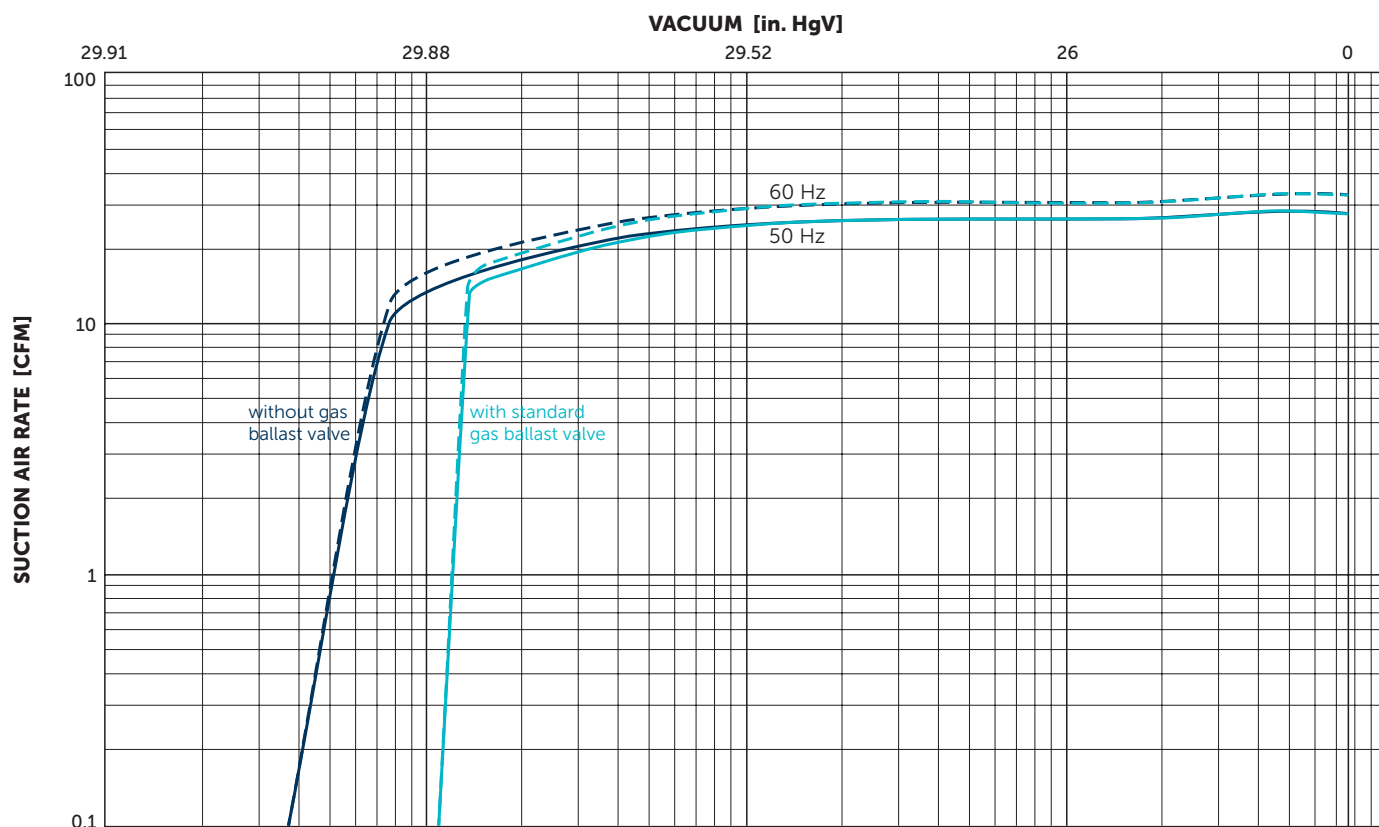
Nominal capacity		Vacuum absolute for continous operation		Installed motor power		Emission sound pressure level <sup>1)</sup>		Weight w/o motor	Oil <sup>2)</sup>		
CFM		Torr		hp		dB(A)		lbs	U.S. gal.		
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz				
26.5	31.8	0.375 <sup>3)</sup>	–225	0.375 <sup>3)</sup>	–225	2.0	2.0–2.4	62	64	≈68	0.264

<sup>1)</sup> Emission sound pressure level, with the highest measured values, L<sub>pA</sub> (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<sub>pA</sub> and K<sub>WA</sub> of 3 db.

<sup>2)</sup> Oil types and application see operating instructions

<sup>3)</sup> Without gas ballast valve

▪ Water vapour tolerance max. 14.6 Torr, water vapour capacity max. 0.07 U.S.gal./h (at 185°F operating temperature)



Suction air rate refers to the intake pressure  
 Reference data (atmosphere): 0 In. HgV / 760 Torr, 68°F  
 Tolerance: ±10%

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