

DATA SHEET

**U 4.400**

# ROTARY VANE VACUUM PUMPS

oil-lubricated  
air-cooled

**MAKE IT BECKER.**

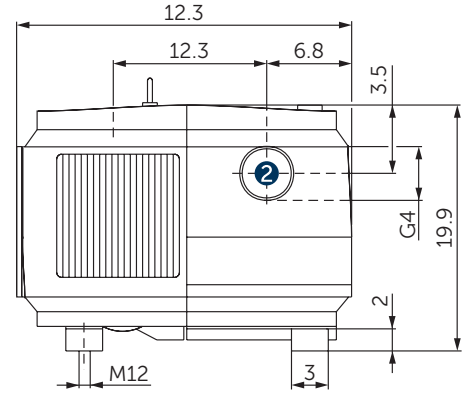
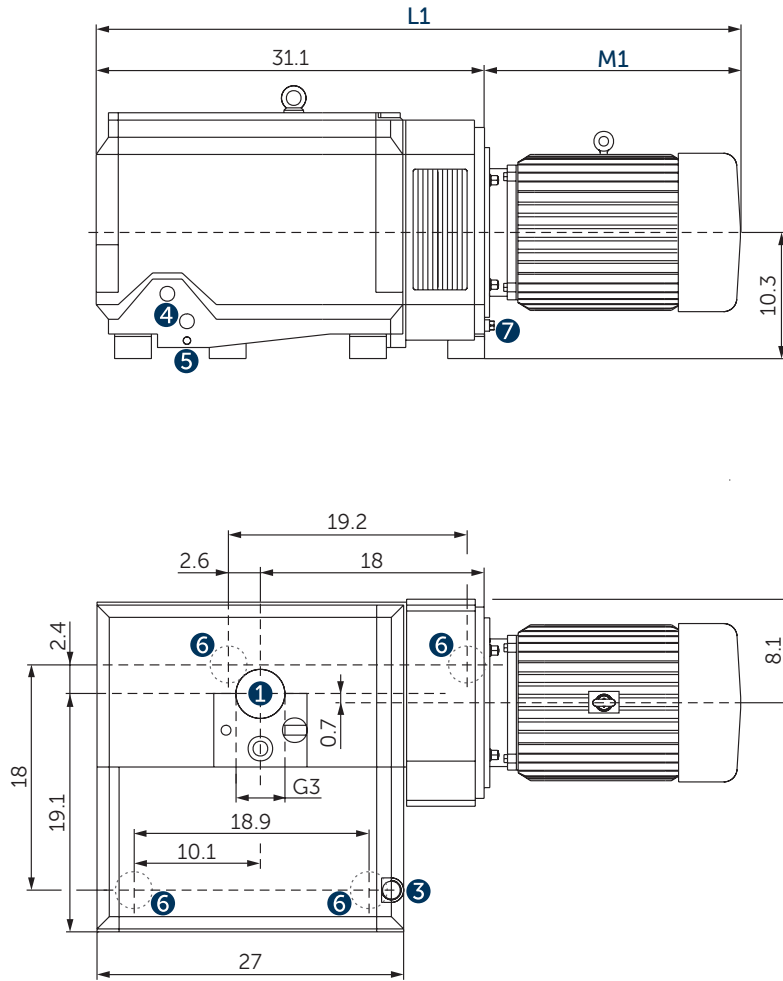
**ROBUST**

**DURABLE**



**DESIGNED FOR  
CONTINUOUS OPERATION**



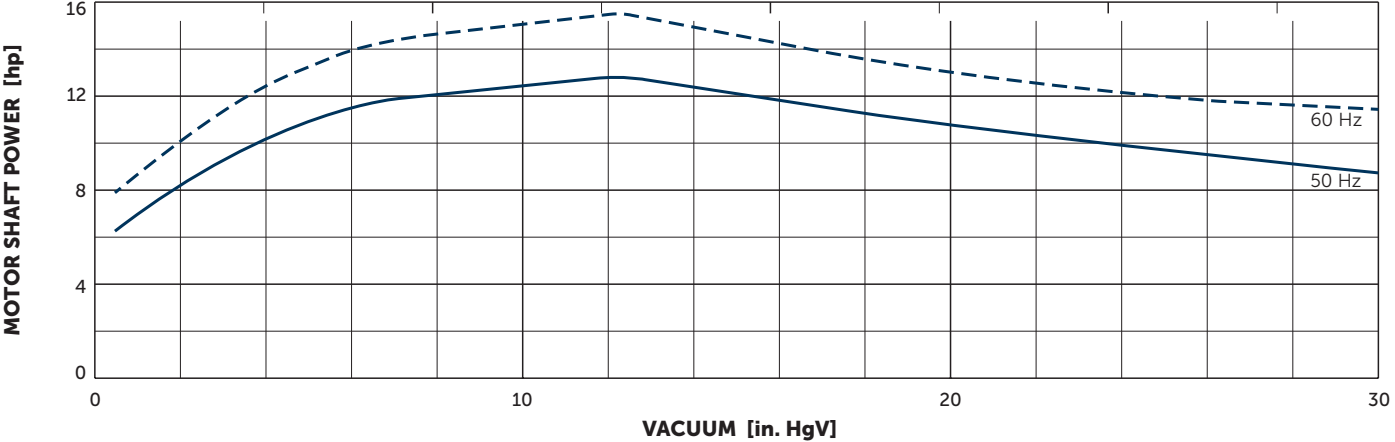
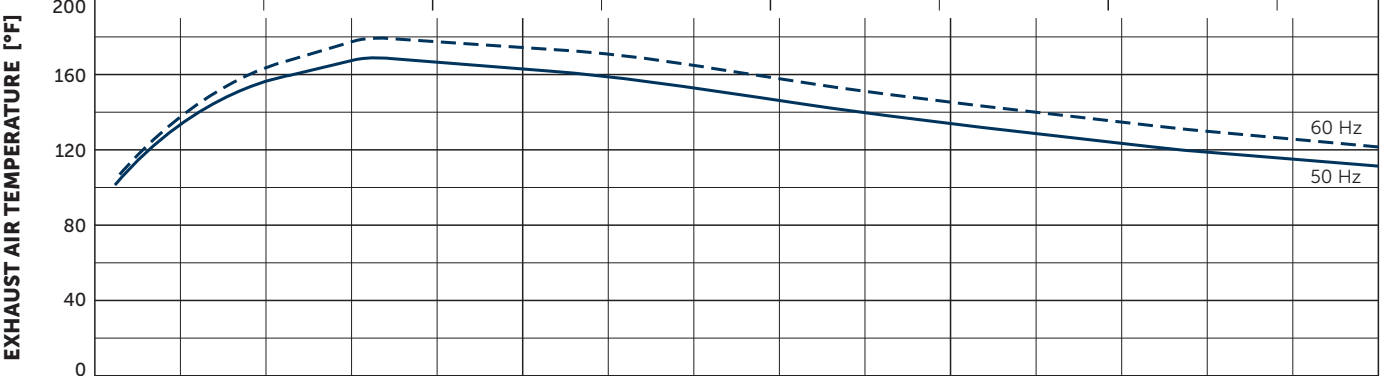
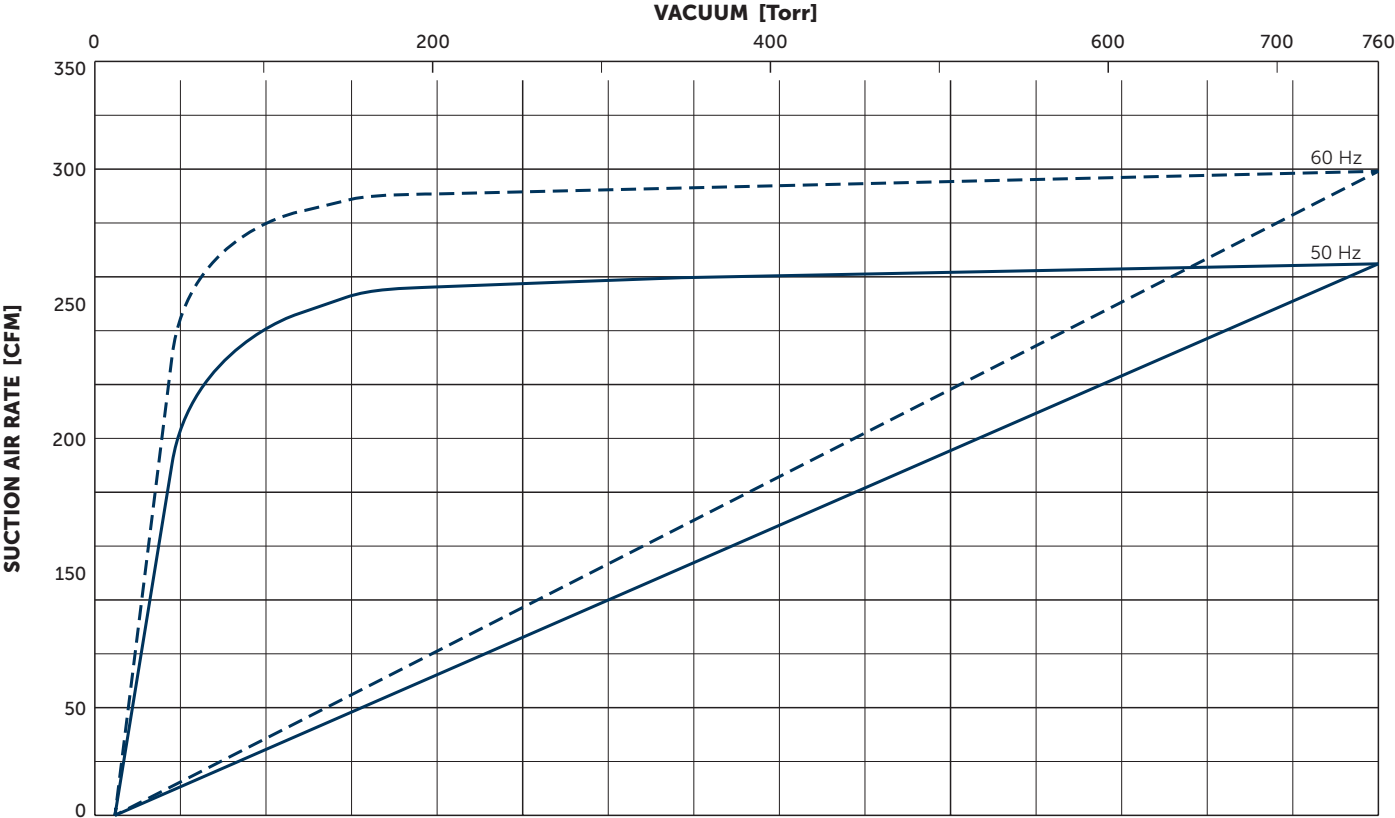


- 1 Vacuum connection (G3)
- 2 Exhaust air connection (G4)
- 3 Oil filler cap
- 4 Oil sight glass
- 5 Screw plug for oil drain
- 6 Rubber buffer position
- 7 PT100
- L Overall device length L1 with motor.
- L1 and M1 are variable, see separate motor specification sheet.
- incl. non-return valve and oil separator
- The motor illustration may vary
- Dimensions in inch

	Nominal capacity		Vacuum		Installed motor power		Emission sound pressure level <sup>1)</sup>		Weight w/o motor	Oil <sup>2)</sup>
	CFM		Torr		hp		dB(A)			
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	lbs	U.S. gal.
<b>U 4.400 SA/K</b>	256	299	2.25	2.25	14.8	17.7	78	81	613	3.7
<b>U 4.400 F/K</b>	256	299	0.375	0.375	14.8	17.7	78	81	613	3.7

<sup>1)</sup> DIN EN ISO 3744 (KpA = 3 dB(A)), interval of 39.4 inch, at medium load, both connection sides piped

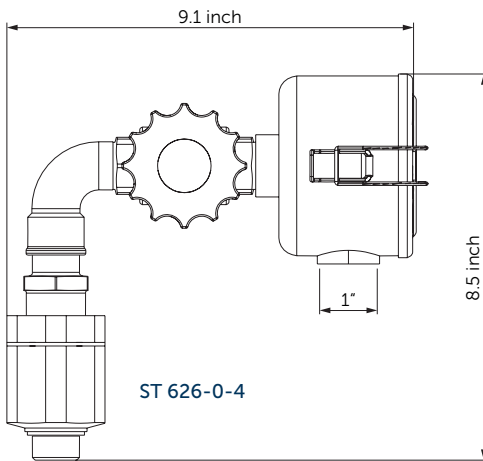
<sup>2)</sup> Becker Synthetic Oil, Becker Premium Synthetic Oil (PAO) and Becker Food Grade Vacuum Pump Oil  
 ▪ Reference data (atmosphere): 0 In. HgV / 760 Torr, 68°F; Tolerance: ±5%



Suction air rate refers to the intake pressure  
Reference data (atmosphere): 0 In. HgV / 760 Torr, 68°F; Tolerance: ±5%

## + ACCESSORIES

- Gas ballast valve ST 626-0-4 (no. 76870499626)
- Temperature trigger unit for monitoring the pump temperature with the use of the integrated temperature sensor PT100<sup>1)</sup>
- Temperature monitor TW for monitoring the oil temperature<sup>1)</sup>
- Oil level switch ST 682-0-2 for monitoring the oil level<sup>1)</sup>
- Oil bath heating and thermostat
- Maintenance indicator ST 691-0-1 for oil separating elements (no. 91680099691)
- Oil-to-water heat exchanger
- External suction filter, e.g. FV 540<sup>1)</sup>
- Oil: Becker Lube M100 mineral, S100 synthetic and SL100 food



Temperature trigger unit



Temperature monitor TW



Oil level switch ST 682-0-2



Maintenance indicator ST 691-0-1



Example for an external suction filter

<sup>1)</sup> See separate data sheet

- Combination options on request

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U SERIES



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