

DATA SHEET

VTLF 2.500

ROTARY VANE VACUUM PUMPS

oil-free
air-cooled

MAKE IT BECKER.

**ROBUST
CONSTRUCTION**

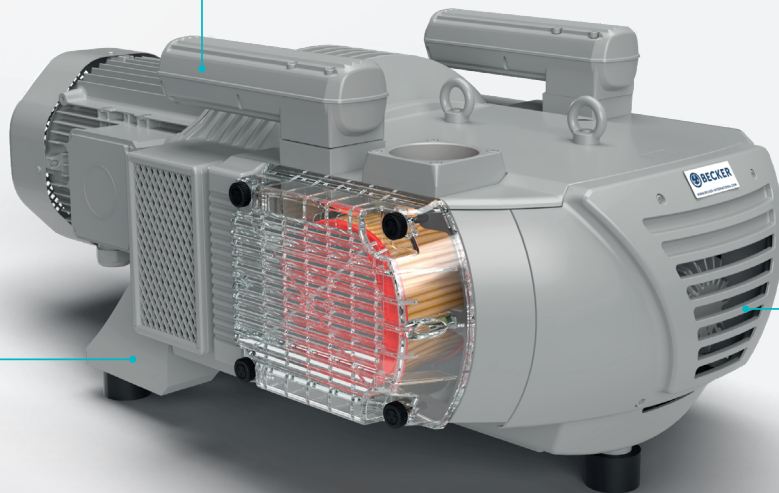
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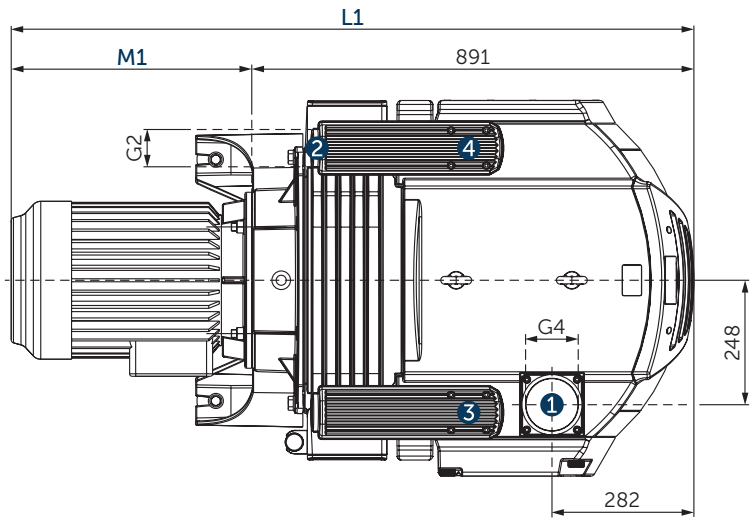
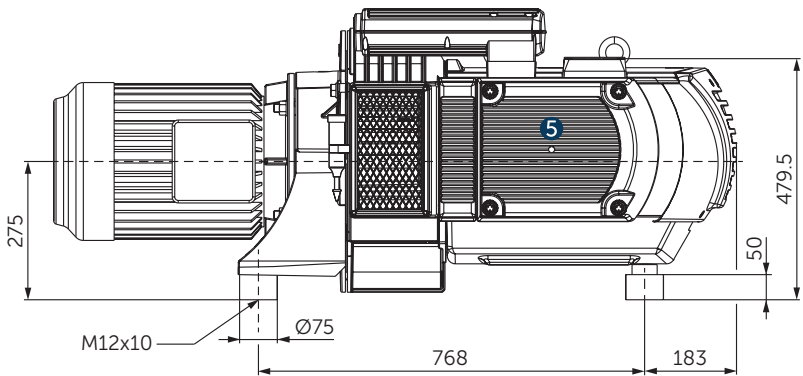
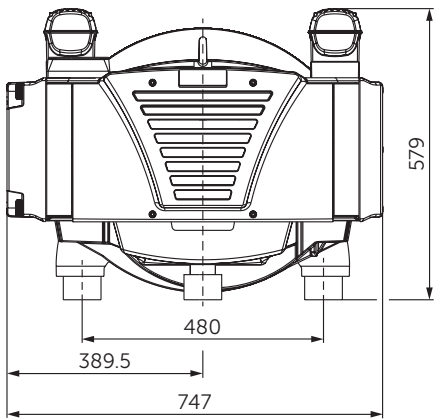
**SERVICE-FRIENDLY DESIGN
WITH OPTIMISED FILTRATION**

**NOISE-REDUCING
TECHNOLOGY**

3



- 1** Thanks to high-quality construction, vacuum pumps are both durable and reliable, suitable for demanding conditions.
- 2** The transparent filter cover makes it easy to spot contamination, while the larger filter surface extends the time between replacement intervals. With simple, on-site maintenance, downtime is minimised.
- 3** Effective noise-reducing features help lower noise levels, contributing to a more pleasant working environment.

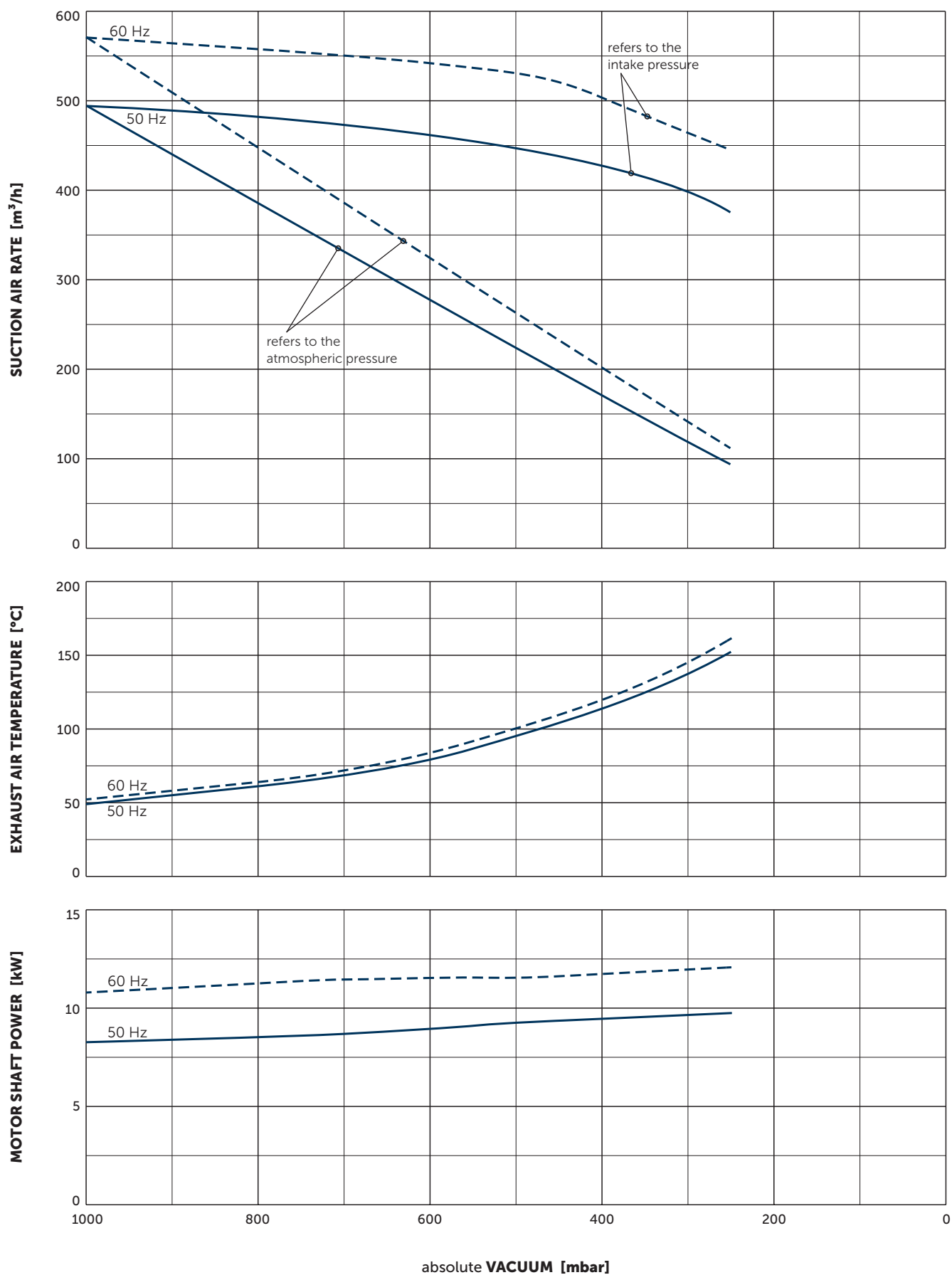


- 1 Vacuum connection (G4")
- 2 Exhaust air connection (G2")
- 3 Vacuum relief valve with silencer
- 4 Blow-off valve with silencer
- 5 Suction filter
- L Overall device length **L1** with motor. **L1** and **M1** are variable, see [motor specification sheet](#).
- The motor illustration may vary.
- Dimensions in mm

Suction air rate		Vacuum absolute		Installed motor power		Emission sound pressure level ¹⁾		Weight w/o motor
m³/h		mbar		kW		dB(A)		kg
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
495	570	250	250	11.0	13.2	79	80	248

¹⁾ According to DIN EN ISO 3744 (KpA = 3 dB(A)), 1 m distance, at medium load, both connection sides piped

- Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: ±5%



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Tolerance: ±5%

VARIANTS AND ACCESSORIES

VXLF 2.500

SERIES X: BECKER INNOVATION WITH TOP WARRANTY

Equipped with specially developed vanes, these oil-free rotary vane pumps distinguish themselves by high abrasion resistance, and with that extremely long service lives. Due to the low wear there is also minimal dust, so the series X pumps are perfectly suited for precision processes under clean room conditions.

This innovation branded by Becker is outstanding not only because of its 100 percent oil-free operation, excellent degree of efficiency and low power consumption.

In the area of sensitive vacuum, series X also guarantees precise low-pulsation air conduction.

Becker guarantees for these pumps a vane life-time of 20,000 operating hours or a maximum of 3 years. The enhanced longevity of X series pumps also extends service life intervals, and can cut out the need for frequent service visits with costly pump failures now no longer an issue.



ADVANTAGES

- Quick, clean and quiet
- Oil-free
- Wear resistant
- Energy saving
- Long-life reliability

OTHER VARIANTS AND ACCESSORIES

- **VARIAIR VTFL 2.500/0-400** with frequency inverter¹⁾
- Integrated non return valve
- Increased corrosion protection
- External suction filter¹⁾
- Sound proof box SH 12¹⁾



VARIAIR VTFL 2.500/0-400



Example for an external suction filter



Sound proof box SH 12

¹⁾ See separate data sheet

- Possible combinations on request

MAKE IT BECKER.



MOTOR
SPECIFICATIONS

www.becker-international.com
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