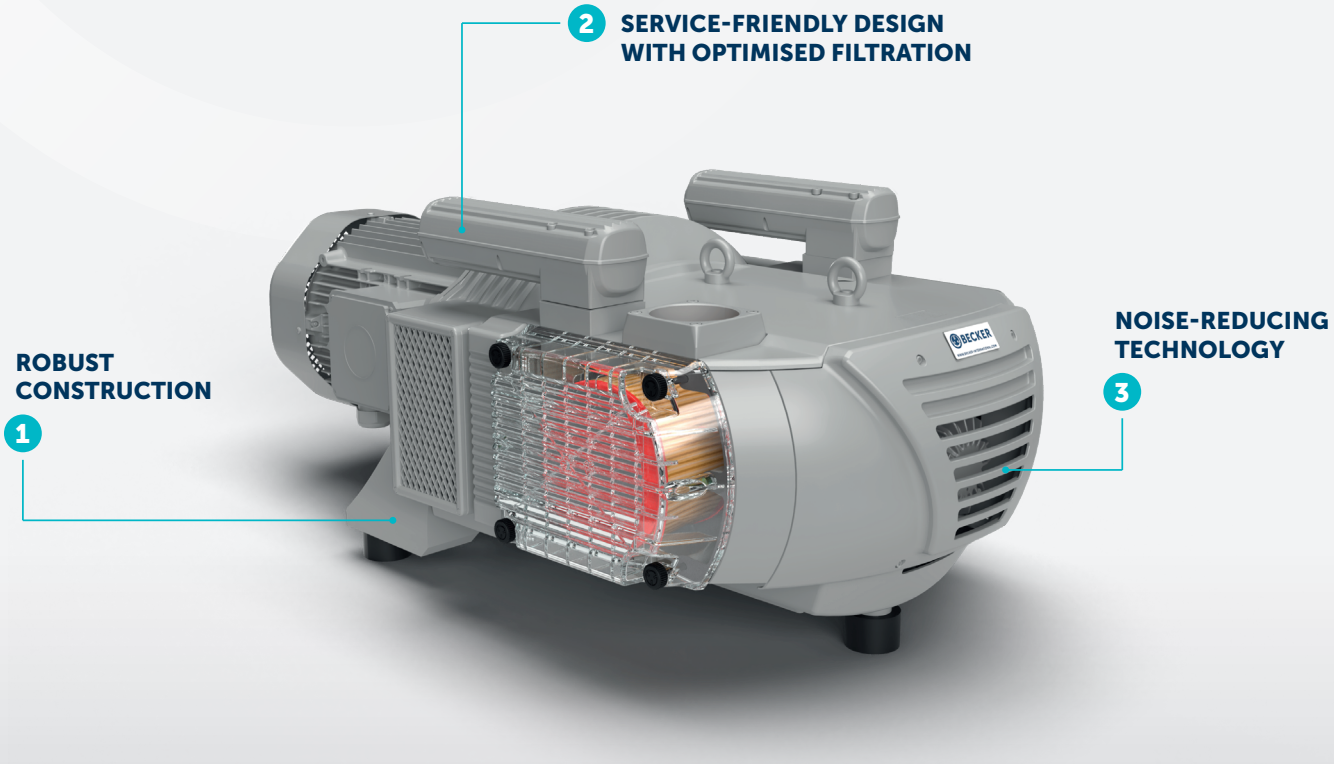
DATA SHEET

VTLF 2.500
ROTARY VANE VACUUM PUMPS

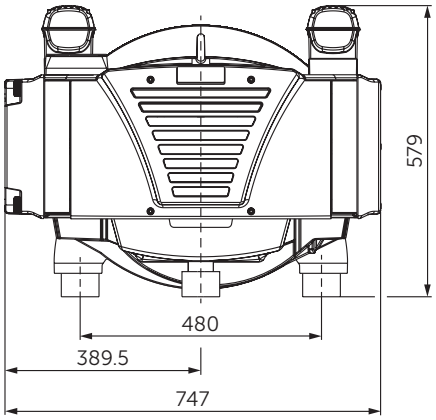
oil-free
air-cooled

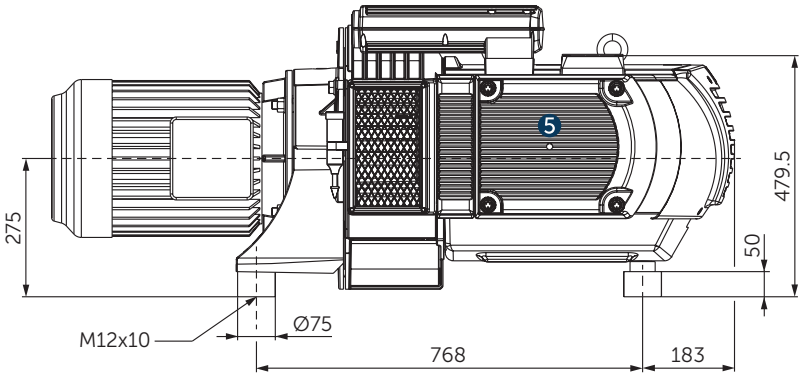
MAKE IT BECKER.

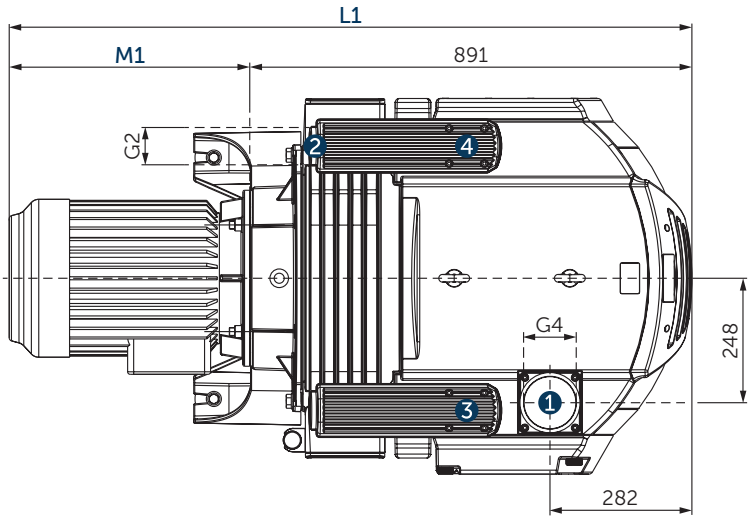


1. Thanks to high-quality construction, vacuum pumps are both durable and reliable, suitable for demanding conditions.
2. The transparent filter cover makes it easy to spot contamination, while the larger filter surface extends the time between replacement intervals. With simple, on-site maintenance,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

BECKER



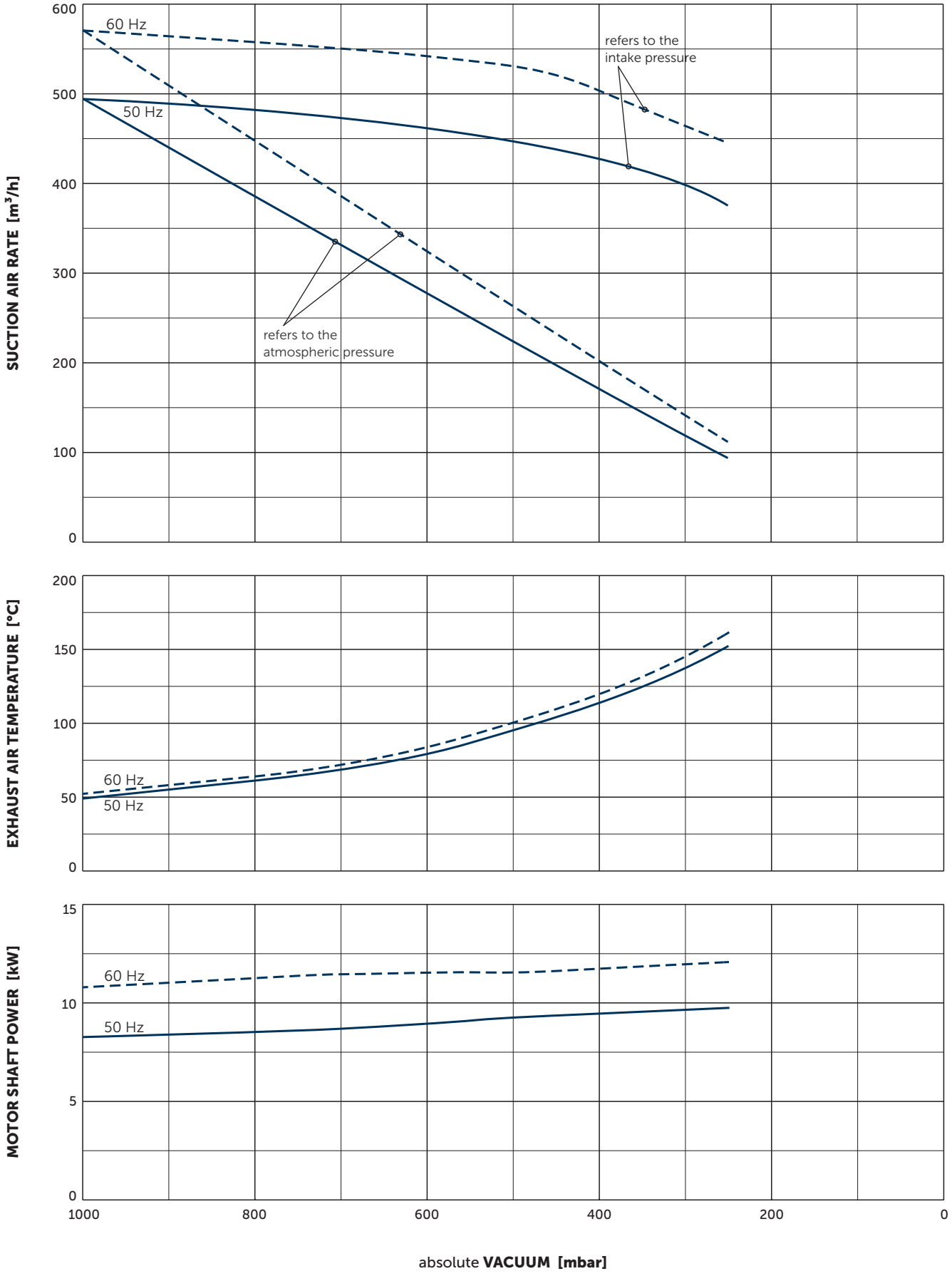




1 Vacuum connection (G4")
2 Exhaust air connection (G2")
3 Vacuum relief valve with silencer
4 Blow-off valve with silencer
5 Suction filter
L Overall device length **L1** with motor. **L1** and **M1** are variable, see motor specification sheet.
- The motor illustration may vary.
- Dimensions in mm

Suction air rate		Vacuum absolute		Installed motor power		Emission sound pressure level [1]		Weight w/o motor
m^3/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%



Reference data (atmosphere): 1000 mbar, 20°C
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 VTLF 2.500/0-400** with frequency inverter [1)]
- Integrated non return valve
- Increased corrosion protection
- External suction filter [1)]
- Sound proof box SH 12 [1)]



VARIAIR VTLF 2.500/0-400



Example for an external suction filter



Sound proof box SH 12

[1)] See separate data sheet
- Possible combinations on request

Right of modification reserved 2025-09-15

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MOTOR
SPECIFICATIONS

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