

DATA SHEET

# VTLF 2.400

## ROTARY VANE VACUUM PUMPS

oil-free  
air-cooled

**MAKE IT BECKER.**

**ROBUST  
CONSTRUCTION**

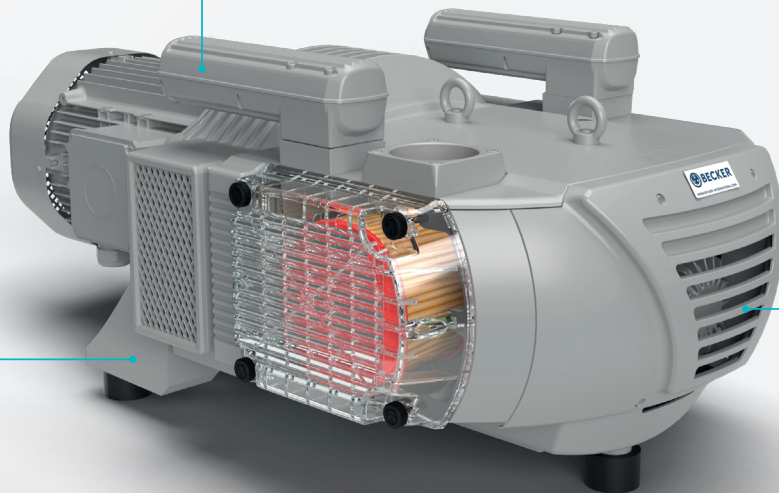
**1**

**2**

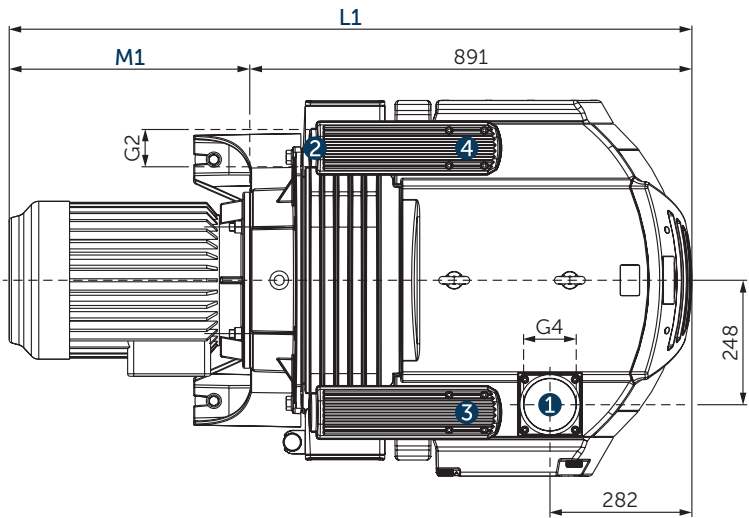
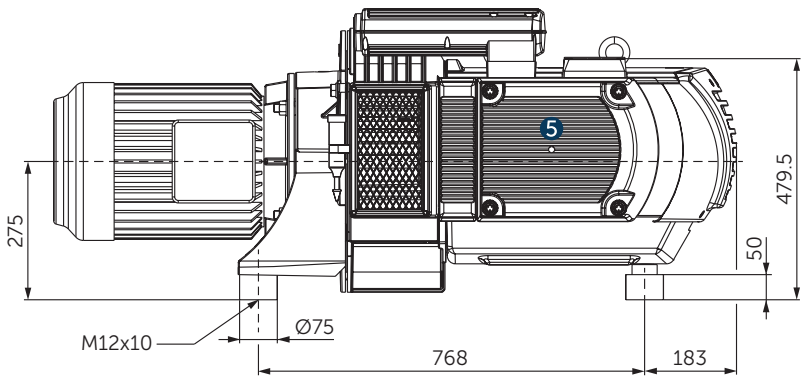
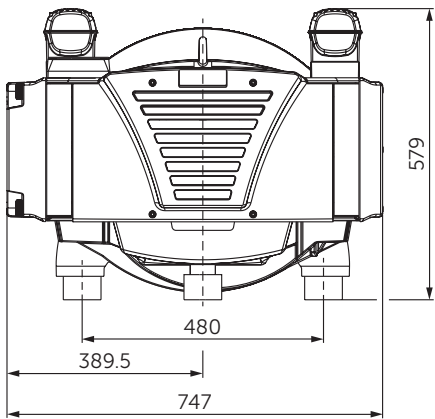
**SERVICE-FRIENDLY DESIGN  
WITH OPTIMISED FILTRATION**

**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.

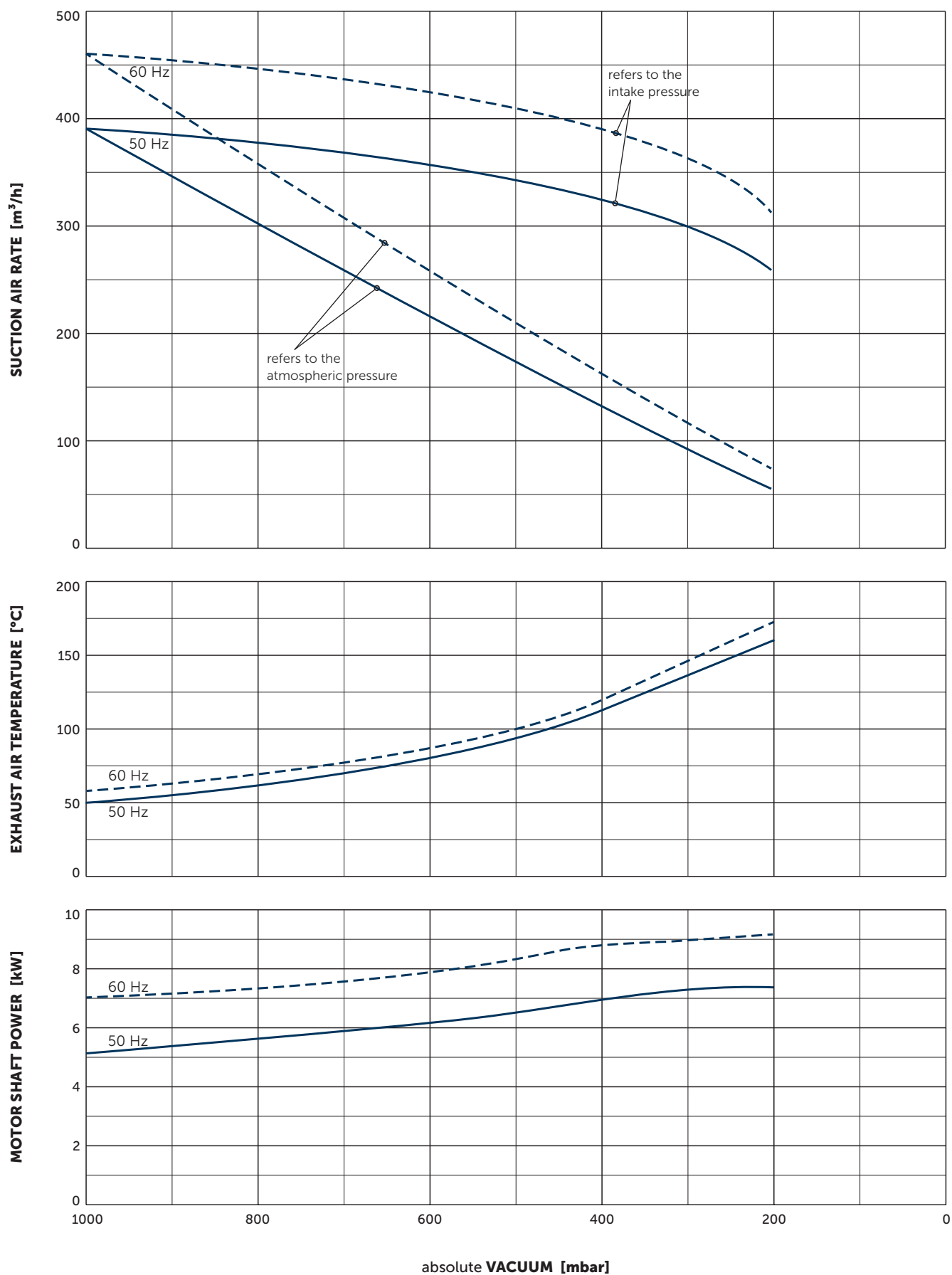


- 1 Vacuum connection (G4")
- 2 Exhaust air connection (G2")
- 3 Vacuum relief valve with silencer
- 4 Blow-off valve with silencer
- 5 Suction filter
- L Overall device length **L1** with motor. **L1** and **M1** are variable, see [motor specification sheet](#).
- The motor illustration may vary.
-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

| Suction air rate |       | Vacuum absolute |       | Installed motor power |       | Emission sound pressure level <sup>1)</sup> |       | 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 |                  |
| 390              | 460   | 200             | 200   | 7.5                   | 9.0   | 77                                          | 79    | 248              |

<sup>1)</sup> 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:  $\pm 5\%$

## VARIANTS AND ACCESSORIES

### VXLF 2.400

#### 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

- Integrated non return valve
- Increased corrosion protection
- External suction filter <sup>1)</sup>
- Sound proof box SH 12 <sup>1)</sup>



Example for an external suction filter



Sound proof box SH 12

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

- Possible combinations on request

**MAKE IT BECKER.**



**MOTOR  
SPECIFICATIONS**

[www.becker-international.com](http://www.becker-international.com)  
[www.becker-international-shop.com](http://www.becker-international-shop.com)

