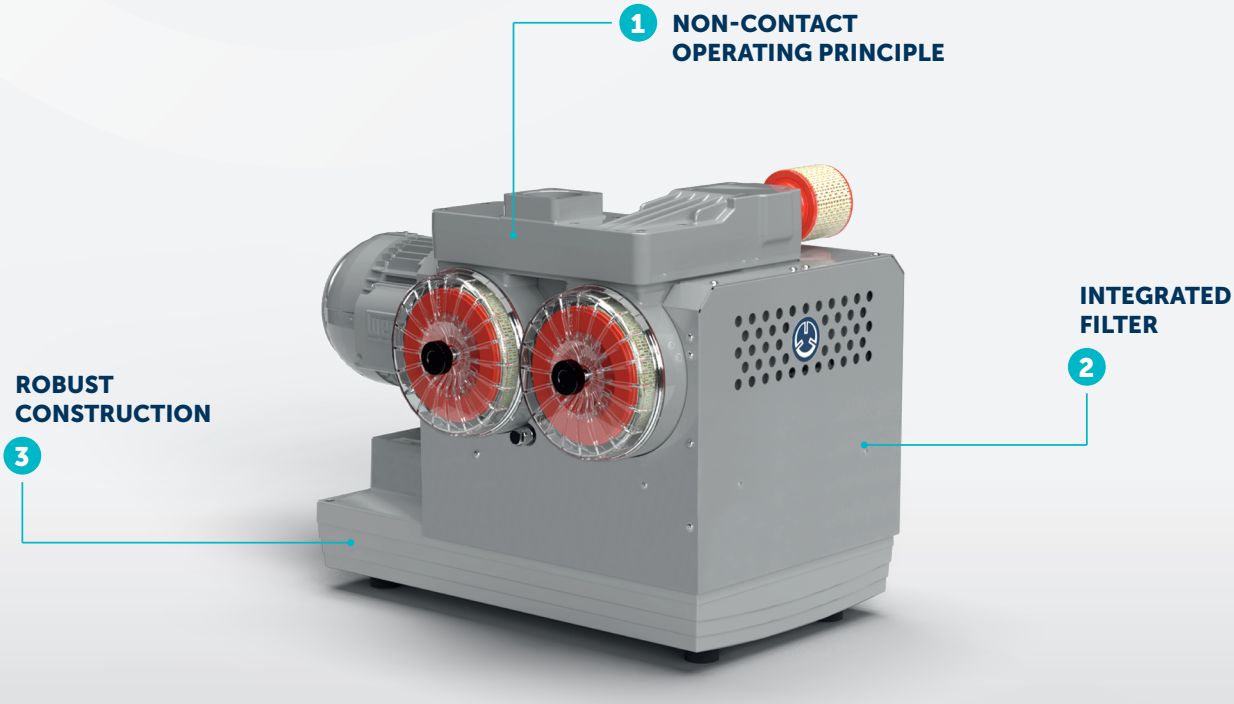
DATA SHEET

BCV 400/500
CLAW VACUUM PUMPS

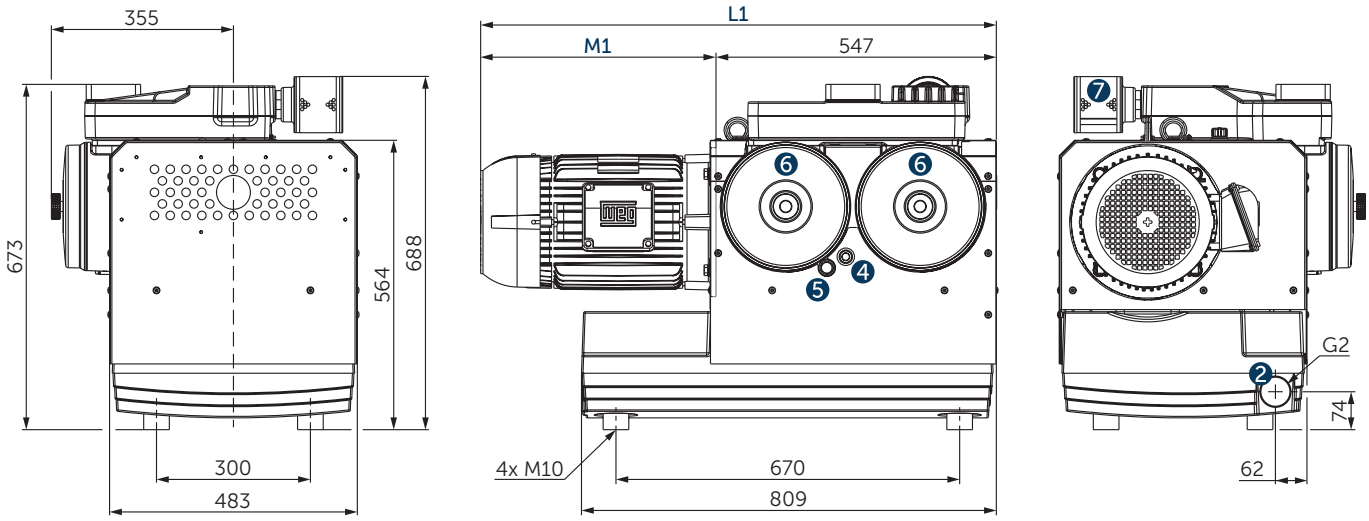
dry and contact free compression
air-cooled

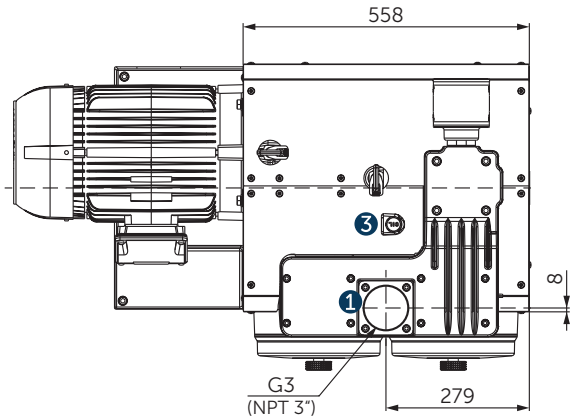
MAKE IT BECKER.



1. Minimal maintenance reduces operating costs and the need for serviceable parts, while maximising efficiency and productivity.
2. The transparent filter cover makes it easy to spot contamination, while the larger filter surface extends the time between replacement intervals, ensuring uninterrupted operation.
3. Thanks to high-quality construction, BCV vacuum pumps are both durable and reliable, suitable for demanding conditions.

BECKER





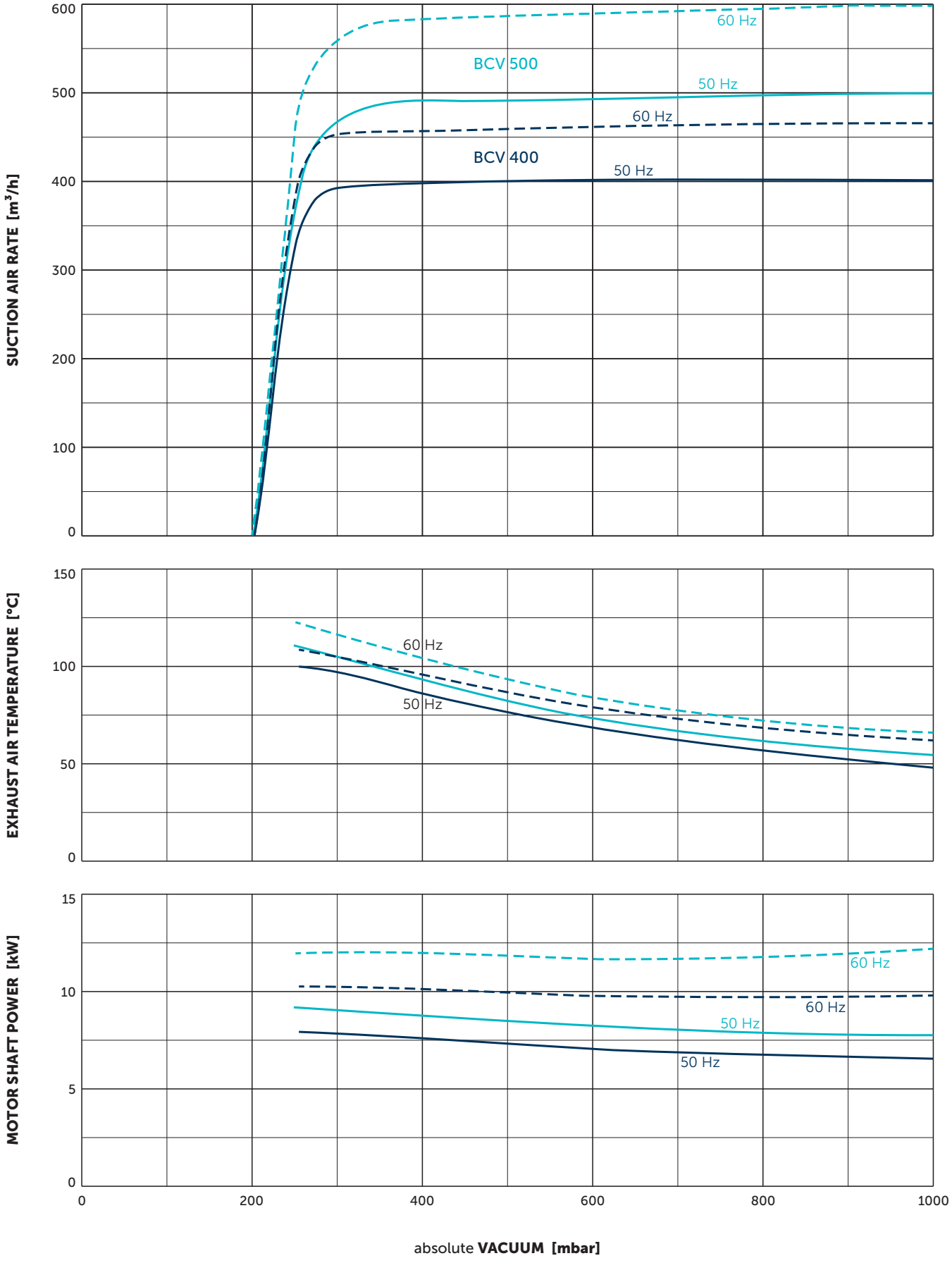
1 Vacuum connection (G3 or NPT 3")
2 Exhaust air connection (G2)
3 Oil filler cap
4 Oil sight glas
5 Screw plug for oil drain
6 Suction filter
7 Suction filter for safety valve
L Overall device length L1 with motor. L1 and M1 are variable, see motor specification sheet.

- The motor illustration may vary.
- Dimensions in mm

	Nominal capacity		Vacuum absolute		Installed motor power		Emission sound pressure level [1]		Weight w/o motor
	m^3/h		mbar		kW		dB(A) @ 400 mbar abs. [2]		kg
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
BCV 400	400	470	200	200	9.2 [3]	11.8 [3]	71	74	284
BCV 500	500	600	200	200	9.2	11.8	74	79	287

[1] Emission sound pressure level, with the highest measured values and integrated filtering, LpA (re 20 µPa): BCV 400 (500) = 77/81 (82/85) dB(A), 50/60 Hz
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 KpA of 3 db.
[2] Measured with integrated filtering, suction and pressure side discharged
[3] The actual power required is lower than the installed motor power. → See characteristic curves for shaft power.

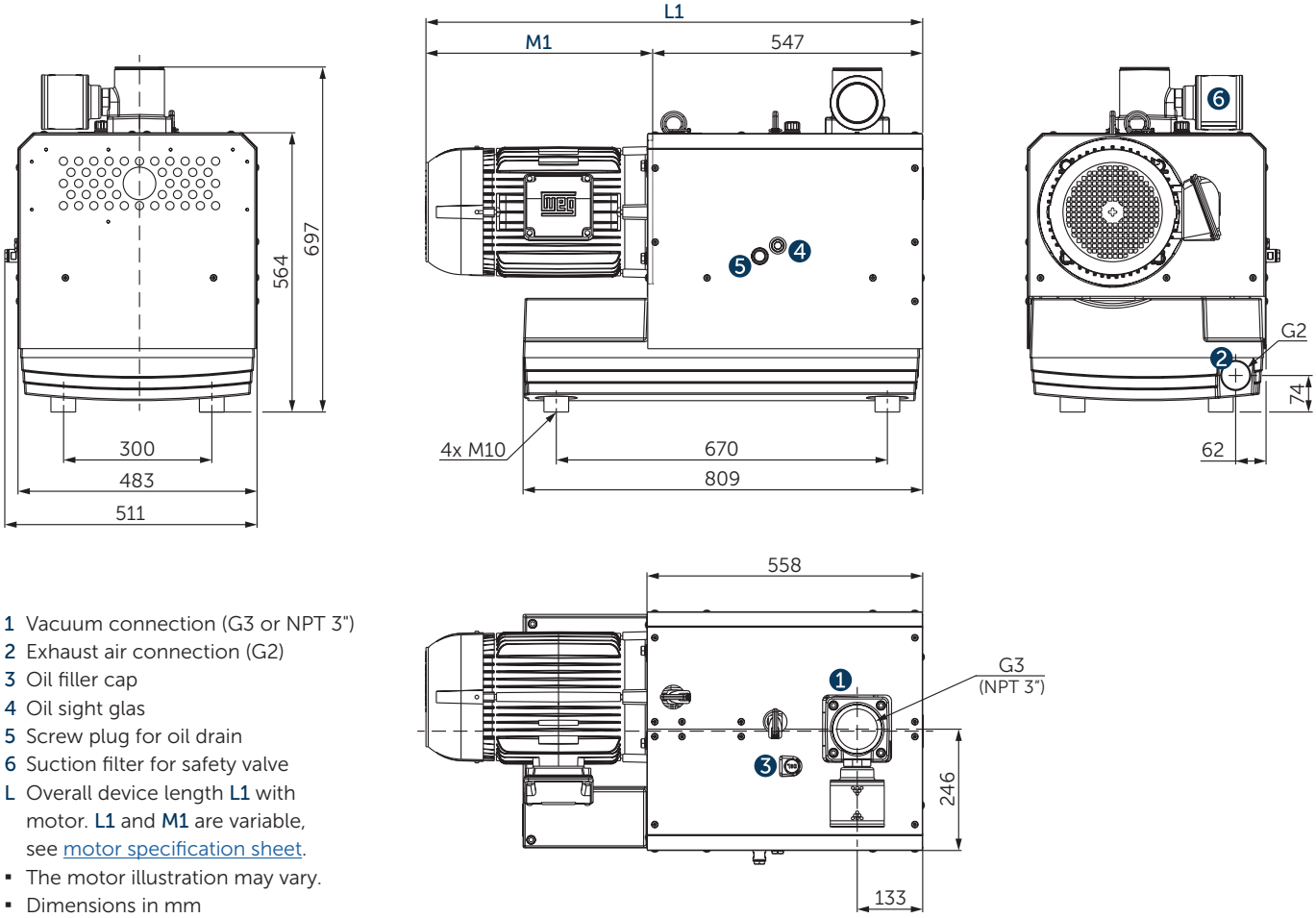
- Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: ±10%



Suction air rate refers to the intake pressure
Reference data (atmosphere): 1000 mbar, 20°C
Tolerance: ±10%

VARIANTS

BCV 400 + BCV 500 without internal filtering



1 Vacuum connection (G3 or NPT 3")
2 Exhaust air connection (G2)
3 Oil filler cap
4 Oil sight glas
5 Screw plug for oil drain
6 Suction filter for safety valve
L Overall device length L1 with motor. L1 and M1 are variable, see motor specification sheet.

- The motor illustration may vary.
- Dimensions in mm

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MOTOR
SPECIFICATIONS

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