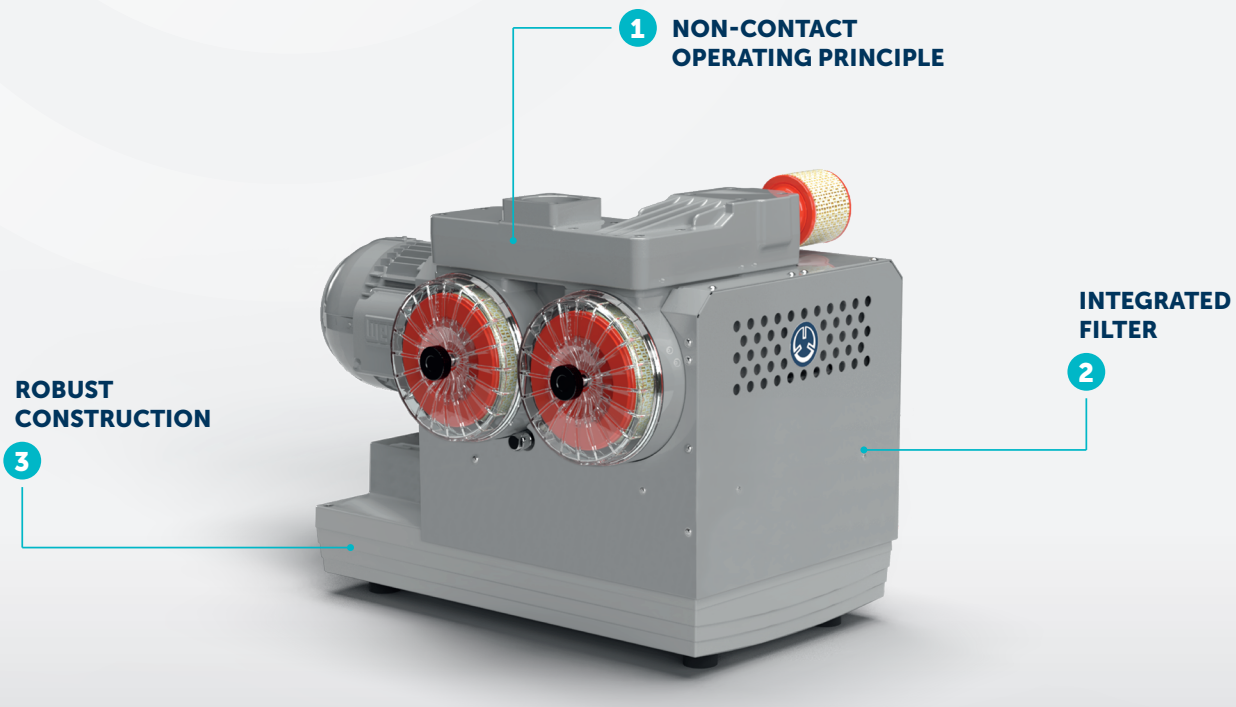
DATA SHEET

BCV 400/500
CLAW VACUUM PUMPS

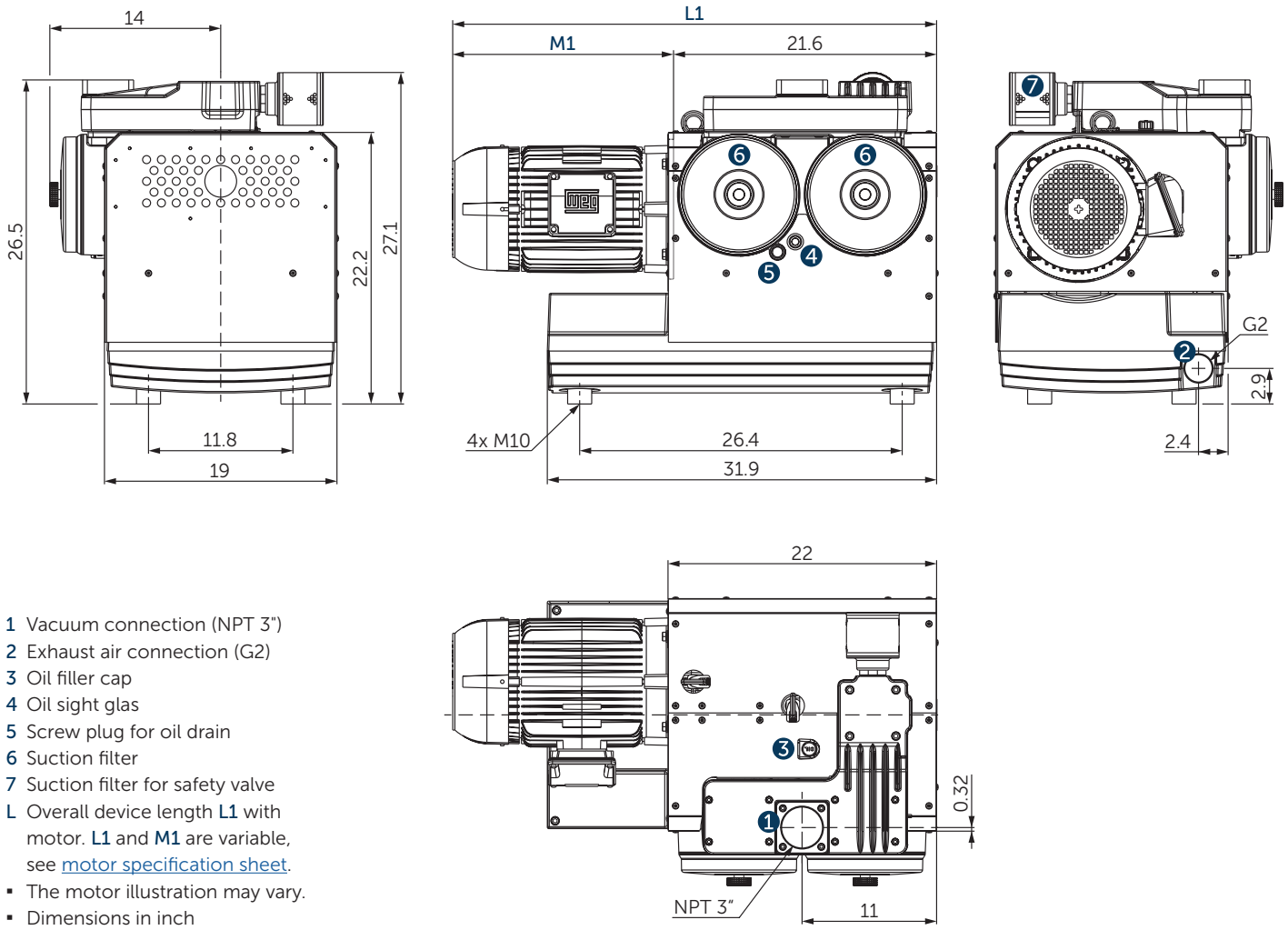
dry and contact free compression
air-cooled

MAKE IT BECKER.



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

BECKER



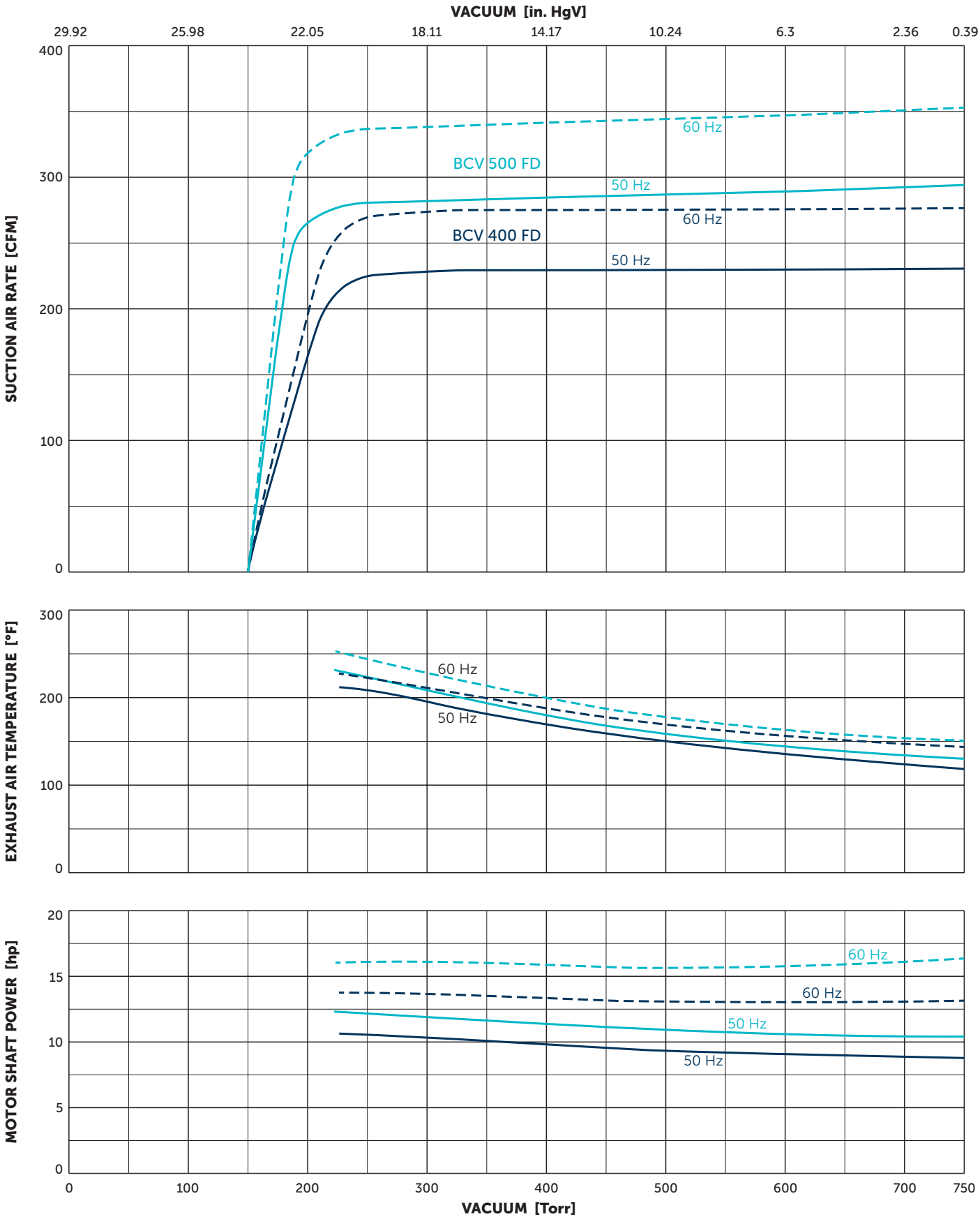
1 Vacuum connection (NPT 3")
2 Exhaust air connection (G2)
3 Oil filler cap
4 Oil sight glas
5 Screw plug for oil drain
6 Suction filter
7 Suction filter for safety valve
L Overall device length **L1** with motor. **L1** and **M1** are variable, see motor specification sheet.

- The motor illustration may vary.
- Dimensions in inch

	Nominal capacity		Vacuum		Installed motor power		Emission sound pressure level [1]		Weight w/o motor
	CFM		Torr	in. HgV	hp		dB(A) @ 300 Torr [2]		lbs
	50 Hz	60 Hz	50 & 60 Hz	50 & 60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
BCV 400	235	277	150	23.6	12.3 [3]	15.8 [3]	71	74	626.2
BCV 500	294	353	150	23.6	12.3	15.8	74	79	632.8

[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.

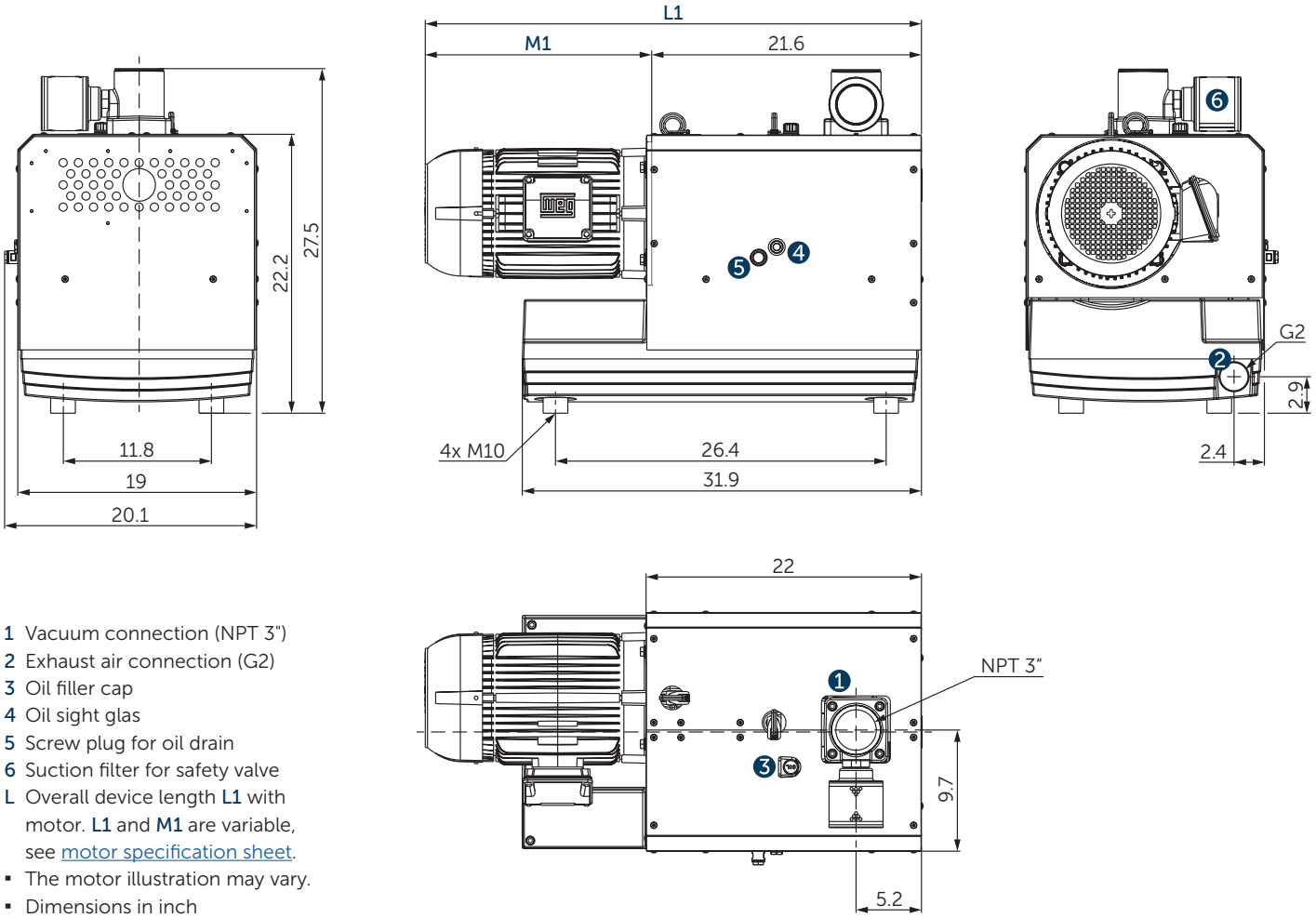
- Reference data (atmosphere): 750 Torr, 68°F; Tolerance: ±10%



Suction air rate refers to the intake pressure
Reference data (atmosphere): 750 Torr, 68°F; Tolerance: ±10%

VARIANTS

BCV 400 + BCV 500 without internal filtering



1 Vacuum connection (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 inch

Right of modification reserved 2025-12-01

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MOTOR
SPECIFICATIONS

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