

DATA SHEET

VARIAIR BCV 150

CLAW VACUUM PUMPS

dry and contact free compression
air-cooled, VARIAIR frequency inverter

MAKE IT BECKER.

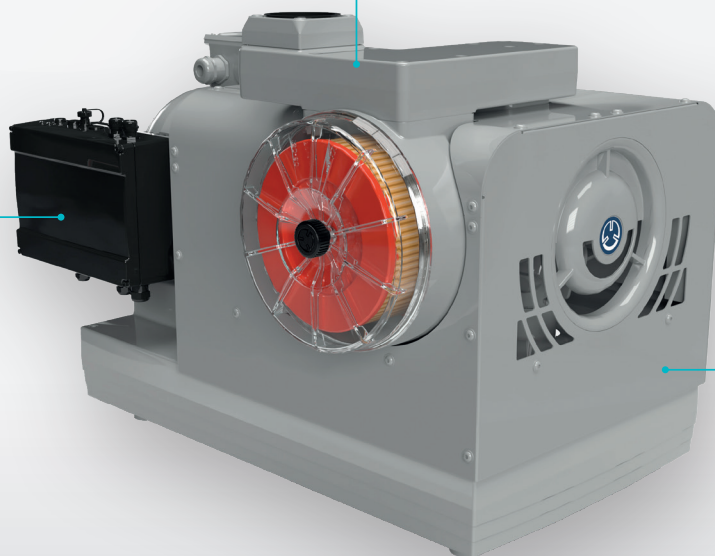
VARIAIR INVERTER
TECHNOLOGY

1

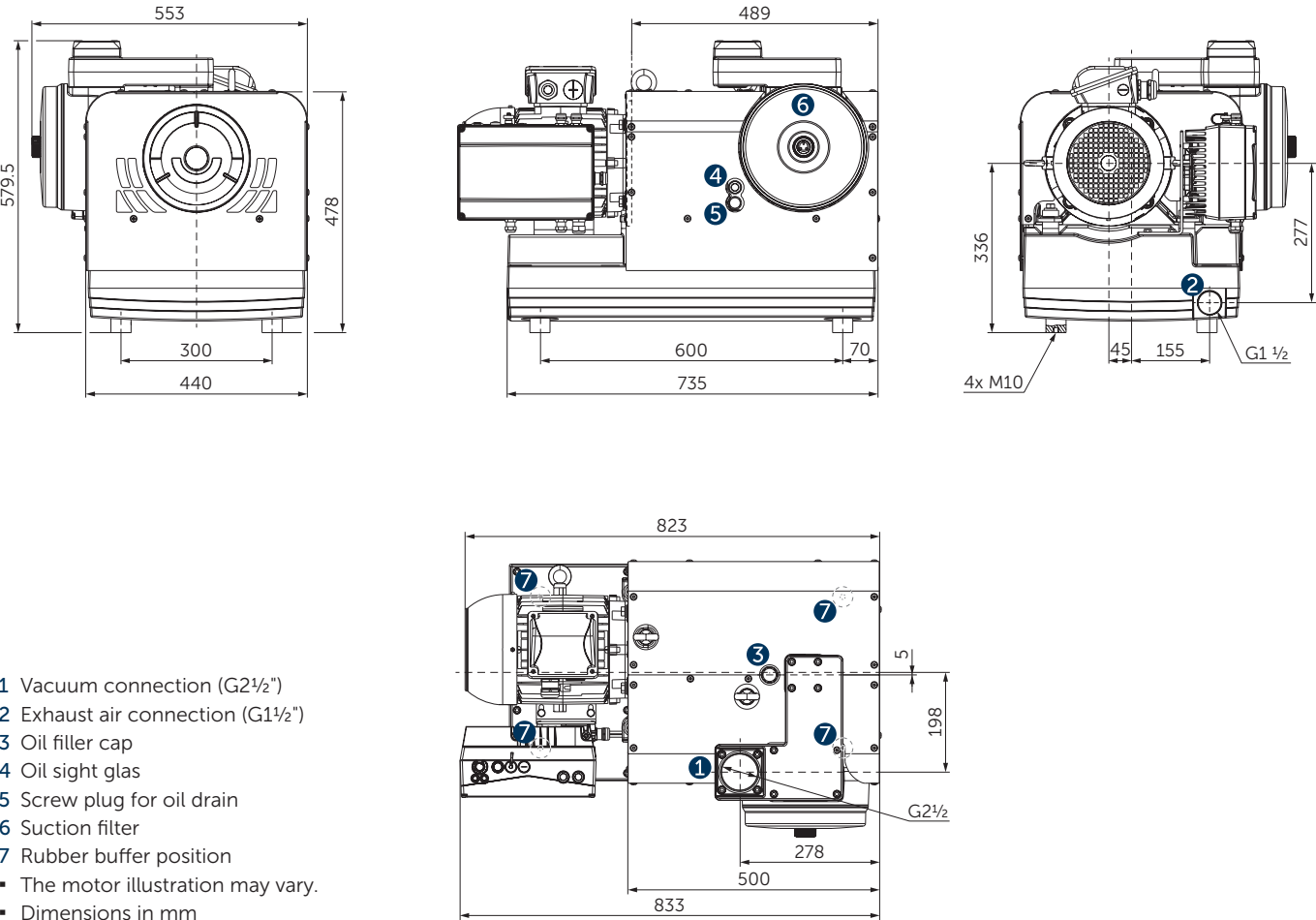
1 INTEGRATED FILTER

NON-CONTACT
OPERATING
PRINCIPLE

3



- 1 Frequency inverter functionality enhances appliance performance, precisely adapts to process requirements and optimises energy consumption.
- 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 Minimal maintenance reduces operating costs and the need for serviceable parts, while maximising efficiency and productivity.



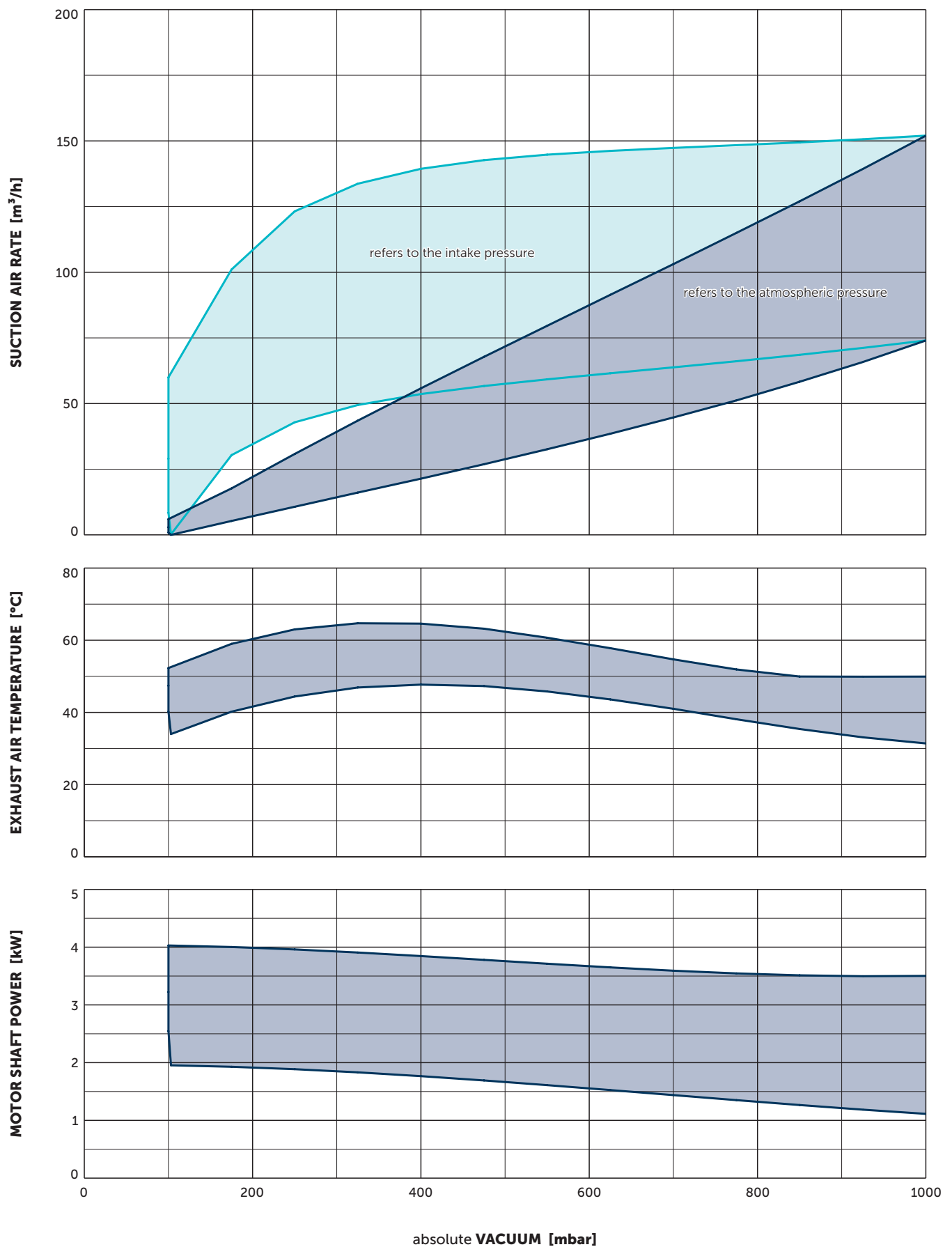
- 1 Vacuum connection (G2½")
- 2 Exhaust air connection (G1½")
- 3 Oil filler cap
- 4 Oil sight glass
- 5 Screw plug for oil drain
- 6 Suction filter
- 7 Rubber buffer position
- The motor illustration may vary.
- Dimensions in mm

Nominal capacity	Vacuum absolute	Frequency	Emission sound pressure level ¹⁾	Weight	 Frequency inverter ²⁾	
m³/h	mbar	Hz	dB(A)	kg	VAU-B	A
max.	max.		@ 400 mbar (40 Hz)			max.
180	100	30-60	71	208	400-480 V ±10% 50/60 Hz	10

¹⁾ According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
1 m distance, at medium load, both connection sides piped

²⁾ For detailed information, see inverter instructions.
To determine the actual power required, see the shaft power diagram.

▪ Reference data (atmosphere): 1000 mbar, 20°C, measurements with integrated filter; Tolerance: ±10%



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 Tolerance: $\pm 10\%$



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