DATA SHEET

VARIAIR BCV 100
CLAW VACUUM PUMPS

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

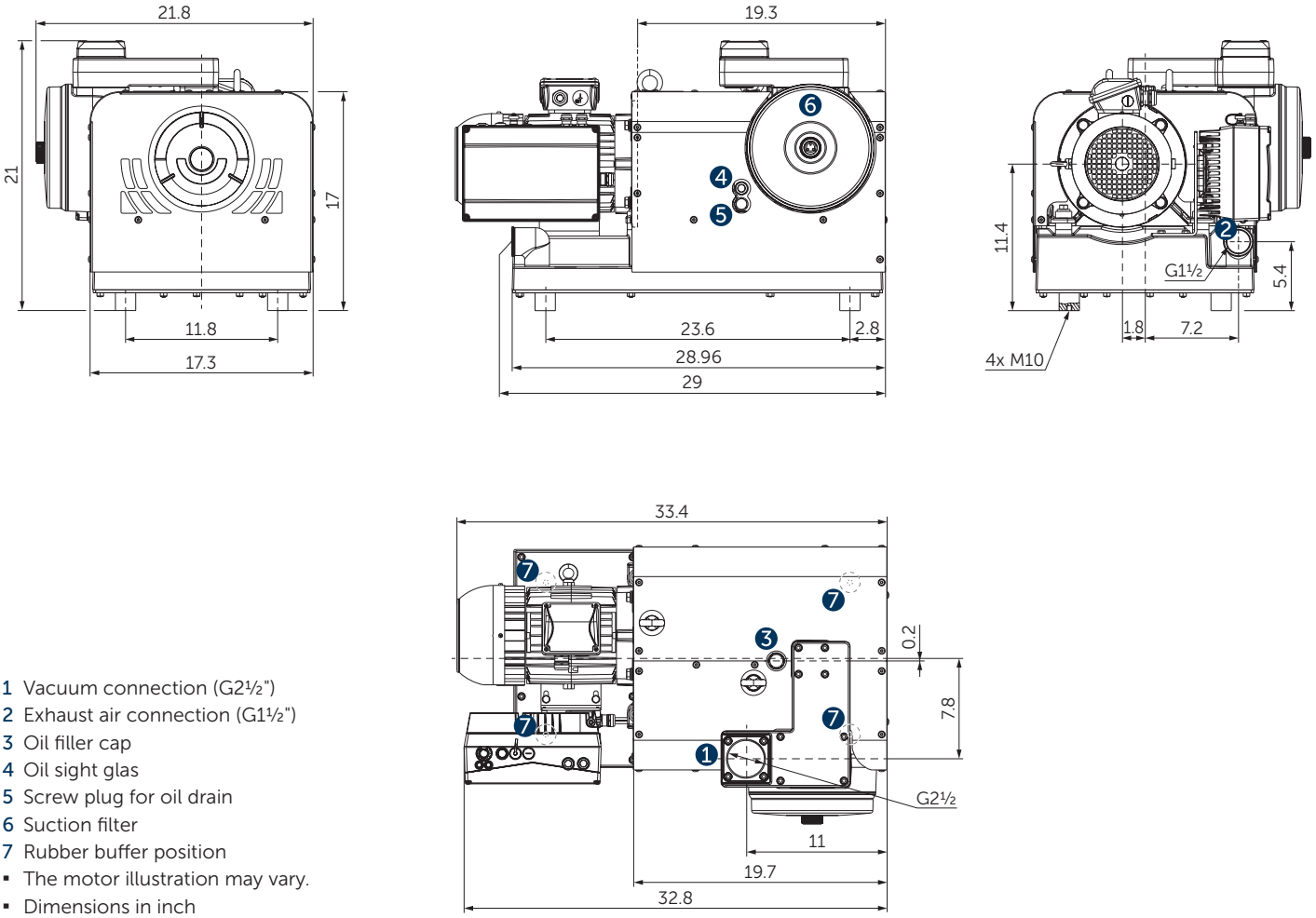
MAKE IT BECKER.



1. Variable-frequency inverter functionality enhances equipment performance, precisely adapts to process requirements, and optimizes energy consumption.
2. The transparent filter cover makes contamination easy to detect, while the larger filter surface extends replacement intervals, ensuring uninterrupted operation.
3. Minimal maintenance requirements reduce operating costs and the need for replacement parts while maximizing efficiency and productivity.

VARIAIR UNIT

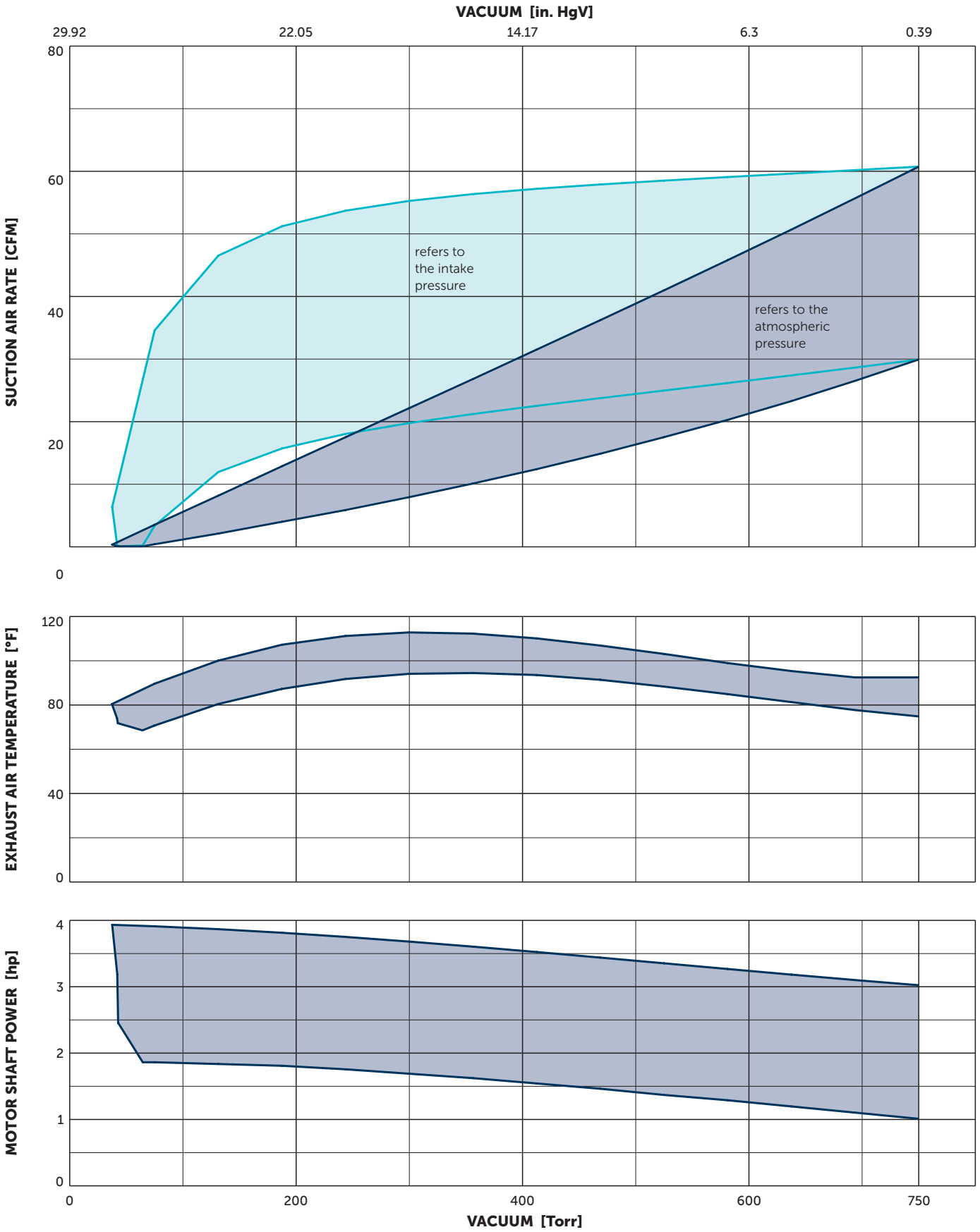
BECKER



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

Nominal capacity	Vacuum		Frequency	Emission sound pressure level [1]	Weight	M 3~ U V W 3~ L1 L2 L3	
CFM max.	Torr max.	in. HgV max.	Hz	dB(A) @ 300 Torr (40 Hz)	lbs	Frequency inverter [2] VAU-B	A max.
70.6	37.5	28.1	30-60	70	392.5	400-480 V ±10% 50/60 Hz	6

[1] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
39.4 inch 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): 750 Torr, 68°F, measurements with integrated filter; Tolerance: ±10%



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