DATA SHEET

# VASF 2.50/1–1.ACXXX

# SIDE CHANNEL BLOWERS

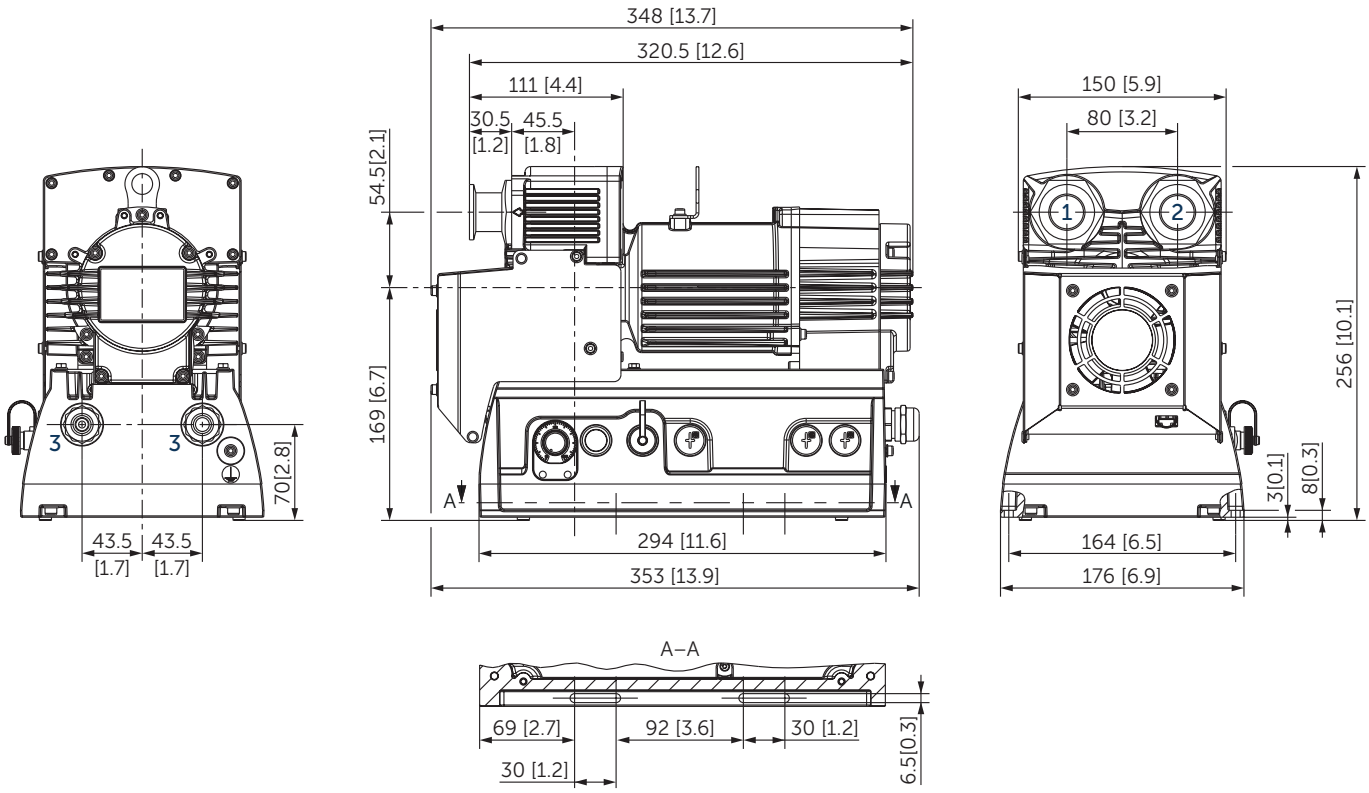
single stage, air-cooled, gas-tight
VARIAIR frequency inverter

**MAKE IT BECKER.**



VARIAIR SPEED FLOW

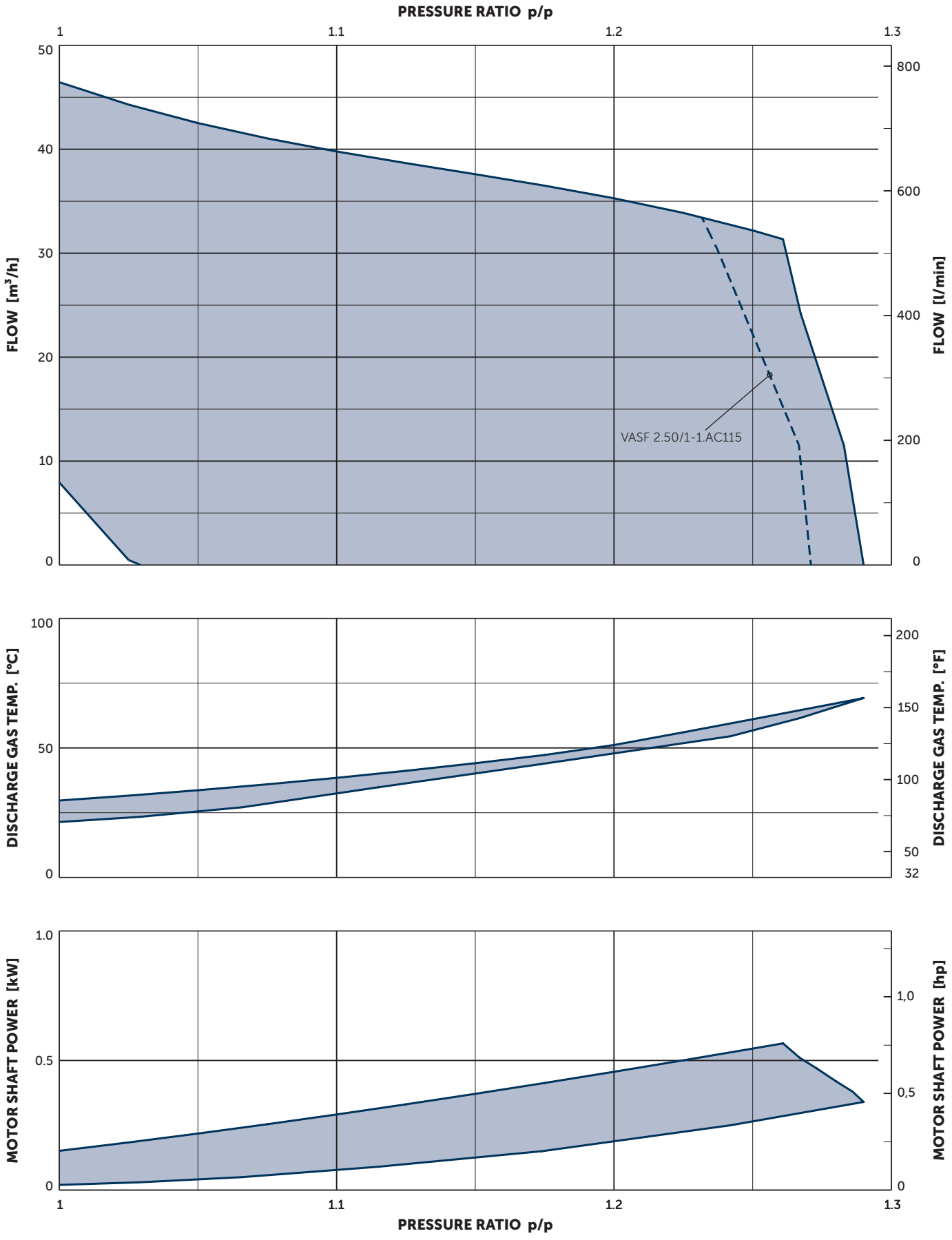
BECKER




1 Vacuum connection DN 25 ISO-KF (DIN 28403)
2 Pressure connection DN 25 ISO-KF (DIN 28403)
3 SKINTOP MS-SC-M20x1.5 / Clamping range Ø 7–13 mm [0.3–0.5 inch]
▪ Dimensions in mm [inch]

| VASF 2.50/1 | Flow [1] | Pressure ratio p/p [1] | Frequency | Emission sound pressure level [2] | Weight | | |
|---|---|---|---|---|---|---|---|
| | $m^3/h$ max. | max. | Hz | dB(A) | kg | | A max. |
| **–1.AC230** | 47 | 1.29 | 50–300 | 59 | 11.5 | 0.65 kW<br>AC 1~<br>200 V -10% ... 230 V +10%<br>50/60 Hz | 6 |
| **–1.AC115** | 47 | 1.27 | 50–300 | 59 | 11.5 | 0.60 kW<br>AC 1~<br>100 V -10% ... 115 V +10%<br>50/60 Hz | 10 |

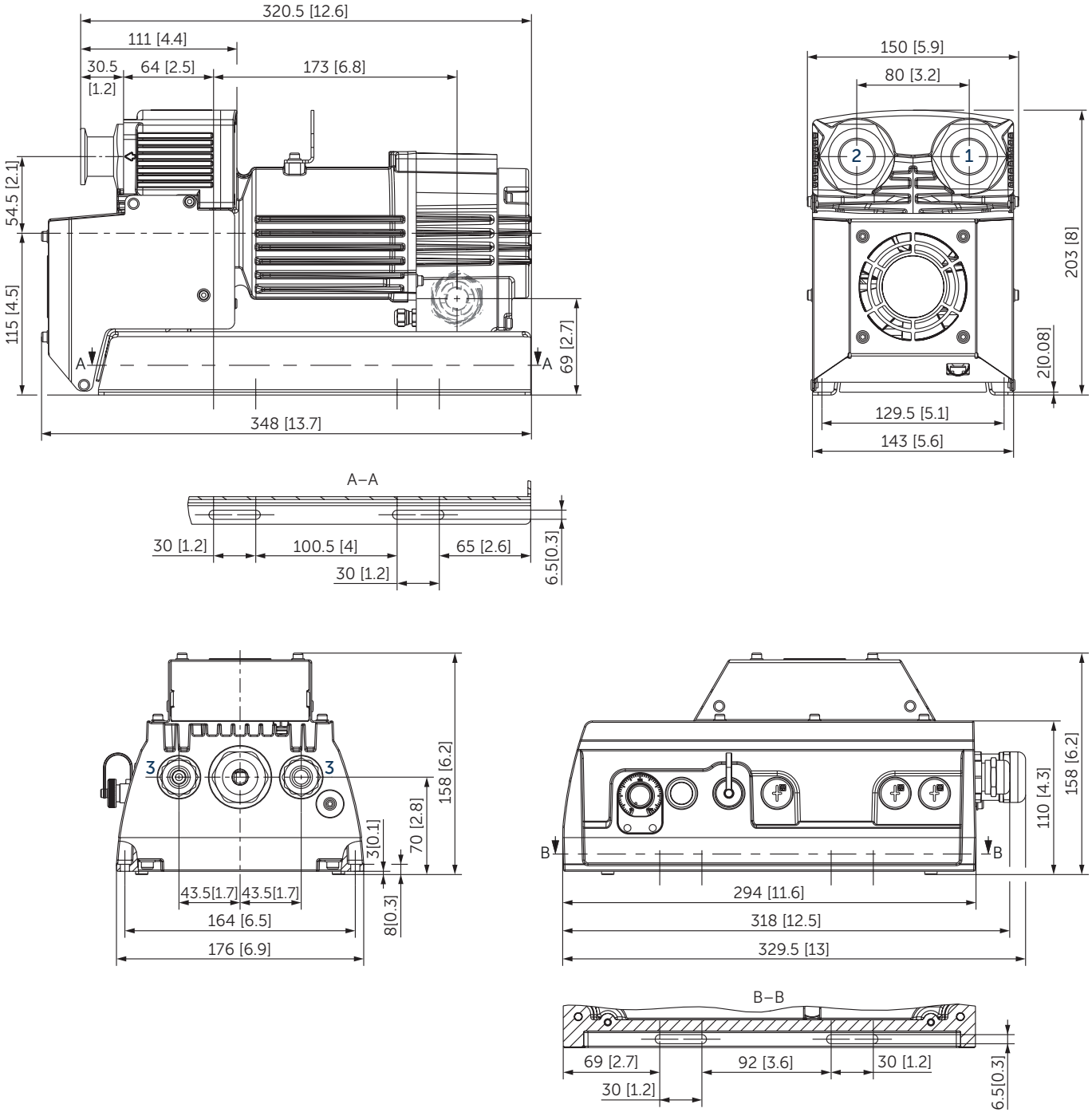
▪ VASF 2.50/1–1.ACXXX gas-tight: leakage rate <1x10$^{-5}$ mbar l/s (<1x10$^{-6}$ Pa $m^3/s$) measured with a helium leak detector, integral for the complete unit
[1] Measured for air at reference data; Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F); Tolerance: ±10%
[2] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
1 m [39.4 inch] distance, at medium load, both connection sides piped, suction side unloaded




Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
Tolerance: ±10%
Measured for air (deviating characteristics for inert gases)
Max. ambient temperature: ≤ 45°C (≤ 113°F)
Inlet pressure: ≤ 1050 mbar (105 kPa)

# VARIANTS AND ACCESSORIES

## EXTERNAL VARIAIR FREQUENCY INVERTER




1 Vacuum connection DN 25 ISO-KF (DIN 28403)
2 Pressure connection DN 25 ISO-KF (DIN 28403)
3 SKINTOP MS-SC-M20x1.5
clamping range Ø 7–13 mm [0.3–0.5 inch]
4 Accessory: Cable WN211-264 (no. 74202640000)
▪ Dimensions in mm [inch]

Right of modification reserved 2025-07-16

# MAKE IT BECKER.