DATA SHEET

VASF 2.120/1–1.AC230

SIDE CHANNEL BLOWERS

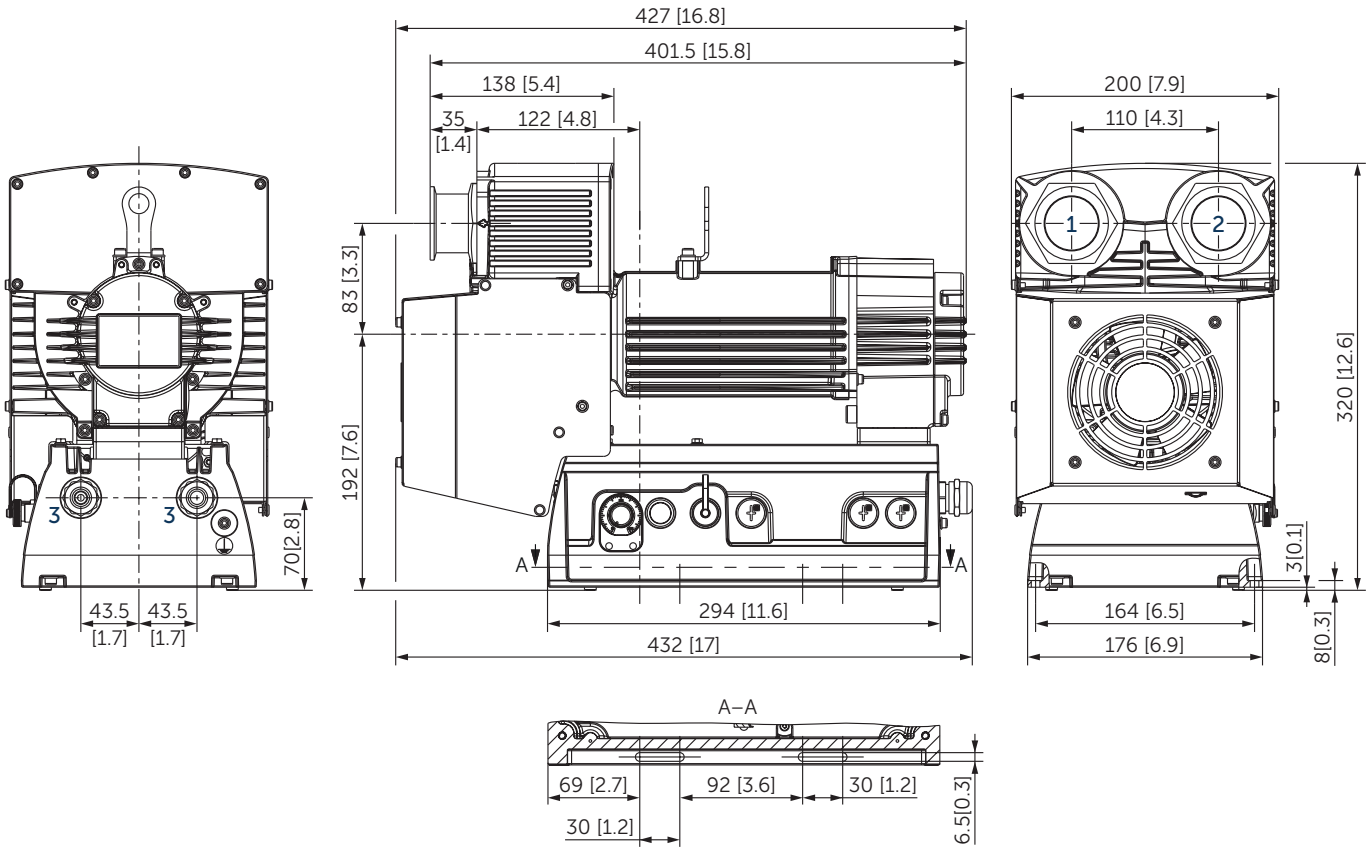
single stage, air-cooled, gas-tight
VARIAIR frequency inverter

MAKE IT BECKER.



VARIAIR SPEED FLOW

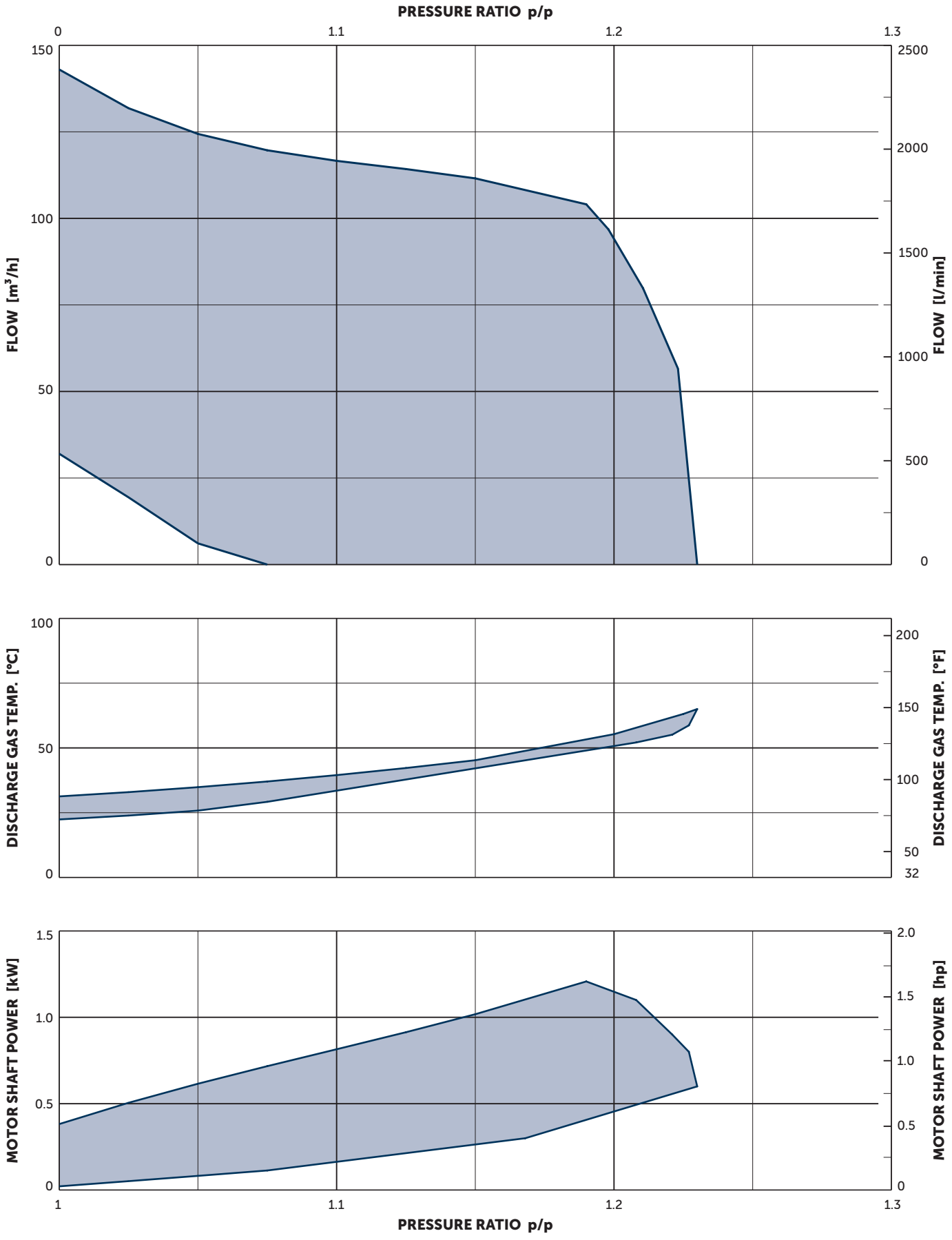
BECKER



1 Vacuum connection DN 40 ISO-KF (DIN 28403)
2 Pressure connection DN 40 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]

Flow [1]	Pressure ratio p/p [1]	Frequency	Emission sound pressure level [2]	Weight	M 3~ U V W 3~ 1~ L N	I A
m^3/h max.	mbar max.	Hz	dB(A)	kg		A max.
143	1.23	50–200	63	17.5	1.4 kW AC 1~ 200 V -10% ... 230 V +10% 50/60 Hz	10

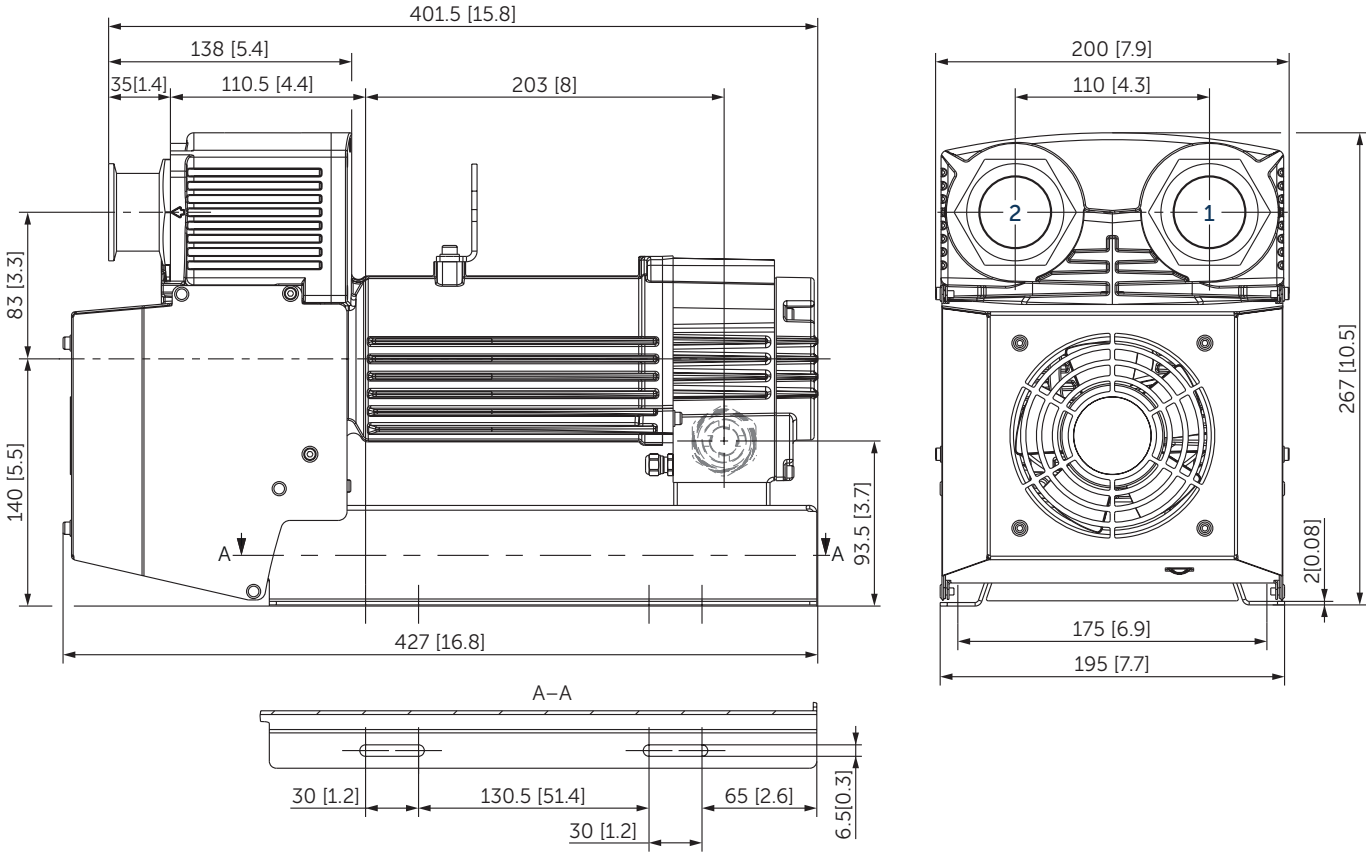
▪ VASF 2.120/1–1.AC230 gas-tight: leakage rate <1x10^{-5} mbar l/s (<1x10^{-6} Pa m^3/s) measured with a helium leak detector, integral for the complete unit
[1] Measured for air at reference data; Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F); Tolerance: ±10%
[2] According to DIN EN 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

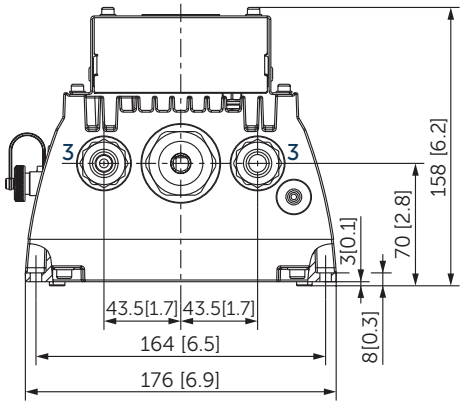


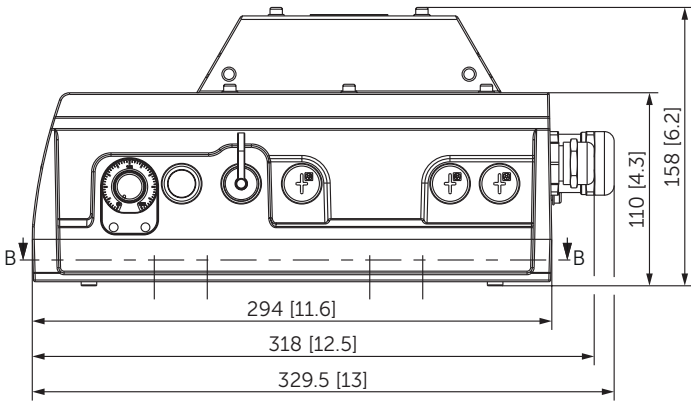
Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
Tolerance: ±10%
Measured for air (deviating characteristics for inert gases)
Max. ambient temperature: ≤ 45°C (≤ 113°F)
Inlet pressure: ≤ 1050 mbar (105 kPa)

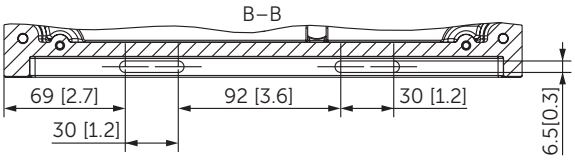
VARIANTS AND ACCESSORIES

EXTERNAL VARIAIR FREQUENCY INVERTER

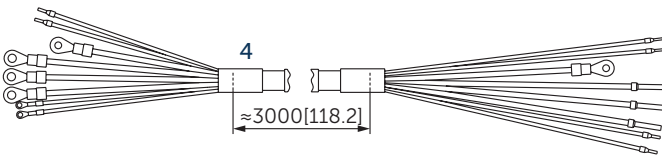








1 Vacuum connection DN 40 ISO-KF (DIN 28403)
2 Pressure connection DN 40 ISO-KF (DIN 28403)
3 SKINTOP MS-SC-M20x1.5
clamping range Ø 7–13 mm [0.3–0.5 inch]
4 Accessory: Cable WN211-264 (no. 74202640000)
▪ Dimensions in mm [inch]



Right of modification reserved 2025-07-16

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