

DATA SHEET

VADS 250

SCREW VACUUM PUMPS

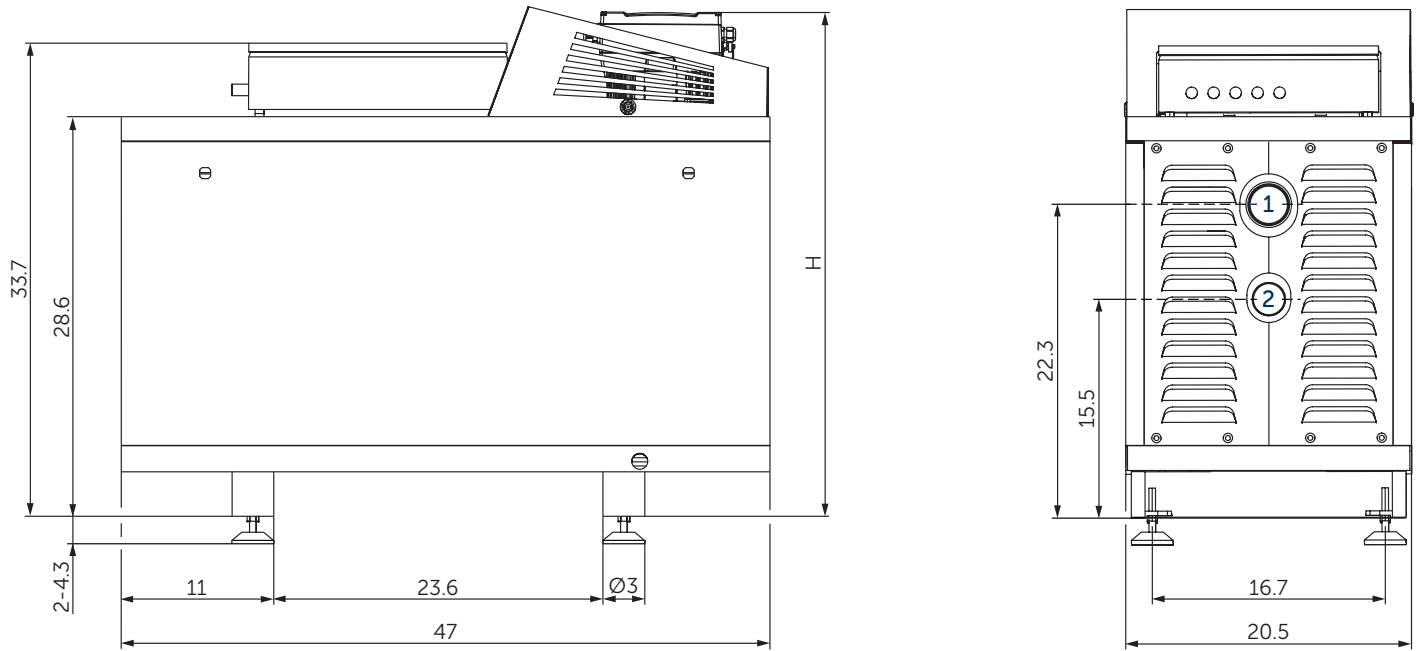
dry and contact free compression, air-cooled
direct drive and VARIAIR frequency inverter

MAKE IT BECKER.



VARIAIR
DIRECT SCREW

 **BECKER**

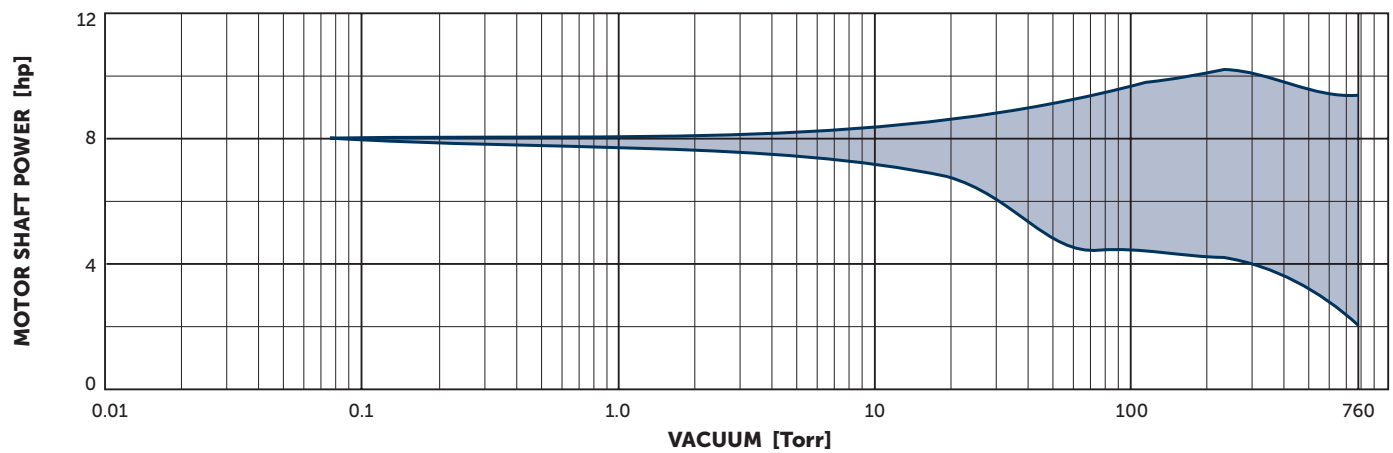
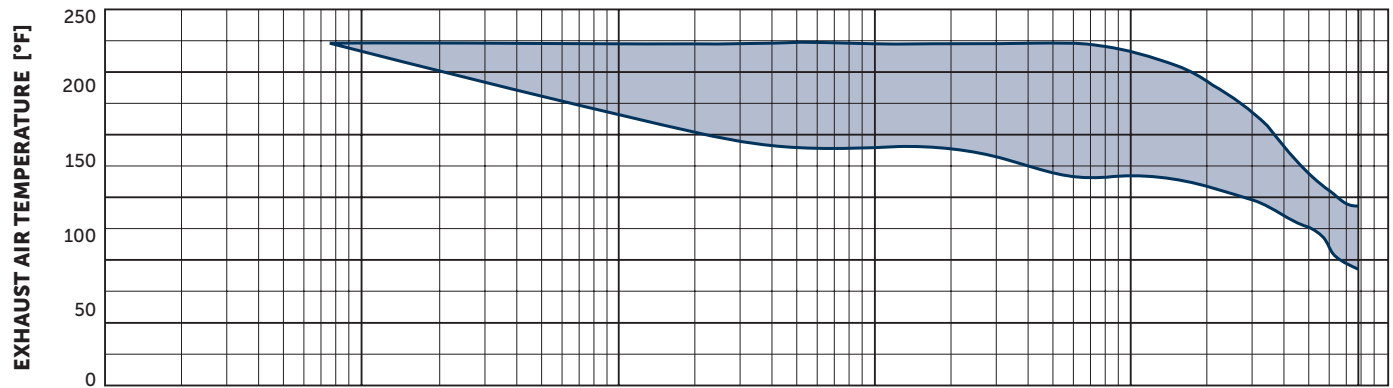
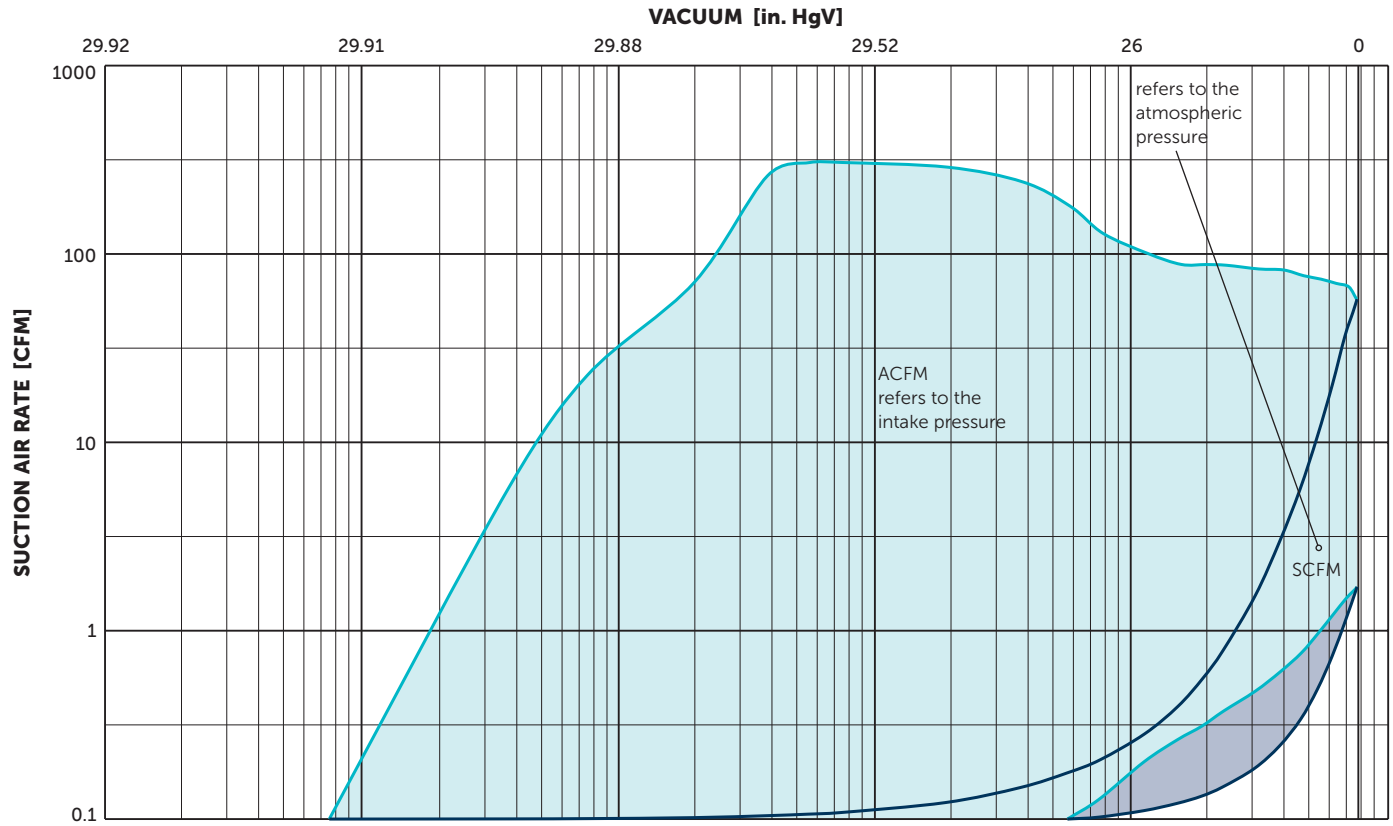


- 1 Vacuum connection (G2½)
- 2 Exhaust air connection (G2)
- Dimensions in inch

		Suction air rate ¹⁾	Vacuum	Emission sound pressure level ¹⁾	Weight	Oil ³⁾	Protection class	H
		CFM max.	Torr max.	dB(A)	lbs	U.S. gal. max.		inch
VADS 250 VADS 250/2	standard seal gas	141/170	≤0.075	68	617.4	2.1	IP 20	36.4
VADS 250/4	200/208 V	141/170	≤0.075	72	641.7	2.1	IP 20	38.1

		Speed	Frequency				
		rpm	Hz	hp	V	Hz	Protection class
VADS 250 VADS 250/2	standard seal gas	5000–10000	170–340	10.1	400/480 ±10%	50/60	IP 55
VADS 250/4	200/208 V	5000–10000	170–340	10.1	200/208 +6% -10%	50/60	IP 55

¹⁾ Refers to atmospheric / intake pressure
²⁾ DIN EN ISO 3744 (KpA = 3 dB(A)) interval of 39.4 inch, at medium load, both connection sides piped
³⁾ Becker Lube G 70 mineral
 ▪ Rotation speed may vary. Tolerance -1.5/+2%



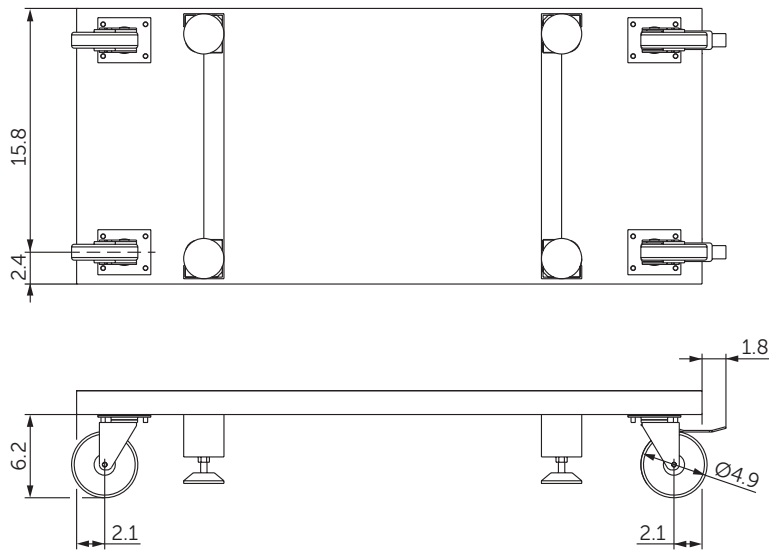
Suction air rate refers to the intake pressure
 Reference data (atmosphere): 750 Torr, 68°F; Tolerance: ±5%

+ VARIANTS AND ACCESSORIES

CONFIGURATION

Operating mode	Actual value	Set point
Speed set mode		internal
Speed set mode		external 0–10 V
Speed set mode		external 4–20 mA
Vacuum constant control (PID control) including sensor for actual value	0–10 V	internal
Vacuum constant control (PID control) including sensor for actual value	0–10 V	external 0–10 V
Vacuum constant control (PID control) including sensor for actual value	0–10 V	external 4–20 mA
Vacuum constant control (PID control) including sensor for actual value	4–20 mA	internal
Vacuum constant control (PID control) including sensor for actual value	4–20 mA	external 0–10 V
Vacuum constant control (PID control) including sensor for actual value	4–20 mA	external 4–20 mA

HEAVY DUTY ROLLERS



OTHER ACCESSORIES

- Flange adapter ISO-K, 2 1/2"–3"
- Manual control unit for inverter¹⁾
- Pressure-reducing device and/or gas ballast option (only for VADS 250/2 seal gas)
- Non-return valve ST 630¹⁾
- 2/2-way solenoid valve¹⁾ (230 V AC or 24 V DC)
- Ball valve
- External silencer S 1.200¹⁾ or S 6.400¹⁾
- Oil Becker Lube G 70 mineral

¹⁾ See separate data sheet

- Combination options on request
- Dimensions in inch

MAKE IT BECKER.

