

DATA SHEET

VT 4.8

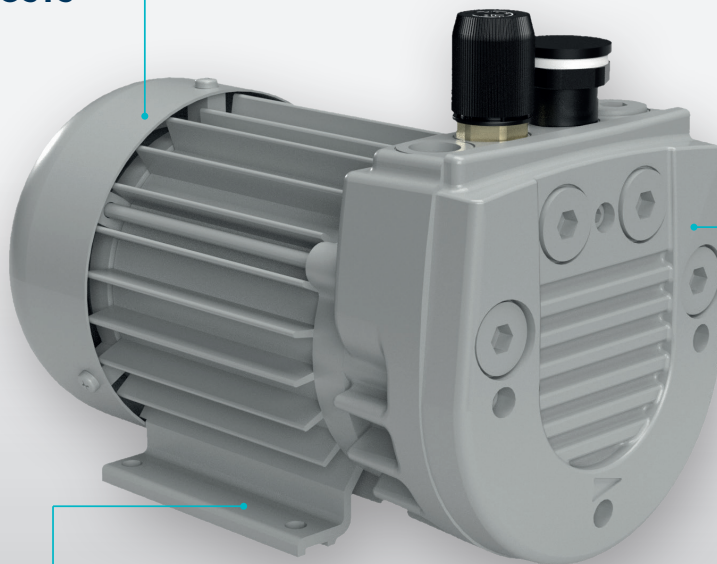
ROTARY VANE VACUUM PUMPS

oil-free

air-cooled

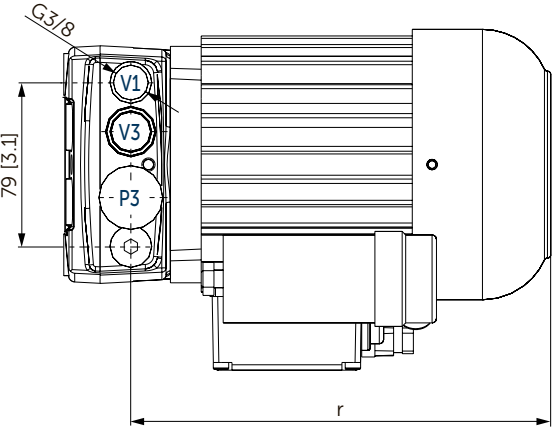
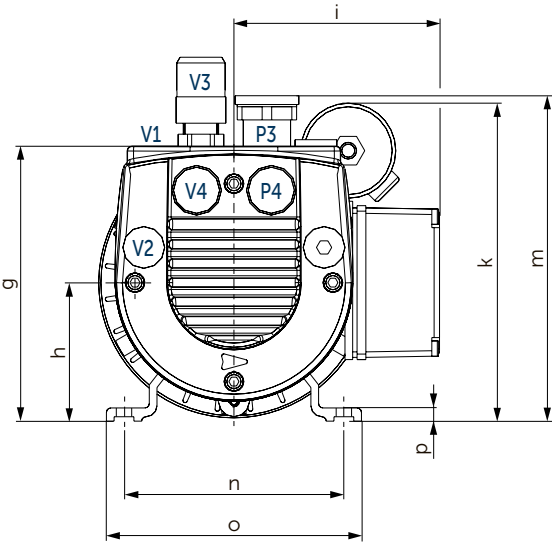
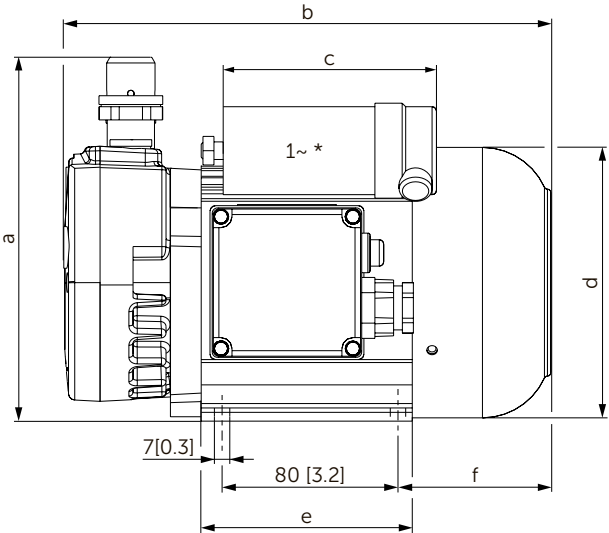
MAKE IT BECKER.

**LOW OPERATION &
MAINTENANCE COSTS**



**COMPACT
& ROBUST**

100% OILLESS OPERATION



- V1 (V2) Vacuum connection (G $\frac{3}{8}$)
V3 (V4) Vacuum regulating valve
P3 (P4) Blow-off valve
(XX) Alternative
* The size and position of the capacitor can change with changed voltage / frequency.
▪ Including integrated suction air filter
▪ The motor illustration may vary
▪ Dimensions in mm [inch]

Motors		mm [inch]														
#		a	b	c	d	e	f	g	h	i	k	m	n	o	p	r
3~	01	179.5 [7.1]	250 [9.9]	—	141 [5.6]	101 [4.0]	82.5 [3.3]	139 [5.5]	71 [2.8]	101 [4.0]	—	162 [6.4]	112 [4.4]	136 [5.4]	7 [0.27]	219 [8.6]
3~	02+03	171.5 [6.8]	231 [9.1]	—	125 [4.9]	96 [3.9]	69.5 [2.7]	131 [5.2]	63 [2.5]	93 [3.7]	—	154 [6.1]	100 [3.9]	116 [4.6]	6 [0.24]	198 [7.8]
1~	05+06	171.5 [6.8]	251 [9.9]	≈94 [≈3.7]	125 [4.9]	116 [4.6]	89.5 [3.5]	131 [5.2]	63 [2.5]	93 [3.7]	143 [5.6]	154 [6.1]	100 [3.9]	116 [4.6]	6 [0.24]	219 [8.6]

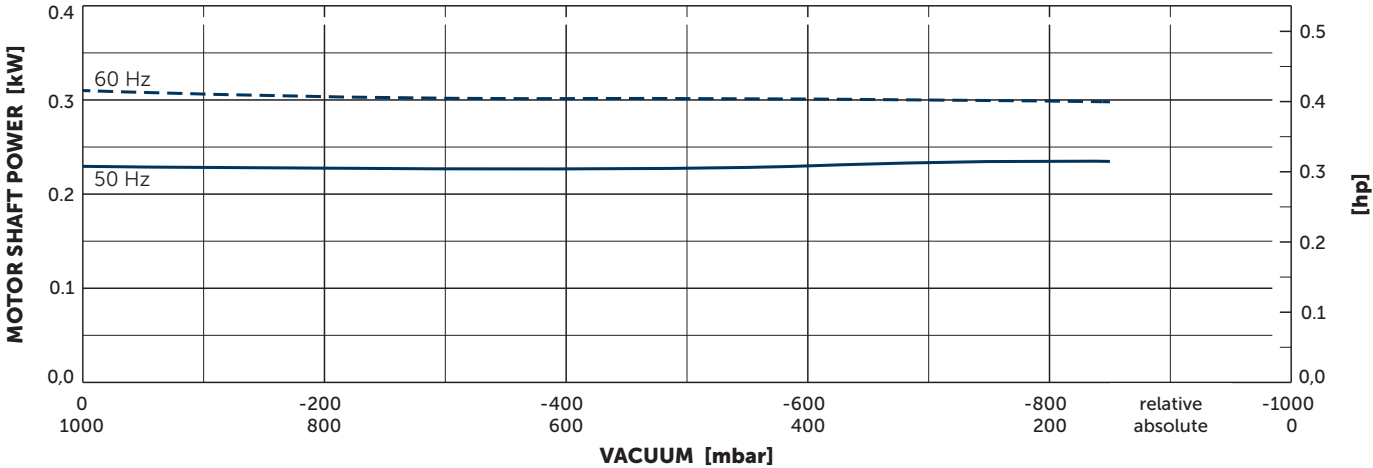
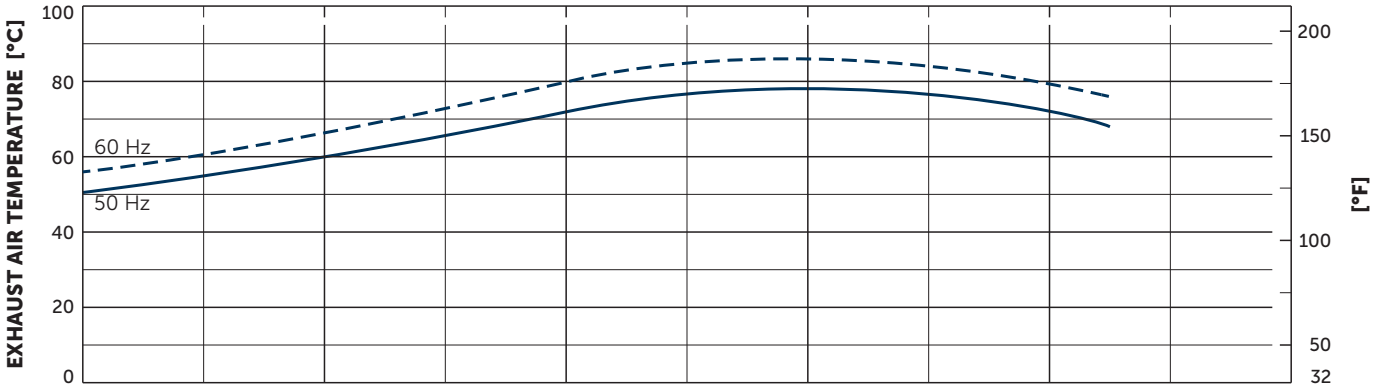
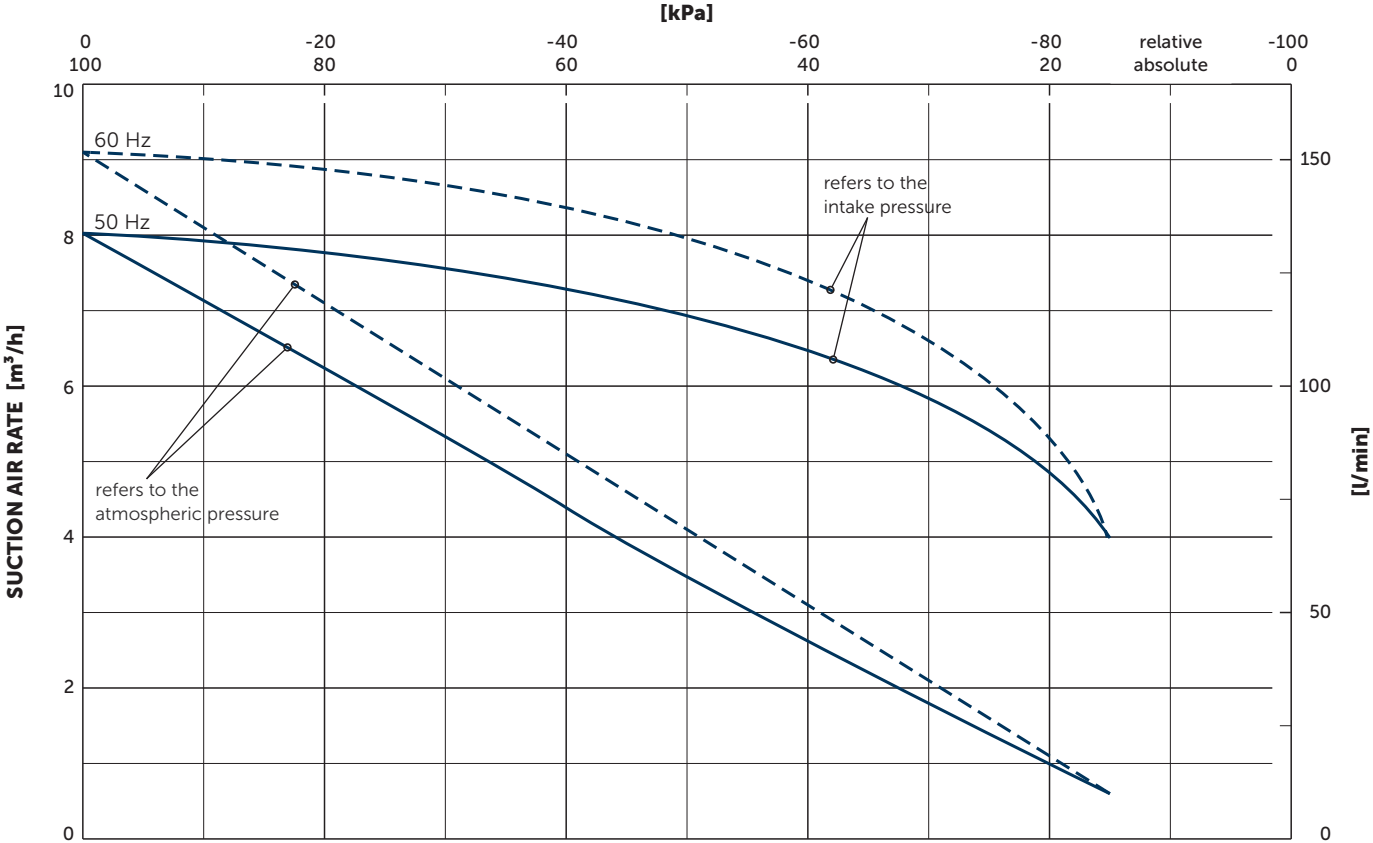
Suction air rate		Vacuum absolute		Emission sound pressure level ¹⁾		Weight incl. motor ²⁾
m³/h		mbar		dB(A)		
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
8.0	9.1	150	150	58	61	≈9.5

¹⁾ According to DIN EN ISO 3744 (KpA = 3 dB(A)), 1 m [39.4 inch] distance, at medium load, both connection sides piped
²⁾ Depending on the motor

3~ Motors										
#	50 Hz					60 Hz				Version
	kW	V	rpm	A		kW	V	rpm	A	
01	0.37	Δ 230/Y400	IE2	2920	2.30/1.33	0.44	Δ 265/Y460	IE2	3515	2.13/1.23
						0.37	Δ 230/Y400	IE2	3480	1.90/1.10
						0.44	Δ 208/Y360	IE2	3455	1.90/1.10
02	0.30	Δ 230/Y400	IE2	2835	1.59/0.92	0.36	Δ 265/Y460	IE2	3420	1.54/0.89
										CE IP55 • ISO F • bimetal
03	0.37	175–260/300–450		2800	2.35/1.35	0.44	202–300/350–520		3150	2.40/1.40
										IP54 • ISO F
04	0.37	175–260/300–450		2800	2.35/1.36	0.44	202–300/350–520		3150	2.40/1.40
										UL • CSA IP54 • ISO F

1~ Motor										
#	50 Hz					60 Hz				Version
	kW	V	rpm	A		kW	V	rpm	A	
05	0.35	230 $\pm 10\%$	2700	3.9	0.42		230 $\pm 10\%$	3200	3.4	CE IP54 • ISO F • bimetal 10 μ F (450 V)
06	0.35	115 +5%/-10%	2750	7.8	0.42		110–120 $\pm 10\%$	3250	6.2	CE • UL(E123782) • CSA IP54 • ISO F 40 μ F (240 V)

- Type plate data on current consumption and rotation speed of the motors may vary. Tolerance -1.5/+2% in each case.

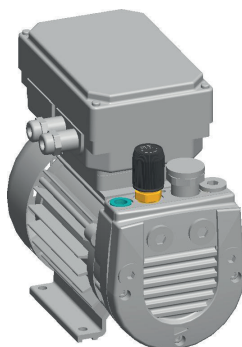


Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
Tolerance: ±10%

VARIANTS AND ACCESSORIES

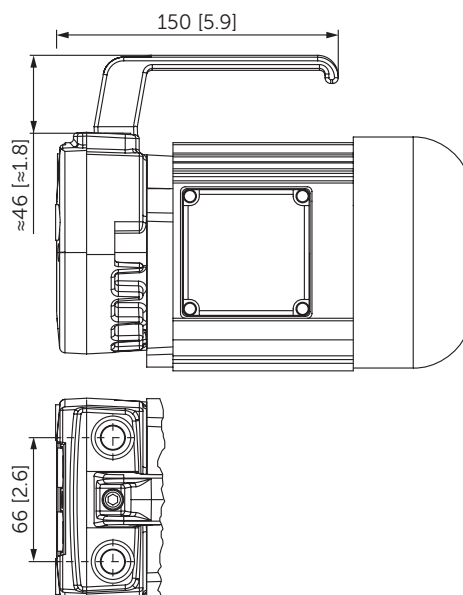
VT 4.8 DC¹⁾

- with 24V DC motor



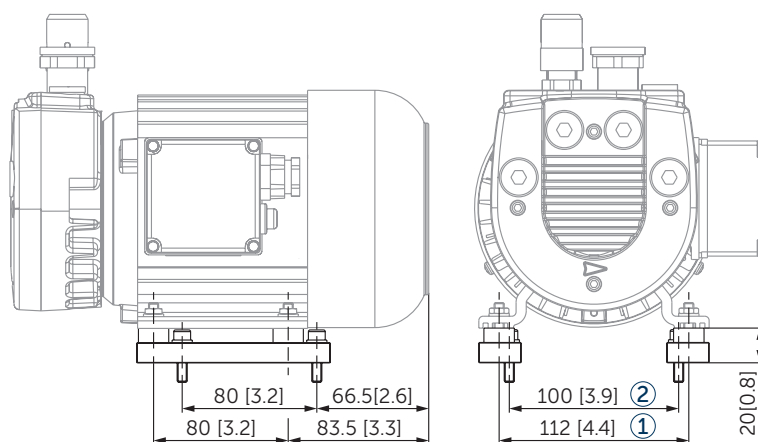
VT 4.8/0-28

- with handle



PEDESTAL ADAPTER T4.8-0-24.1

- for VT 4.8 with IE motor for replicating the pedestal bore pattern of the wide range motor
- order number: 57040027200
- scope of delivery:
 - 2 pedestal adapters
 - 4 rubber buffers with threaded pins M6
 - 4 nuts M6
 - 4 hexagon socket screws M6x25
 - 8 washers



- 1 pedestal dimension of IE motor
- 2 corresponds to pedestal size of wide-range motor

¹⁾ See separate data sheet

▪ Dimensions in mm [inch] – For other dimensions, see the figure on page 2.

MAKE IT BECKER.

HOMEPAGE
VT SERIES



ONLINE SHOP
VT 4.8

