

DATA SHEET

O 5.16 (XL)

ROTARY VANE VACUUM PUMPS

oil-lubricated

air-cooled

MAKE IT BECKER.



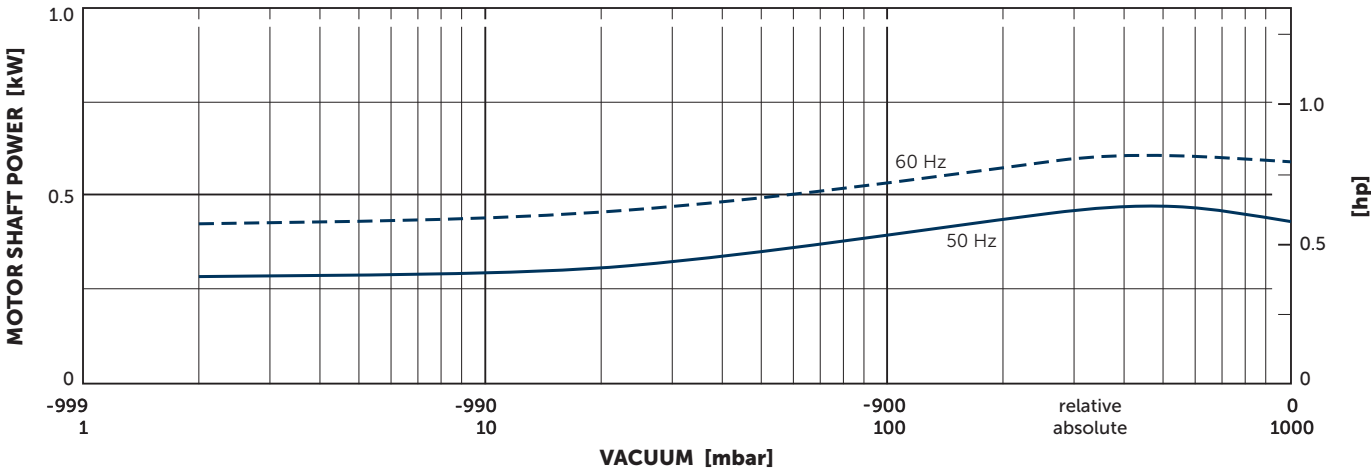
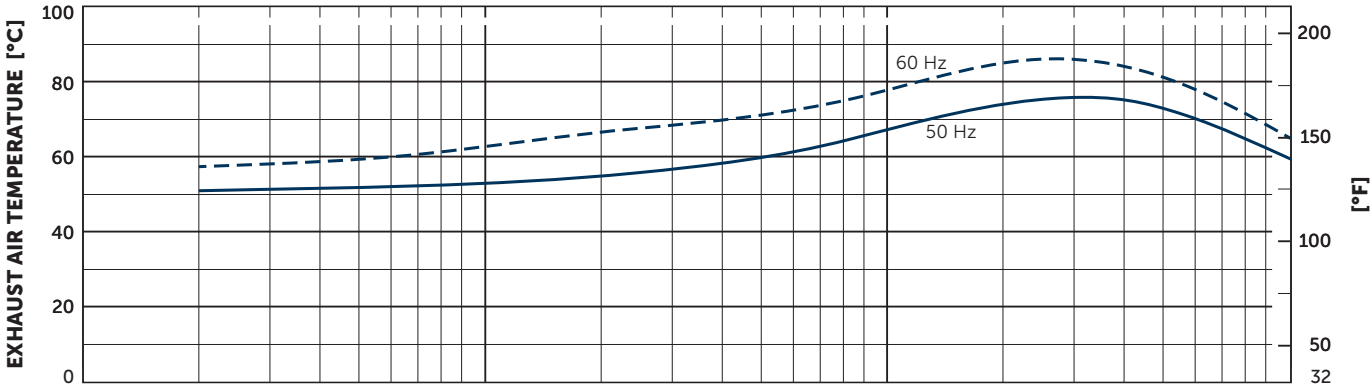
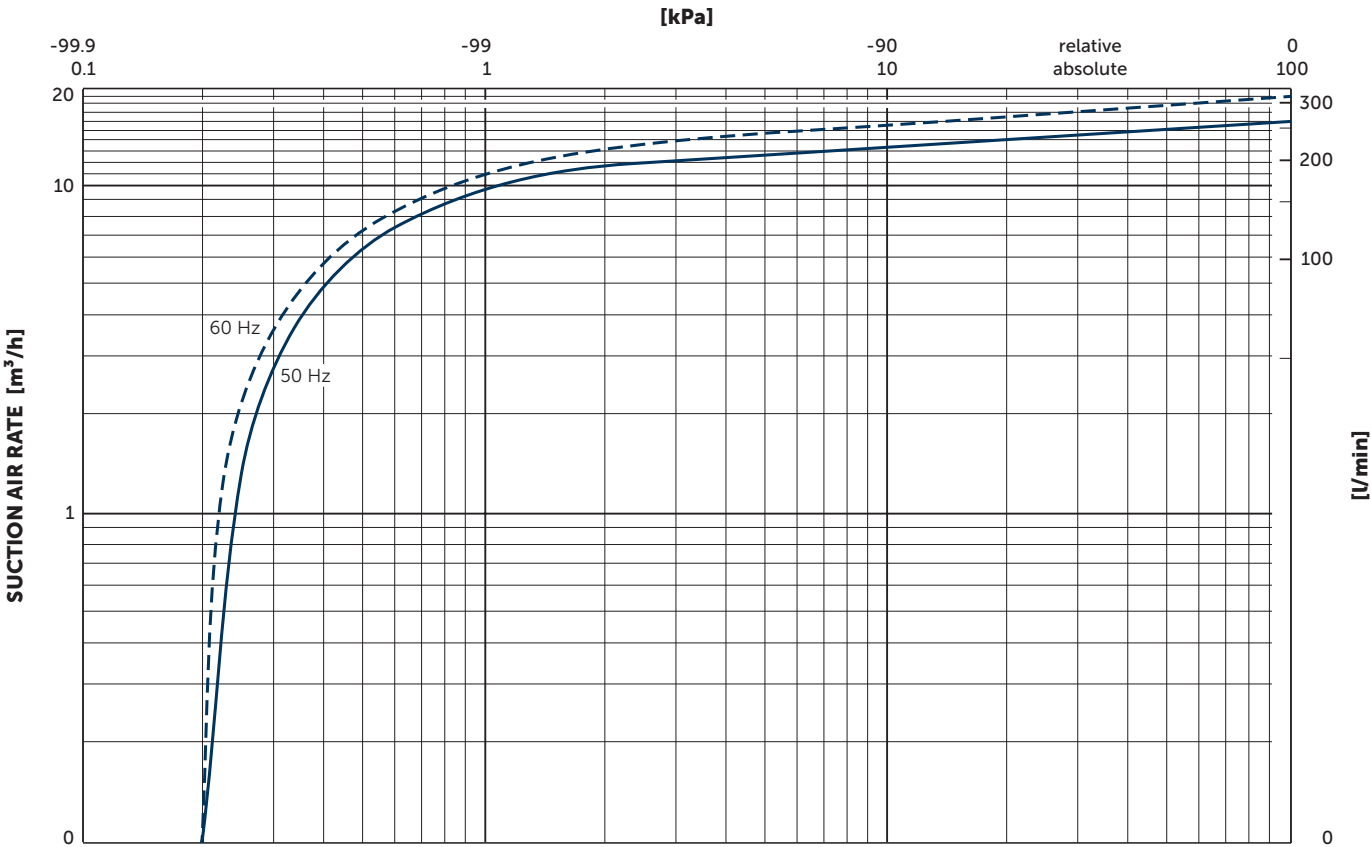
1~ Motors											H	L
#	50 Hz				60 Hz				Version	Weight	mm	
	kW	V	min ⁻¹	A	kW	V	min ⁻¹	A		kg	[inch]	
01	0.55	220–240	2790	3.7	0.66	220–240	3270	4.7	IP 55 • ISO F • bimetal	10.0	187.7 [7.4]	320.5 [12.6]
02	0.55	100–110	2770–2810	9.0–8.9	0.66	100–120	3240–3370	10.4–9.3	UL • CSA IP 55 • ISO F • bimetal	10.8	187.7 [7.4]	320.5 [12.6]

1~ Motors with Mate-N-Lok power connection											H	L
#	50 Hz				60 Hz				Version	Weight	mm	
	kW	V	min ⁻¹	A	kW	V	min ⁻¹	A		kg	[inch]	
03	0.55	220–240	2745–2790	3.9–3.9					IP 55 • ISO F • bimetal Mate-N-Lok	10.1	158 [6.2]	320 [12.6]
04	0.55	220–240	2790	3.7	0.66	220–240	3270	4.7	IP 55 • ISO F • bimetal Mate-N-Lok	10.0	158 [6.2]	320 [12.6]

3~ Motoren											H	L
#	50 Hz				60 Hz				Version	Weight	mm	
	kW	V	min ⁻¹	A	kW	V	min ⁻¹	A		kg	[inch]	
05	0.55	Δ230/Y400	2890	2.6/1.5	0.66	Δ265/Y460	3470	2.6/1.5	IE2 ¹⁾	9.3	177 [7]	320.5 [12.6]
						Δ230/Y400	3420	2.6/1.5	IP55 • ISO F • bimetal			
06	0.55	Δ200/Y350	2880	2.9/1.7	0.66	Δ200/Y350	3410	3.1/1.8	IP55 • ISO F • bimetal	9.3	177 [7]	320.5 [12.6]
						Δ220/Y380 Y400	3450 3460	2.9/1.7 1.7				
07	0.55	Y400	2890	1.5	0.66	YY208–230	3390–3440	3.0–3.0	UL • CSA IP55 • ISO F • bimetal	9.3	177 [7]	320.5 [12.6]
						Y460	3470	1.5				

¹⁾ Details see type plate

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

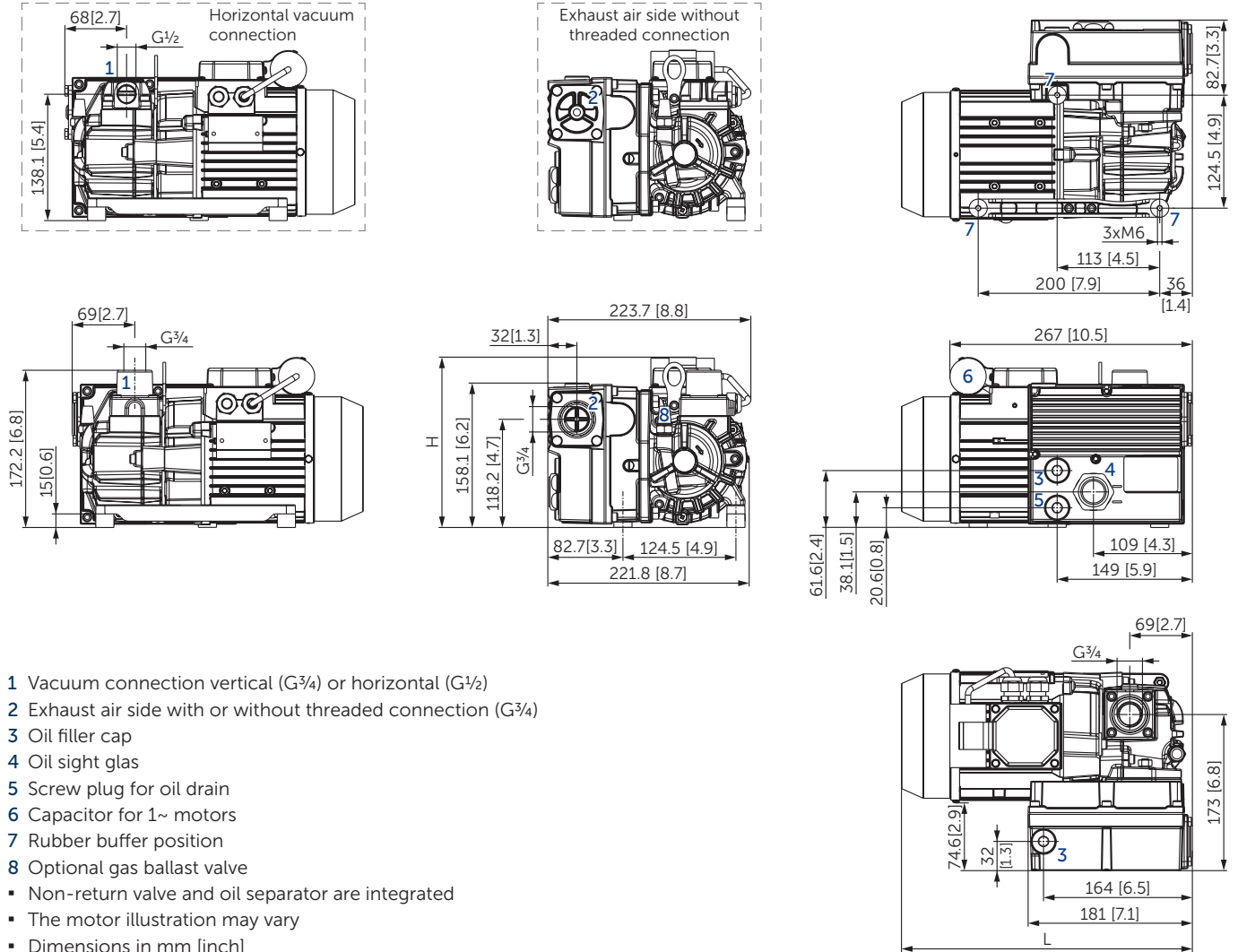


Suction air rate refers to the intake pressure
Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
Tolerance: $\pm 10\%$

+ VARIANTS AND ACCESSORIES

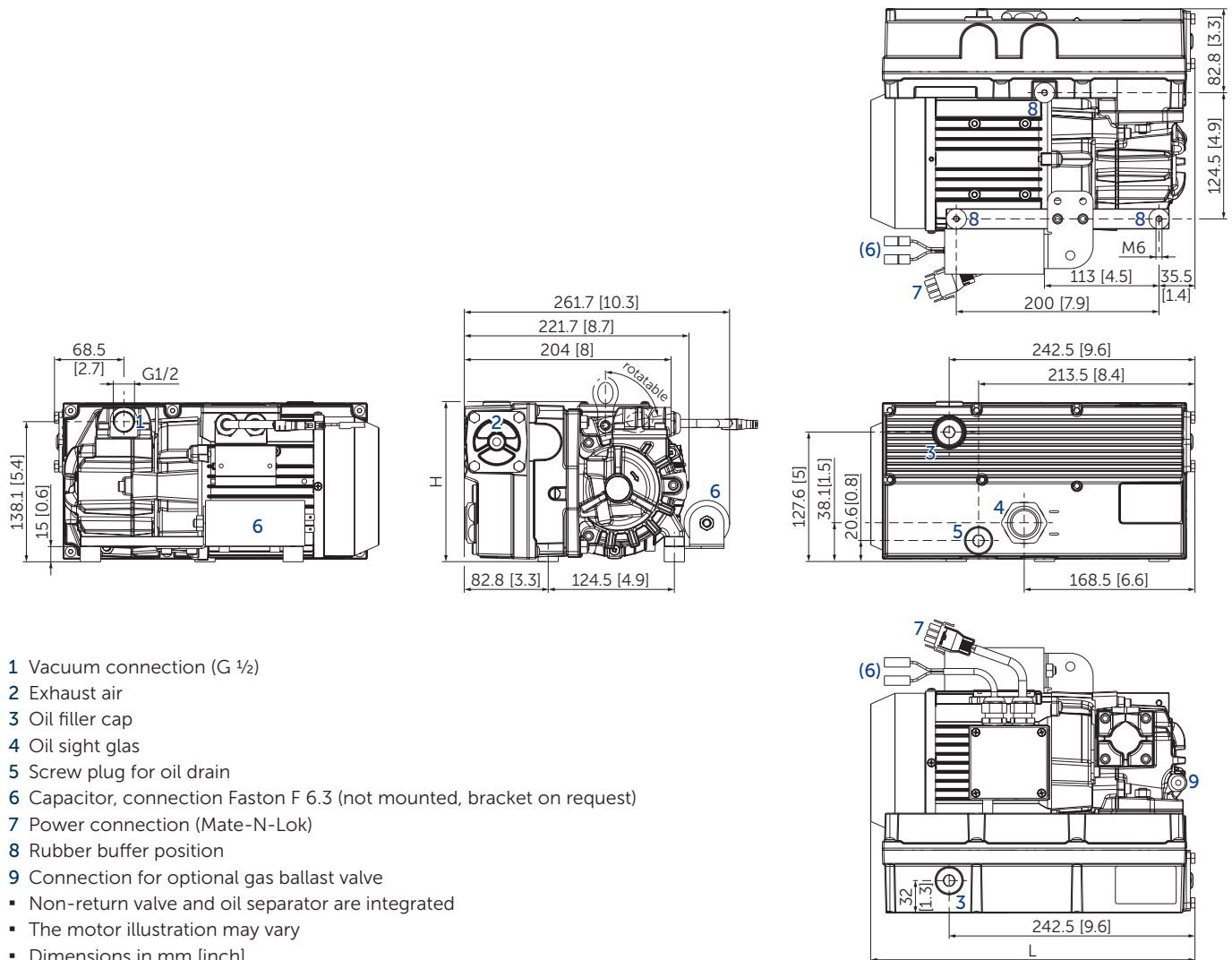
O 5.16 WITH 0.3 L TANK

- Including motors without Mate-N-Lok power connection



O 5.16 XL WITH 0.5 L TANK AND MATE-N-LOK POWER CONNECTION

- Motor #03 or #04 included



- 1 Vacuum connection (G 1/2)
 - 2 Exhaust air
 - 3 Oil filler cap
 - 4 Oil sight glass
 - 5 Screw plug for oil drain
 - 6 Capacitor, connection Faston F 6.3 (not mounted, bracket on request)
 - 7 Power connection (Mate-N-Lok)
 - 8 Rubber buffer position
 - 9 Connection for optional gas ballast valve
- Non-return valve and oil separator are integrated
 - The motor illustration may vary
 - Dimensions in mm [inch]



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