

DATA SHEET

# U 5.101 O<sub>2</sub>-PACK ROTARY VANE- VACUUM PUMPS

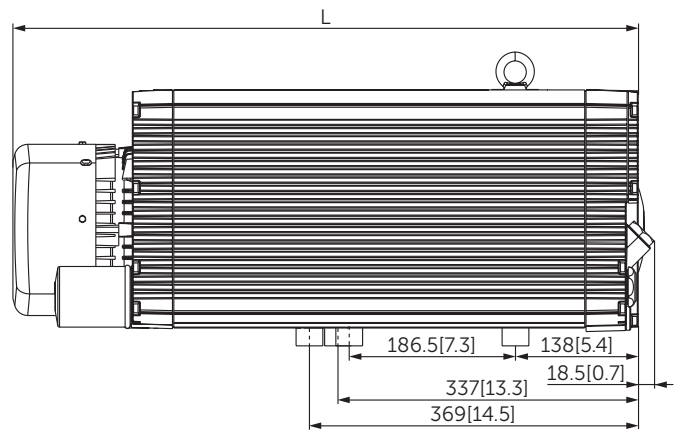
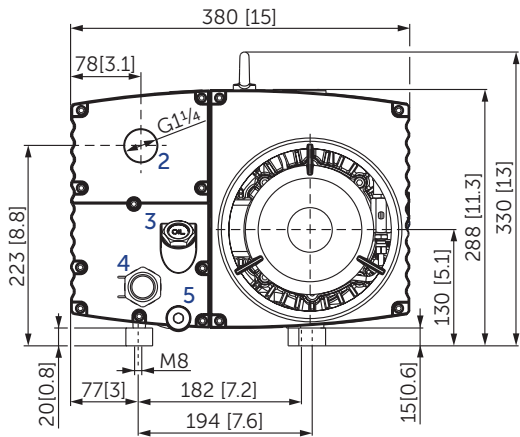
oil-lubricated

air-cooled

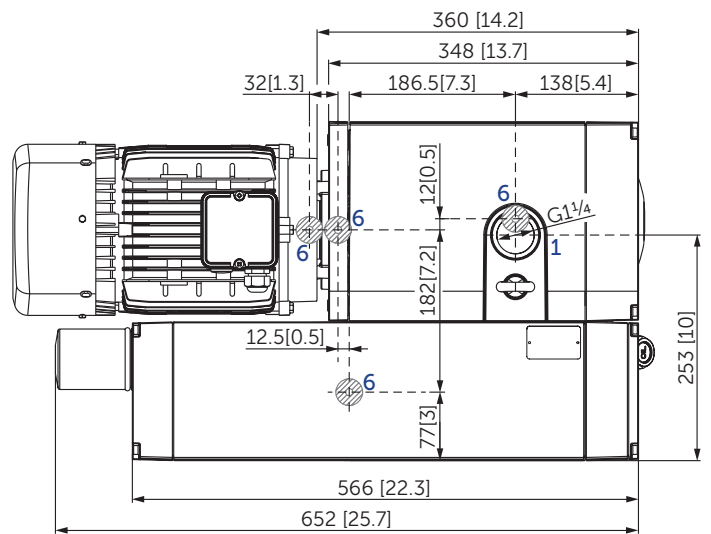
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**MAKE IT BECKER.**





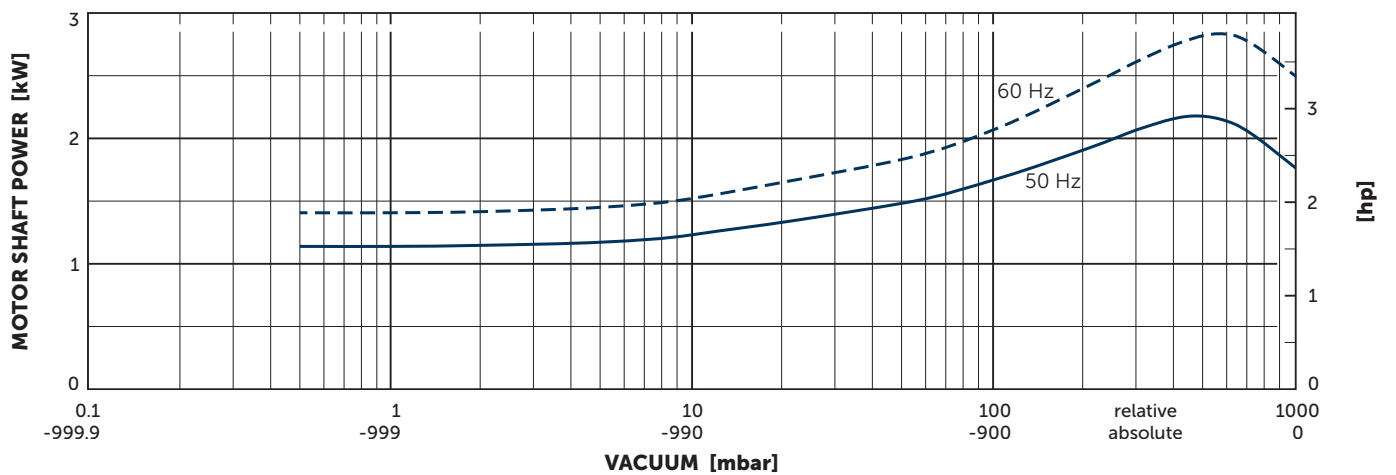
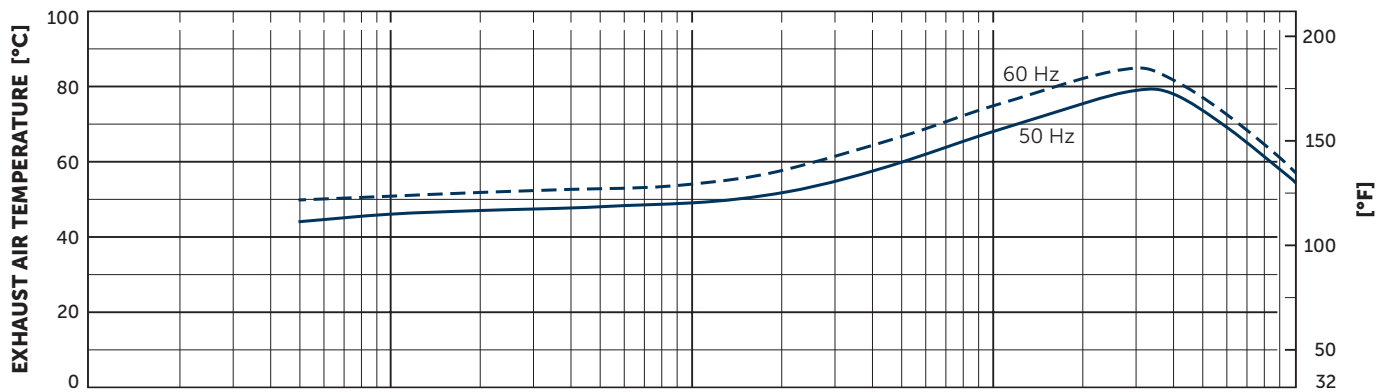
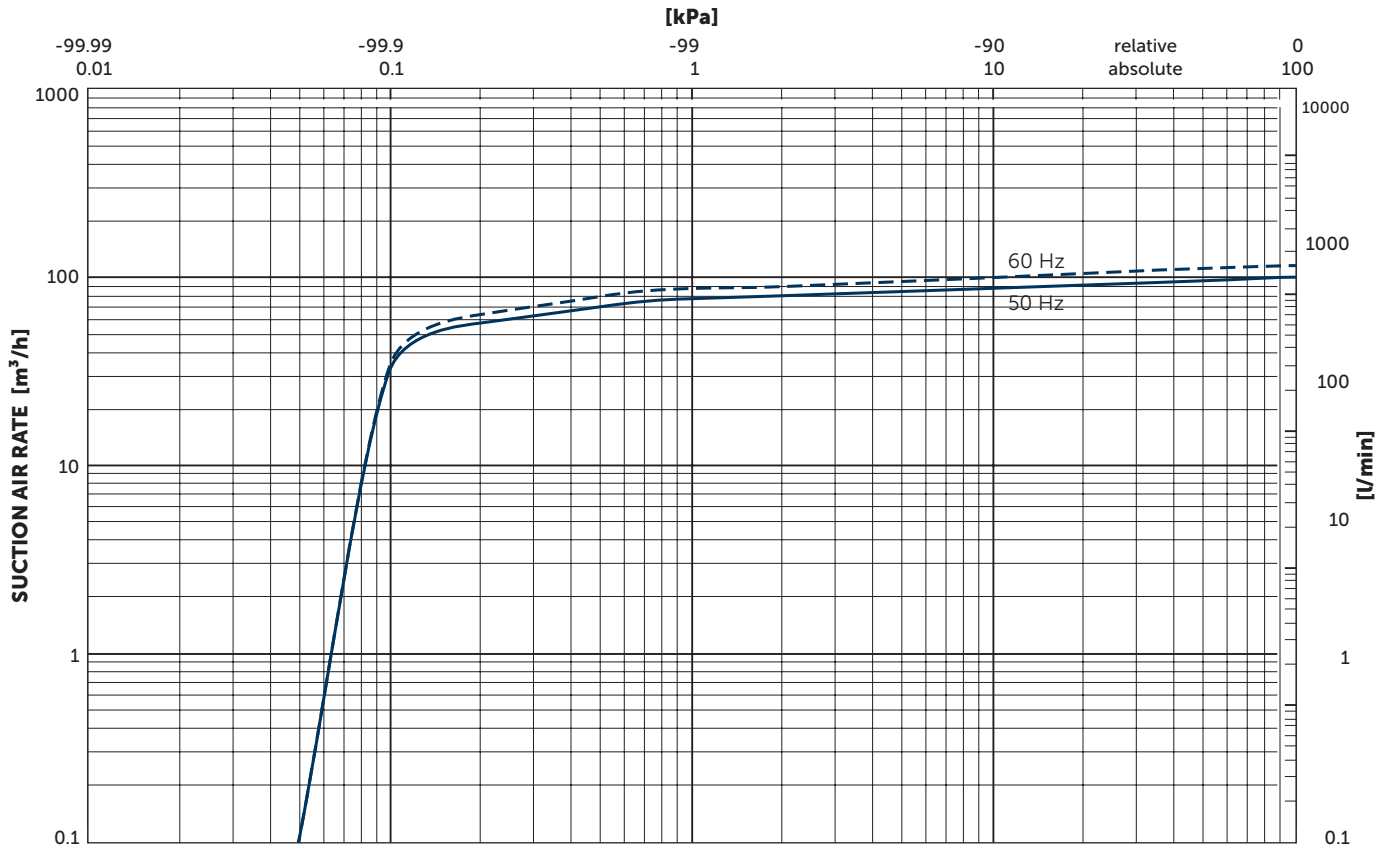
- 1 Vacuum connection (G1¼)
- 2 Exhaust air connection (G1¼)
- 3 Oil filler cap (G¾)
- 4 Oil sight glass (G1)
- 5 Screw plug for oil drain (G½)
- 6 Rubber buffer position
  - incl. gas ballast valve, non-return valve, oil separator and oil filter
  - The motor illustration may vary
  - Dimensions in mm [inch]



Nominal capacity		Vacuum absolute for continuous operation		Emission sound pressure level <sup>1)</sup>		Weight w/o motor	Oil Fomblin® YL VAC 25/6
m <sup>3</sup> /h		mbar		dB(A)		kg	l
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
100	120	<0.5–400	<0.5–400	65	68	48	2 (≈3.8 kg)

3~ Motors											L
#	50 Hz				60 Hz				Version	Weight kg	mm [inch]
	kW	V	rpm	A	kW	V	rpm	A			
01	2.2	Δ230/Y400	IE3 1440	8.2/4.8	2.6	Δ265/Y460 Δ230/Y400	IE3 1735 – 1705	8.2/4.8 9.0/5.2	UL (E365362) • CSA IP55 • ISO F • bimetal	24.5	685.5 [27.0]
02	–	–	–	–	2.6	YY230/Y460 YY208	IE3 1765 – 1755	9.3/4.6 9.7	UL (E365362) • CSA • CC334B IP55 • ISO F • bimetal	37	728.5 [28.7]
03	2.2	Δ200/Y350	IE3 1460	11.2/6.5	2.6	Δ220/Y380–400 Δ200/Y350	IE3 1750 – 1740	10.6/6.1–5.8 10.8/6.2	UL (E365362) • CSA IP55 • ISO F • bimetal	29	715.5 [28.2]
04	–	–	–	–	2.6	Δ400	IE3 1760	5.25/3.03	UL (E365362) • CSA IP55 • ISO F • bimetal	37	728.5 [28.7]

<sup>1)</sup> 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  
 ▪ Gas ballast valve: water vapour tolerance max. 7 mbar; water vapour capacity max. 0.45 l/h (at 85°C operating temperature)  
 ▪ Current consumption and rotation speed may vary. Tolerance in each case -1.5/+2%



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



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