LC 61

LUBRICATED VANE VACUUM PUMP

TECHNICAL DATA

		LC 61
Part number		9601079
Frequency	**Hz**	50 60
Nominal flow rate	**CFM**	35.35 42.4
Final pressure Gas Ballast closed	**Torr (Abs)**	0.1
Final pressure Gas Ballast open	**Torr (Abs)**	0.4
Max inlet pressure for Gas Ballast open water vapour	**Torr (Abs)**	0.1
Max water vapour pumping rate Gas Ballast open	**lb/h**	1.55
Continuous operating range	**Torr (Abs)**	300 ÷ 0.1
Maximum inlet air temperature	**°F**	104
Oil type		SW60
Oil capacity (Min - Max)	**in³**	91.55 ÷ 122.05
Noise level (UNI EN ISO 2151±3dB)	**dB(A)**	66 68
Weight	**LBS**	99

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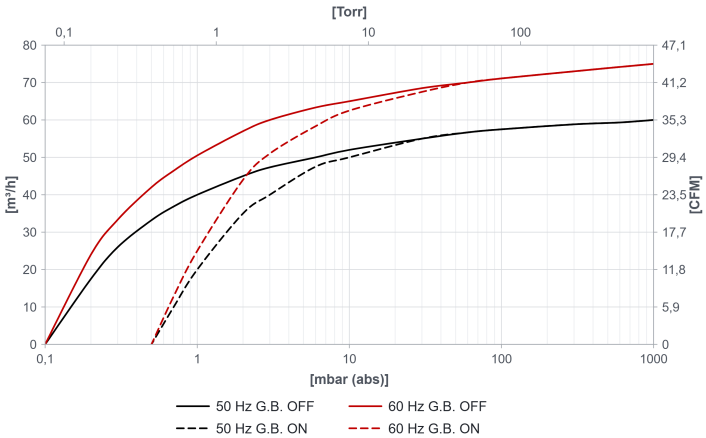
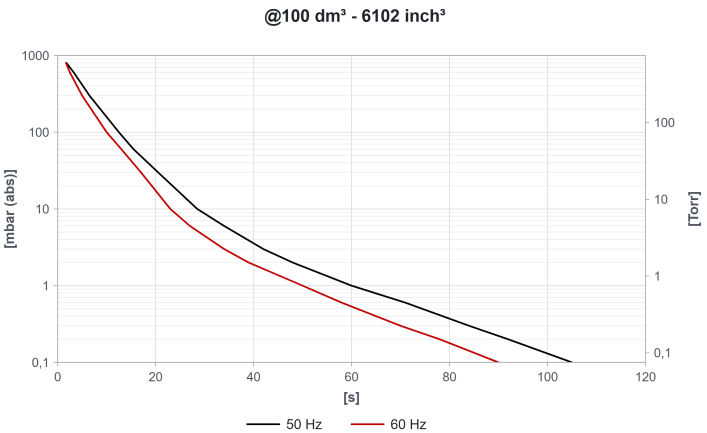
CURVES





NOTE: Curves refer to suction pressure and temperature of 20°C (tolerance ±10%)

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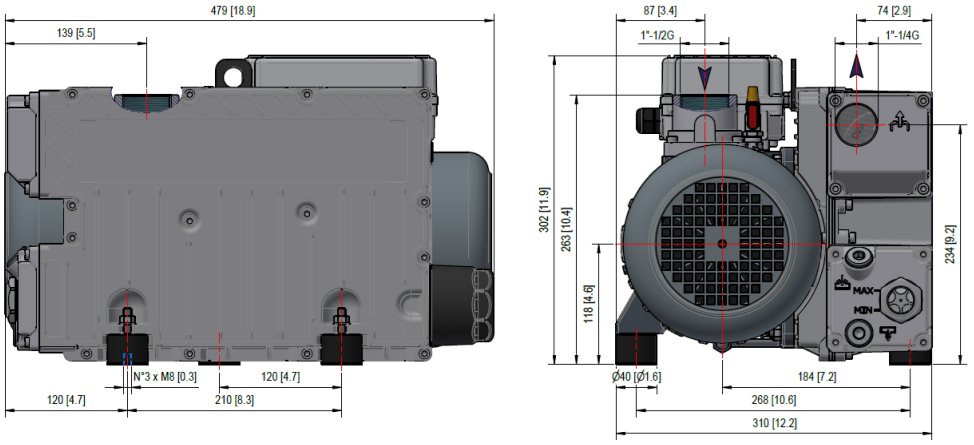
DIMENSIONS



MOTORS

LC 61 [1 Phase]						
ID	**POWER [Hp]**	**VOLTAGE [V]**	**FREQUENCY [Hz]**	**EFFICIENCY**	**RPM**	**Notes**
MA	2 2.4	220 - 240 V	50 60	////	1400 1700	S3 75%
LC 61 [3 Phase]						
SF	2 2.4	Δ230 / Y400 V Δ265 / Y460 V	50 60	IE3 ////	1400 1700	
SL	2 2.4	YY190-200 / Y380-400 V YY200-230 / Y400-460 V	50 60	IE3	1400 1700	UL

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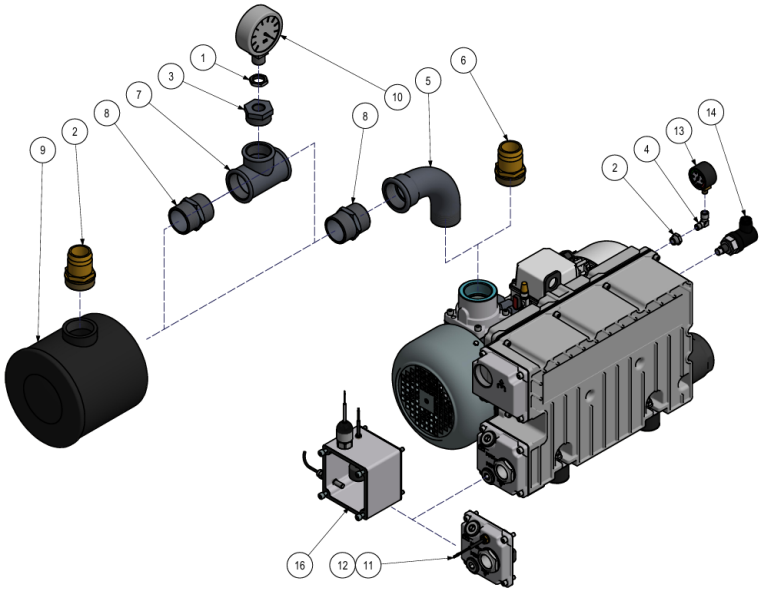

ACCESSORIES

		PART NUMBER
1	Nut	0202004
2	Reducer	2001012
3	Reducer	2001017
4	Elbow fitting	2101001
5	Elbow	2101016
6	Hose barb fitting ATG	2103015
7	T Fitting	2106056
8	Nipples	2201011
9	FCM Filter	9001018
10	VMR Vacuum Gauge	9009003
11	Oil level minimum electrical kit (N.C.)	9013014
12	Oil level minimum electrical kit (N.O.)	9013015
13	Filter clogging pressure gauge SIF	9014003
14	Clogged SIF filter switch	9019001
15	Sensor kit	9021003

VARIANTS

PFPE	Applications with over-concentration of Oxygen

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