

PRODUCT DESCRIPTION:

The LC.205 and LC.305 pumps are equipped with:

- Oil check valve
- Exhaust mist eliminator
- Automatic floating oil recovery valve
- Continuously working gas ballast
- Shock mounts
- Oil filter with by-pass
- Flexible transmission coupling

Compact design, low noise level, ease of oil check and refill and simplified maintenance operation, are the main features of this series.

The damping and recovery system, equipped with a by-pass, together with float type oil recovery valve, ensures the absence of oil vapors at the outlet.

Moreover, a sealing device prevents the oil from being sucked back should the pump stop under vacuum.

The motor-pump connection is via a flexible drive coupling. The standard version is suitable for continuous operation within a pressure range from 400 to 0,5 mbar (Abs.).

MAIN APPLICATION FIELDS:

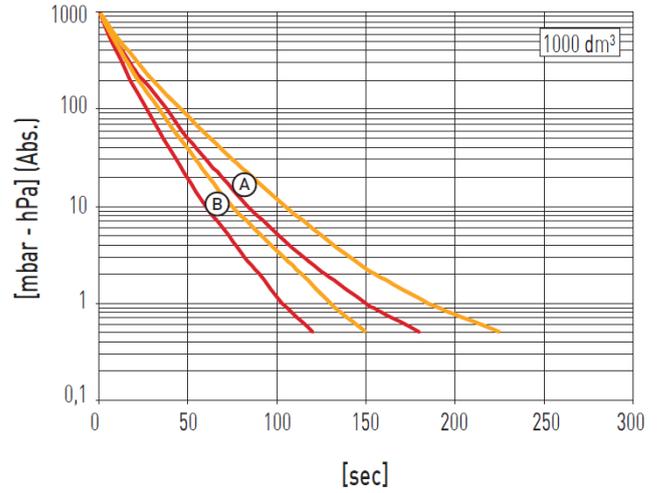
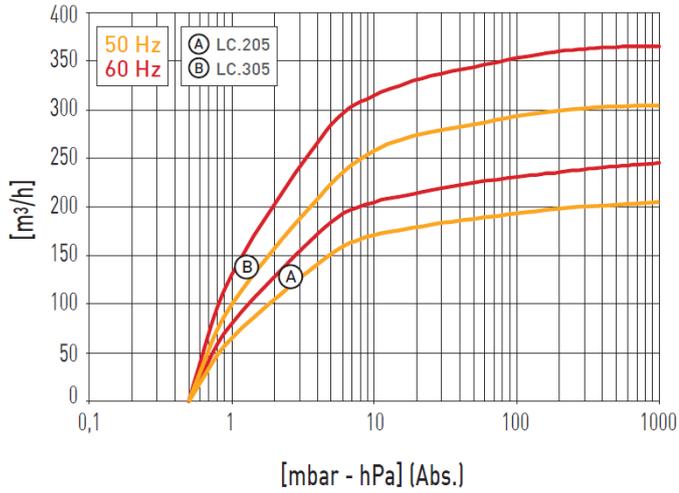
Vacuum technology is essential in food packaging: in filling and sealing machines, in food packing and food processing, and in the production of PET containers. Vacuum technology is also essential in non-food packaging.

NOTE:

Pump also available without motor.

Main accessories	LC.205	LC.305
Minor spare parts kit	K9603023	K9603024
Major spare parts kit	K9603023/1	K9603024/1
Shock mounts	Fitted	
Inlet filter	9001019	
Stepped hose fitting	2103016 (Ø40)	
Oil level switch	9013002 (N.O.) / 9013003 (N.C.)	
Vacuum gauge	9009003	
Clogged filter gauge	9014003 + 2001012	
Clogged filter switch	9019001	

Subject to change without prior notice



NOTE: Graph shows inlet pressure at a temperature of 20°C (tolerance ±10%)

		LC.205		LC.305	
		50Hz	60Hz	50Hz	60Hz
Model number		9603023		9603024	
Nominal capacity	m ³ /h	205	245	305	365
Total final pressure (Abs)	mbar - hPa	0.5			
Max inlet pressure for water vapour	mbar - hPa	25			
Max water vapour pumping rate	kg/h	3.5		5	
Motor power	(3~) kW	5.5 *	6.6 *	7.5 **	9 **
Nominal r.p.m.	n/min	1400	1700	1400	1700
Noise level (UNI EN ISO 2151 - K 3dB)	dB(A)	72	74	74	76
Weight	(3~) kg [N]	170 [1667.5]		180 [1765.8]	
Type of oil	cod. Gast	BV100 (SW100)			
Oil quantity	min ÷ max dm ³	4 to 5			
Pump intake / outlet		2" G / 2" G			
Continuous-duty working range (Abs)	mbar - hPa	400 to 0.5			
Operating temperature @ 20°C	°C	70 to 75	75 to 80	75 to 80	80 to 85
Required room temp. for place of installation	°C	12 to 40			
Ambient temperature for storage/transport	°C	-20 to 50			
Max humidity / altitude		80% / 1000m s.l.m. ***			

(*) IE2 class efficiency motor.

(**) IE3 class efficiency motor..

(***) Please contact the Manufacturer if environmental conditions are different from those prescribed.

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