

DOLPHIN LM 0100-0270 A

Liquid ring vacuum pumps and compressors



VACUUM SOLUTIONS

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Robust

Proven technology, durable single-stage construction, corrosion-free stainless steel impeller, direct flange-mounted motor, no base frame required, integrated flow channel

Reliable

Extremely high vapor and particle tolerance, optimized gas flow

Flexible

Choice of cast iron (EN-GJL-200) or 316 grade stainless steel material housings, ATEX-certified version available (Cat 1(i/o) IIC T4), operating fluids other than water possible

Accessories, spare parts and options

- Modular pumpsets, configured for once-through, partial or total recirculation of the operating fluid
- Liquid separator
- Cavitation protection
- Heat exchanger
- Gas ejector
- Wide selection of motors
- Non-return valves
- Vacuum relief valves
- Variable speed drive (only for LM 0180/0270 A)

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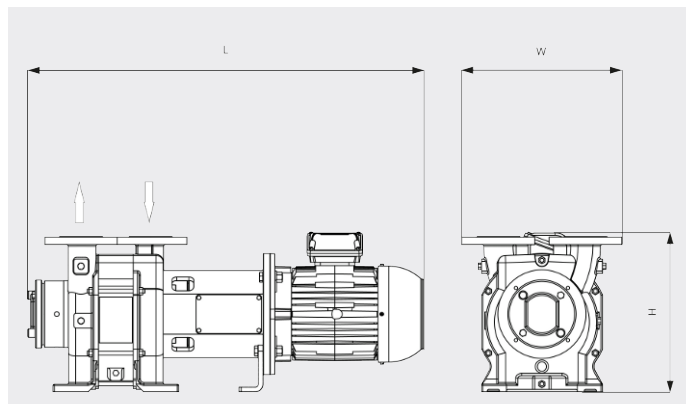
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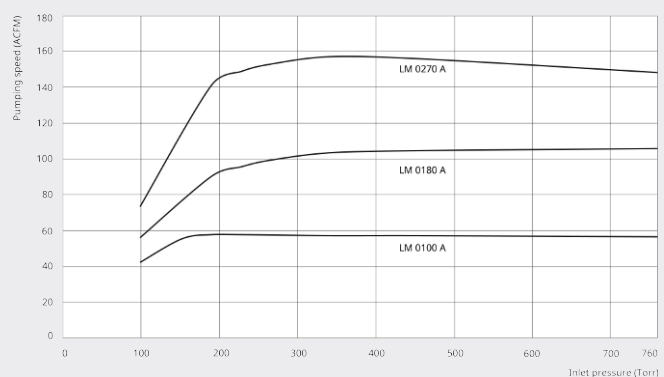
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Dimensional drawing



Pumping speed

Dry air at 70 °F. Operating fluid water 60°F. Tolerance: - 10%, in accordance with HEI and Pneurop 6612



	DOLPHIN LM 0100 A	DOLPHIN LM 0180 A	DOLPHIN LM 0270 A
Nominal pumping speed	58.0 ACFM	106.0 ACFM	157.0 ACFM
Ultimate pressure	97.5 TORR	97.5 TORR	97.5 TORR
Nominal motor rating	5.0 hp	7.5 hp	10.0 hp
Nominal motor speed	1800 RPM	1800 RPM	1800 RPM
Sound pressure level (ISO 3744), 1 m distance, at medium load	71 dB(A)	71 dB(A)	71 dB(A)
Weight approx.	243 Lbs.	269 Lbs.	346 Lbs.
Dimensions (L x W x H)	31.9 x 13.0 x 13.0 inches	34.6 x 13.0 x 13.8 inches	38.9 x 13.0 x 38.9 inches
Gas inlet / outlet	DN 40 PN 10 / ANSI 1½" / 150 lbs / JIS 40 10K / DN 40 PN 10 / ANSI 1½" / 150 lbs / JIS 40 10K	DN 40 PN 10 / ANSI 1½" / 150 lbs / JIS 40 10K / DN 40 PN 10 / ANSI 1½" / 150 lbs / JIS 40 10K	DN 40 PN 10 / ANSI 1½" / 150 lbs / JIS 40 10K / DN 40 PN 10 / ANSI 1½" / 150 lbs / JIS 40 10K

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