

DOLPHIN LT 0130-0220 A

Liquid ring vacuum pumps



VACUUM SOLUTIONS

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Robust

Proven technology, durable two-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 1G (i) 2G (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 LT 0170/0220 A)

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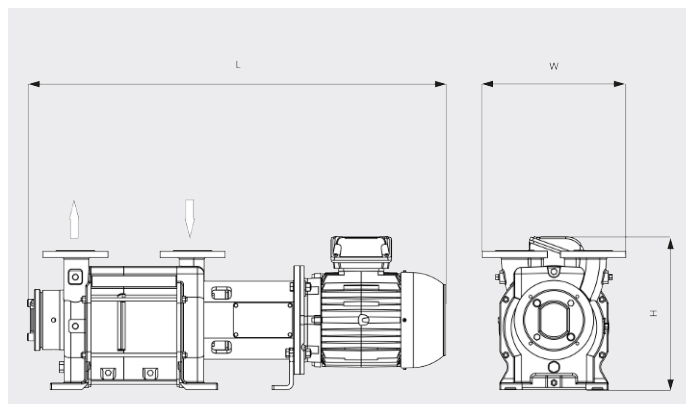
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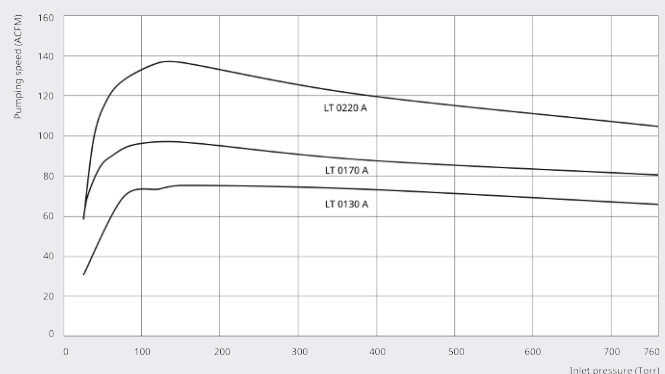
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Dimensional drawing



Pumping speed

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



	DOLPHIN LT 0130 A	DOLPHIN LT 0170 A	DOLPHIN LT 0220 A
Nominal pumping speed	75.0 ACFM	95.0 ACFM	135.0 ACFM
Ultimate pressure	25 TORR	25 TORR	25 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.	306 Lbs.	328 Lbs.	414 Lbs.
Dimensions (L x W x H)	35.7 x 13.0 x 13.0 inches	37.6 x 13.0 x 13.8 inches	42.6 x 13.0 x 15.0 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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