

DOLPHIN LT 0320-0510 A

Liquid ring vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



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 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

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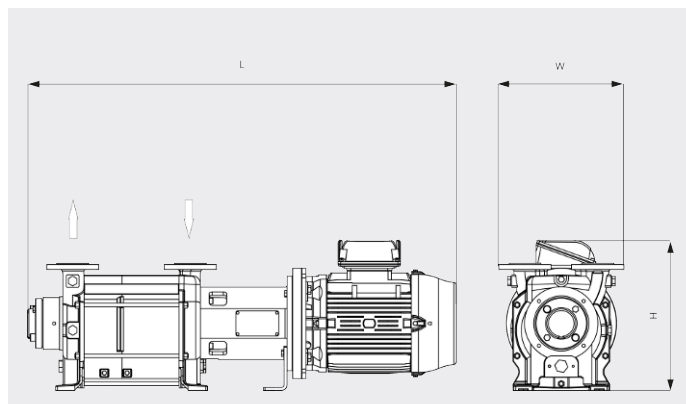
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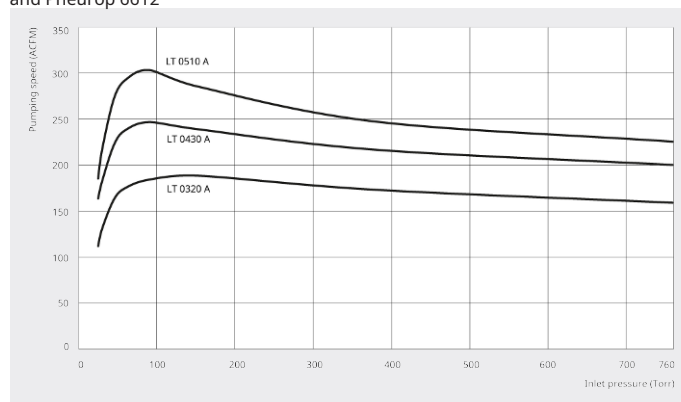
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Dimensional drawing



Pumping speed

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



	DOLPHIN LT 0320 A	DOLPHIN LT 0430 A	DOLPHIN LT 0510 A
Nominal pumping speed	188.0 ACFM	246.0 ACFM	303.0 ACFM
Ultimate pressure	25 TORR	25 TORR	25 TORR
Nominal motor rating	15.0 hp	20.0 hp	20.0 hp
Nominal motor speed	1800 RPM	1800 RPM	1800 RPM
Sound pressure level (ISO 3744), 1 m distance, at medium load	73 dB(A)	73 dB(A)	73 dB(A)
Weight approx.	533 Lbs.	648 Lbs.	714 Lbs.
Dimensions (L x W x H)	47.6 x 15.6 x 17.0 inches	53.4 x 15.6 x 18.8 inches	55.8 x 15.6 x 18.8 inches
Gas inlet / outlet	DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K / DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K	DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K / DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K	DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K / DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K

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