

DOLPHIN LR 0210/0300 A

Liquid ring vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Robust

Proven technology, reliable operation, extremely high vapor and particle tolerance, specially designed for challenging environments like mining, power plants, sugar production, pulp and paper industry, steel production etc.

High performance

High-capacity, high pumping speeds

Flexible

Modular design, choice of cast iron (EN-GJL-200) housing with ductile cast iron impeller or all 304 grade, or 316L grade corrosion-free stainless steel material, operating fluids other than water possible, operation as compressor possible

Accessories, spare parts and options

- Motorized pumpsets, with gearbox or V-belt drive system
- Sturdy, steel mounting baseframes
- Partial or total recirculation systems
- Cavitation protection
- Gas ejector
- Non-return valves
- Vacuum relief valves
- Temporary inlet screens (for commissioning)

DOLPHIN LR 0210/0300 A

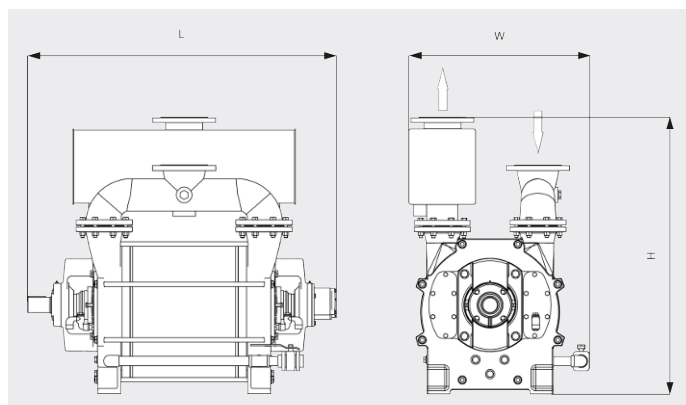
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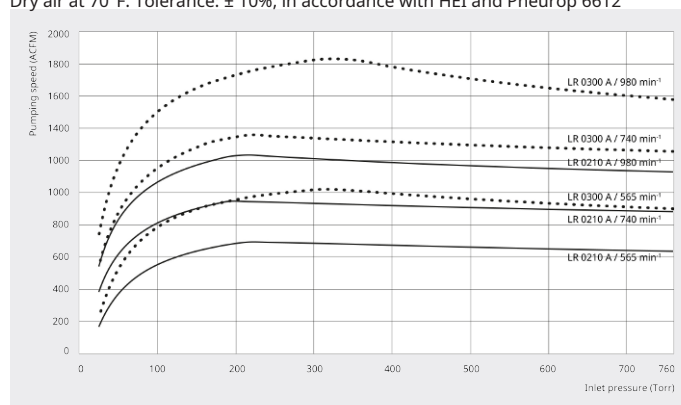
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Dimensional drawing



Pumping speed

Dry air at 70°F. Tolerance: $\pm 10\%$, in accordance with HEI and Pneurop 6612



	DOLPHIN LR 0210 A	DOLPHIN LR 0300 A
Nominal pumping speed	692 – 1236 ACFM	983 – 1772 ACFM
Ultimate pressure	25 TORR	25 TORR
Nominal motor rating	40 – 100 hp	60 – 150 hp
Rotational speed of vacuum pump	565 – 980 RPM	565 – 980 RPM
Sound pressure level (ISO 3744), 1 m distance, at medium load	≤ 85 dB(A)	≤ 85 dB(A)
Weight approx.	2006 Lbs.	2259 Lbs.
Dimensions (L x W x H)	48.7 x 32.0 x 49.0 inches	54.6 x 32.0 x 49.0 inches
Gas inlet / outlet	ANSI 150 6"/6" / ANSI 150 6"/6"	ANSI 150 6"/6" / ANSI 150 6"/6"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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