

DOLPHIN LR 0110/0140 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 0110/0140 A

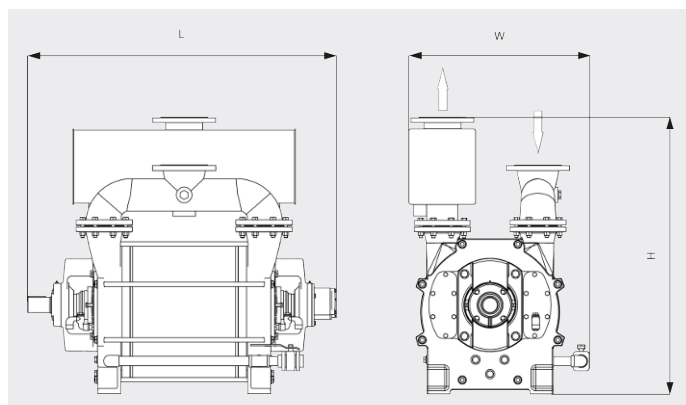
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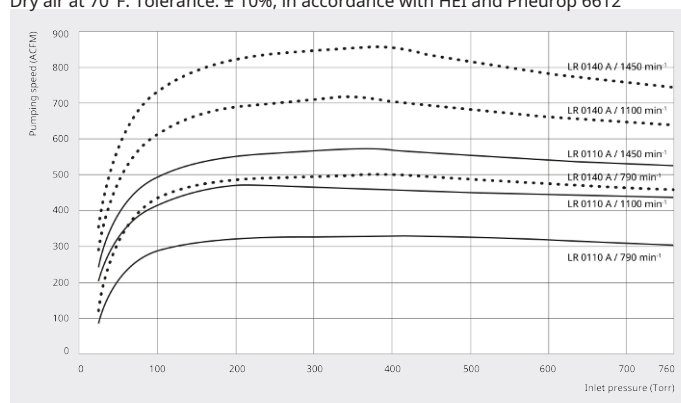
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Dimensional drawing



Pumping speed

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



	DOLPHIN LR 0110 A	DOLPHIN LR 0140 A
Nominal pumping speed	335 – 565 ACFM	494 – 842 ACFM
Ultimate pressure	25 TORR	25 TORR
Nominal motor rating	25 – 60 hp	40 – 75 hp
Rotational speed of vacuum pump	790 – 1450 RPM	790 – 1450 RPM
Sound pressure level (ISO 3744), 1 m distance, at medium load	≤ 80 dB(A)	≤ 80 dB(A)
Weight approx.	1000 Lbs.	1126 Lbs.
Dimensions (L x W x H)	38.4 x 27.6 x 38.8 inches	43.1 x 27.6 x 38.8 inches
Gas inlet / outlet	ANSI 150 5"/5" / ANSI 150 5"/5"	ANSI 150 5" / ANSI 150 5"/5"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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