

# DOLPHIN LR 0110/0140 A

Liquid ring vacuum pumps



VACUUM SOLUTIONS



## 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)

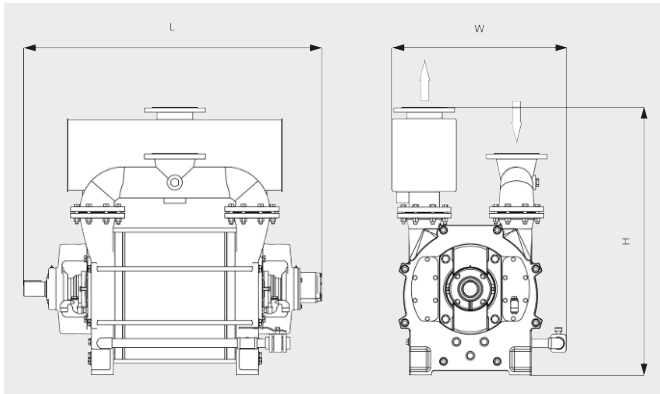
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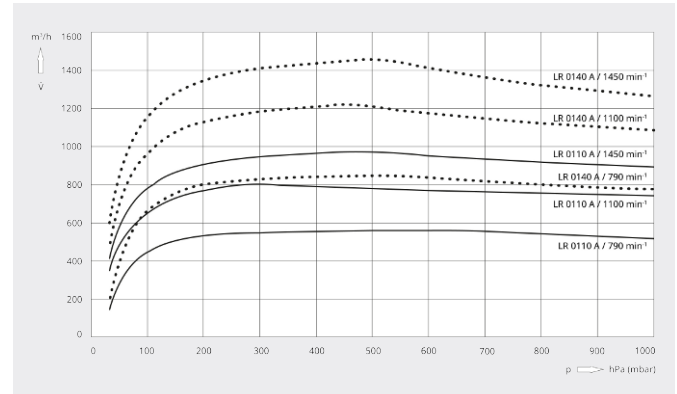
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Dimensional drawing



Pumping speed

Dry air at 20°C. Tolerance: ± 10%, in accordance with HEI and Pneurop 6612



	DOLPHIN LR 0110 A	DOLPHIN LR 0140 A
Nominal pumping speed	570 – 960 m <sup>3</sup> /h	840 – 1430 m <sup>3</sup> /h
Ultimate pressure	33 hPa (mbar)	33 hPa (mbar)
Nominal motor rating	18.5 – 45 kW	30 – 55 kW
Rotational speed of vacuum pump	790 – 1450 min <sup>-1</sup>	790 – 1450 min <sup>-1</sup>
Noise level (ISO 2151)	≤ 80 dB(A)	≤ 80 dB(A)
Weight approx.	454 kg	511 kg
Dimensions (L x W x H)	975 x 700 x 985 mm	1095 x 700 x 985 mm
Gas inlet / outlet	DN 125 PN 10 / DN 125 PN 10	DN 125 PN 10 / DN 125 PN 10

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[sales@buschindia.com](mailto:sales@buschindia.com) or +91 (0)124 475 1300



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