

# 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

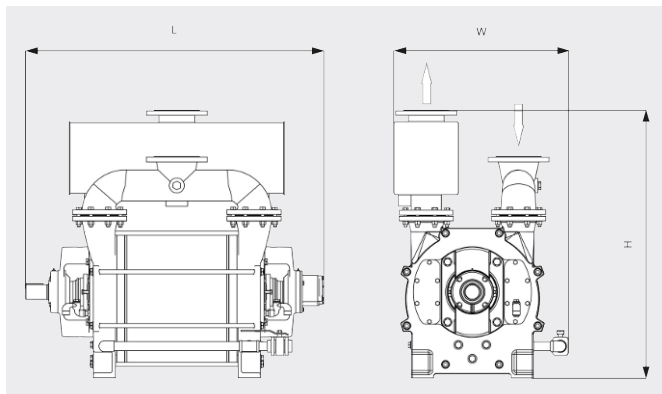
- Motorized pumpsets, with gearbox or V-belt drive system
- Sturdy, steel mounting baseframes
- Partial or total recirculation systems
- Cavitation protection
- Gas ejector
- Non-return valves
- Vacuum relief valves
- Temporary inlet screens (for commissioning)

# DOLPHIN LR 0110/0140 A

Liquid ring vacuum pumps

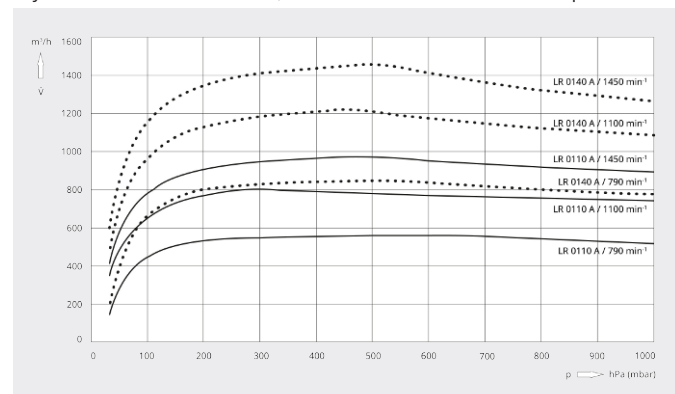


Dimensional drawing



Pumping speed

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



	DOLPHIN LR 0110 A	DOLPHIN LR 0140 A
Nominal pumping speed	570 – 960 m³/h	840 – 1430 m³/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

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
[sales@busch.ie](mailto:sales@busch.ie) or +353 (0)1 832 13 30



CONTACT FORM



CALL NOW