

# DOLPHIN LR 0210/0300 A

Liquid ring vacuum pumps



Discover all advantages of  
the product series DOLPHIN  
LR

## 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

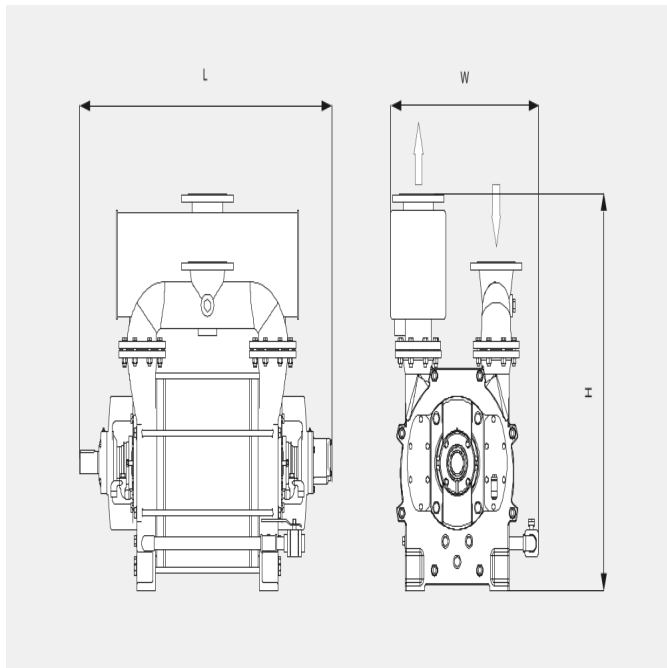
- Motorized pumpsets, with gearbox or V-belt drive system
- Sturdy, steel mounting baseframes
- Partial or total recirculation systems
- Cavitation protection
- Gas ejector
- Non-return valves
- Vacuum relief valves
- Temporary inlet screens (for commissioning)

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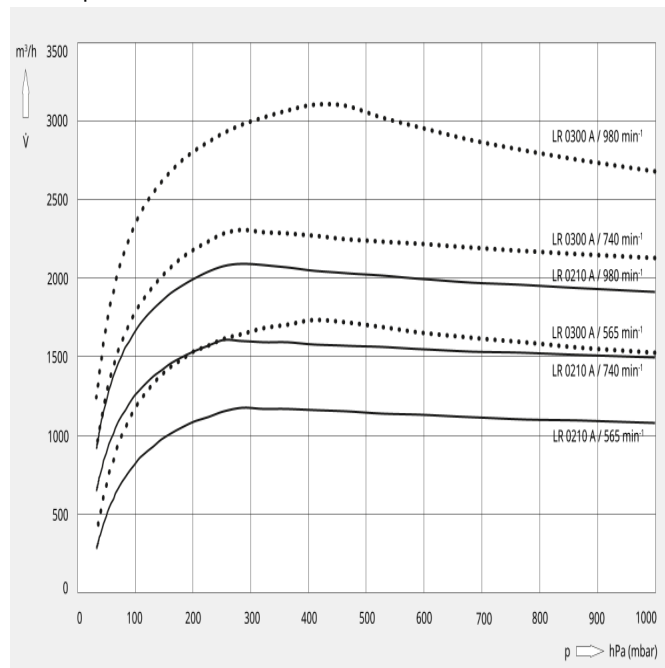


## Dimensional drawing



## Pumping speed

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



The following technical values refer to ISO 50 Hz

	DOLPHIN LR 0210 A	DOLPHIN LR 0300 A
Nominal pumping speed	1175 – 2100 m³/h	1670 – 3010 m³/h
Ultimate pressure	33 hPa (mbar)	33 hPa (mbar)
Nominal motor rating	30 – 75 kW	45 – 110 kW
Rotational speed of vacuum pump	565 – 980 min⁻¹	565 – 980 min⁻¹
Noise level (ISO 2151)	≤ 85 dB(A)	≤ 85 dB(A)
Weight approx.	910 kg	1025 kg
Dimensions (L x W x H)	1238 x 814 x 1245 mm	1388 x 814 x 1245 mm
Gas inlet	DN 150 PN 10	DN 150 PN 10
Gas outlet	DN 150 PN 10	DN 150 PN 10

# DOLPHIN LR 0210/0300 A

Liquid ring vacuum pumps



The following technical values refer to ISO 60 Hz

	DOLPHIN LR 0210 A	DOLPHIN LR 0300 A
Nominal pumping speed	1175 – 2100 m <sup>3</sup> /h	1670 – 3010 m <sup>3</sup> /h
Ultimate pressure	33 hPa (mbar)	33 hPa (mbar)
Nominal motor rating	30 – 75 kW	45 – 110 kW
Rotational speed of vacuum pump	565 – 980 min <sup>-1</sup>	565 – 980 min <sup>-1</sup>
Noise level (ISO 2151)	≤ 85 dB(A)	≤ 85 dB(A)
Weight approx.	910 kg	1025 kg
Dimensions (L x W x H)	1238 x 814 x 1245 mm	1388 x 814 x 1245 mm
Gas inlet	DN 150 PN 10	DN 150 PN 10
Gas outlet	DN 150 PN 10	DN 150 PN 10

## DO YOU WANT TO KNOW MORE

Please contact us!  
sales@busch.co.nz or +64 (0)800 428 724



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