

# DOLPHIN LR 1560/2200 A

Liquid ring vacuum pumps



**VACUUM SOLUTIONS**

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## 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, mounted on sturdy steel base frames
- Partial or total recirculation systems
- Cavitation protection
- Gas ejector
- Non-return valves
- Vacuum relief valves

# DOLPHIN LR 1560/2200 A

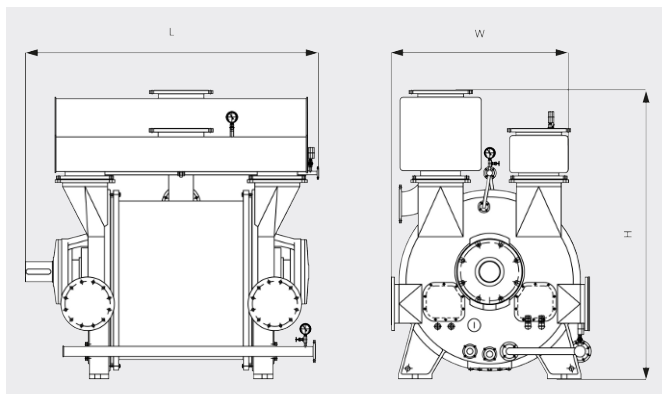
Liquid ring vacuum pumps



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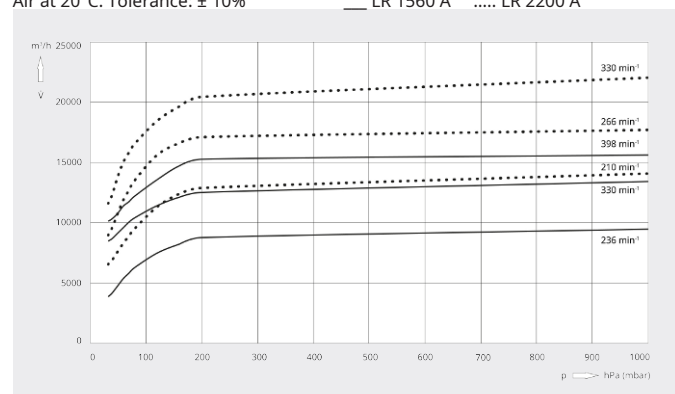
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— LR 1560 A ..... LR 2200 A



|                                                               | DOLPHIN LR 1560 A           | DOLPHIN LR 2200 A           |
|---------------------------------------------------------------|-----------------------------|-----------------------------|
| Nominal pumping speed                                         | 9500 – 15600 m³/h           | 14100 – 22000 m³/h          |
| Ultimate pressure                                             | 33 hPa (mbar)               | 33hPa (mbar)                |
| Nominal motor rating                                          | 220 – 450 kW                | 355 – 600 kW                |
| Nominal motor speed                                           | 236 – 398 min <sup>-1</sup> | 210 – 330 min <sup>-1</sup> |
| Sound pressure level (ISO 3744), 1 m distance, at medium load | < 85 dB(A)                  | < 85 dB(A)                  |
| Weight approx.                                                | 8340 kg                     | 12000 kg                    |
| Dimensions (L x W x H)                                        | 2512 x 1785 x 2560 mm       | 2891 x 2065 x 2965 mm       |
| Gas inlet / outlet                                            | DN 400 PN 10 / DN 400 PN 10 | DN 500 PN 10 / DN 500 PN 10 |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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