

# DOLPHIN LG 1910/2680 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 316 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

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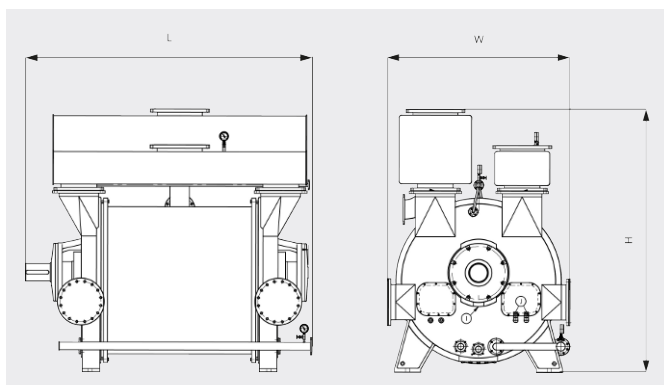
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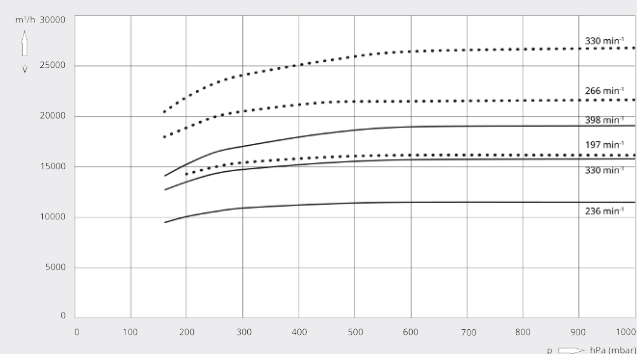
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— LG 1910 A ..... LG 2680 A



|                                                               | DOLPHIN LG 1910 A                                                        | DOLPHIN LG 2680 A                                                        |
|---------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Nominal pumping speed                                         | 11550 – 19100 m³/h                                                       | 16160 – 26800 m³/h                                                       |
| Ultimate pressure                                             | 160 hPa (mbar)                                                           | 160 hPa (mbar)                                                           |
| Nominal motor rating                                          | 220 / 280 / 315 / 355 / 450 / 500 – 220 / 280 / 315 / 355 / 450 / 500 kW | 315 / 355 / 400 / 500 / 560 / 650 – 315 / 355 / 400 / 500 / 560 / 650 kW |
| Nominal motor speed                                           | 236 – 398 min <sup>-1</sup>                                              | 197 – 330 min <sup>-1</sup>                                              |
| Sound pressure level (ISO 3744), 1 m distance, at medium load | < 85 dB(A)                                                               | < 85 dB(A)                                                               |
| Weight approx.                                                | 8930 kg                                                                  | 12750 kg                                                                 |
| Dimensions (L x W x H)                                        | 2732 x 1785 x 2560 mm                                                    | 3191 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?

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