

# DOLPHIN LG 0890/1200 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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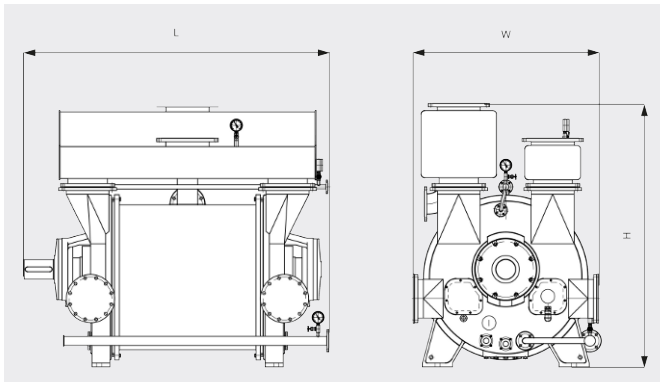
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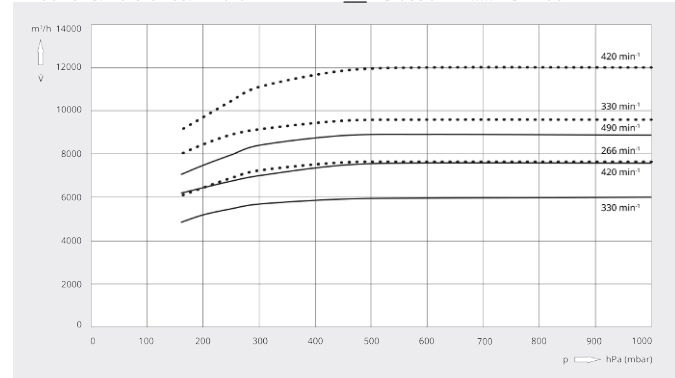
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— LG 0890 A ..... LG 1200 A



|                                                               | DOLPHIN LG 0890 A                                            | DOLPHIN LG 1200 A                                            |
|---------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Nominal pumping speed                                         | 6000 – 8900 m³/h                                             | 7650 – 12000 m³/h                                            |
| Ultimate pressure                                             | 160 hPa (mbar)                                               | 160 hPa (mbar)                                               |
| Nominal motor rating                                          | 132 / 160 / 185 / 200 / 220 – 132 / 160 / 185 / 200 / 220 kW | 160 / 185 / 220 / 250 / 280 – 160 / 185 / 220 / 250 / 280 kW |
| Nominal motor speed                                           | 330 – 490 min <sup>-1</sup>                                  | 266 – 420 min <sup>-1</sup>                                  |
| Sound pressure level (ISO 3744), 1 m distance, at medium load | < 85 dB(A)                                                   | < 85 dB(A)                                                   |
| Weight approx.                                                | 3880 kg                                                      | 5760 kg                                                      |
| Dimensions (L x W x H)                                        | 2370 x 1330 x 1865 mm                                        | 2500 x 1550 x 2160 mm                                        |
| Gas inlet / outlet                                            | DN 300 PN 10 / DN 300 PN 10                                  | DN 350 PN 10 / DN 350 PN 10                                  |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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