

# DOLPHIN LB 2108-3008 A

Liquid ring vacuum pumps



**VACUUM SOLUTIONS**

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## Robust

Proven technology, durable two-stage construction

## Reliable

Extremely high vapor and particle tolerance

## Flexible

Wide range of construction materials, including cast iron (EN-GJL-200), many grades of stainless steel and even titanium, ATEX-certified version available (Cat 1(i)/2(o) IIC T5), operating fluids other than water possible, operation as compressor possible

Accessories, spare parts and options

- Partial or total recirculation systems
- Liquid separator
- Cavitation protection
- Heat exchanger
- Gas ejector
- Wide selection of motors
- Non-return valves
- Vacuum relief valves

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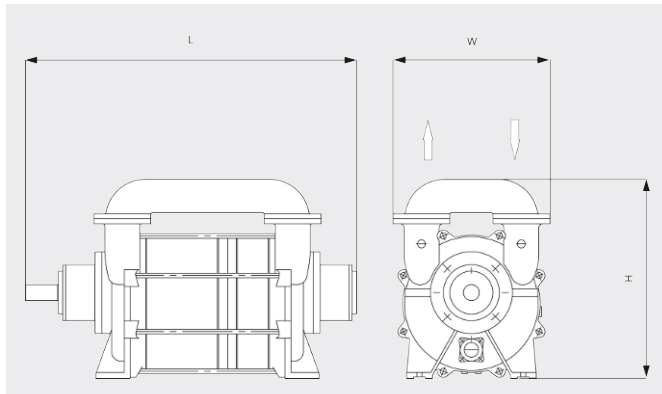
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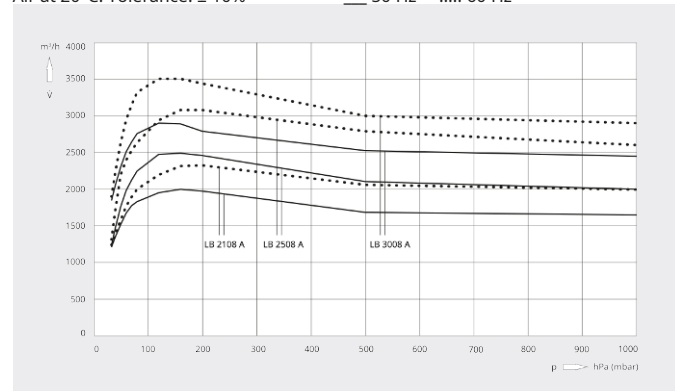
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                                               | DOLPHIN LB 2108 A             | DOLPHIN LB 2508 A             | DOLPHIN LB 3008 A             |
|---------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Nominal pumping speed                                         | 2100 / 2300 m³/h (50 / 60 Hz) | 2500 / 3080 m³/h (50 / 60 Hz) | 3000 / 3200 m³/h (50 / 60 Hz) |
| Ultimate pressure                                             | 33 hPa (mbar) (50 / 60 Hz)    | 33 hPa (mbar) (50 / 60 Hz)    | 33 hPa (mbar) (50 / 60 Hz)    |
| Nominal motor rating                                          | 55 / 90 kW (50 / 60 Hz)       | 75 / 110 kW (50 / 60 Hz)      | 150 / 90 kW (50 / 60 Hz)      |
| Nominal motor speed                                           | 735 / 880 min⁻¹ (50 / 60 Hz)  | 735 / 880 min⁻¹ (50 / 60 Hz)  | 735 / 880 min⁻¹ (50 / 60 Hz)  |
| Sound pressure level (ISO 3744), 1 m distance, at medium load | 79 dB(A) (50 / 60 Hz)         | 79 dB(A) (50 / 60 Hz)         | 79 dB(A) (50 / 60 Hz)         |
| Weight approx.                                                | 1526 kg                       | 1664 kg                       | 1800 kg                       |
| Dimensions (L x W x H)                                        | 1658 – 1938 x 650 x 800 mm    | 1808 – 2088 x 650 x 800 mm    | 1908 – 2188 x 650 x 800 mm    |
| Gas inlet / outlet                                            | DN 150 PN 10 / DN 150 PN 10   | DN 150 PN 10 / DN 150 PN 10   | DN 150 PN 10 / DN 150 PN 10   |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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