

# 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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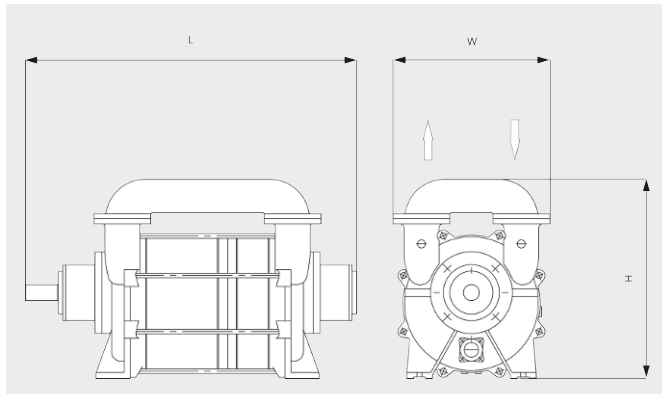
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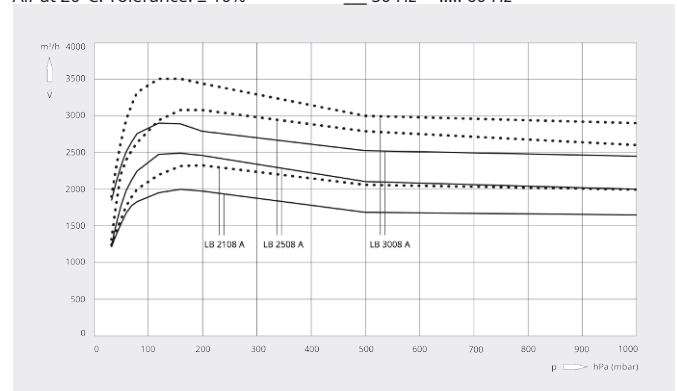
Dimensional drawing



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