# DOLPHIN LB 2108–3008 A

**Liquid ring vacuum pumps**

VACUUM SOLUTIONS

Part of the BUSCH GROUP

## 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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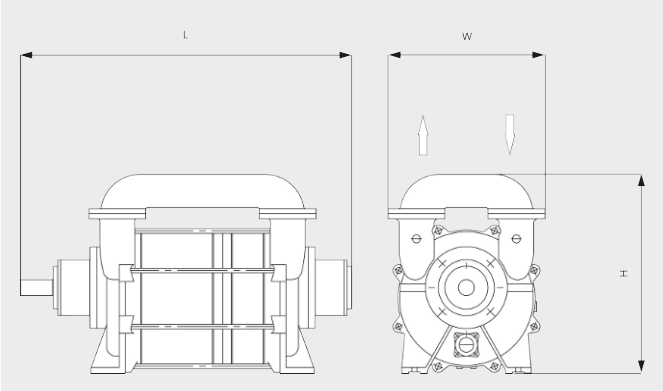
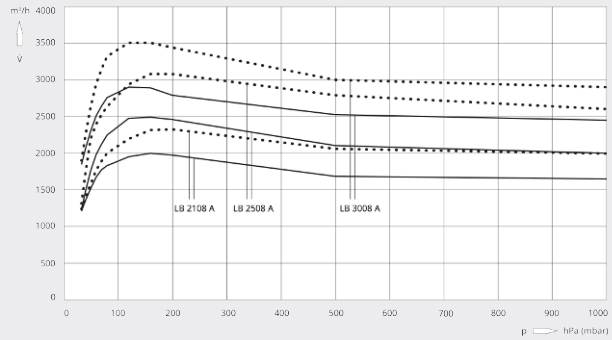
Dimensional drawing




Pumping speed

Air at 20°C. Tolerance: ± 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!
**sales@busch.com.au** or **1 800 639 087**

CONTACT FORM

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