

# DOLPHIN LA 1157-1807 A

Liquid ring vacuum pumps



**VACUUM SOLUTIONS**

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## Robust

Proven technology, durable single-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), different operating fluids 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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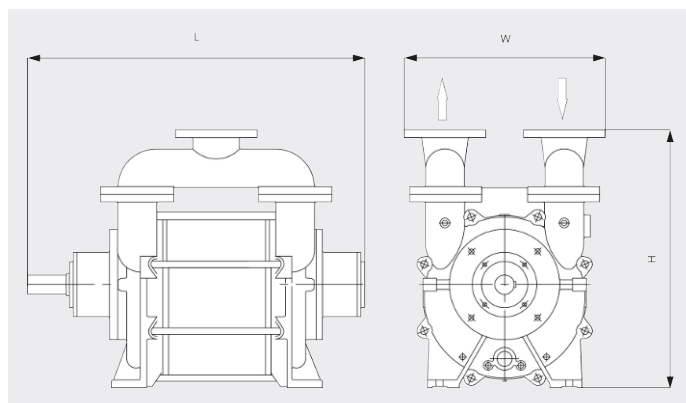
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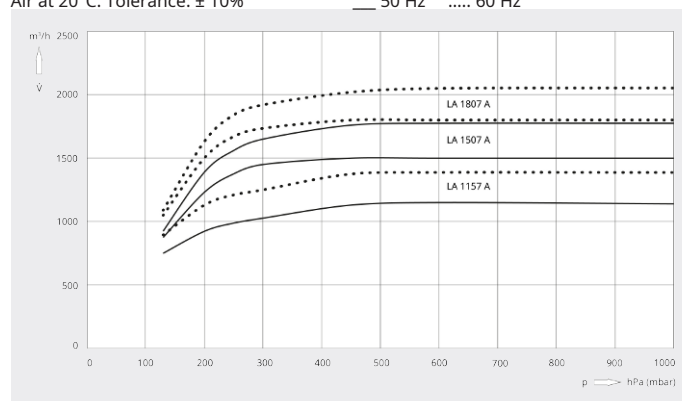
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

\_\_\_ 50 Hz ..... 60 Hz



|                                                               | DOLPHIN LA 1157 A              | DOLPHIN LA 1507 A              | DOLPHIN LA 1807 A              |
|---------------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Nominal pumping speed                                         | 1150 / 1380 m³/h               | 1500 / 1800 m³/h               | 1800 / 2050 m³/h               |
| Ultimate pressure                                             | 130 hPa (mbar)                 | 130 hPa (mbar)                 | 130 hPa (mbar)                 |
| Nominal motor rating                                          | 30 / 45 kW                     | 45 / 55 kW                     | 50 / 75 kW                     |
| Nominal motor speed                                           | 980 / 1150 min <sup>-1</sup>   | 980 / 1150 min <sup>-1</sup>   | 980 / 1150 min <sup>-1</sup>   |
| Sound pressure level (ISO 3744), 1 m distance, at medium load | 77 dB(A)                       | 77 dB(A)                       | 77 dB(A)                       |
| Weight approx.                                                | 575 kg                         | 638 kg                         | 701 kg                         |
| Dimensions (L x W x H)                                        | ( 1046 – 1231 ) x 480 x 800 mm | ( 1146 – 1331 ) x 480 x 800 mm | ( 1246 – 1431 ) x 480 x 800 mm |
| Gas inlet / outlet                                            | DN 125 PN 10 / DN 125 PN 10    | DN 125 PN 10 / DN 125 PN 10    | DN 125 PN 10 / DN 125 PN 10    |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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