

# 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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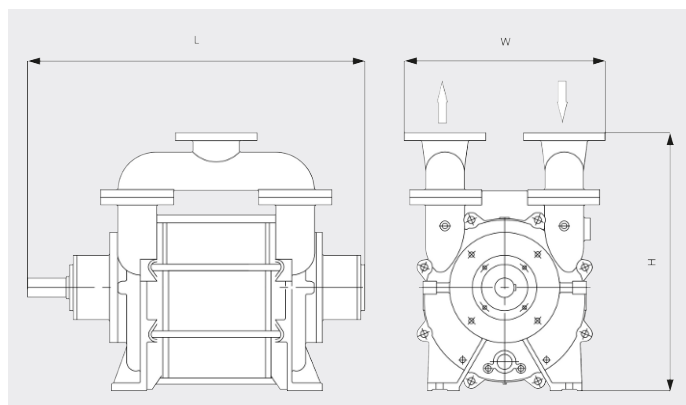
Liquid ring vacuum pumps



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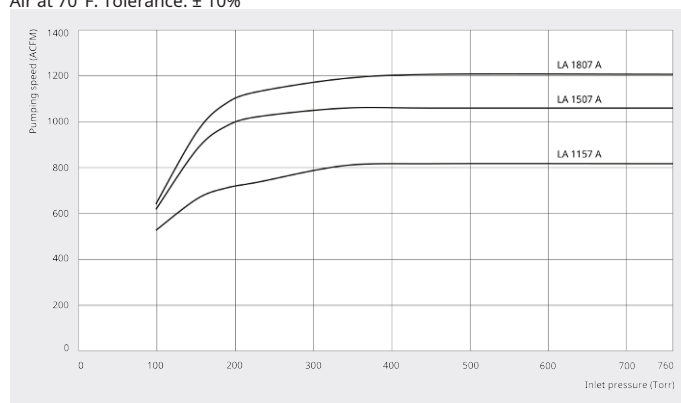
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Dimensional drawing



Pumping speed

Air at 70°F. Tolerance:  $\pm 10\%$



|                                                               | DOLPHIN LA 1157 A         | DOLPHIN LA 1507 A         | DOLPHIN LA 1807 A            |
|---------------------------------------------------------------|---------------------------|---------------------------|------------------------------|
| Nominal pumping speed                                         | 812.2 ACFM                | 1059.0 ACFM               | 624 – 1207 ACFM              |
| Ultimate pressure                                             | 97.5 TORR                 | 97.5 TORR                 | 97.5 TORR                    |
| Nominal motor rating                                          | 60.0 hp                   | 75.0 hp                   | 60 – 100 hp                  |
| Nominal motor speed                                           | 1150 RPM                  | 1150 RPM                  | 880 – 1150 RPM               |
| Sound pressure level (ISO 3744), 1 m distance, at medium load | 77 dB(A)                  | 77 dB(A)                  | 77 dB(A)                     |
| Weight approx.                                                | 1268 Lbs.                 | 1407 Lbs.                 | 1545 Lbs.                    |
| Dimensions (L x W x H)                                        | 48.5 x 18.9 x 31.5 inches | 52.4 x 18.9 x 31.5 inches | 49 – 56 x 18.9 x 31.5 inches |
| Gas inlet / outlet                                            | 5" / 5"                   | 5" / 5"                   | 5" / 5"                      |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

[info@buschusa.com](mailto:info@buschusa.com) or +1 757 463 7800



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