

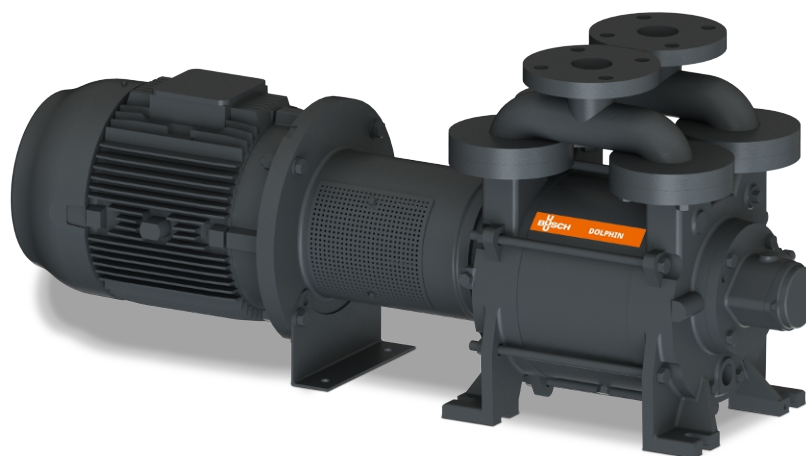
# DOLPHIN LA 0224-0475 A

Liquid ring vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## 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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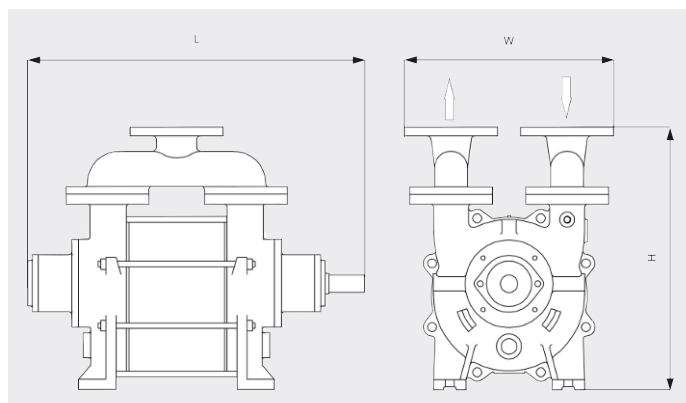
Liquid ring vacuum pumps



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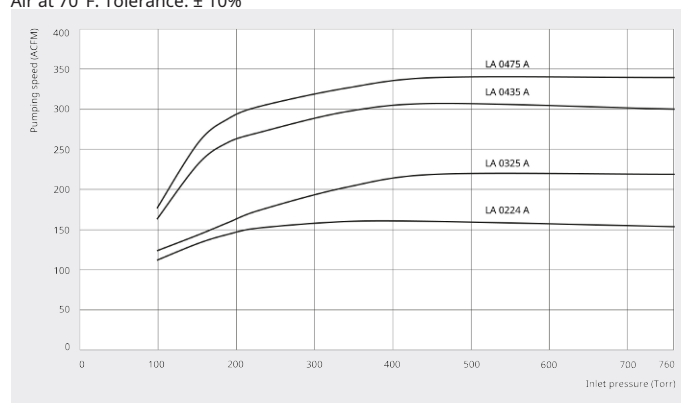
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Dimensional drawing



Pumping speed

Air at 70°F. Tolerance:  $\pm 10\%$



|                                                               | DOLPHIN LA 0224 A         | DOLPHIN LA 0325 A         | DOLPHIN LA 0435 A         | DOLPHIN LA 0475 A         |
|---------------------------------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Nominal pumping speed                                         | 160.0 ACFM                | 219.0 ACFM                | 307.0 ACFM                | 335.0 ACFM                |
| Ultimate pressure                                             | 100 TORR                  | 115 TORR                  | 100 TORR                  | 100 TORR                  |
| Nominal motor rating                                          | 10.0 hp                   | 20.0 hp                   | 25.0 hp                   | 30.0 hp                   |
| Nominal motor speed                                           | 1750 RPM                  | 1750 RPM                  | 1750 RPM                  | 1750 RPM                  |
| Sound pressure level (ISO 3744), 1 m distance, at medium load | 72 dB(A)                  | 75 dB(A)                  | 75 dB(A)                  | 74 dB(A)                  |
| Weight approx.                                                | 194 Lbs.                  | 331 Lbs.                  | 408 Lbs.                  | 463 Lbs.                  |
| Dimensions (L x W x H)                                        | 21.6 x 10.6 x 17.7 inches | 24.6 x 11.8 x 15.3 inches | 26.3 x 11.8 x 20.5 inches | 31.4 x 11.8 x 20.5 inches |
| Gas inlet / outlet                                            | 2" / 2"                   | 2" / 2"                   | 2½" / 2½"                 | 2½" / 2½"                 |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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