# DOLPHIN LT 0320-0510 A ECOTORQUE

**Liquid Ring Vacuum Pumps**

VACUUM SOLUTIONS

Part of the BUSCH GROUP




## Demand-driven

Reduced energy consumption, extended operating range, and minimized noise and wear through precise adjustment of vacuum level (pressure control) and pumping speed (speed control) to process requirements using an integrated control solution built around a variable speed drive (ECOTORQUE)

## Robust

Proven technology, durable two-stage construction, corrosion-free stainless steel impeller, direct flange-mounted motor, no base frame required, integrated flow channel

## Reliable

Extremely high vapor and particle tolerance, optimized gas flow


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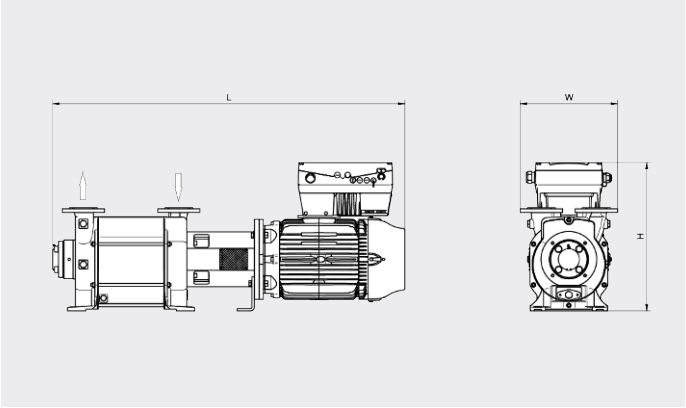
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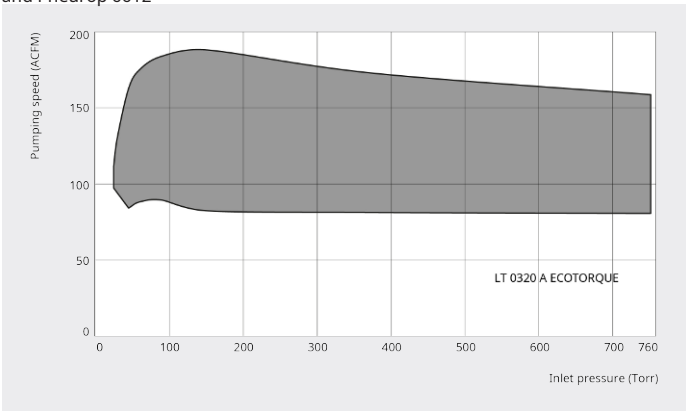
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Dimensional drawing



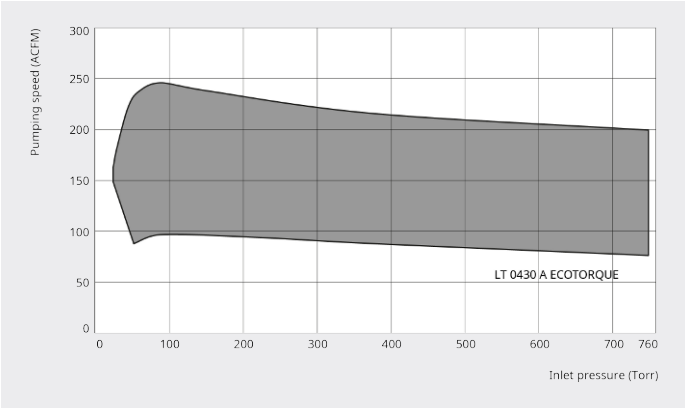

Pumping speed

Dry air at 70 °F. Operating fluid water 60°F. Tolerance: - 10%, in accordance with HEI and Pneurop 6612



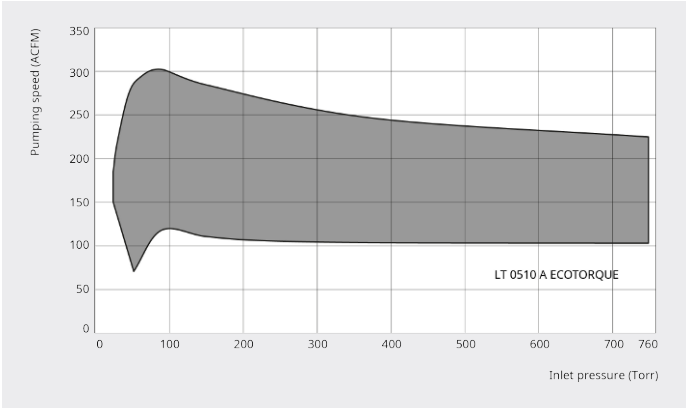

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| | DOLPHIN LT 0320 A ECOTORQUE | DOLPHIN LT 0430 A ECOTORQUE | DOLPHIN LT 0510 A ECOTORQUE |
|---|---|---|---|
| **Nominal motor rating** | 90 – 188 ACFM (34-60 Hz) | 97 – 246 ACFM (34-60 Hz) | 118 – 303 ACFM (34-60 Hz) |
| **Ultimate pressure** | 45 – 25 Torr (34-60 Hz) | 52 – 25 Torr (34-60 Hz) | 52 – 25 Torr (34-60 Hz) |
| **Nominal motor rating** | 10 – 15 hp | 15 – 20 hp | 15 – 20 hp |
| **Power consumption at ultimate pressure** | 6.2 – 10.9 hp (34-60 Hz) | 6.2 – 11.3 hp (34-60 Hz) | 6.4 – 15.5 hp (34-60 Hz) |
| **Nominal pumping speed** | 1000 – 1800 rpm (34-60 Hz) | 1000 – 1800 rpm (34-60 Hz) | 1000 – 1800 rpm (34-60 Hz) |
| **Sound pressure level (ISO 2151)** | 72-73 dB(A) | 72-73 dB(A) | 72-73 dB(A) |
| **Weight approx.** | 697 Lbs. | 785 Lbs. | 857 Lbs. |
| **Dimensions (L x W x H)** | 54 x 16 x 24 inches | 56 x 16 x 25 inches | 59 x 16 x 25 inches |
| **Gas inlet** | DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K | DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K | DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K |
| **Gas outlet** | DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K | DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K | DN 50 PN 10 / ANSI 2" / 150 lbs / JIS 50 10K |

Technical data / Specifications may vary depending on configuration, selected accessories, installation, and operating conditions.

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
**info@buschusa.com** or **+1 757 463 7800**

CONTACT FORM

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