

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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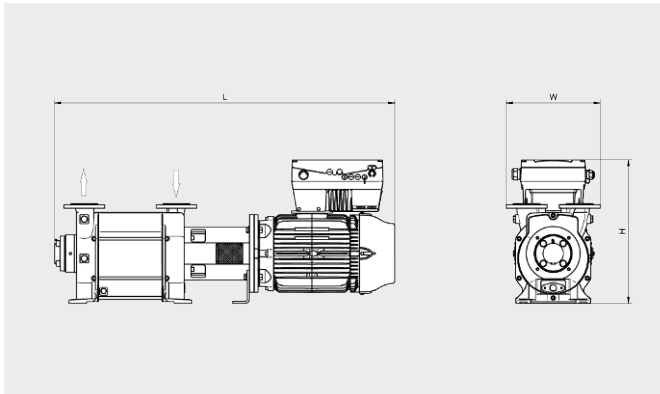
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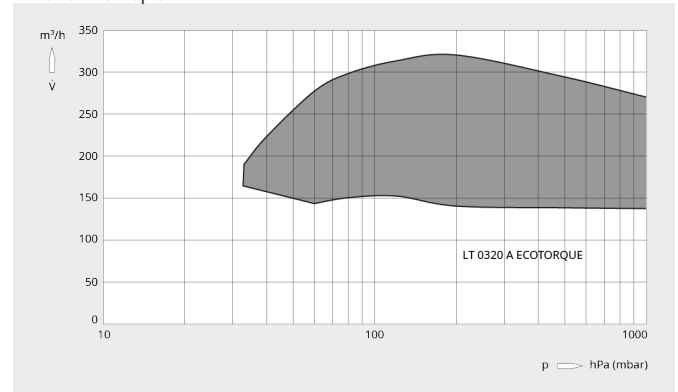
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Dimensional drawing



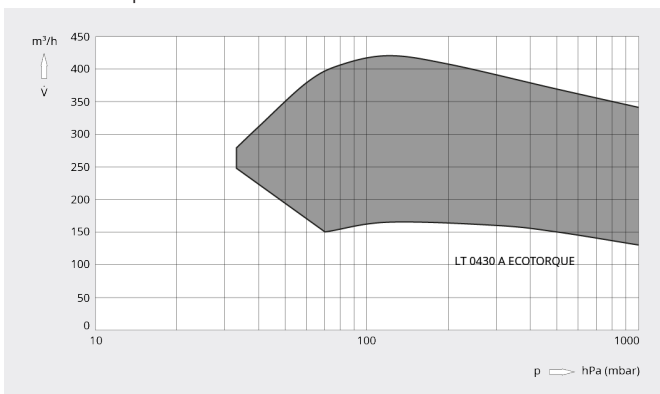
Pumping speed

Dry air at 20 °C. Operating fluid water 15°C. Tolerance: - 10%, in accordance with HEI and Pneurop 6612



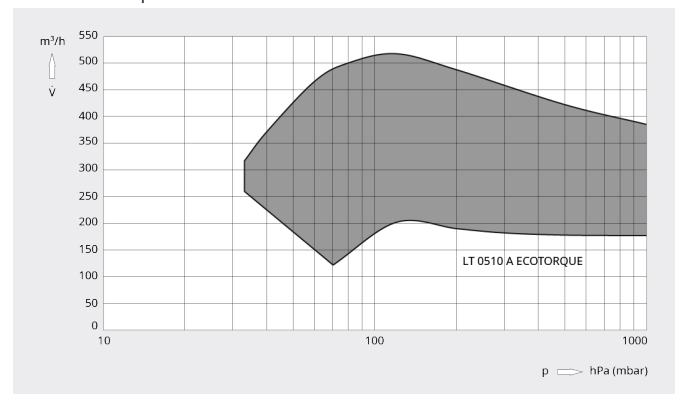
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	DOLPHIN LT 0320 A ECOTORQUE	DOLPHIN LT 0430 A ECOTORQUE	DOLPHIN LT 0510 A ECOTORQUE
Nominal pumping speed	152 – 320 m³/h (34 – 60 Hz)	165 – 419 m³/h (34 – 60 Hz)	200 – 515 m³/h (34 – 60 Hz)
Ultimate pressure	60 – 33 hPa (mbar) (34 – 60 Hz)	70 – 33 hPa (mbar) (34 – 60 Hz)	70 – 33 hPa (mbar) (34 – 60 Hz)
Nominal motor rating	7.5 / 11 kW (50 / 60 Hz)	11 / 15 kW (50 / 60 Hz)	11 / 15 kW (50 / 60 Hz)
Power consumption at ultimate pressure	4.6 – 8.1 kW (34 – 60 Hz)	4.6 – 8.4 kW (34 – 60 Hz)	4.8 – 11.5 kW (34 – 60 Hz)

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	DOLPHIN LT 0320 A ECOTORQUE	DOLPHIN LT 0430 A ECOTORQUE	DOLPHIN LT 0510 A ECOTORQUE
Nominal motor speed	1000 – 1750 min ⁻¹ (34 – 60 Hz)	1000 – 1750 min ⁻¹ (34 – 60 Hz)	1000 – 1750 min ⁻¹ (34 – 60 Hz)
Sound pressure level (ISO 2151)	72 / 73 dB(A) (50 / 60 Hz)	72 / 73 dB(A) (50 / 60 Hz)	72 / 73 dB(A) (50 / 60 Hz)
Weight approx.	316 kg	356 kg	389 kg
Dimensions (L x W x H)	1364 x 396 x 617 mm	1426 x 396 x 626 mm	1492 x 396 x 626 mm
Gas inlet / outlet	DN 50 PN 10 / DN 50 PN 10	DN 50 PN 10 / DN 50 PN 10	DN 50 PN 10 / DN 50 PN 10

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!



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