

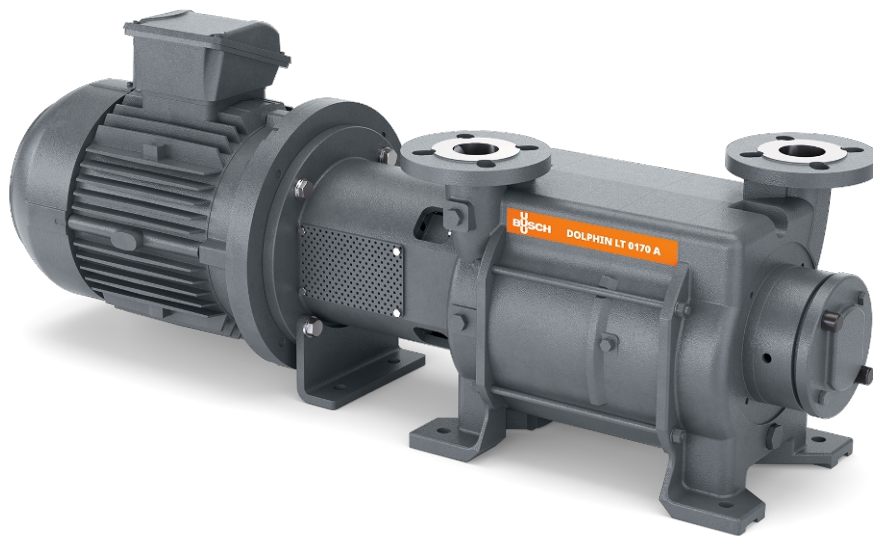
DOLPHIN LT 0170/0220 A ECOTORQUE

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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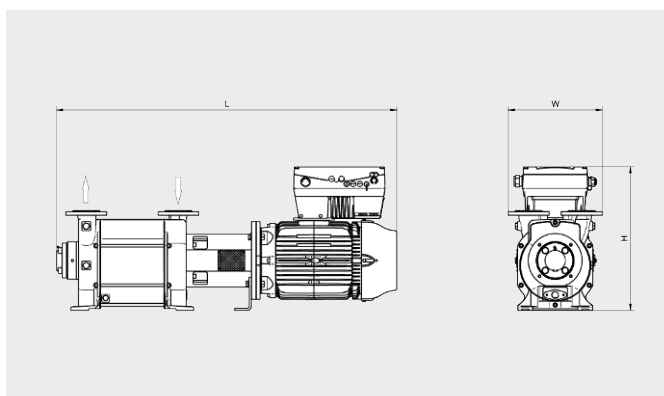
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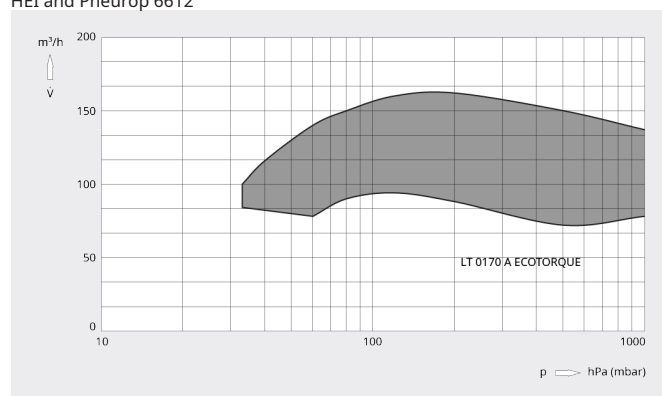
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Dimensional drawing



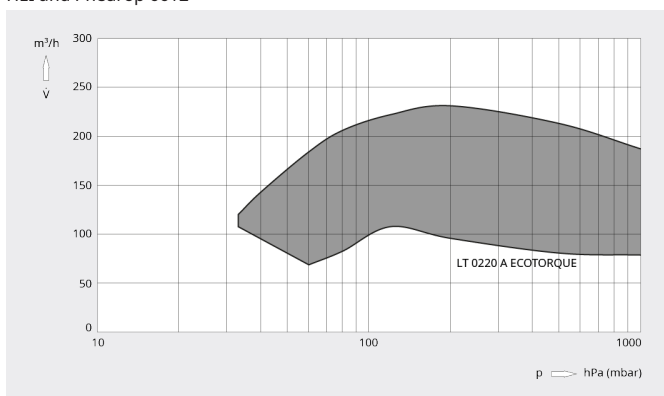
Pumping speed

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 0170 A ECOTORQUE	DOLPHIN LT 0220 A ECOTORQUE
Nominal pumping speed	95 – 165 m³/h (34 – 60 Hz)	107 – 232 m³/h (34 – 60 Hz)
Ultimate pressure	60 – 33 hPa (mbar) (34 – 60 Hz)	60 – 33 hPa (mbar) (34 – 60 Hz)
Nominal motor rating	4.0 / 5.5 kW (50 / 60 Hz)	5.5 / 7.5 kW (50 / 60 Hz)
Power consumption at ultimate pressure	1.8 – 3.9 kW (34 – 60 Hz)	3.2 – 5.4 kW (34 – 60 Hz)

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	DOLPHIN LT 0170 A ECOTORQUE	DOLPHIN LT 0220 A ECOTORQUE
Nominal motor speed	1000 – 1750 / min ⁻¹ (34 – 60 Hz)	1000 – 1750 / min ⁻¹ (34 – 60 Hz)
Sound pressure level (ISO 2151)	70 / 71 dB(A) (50 / 60 Hz)	70 / 71 dB(A) (50 / 60 Hz)
Weight approx.	177 kg	197 kg
Dimensions (L x W x H)	1070 x 330 x 480 mm	1143 x 330 x 480 mm
Gas inlet / outlet	DN 40 PN 10 / DN 40 PN 10	DN 40 PN 10 / DN 40 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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