DOLPHIN LM 0180/0270 A ECOTORQUE

Liquid Ring Vacuum Pumps

VACUUM SOLUTIONS

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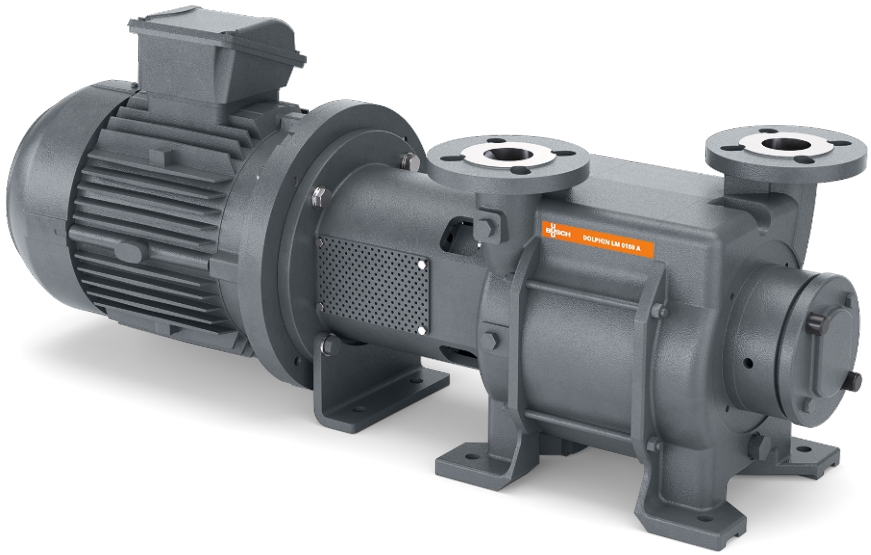

Demand-driven

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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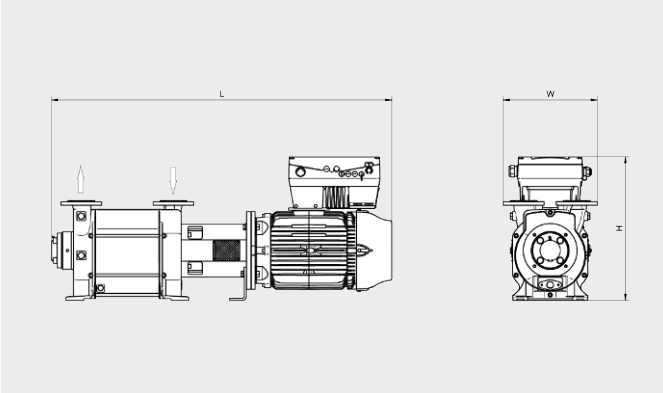
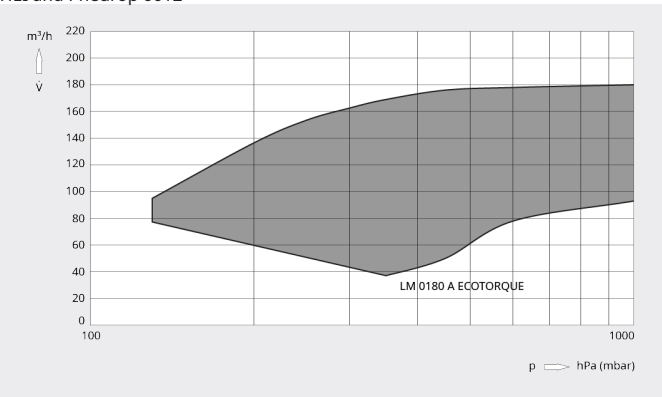
Dimensional drawing



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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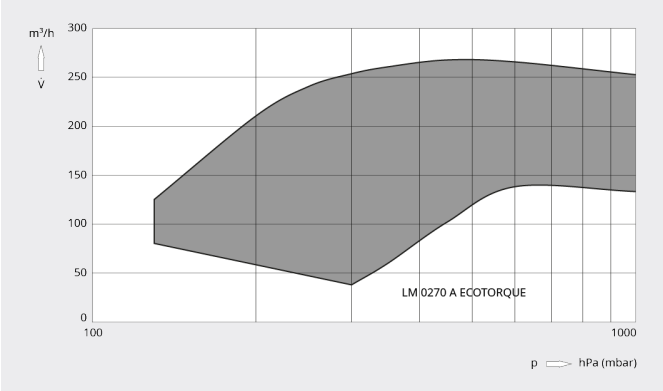

	DOLPHIN LM 0180 A ECOTORQUE	DOLPHIN LM 0270 A ECOTORQUE
Nominal pumping speed	93 – 180 m³/h (34 – 60 Hz)	138 – 267 m³/h (34 – 60 Hz)
Ultimate pressure	350 – 130 hPa (mbar) (34 – 60 Hz)	300 – 130 hPa (mbar) (34 – 60 Hz)
Nominal motor rating	4 / 5.5 kW (50 / 60 Hz)	5.5 / 7.5 kW (50 / 60 Hz)
Power consumption at ultimate pressure	2.1 – 4.3 kW (34 – 60 Hz)	3.1 – 5.8 kW (34 – 60 Hz)

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	DOLPHIN LM 0180 A ECOTORQUE	DOLPHIN LM 0270 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.	150 kg	165 kg
Dimensions (L x W x H)	990 x 330 x 480 mm	1048 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!

CONTACT FORM

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