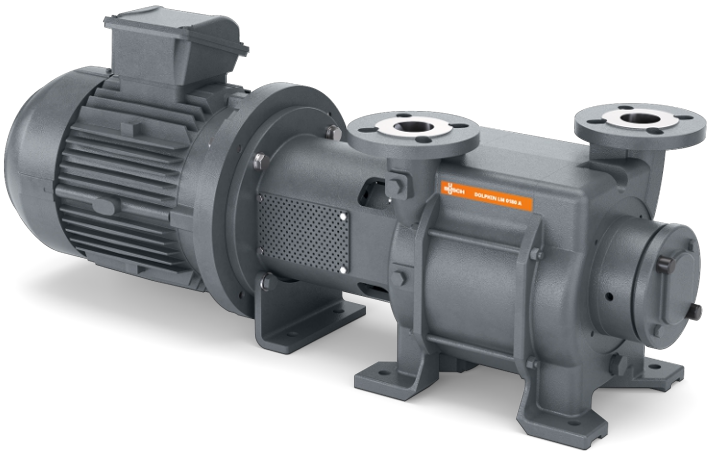
DOLPHIN LM 0180/0270 A ECOTORQUE

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

© Busch Vacuum Solutions

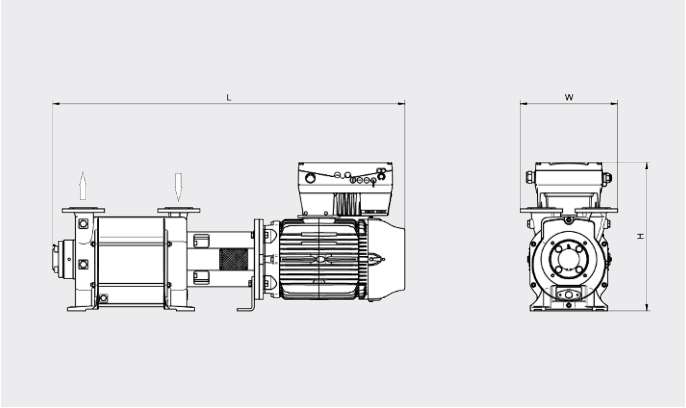
DOLPHIN LM 0180/0270 A ECOTORQUE

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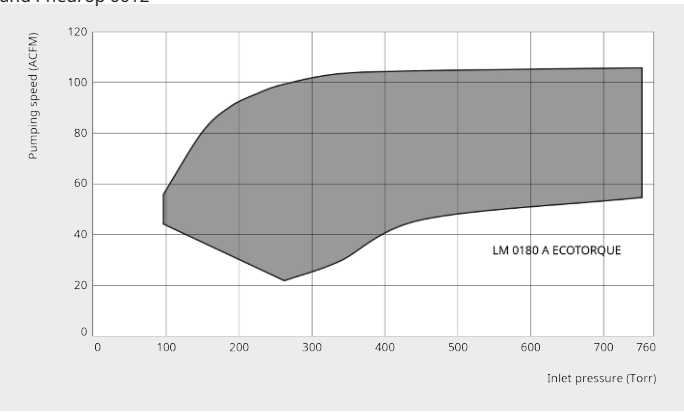
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Dimensional drawing



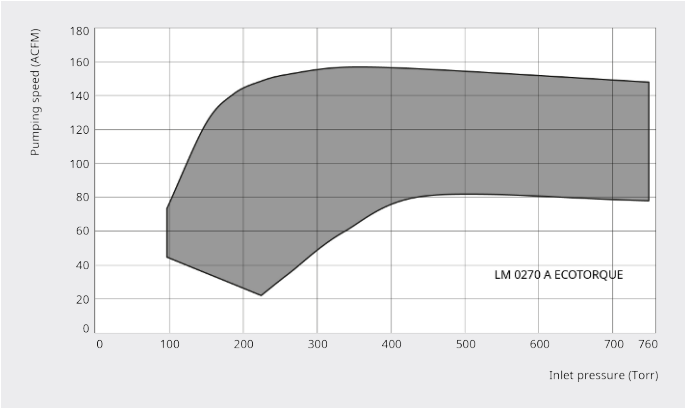
Pumping speed

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



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Dry air at 70 °F. Operating fluid water 60°F. 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	55 – 106 ACFM (34-60 Hz)	81 – 157 ACFM (34-60 Hz)
Ultimate pressure	263 – 98 Torr (34-60 Hz)	225 – 98 Torr (34-60 Hz)
Nominal motor rating	5.4 – 7.5 hp	7.5 – 10 hp
Power consumption at ultimate pressure	2.8 – 5.8 hp (34-60 Hz)	4.2 – 7.7 hp (34-60 Hz)
Nominal motor speed	1000 – 1800 rpm (34-60 Hz)	1000 – 1800 rpm (34-60 Hz)
Sound pressure level (ISO 2151)	70-71 dB(A)	70-71 dB(A)
Weight approx.	331 Lbs.	364 Lbs.
Dimensions (L x W x H)	39 x 13 x 19 inches	42 x 13 x 19 inches
Gas inlet	DN 40 PN 10 / ANSI 1½" / 150 lbs / JIS 40 10K	DN 40 PN 10 / ANSI 1½" / 150 lbs / JIS 40 10K
Gas outlet	DN 40 PN 10 / ANSI 1½" / 150 lbs / JIS 40 10K	DN 40 PN 10 / ANSI 1½" / 150 lbs / JIS 40 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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