DOLPHIN LM 0530/0800 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

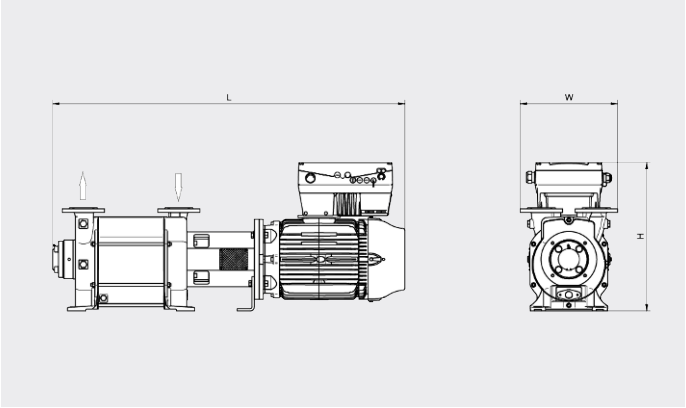
DOLPHIN LM 0530/0800 A ECOTORQUE

Liquid Ring Vacuum Pumps

VACUUM SOLUTIONS

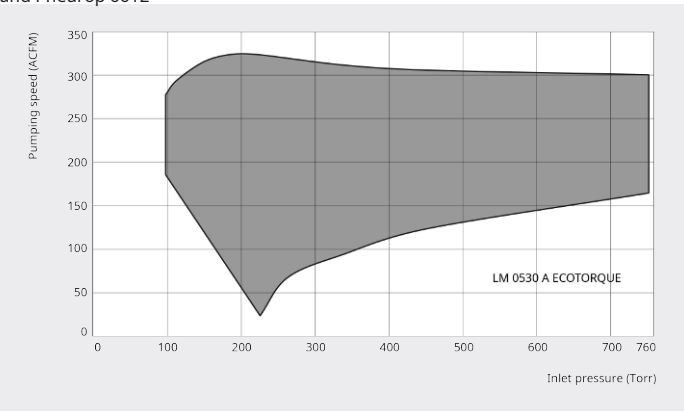
Part of the BUSCH GROUP

Dimensional drawing



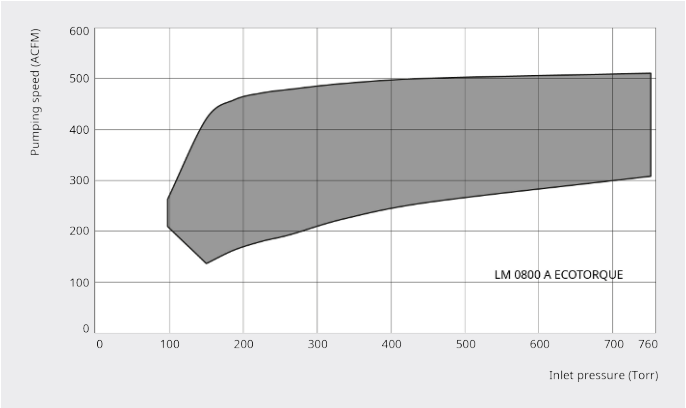
Pumping speed

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



Pumping speed

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



© Busch Vacuum Solutions

DOLPHIN LM 0530/0800 A ECOTORQUE

Liquid Ring Vacuum Pumps

VACUUM SOLUTIONS

Part of the BUSCH GROUP

	DOLPHIN LM 0530 A ECOTORQUE	DOLPHIN LM 0800 A ECOTORQUE
Nominal motor speed	165 – 324 ACFM (34-60 Hz)	138 – 510 ACFM (34-60 Hz)
Ultimate pressure	225 – 98 Torr (34-60 Hz)	150 – 98 Torr (34-60 Hz)
Nominal motor rating	15 – 20 hp	25 – 30 hp
Power consumption at ultimate pressure	6.4 – 13.7 hp (34-60 Hz)	12.1 – 26.8 hp (34-60 Hz)
Nominal motor speed	1000 – 1800 rpm (34-60 Hz)	1000 – 1800 rpm (34-60 Hz)
Sound pressure level (ISO 2151)	72-73 dB(A)	75-76 dB(A)
Weight approx.	809 Lbs.	930 Lbs.
Dimensions (L x W x H)	59 x 15 x 25 inches	60 x 17 x 25 inches
Gas inlet	DN 65 PN 10 / ANSI 2 1⁄2" 150 lbs / JIS 65 10K	DN 65 PN 10 / ANSI 2 1⁄2" 150 lbs / JIS 65 10K
Gas outlet	DN 65 PN 10 / ANSI 2 1⁄2" 150 lbs / JIS 65 10K	DN 65 PN 10 / ANSI 2 1⁄2" 150 lbs / JIS 65 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

CALL NOW

© Busch Vacuum Solutions