

DOLPHIN LX 0260-0430 C

Liquid ring vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Robust

Proven technology, reliable operation, extremely high particle and vapor tolerance, corrosion-free stainless steel impeller

Compact

Directly flanged motor, no base frame required

Flexible

Choice of cast iron (EN-GJL-200) or 316 grade stainless steel material housings, ATEX-certified version available (Cat. 2 (i) IIB, T4), operating fluids other than water possible

Accessories, spare parts and options

- Partial or total recirculation systems
- Liquid separator
- Cavitation protection
- Heat exchanger
- Gas ejector
- Wide selection of motors
- Non-return valves
- Vacuum relief valves
- Different operating fluids possible

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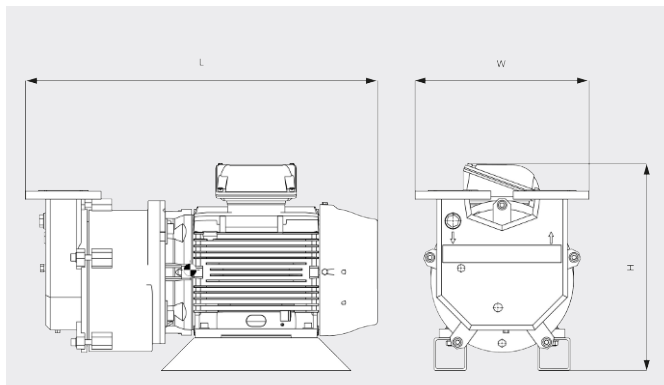
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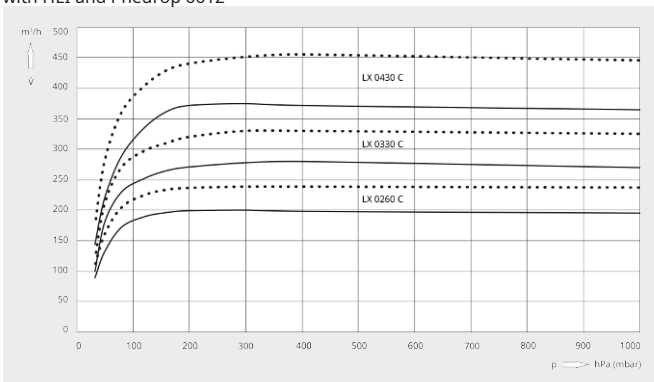
Dimensional drawing



Pumping speed

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

— 50 Hz 60 Hz



	DOLPHIN LX 0260 C	DOLPHIN LX 0330 C	DOLPHIN LX 0430 C
Nominal pumping speed	200 / 239 m³/h (50 / 60 Hz)	280 / 330 m³/h (50 / 60 Hz)	375 / 455 m³/h (50 / 60 Hz)
Ultimate pressure	33 hPa (mbar) (50 / 60 Hz)	33 hPa (mbar) (50 / 60 Hz)	33 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	5.5 / 7.5 kW (50 / 60 Hz)	7.5 / 11.0 kW (50 / 60 Hz)	11.0 / 15.0 kW (50 / 60 Hz)
Nominal motor speed	1450 / 1750 min ⁻¹ (50 / 60 Hz)	1450 / 1750 min ⁻¹ (50 / 60 Hz)	1450 / 1750 min ⁻¹ (50 / 60 Hz)
Sound pressure level (ISO 3744), 1 m distance, at medium load	72 dB(A) (50 / 60 Hz)	72 dB(A) (50 / 60 Hz)	72 dB(A) (50 / 60 Hz)
Weight approx.	135 / 145 kg (50 / 60 Hz)	147 / 198 kg (50 / 60 Hz)	227 / 247 kg (50 / 60 Hz)
Dimensions (L x W x H)	635 x 365 x 402 mm	706 x 365 x 402 mm	818 x 425 x 506 mm
Gas inlet / outlet	DN 50 PN16 / DN 50 PN16	DN 50 PN16 / DN 50 PN16	DN 65 PN16 / DN 65 PN16

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