

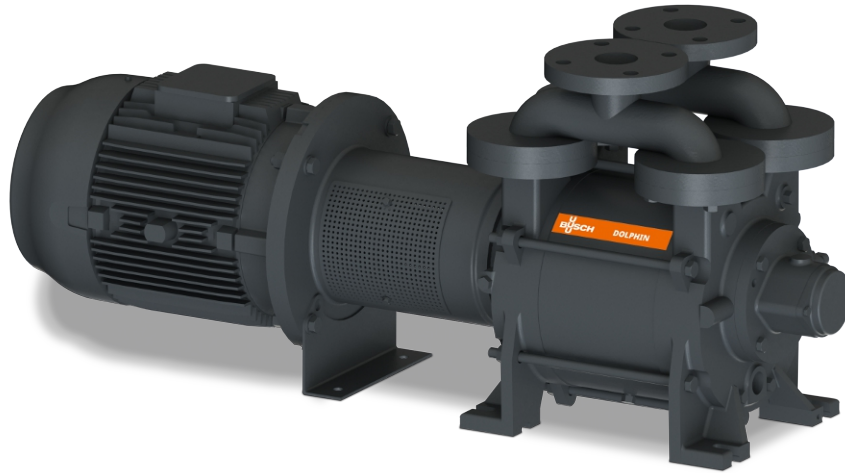
DOLPHIN LA 0224-0475 A

Liquid ring vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Robust

Proven technology, durable single-stage construction

Reliable

Extremely high vapor and particle tolerance

Flexible

Wide range of construction materials, including cast iron (EN-GJL-200), many grades of stainless steel and even titanium, ATEX-certified version available (Cat 1(i)/2(o) IIC T5), different operating fluids possible, operation as compressor 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

DOLPHIN LA 0224-0475 A

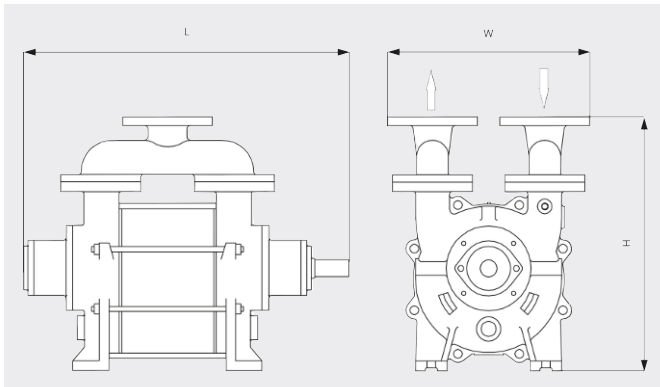
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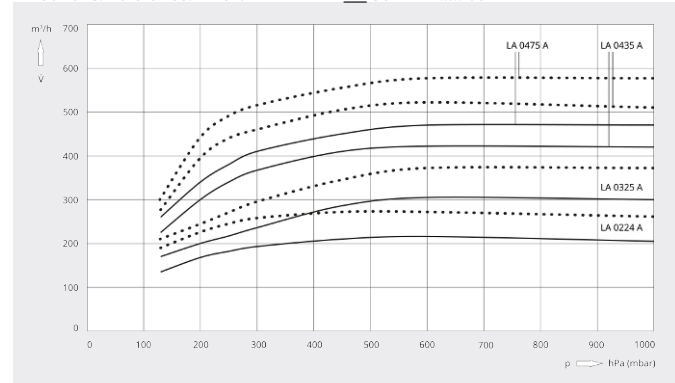
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	DOLPHIN LA 0224 A	DOLPHIN LA 0325 A	DOLPHIN LA 0435 A	DOLPHIN LA 0475 A
Nominal pumping speed	220 / 270 m³/h (50 / 60 Hz)	320 / 350 m³/h (50 / 60 Hz)	430 / 500 m³/h (50 / 60 Hz)	470 / 570 m³/h (50 / 60 Hz)
Ultimate pressure	130 hPa (mbar) (50 / 60 Hz)	150 hPa (mbar) (50 / 60 Hz)	150 hPa (mbar) (50 / 60 Hz)	130 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	5.5 / 7.5 kW (50 / 60 Hz)	11 / 15 kW (50 / 60 Hz)	11 / 15 kW (50 / 60 Hz)	18.5 / 22 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)	1450 / 1750 min ⁻¹ (50 / 60 Hz)
Sound pressure level (ISO 3744), 1 m distance, at medium load	72 dB(A) (50 / 60 Hz)	75 dB(A) (50 / 60 Hz)	75 dB(A) (50 / 60 Hz)	74 dB(A) (50 / 60 Hz)
Weight approx.	94 kg	159 kg	159 kg	210 kg
Dimensions (L x W x H)	(547 – 713) x 270 x 450 mm	(626 – 817) x 300 x 387 mm	(667 – 857) x 300 x 520 mm	(797 – 787) x 300 x 520 mm
Gas inlet / outlet	DN 50 PN 10 / DN 50 PN 10	DN 50 PN 10 / DN 50 PN 10	DN 65 PN 10 / DN 65 PN 10	DN 65 PN 10 / DN 65 PN 10

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