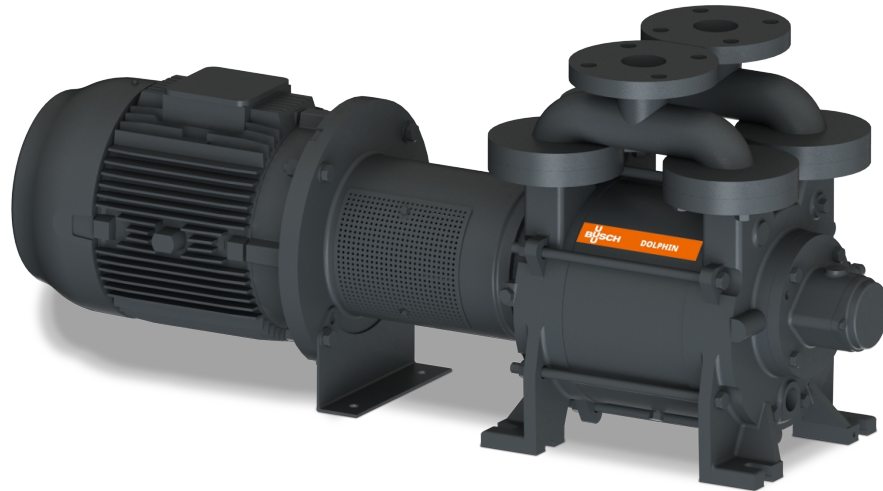


DOLPHIN LA 0224-0475 A

Liquid ring vacuum pumps



VACUUM SOLUTIONS



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

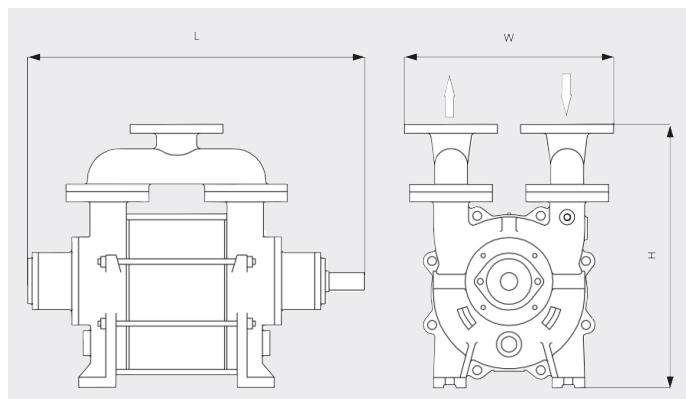
DOLPHIN LA 0224-0475 A

Liquid ring vacuum pumps



VACUUM SOLUTIONS

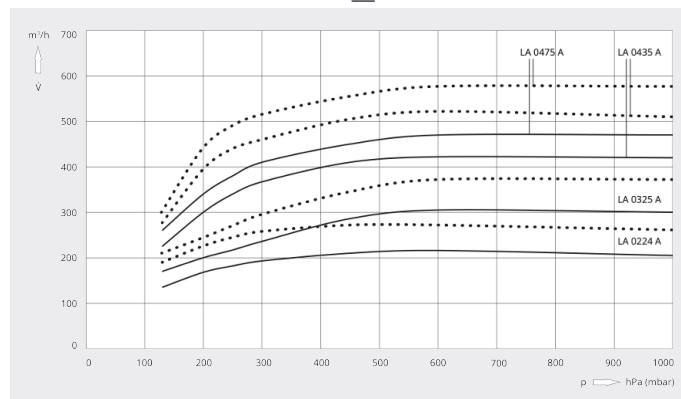
Dimensional drawing



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 m³/h (50 / 60 Hz)	320 m³/h (50 / 60 Hz)	430 m³/h (50 / 60 Hz)	470 m³/h (50 / 60 Hz)
Ultimate pressure	130 hPa (mbar)	150 hPa (mbar)	150 hPa (mbar)	130 hPa (mbar)
Nominal motor rating	5.5 kW	11 kW	11 kW	18.5 kW
Nominal motor speed	1450 min ⁻¹	1450 min ⁻¹	1450 min ⁻¹	1450 min ⁻¹
Noise level (ISO 2151)	72 dB(A)	75 dB(A)	75 dB(A)	74 dB(A)
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 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

DOLPHIN LA 0224-0475 A

Liquid ring vacuum pumps



	DOLPHIN LA 0224 A	DOLPHIN LA 0325 A	DOLPHIN LA 0435 A	DOLPHIN LA 0475 A
Nominal pumping speed	160.0 ACFM	219.0 ACFM	307.0 ACFM	335.0 ACFM
Ultimate pressure	100 TORR	115 TORR	100 TORR	100 TORR
Nominal motor rating	10.0 HP	20.0 HP	25.0 HP	30.0 HP
Nominal motor speed	1750 RPM	1750 RPM	1750 RPM	1750 RPM
Noise level (ISO 2151)	72 dB(A)	75 dB(A)	75 dB(A)	74 dB(A)
Weight approx.	194 Lbs.	331 Lbs.	408 Lbs.	463 Lbs.
Dimensions (L x W x H)	21.6 x 10.6 x 17.7 inches	24.6 x 11.8 x 15.3 inches	26.3 x 11.8 x 20.5 inches	31.4 x 11.8 x 20.5 inches
Gas inlet / outlet	2" / 2"	2" / 2"	2½" / 2½"	2½" / 2½"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
info@busch.ca or +1 800 363 6360



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