

DOLPHIN LB 3809/4409 A

Liquid ring vacuum pumps



Robust

Proven technology, durable two-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), operating fluids other than water possible, operation as compressor possible

Accessories, spare parts and options

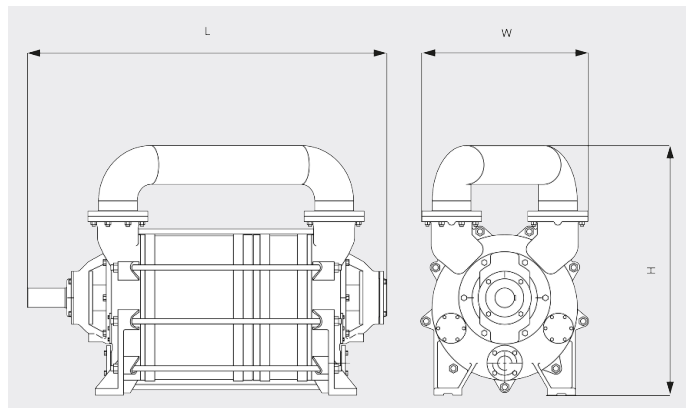
- Partial or total recirculation systems
- Liquid separator
- Cavitation protection
- Heat exchanger
- Gas ejector
- Wide selection of motors
- Non-return valves
- Vacuum relief valves

DOLPHIN LB 3809/4409 A

Liquid ring vacuum pumps

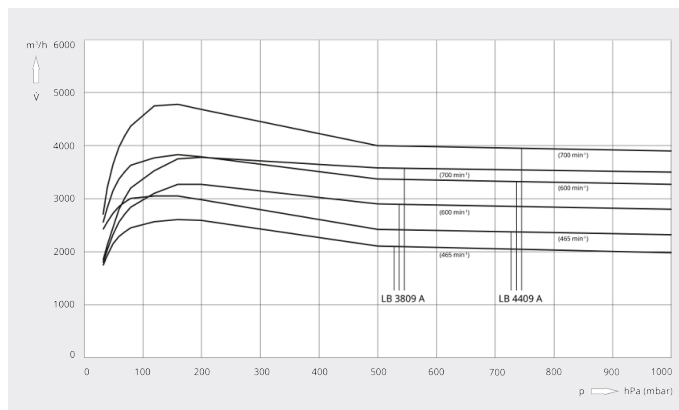


Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$



	DOLPHIN LB 3809 A	DOLPHIN LB 4409 A
Nominal pumping speed	2500 – 3800 – 2500 – 3800 m³/h (50 / 60 Hz)	2600 – 4400 – 2600 – 4400 m³/h (50 / 60 Hz)
Ultimate pressure	33 hPa (mbar)	33 hPa (mbar)
Nominal motor rating	90 – 150 – 90 – 150 kW	90 – 185 – 90 – 185 kW
Nominal motor speed	465 – 700 – 465 – 700 min ⁻¹ (50 / 60 Hz)	465 – 700 – 465 – 700 min ⁻¹ (50 / 60 Hz)
Noise level (ISO 2151)	85 dB(A)	85 dB(A)
Weight approx.	2200 kg	2340 kg
Dimensions (L x W x H)	2025 x 950 x 1410 mm	2150 x 950 x 1410 mm
Gas inlet / outlet	DN 200 PN 10 / DN 200 PN 10	DN 200 PN 10 / DN 200 PN 10

DOLPHIN LB 3809/4409 A

Liquid ring vacuum pumps



VACUUM SOLUTIONS

	DOLPHIN LB 3809 A	DOLPHIN LB 4409 A
Nominal pumping speed	2225.0 ACFM	2813.0 ACFM
Ultimate pressure	25 TORR	25 TORR
Nominal motor rating	200.0 HP	250.0 HP
Nominal motor speed	700 RPM	700 RPM
Noise level (ISO 2151)	85 dB(A)	85 dB(A)
Weight approx.	4630 Lbs.	4850 Lbs.
Dimensions (L x W x H)	79.8 x 37.4 x 55.5 inches	94.6 x 37.4 x 55.5 inches
Gas inlet / outlet	8" / 8"	8" / 8"

DO YOU WANT TO KNOW MORE?

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



CONTACT FORM



CALL NOW