

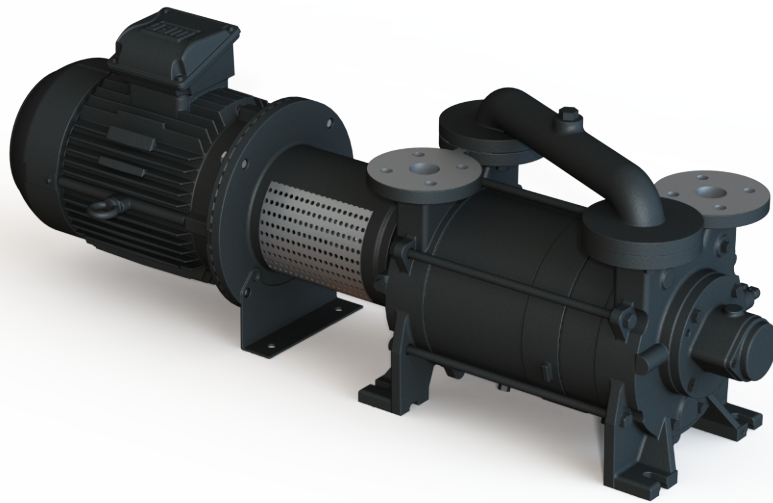
DOLPHIN LB 0063-0184 A

Liquid ring vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



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 0063-0184 A

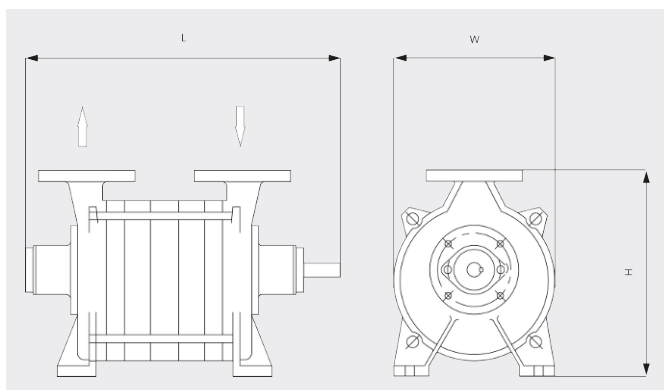
Liquid ring vacuum pumps



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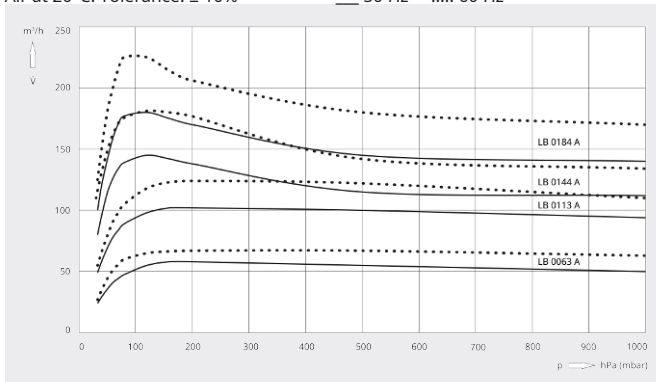
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	DOLPHIN LB 0063 A	DOLPHIN LB 0113 A	DOLPHIN LB 0144 A	DOLPHIN LB 0184 A
Nominal pumping speed	60 / 65 m³/h (50 / 60 Hz)	110 / 120 m³/h (50 / 60 Hz)	140 / 180 m³/h (50 / 60 Hz)	180 / 225 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)	33 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	3 / 4 kW (50 / 60 Hz)	4 kW (50 / 60 Hz)	4 / 5.5 kW (50 / 60 Hz)	5.5 / 7.5 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)	72 dB(A) (50 / 60 Hz)	72 dB(A) (50 / 60 Hz)	72dB(A) (50 / 60 Hz)
Weight approx.	77 kg	78 kg	103 kg	119 kg
Dimensions (L x W x H)	489 – 664 x 250 x 320 mm	529 – 704 x 250 x 320 mm	596 – 762 x 270 x 405 mm	656 – 822 x 270 x 405 mm
Gas inlet / outlet	DN 40 PN 10 / DN 40 PN 10	DN 40 PN 10 / DN 40 PN 10	DN 40 PN 10 / DN 40 PN 10	DN 40 PN 10 / DN 40 PN 10

DO YOU WANT TO KNOW MORE?

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