

DOLPHIN LA 0053-0143 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

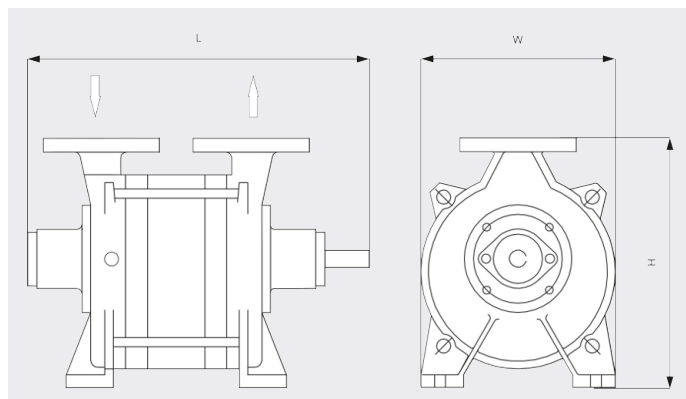
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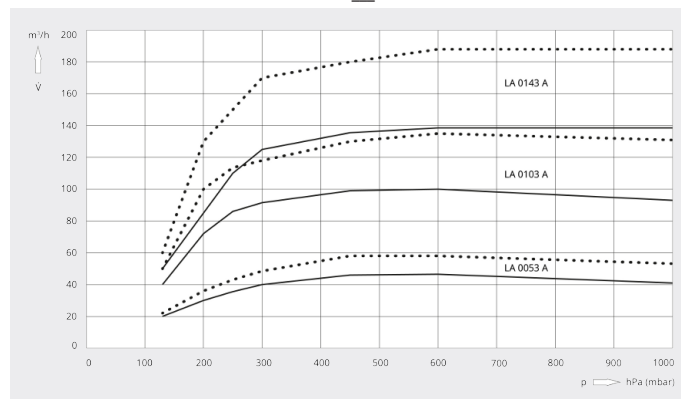
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	DOLPHIN LA 0053 A	DOLPHIN LA 0103 A	DOLPHIN LA 0143 A
Nominal pumping speed	50 m³/h (50 / 60 Hz)	100 m³/h (50 / 60 Hz)	140 m³/h (50 / 60 Hz)
Ultimate pressure	130 hPa (mbar)	130 hPa (mbar)	130 hPa (mbar)
Nominal motor rating	1.5 kW	4 kW	4 kW
Nominal motor speed	1450 min ⁻¹	1450 min ⁻¹	1450 min ⁻¹
Noise level (ISO 2151)	72 dB(A)	72 dB(A)	72 dB(A)
Weight approx.	47 kg	52 kg	57 kg
Dimensions (L x W x H)	(399 – 574) x 250 x 320 mm	(439 – 614) x 250 x 320 mm	(479 – 654) x 250 x 320 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

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	DOLPHIN LA 0053 A	DOLPHIN LA 0103 A	DOLPHIN LA 0143 A
Nominal pumping speed	34.0 ACFM	79.0 ACFM	111.0 ACFM
Ultimate pressure	100 TORR	100 TORR	100 TORR
Nominal motor rating	3.0 HP	5.0 HP	7.5 HP
Nominal motor speed	1750 RPM	1750 RPM	1750 RPM
Noise level (ISO 2151)	72 dB(A)	72 dB(A)	72 dB(A)
Weight approx.	97 Lbs.	106 Lbs.	115 Lbs.
Dimensions (L x W x H)	15.7 x 9.8 x 12.6 inches	17.3 x 9.8 x 12.6 inches	18.9 x 9.8 x 12.6 inches
Gas inlet / outlet	1½" / 1½"	1½" / 1½"	1½" / 1½"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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