

# DOLPHIN LA 0053-0143 A

Liquid ring vacuum pumps



## 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

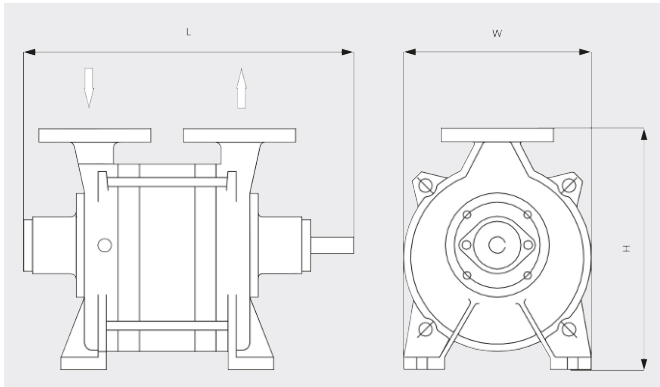
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VACUUM SOLUTIONS

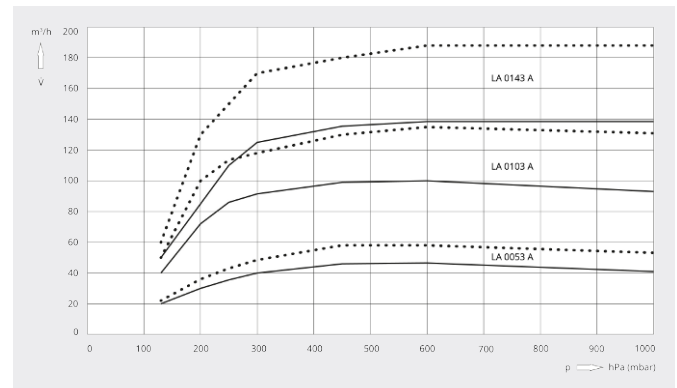
Dimensional drawing



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                          |
|-------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| <b>Nominal pumping speed</b>  | 50 / 60 m³/h (50 / 60 Hz)                  | 100 / 135 m³/h (50 / 60 Hz)                | 140 / 190 m³/h (50 / 60 Hz)                |
| <b>Ultimate pressure</b>      | 130 hPa (mbar) (50 / 60 Hz)                | 130 hPa (mbar) (50 / 60 Hz)                | 130 hPa (mbar) (50 / 60 Hz)                |
| <b>Nominal motor rating</b>   | 1.5 / 2.2 kW (50 / 60 Hz)                  | 4 kW (50 / 60 Hz)                          | 4 / 5.5 kW (50 / 60 Hz)                    |
| <b>Nominal motor speed</b>    | 1450 / 1750 min <sup>-1</sup> (50 / 60 Hz) | 1450 / 1750 min <sup>-1</sup> (50 / 60 Hz) | 1450 / 1750 min <sup>-1</sup> (50 / 60 Hz) |
| <b>Noise level (ISO 2151)</b> | 72 dB(A) (50 / 60 Hz)                      | 72 dB(A) (50 / 60 Hz)                      | 72 dB(A) (50 / 60 Hz)                      |
| <b>Weight approx.</b>         | 47 kg                                      | 52 kg                                      | 57 kg                                      |
| <b>Dimensions (L x W x H)</b> | ( 399 – 574 ) x 250 x 320 mm               | ( 439 – 614 ) x 250 x 320 mm               | ( 479 – 654 ) x 250 x 320 mm               |
| <b>Gas inlet / outlet</b>     | 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?

Get in touch with us directly!

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