

# DOLPHIN LM 0530/0800 A

Liquid ring vacuum pumps and compressors



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## Robust

Proven technology, durable single-stage construction, corrosion-free stainless steel impeller, direct flange-mounted motor, no base frame required, integrated flow channel

## Reliable

Extremely high vapor and particle tolerance, optimized gas flow

## Flexible

Choice of cast iron (EN-GJL-200) or 316 grade stainless steel material housings, ATEX-certified version available (Cat 1(i/o) IIC T4), operating fluids other than water possible

Accessories, spare parts and options

- Modular pumpsets, configured for once-through, partial or total recirculation of the operating fluid
- Liquid separator
- Cavitation protection
- Heat exchanger
- Gas ejector
- Wide selection of motors
- Non-return valves
- Vacuum relief valves
- Variable speed drive

# DOLPHIN LM 0530/0800 A

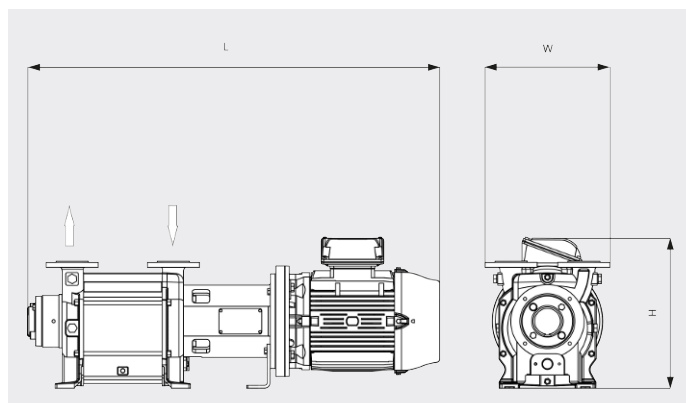
Liquid ring vacuum pumps and compressors



**VACUUM SOLUTIONS**

Part of the **BUSCH GROUP**

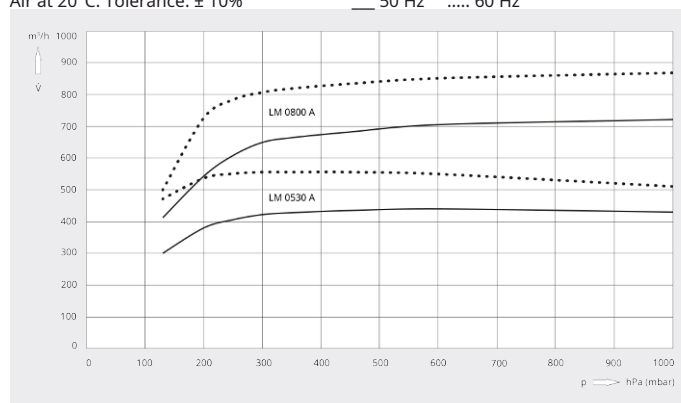
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                                               | DOLPHIN LM 0530 A              | DOLPHIN LM 0800 A              |
|---------------------------------------------------------------|--------------------------------|--------------------------------|
| Nominal pumping speed                                         | 405 / 551 m³/h (50 / 60 Hz)    | 722 / 867 m³/h (50 / 60 Hz)    |
| Ultimate pressure                                             | 130 hPa (mbar) (50 / 60 Hz)    | 130 hPa (mbar) (50 / 60 Hz)    |
| Max. overpressure                                             | 1.5 bar(g) (50 / 60 Hz)        | 1.5 bar(g) (50 / 60 Hz)        |
| Nominal motor rating                                          | 11.0 / 15.0 kW (50 / 60 Hz)    | 18.5 / 22.0 kW (50 / 60 Hz)    |
| Nominal motor speed                                           | 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 / 73 dB(A) (50 / 60 Hz)     | 75 / 76 dB(A) (50 / 60 Hz)     |
| Weight approx.                                                | 317 kg                         | 340 kg                         |
| Dimensions (L x W x H)                                        | 1297 x 396 x 478 mm            | 1457 x 425 x 506 mm            |
| Gas inlet / outlet                                            | DN 50 PN 10 / DN 50 PN 10      | DN 65 PN 10 / DN 65 PN 10      |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
[info@busch.ca](mailto:info@busch.ca) or +1 800 363 6360



CONTACT FORM



CALL NOW