

# DOLPHIN VL 0530-0800 A

## Partial Recirculation

Liquid ring vacuum pump units



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



### Robust

Proven technology, reliable operation, corrosion-free stainless steel impeller, extremely high vapor and particle tolerance, part of the operating fluid is recirculated, fresh liquid introduced in sufficient quantity to maintain proper temperature

### All-in-One

Unit with base frame, operating fluid separator, control system, including inlet check valve, fresh liquid supply kit, level indicator with switches, temperature and pressure indicators and cavitation protection

### Flexible

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

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Dimensional drawing



Dimensional drawing



|                        | DOLPHIN VL 0530 A Partial Recirculation                  | DOLPHIN VL 0800 A Partial Recirculation                  |
|------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Nominal pumping speed  | 405 / 551 m <sup>3</sup> /h (50 / 60 Hz)                 | 722 / 867 m <sup>3</sup> /h (50 / 60 Hz)                 |
| Ultimate pressure      | 130 hPa (mbar) (50 / 60 Hz)                              | 130 hPa (mbar) (50 / 60 Hz)                              |
| Nominal motor rating   | 11.0 / 15.0 (50 / 60 Hz)                                 | 18.5 / 22.0 (50 / 60 Hz)                                 |
| Weight approx.         | 450 / 526 kg (Safe / ATEX)                               | 529 / 621 kg (Safe / ATEX)                               |
| Dimensions (L x W x H) | 1521 x 870 x 947 /<br>1564 x 936 x 1066 mm (Safe / ATEX) | 1675 x 955 x 962 /<br>1671 x 955 x 1243 mm (Safe / ATEX) |
| Gas inlet / outlet     | G 2" / R 3"                                              | G 2½" / R 4"                                             |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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