

# DOLPHIN VL 0130-0320 A

## Partial Recirculation

Liquid ring vacuum pump units



VACUUM SOLUTIONS



### 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) IIC, T4), operating fluids other than water possible

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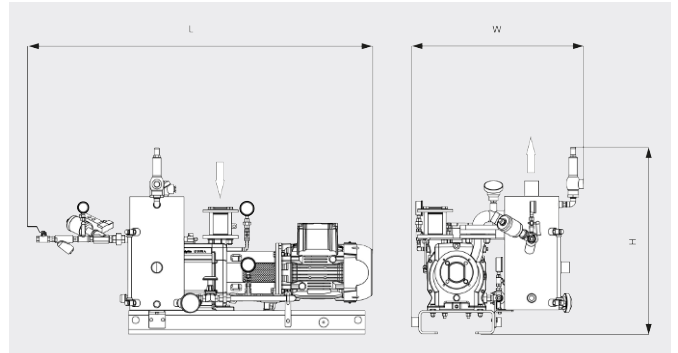


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Dimensional drawing



Dimensional drawing



|                               | DOLPHIN VL 0130 A Partial Recirculation              | DOLPHIN VL 0170 A Partial Recirculation              | DOLPHIN VL 0220 A Partial Recirculation              | DOLPHIN VL 0320 A Continuous Flow                     |
|-------------------------------|--|--|--|---|
| <b>Nominal pumping speed</b>  | 105 / 128 m <sup>3</sup> /h (50 / 60 Hz)             | 144 / 162 m <sup>3</sup> /h (50 / 60 Hz)             | 203 / 230 m <sup>3</sup> /h (50 / 60 Hz)             | 255 / 320 m <sup>3</sup> /h (50 / 60 Hz)              |
| <b>Ultimate pressure</b>      | 33 hPa (mbar) (50 / 60 Hz)                           | 33 hPa (mbar) (50 / 60 Hz)                           | 33 hPa (mbar) (50 / 60 Hz)                           | 33 hPa (mbar) (50 / 60 Hz)                            |
| <b>Nominal motor rating</b>   | 3.0 / 4.0 kW (50 / 60 Hz)                            | 4.0 / 5.5 kW (50 / 60 Hz)                            | 5.5 / 7.5 kW (50 / 60 Hz)                            | 7.5 / 11.0 kW (50 / 60 Hz)                            |
| <b>Weight approx.</b>         | 210 / 236 kg (Safe / ATEX)                           | 220 / 248 kg (Safe / ATEX)                           | 263 / 300 kg (Safe / ATEX)                           | 382 / 429 kg (Safe / ATEX)                            |
| <b>Dimensions (L x W x H)</b> | 1133 x 704 x 647 / 1133 x 724 x 788 mm (Safe / ATEX) | 1133 x 704 x 647 / 1166 x 724 x 788 mm (Safe / ATEX) | 1231 x 704 x 647 / 1303 x 724 x 788 mm (Safe / ATEX) | 1519 x 869 x 947 / 1520 x 931 x 1064 mm (Safe / ATEX) |
| <b>Gas inlet / outlet</b>     | G 1½" / R 2"   | G 1½" / R 2"   | G 1½" / R 2"   | G 2" / R 3"   |

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