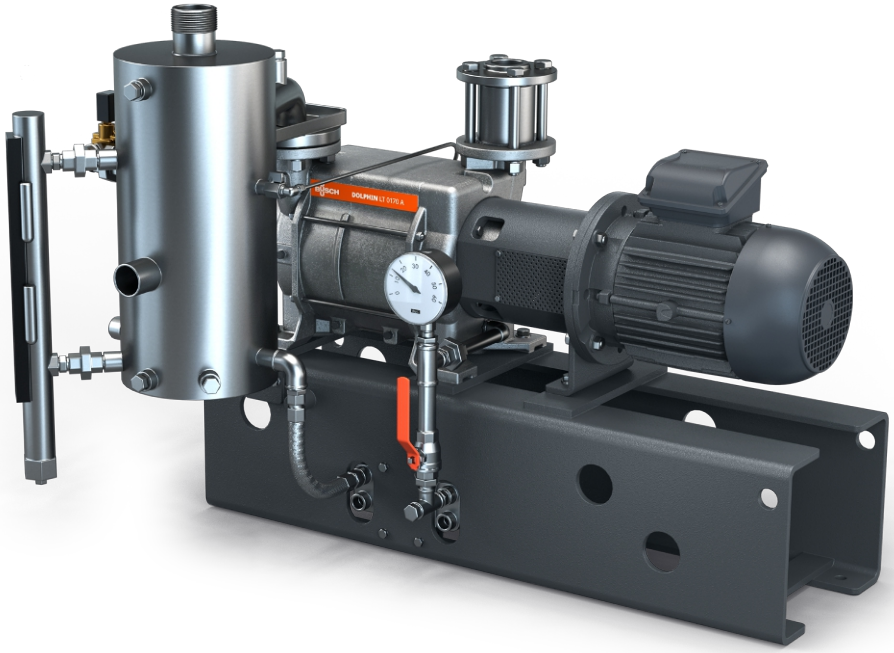
DOLPHIN VL 0130–0320 A
Total Recirculation

Liquid ring vacuum pump units

VACUUM SOLUTIONS

Part of the BUSCH GROUP



All-in-One

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

Efficient

Full recirculation of operating fluid, low operating fluid consumption, recovery of condensed vapors and process gases, isolation of cooling liquid from operating fluid, operating fluids other than water possible

Robust

Proven technology, reliable operation, corrosion-free stainless steel impeller, extremely high vapor and particle tolerance, choice of cast iron (EN-GJL-200) or 316 grade stainless steel material housings, ATEX-certified version available (Cat. 1 (i/o) IIB, T4)

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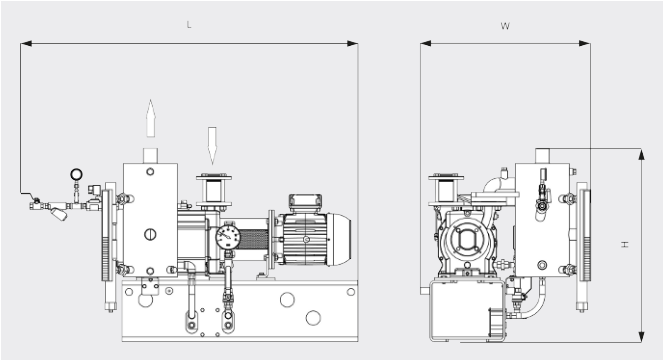
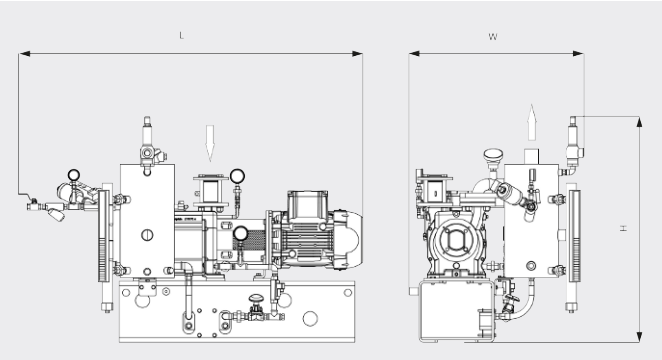
Dimensional drawing



Dimensional drawing



	DOLPHIN VL 0130 A Total Recirculation	DOLPHIN VL 0170 A Total Recirculation	DOLPHIN VL 0220 A Total Recirculation	DOLPHIN VL 0320 A Total Recirculation
Nominal pumping speed	105 / 128 m³/h (50 / 60 Hz)	144 / 162 m³/h (50 / 60 Hz)	203 / 230 m³/h (50 / 60 Hz)	255 / 320 m³/h (50 / 60 Hz)
Ultimate pressure	33 hPa (mbar) (50 / 60 Hz)	33 hPa (mbar) (50 / 60 Hz)	33 hPa (mbar) (50 / 60 Hz)	33 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	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)
Weight approx.	237 / 261 kg (Safe / ATEX)	247 / 277 kg (Safe / ATEX)	292 / 331 kg (Safe / ATEX)	409 / 456 kg (Safe / ATEX)
Dimensions (L x W x H)	1133 x 730 x 819 / 1133 x 737 x 960 mm (Safe / ATEX)	1133 x 730 x 819 / 1158 x 737 x 960 mm (Safe / ATEX)	1233 x 730 x 819 / 1303 x 737 x 960 mm (Safe / ATEX)	1390 x 893 x 1129 / 1412 x 946 x 1248 mm (Safe / ATEX)
Gas inlet / outlet	G 1½" / R 2"	G 1½" / R 2"	G 1½" / R 2"	G 2" / R 3"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
sales@busch.com.au or **1 800 639 087**

CONTACT FORM

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