

DOLPHIN VL 0130-0320 A

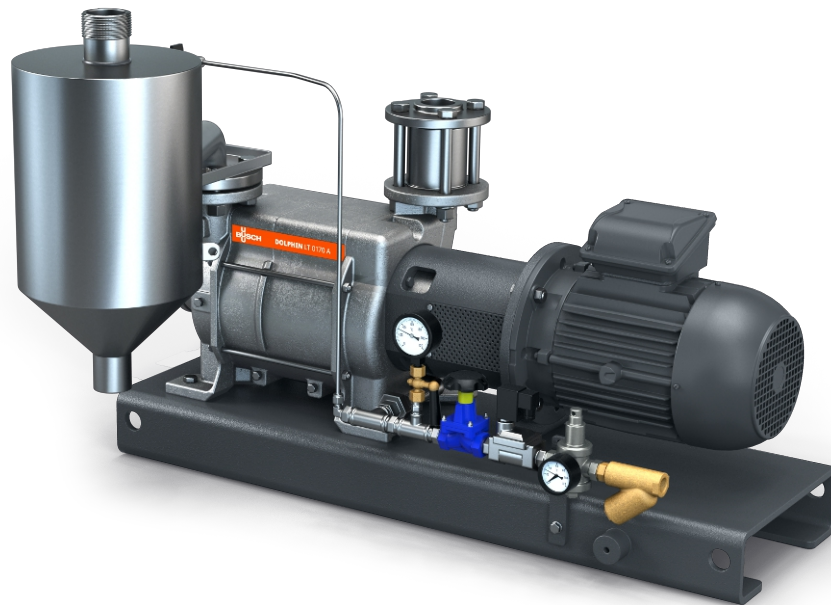
Continuous Flow

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, automatic solenoid valve for control of operating fluid flow from main supply

All-in-One

Unit with base frame, operating fluid separator, control system, including inlet check valve, fresh liquid supply kit, level indicator (ATEX only), temperature sensor (ATEX only) 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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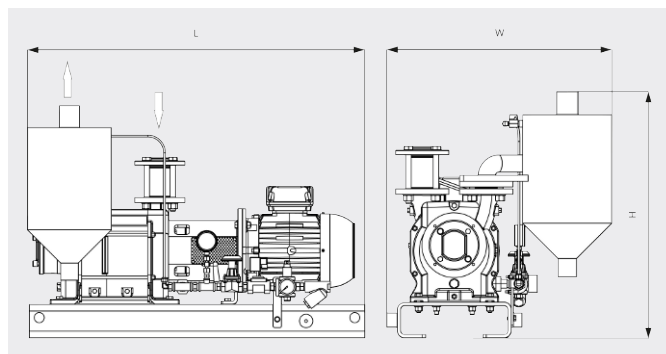
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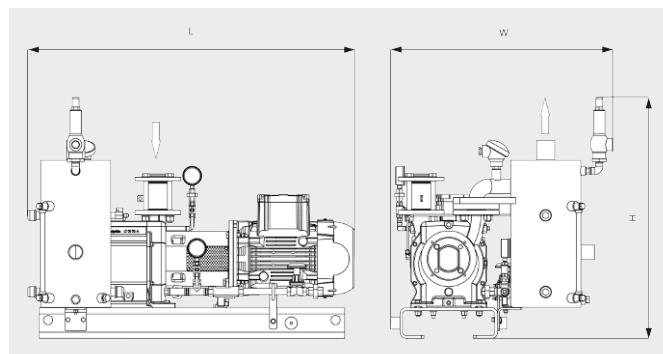
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Dimensional drawing



Dimensional drawing



	DOLPHIN VL 0130 A Continuous Flow	DOLPHIN VL 0170 A Continuous Flow	DOLPHIN VL 0220 A Continuous Flow	DOLPHIN VL 0320 A Continuous Flow
Nominal pumping speed	105 / 128 m ³ /h (50 / 60 Hz)	144 / 162 m ³ /h (50 / 60 Hz)	203 / 230 m ³ /h (50 / 60 Hz)	255 / 320 m ³ /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.	211 / 231 kg (Safe / ATEX)	221 / 296 kg (Safe / ATEX)	261 / 296 kg (Safe / ATEX)	362 / 422 kg (Safe / ATEX)
Dimensions (L x W x H)	1005 x 632 x 687 / 1037 x 724 x 788 mm (Safe / ATEX)	1005 x 632 x 687 / 1069 x 724 x 788 mm (Safe / ATEX)	1103 x 632 x 687 / 1207 x 724 x 788 mm (Safe / ATEX)	1383 x 815 x 854 / 1436 x 927 x 1067 mm (Safe / ATEX)
Gas inlet / outlet	G 1½" / R 2"	G 1½" / R 2"	G 1½" / R 2"	G 2" / R 3"

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