

DOLPHIN VL 0430-0750 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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Dimensional drawing



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	DOLPHIN VL 0430 A Continuous Flow	DOLPHIN VL 0510 A Continuous Flow	DOLPHIN VL 0630 A Continuous Flow	DOLPHIN VL 0750 A Continuous Flow
Nominal pumping speed	340 / 419 m ³ /h (50 / 60 Hz)	430 / 515 m ³ /h (50 / 60 Hz)	498 / 574 m ³ /h (50 / 60 Hz)	600 / 710 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	11.0 / 15.0 kW (50 / 60 Hz)	11.0 / 15.0 kW (50 / 60 Hz)	15.0 / 22.0 kW (50 / 60 Hz)	18.5 / 30.0 kW (50 / 60 Hz)
Weight approx.	398 / 509 kg (Safe / ATEX)	444 / 539 kg (Safe / ATEX)	533 / 567 kg (Safe / ATEX)	585 / 683 kg (Safe / ATEX)
Dimensions (L x W x H)	1387 x 815 x 854 / 1559 x 927 x 1067 mm (Safe / ATEX)	1447 x 815 x 854 / 1619 x 927 x 1067 mm (Safe / ATEX)	1646 x 875 x 932 / 1734 x 1054 x 1184 mm (50 / 60 Hz)	1651 x 875 x 932 / 1826 x 1054 x 1184 mm (Safe / ATEX)
Gas inlet / outlet	G 2" / R 3"	G 2" / R 3"	G 2½" / R 4"	G 2½" / R 4"

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