

DOLPHIN VX 0030/0055 A

Partial Recirculation

Liquid ring vacuum pump units



VACUUM SOLUTIONS

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Robust

Compact design, proven technology, reliable operation, minimum maintenance, corrosion-free stainless steel impeller as standard, extremely high vapor and particle tolerance, able to handle entrained liquids, ideal for challenging processes

Low operating cost

Reduced utility costs, up to 85% fresh water savings using simple thermostatic control valve, high efficiency, low sound pressure level, almost vibration free, non-polluting thanks to oil-free operation and virtually isothermal compression of gases and vapors

Flexible

Choice of cast iron (EN-GJL-200) or 316 grade stainless steel material housings, cavitation protection included, operating fluids other than water possible, universal motor options, stainless steel separator and support frame ideal for easy cleaning

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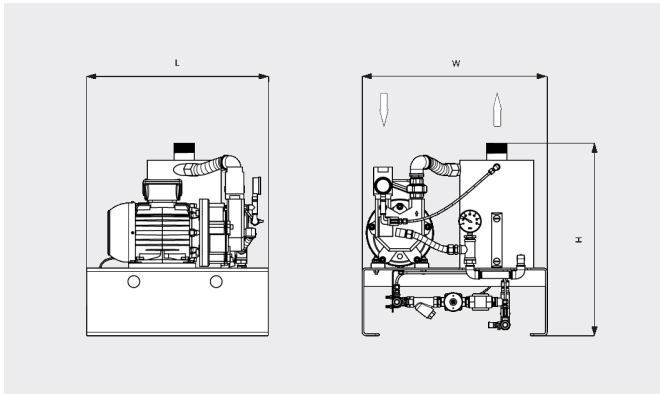
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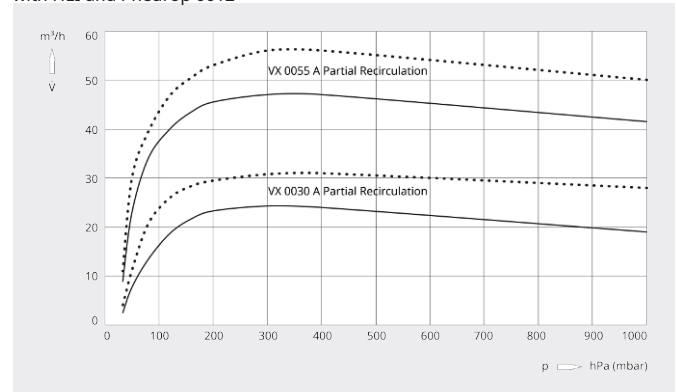
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Dimensional drawing



Pumping speed

Dry air at 20 °C. Operating fluid water 15°C. Tolerance: - 10%, in accordance with HEI and Pneurop 6612



	DOLPHIN VX 0030 A Partial Recirculation	DOLPHIN VX 0055 A Partial Recirculation
Nominal pumping speed	24 / 31 m³/h (50 / 60 Hz)	47 / 56 m³/h (50 / 60 Hz)
Ultimate pressure	33 hPa (mbar) (50 / 60 Hz)	33 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	1.1 / 1.5 kW (50 / 60 Hz)	1.5 / 2.2 kW (50 / 60 Hz)
Weight approx.	75 / 83 kg (50 / 60 Hz)	85 / 93 kg (50 / 60 Hz)
Dimensions (L x W x H)	540 x 550 x 570 mm	540 x 550 x 570 mm
Gas inlet / outlet	G 1" / R 2"	G 1" / R 2"

Technical data / Specifications may vary depending on configuration, selected accessories, installation, and operating conditions.

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