

DOLPHIN VX 0110-0180 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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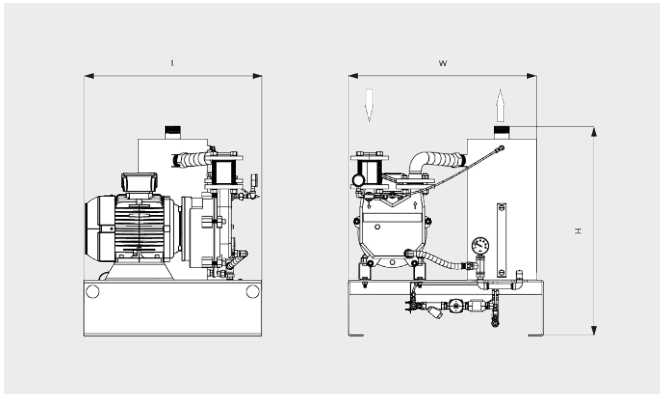
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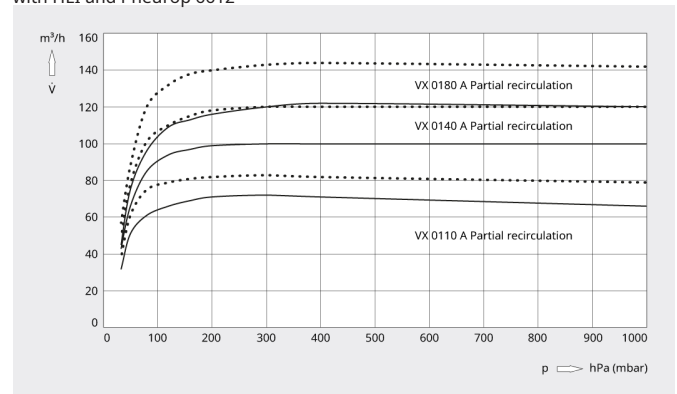
Dimensional drawing



Pumping speed

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

— 50 Hz 60 Hz



	DOLPHIN VX 0110 A Partial Recirculation	DOLPHIN VX 0140 A Partial Recirculation	DOLPHIN VX 0180 A Partial Recirculation
Nominal pumping speed	72 / 83 m³/h (50 / 60 Hz)	100 / 120 m³/h (50 / 60 Hz)	122 / 144 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)
Nominal motor rating	2.2 / 3.0 kW (50 / 60 Hz)	3.0 / 4.0 kW (50 / 60 Hz)	4.0 / 5.5 kW (50 / 60 Hz)
Weight approx.	160 / 168 kg (50 / 60 Hz)	171 / 177 kg (50 / 60 Hz)	180 / 197 kg (50 / 60 Hz)
Dimensions (L x W x H)	700 x 770 x 825 mm	700 x 770 x 825 mm	700 x 770 x 825 mm
Gas inlet / outlet	G 1½" / R 2"	G 1½" / R 2"	G 1½" / R 2"

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