

DOLPHIN VX 0110-0180 A

Partial Recirculation

Liquid ring vacuum pump units



Discover all advantages of
the product series DOLPHIN
VX

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

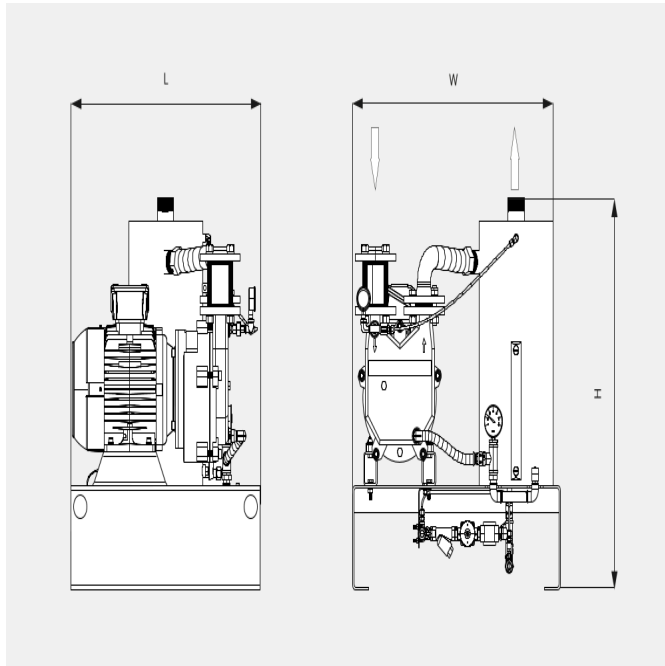
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Dimensional drawing



Pumping speed

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

The following technical values refer to ISO 50 Hz

	DOLPHIN VX 0110 A Partial Recirculation	DOLPHIN VX 0140 A Partial Recirculation	DOLPHIN VX 0180 A Partial Recirculation
Nominal pumping speed	72 m ³ /h	100 m ³ /h	122 m ³ /h
Ultimate pressure	33 hPa (mbar)	33 hPa (mbar)	33 hPa (mbar)
Max. overpressure	0.5 bar(g)	0.5 bar(g)	0.5 bar(g)
Nominal motor rating	2.2 kW	3.0 kW	4.0 kW
Nominal motor speed	1450 min ⁻¹	1450 min ⁻¹	1450 min ⁻¹
Sound pressure level (ISO 3744), 1 m distance, at medium load	≤ 70 dB(A)	≤ 70 dB(A)	≤ 70 dB(A)
Weight approx.	160 kg	171 kg	180 kg
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	G 1½"	G 1½"	G 1½"
Gas outlet	R 2"	R 2"	R 2"

DOLPHIN VX 0110-0180 A

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The following technical values refer to ISO 60 Hz

	DOLPHIN VX 0110 A Partial Recirculation	DOLPHIN VX 0140 A Partial Recirculation	DOLPHIN VX 0180 A Partial Recirculation
Nominal pumping speed	83 m³/h	120 m³/h	144 m³/h
Ultimate pressure	33 hPa (mbar)	33 hPa (mbar)	33 hPa (mbar)
Max. overpressure	0.5 bar(g)	0.5 bar(g)	0.5 bar(g)
Nominal motor rating	3.0 kW	4.0 kW	5.5 kW
Nominal motor speed	1750 min ⁻¹	1750 min ⁻¹	1750 min ⁻¹
Sound pressure level (ISO 3744), 1 m distance, at medium load	≤ 70 dB(A)	≤ 70 dB(A)	≤ 70 dB(A)
Weight approx.	168 kg	177 kg	197 kg
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	G 1½"	G 1½"	G 1½"
Gas outlet	R 2"	R 2"	R 2"

Do you want to know more

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Contact form



Call us now