

# DOLPHIN VX 0030/0055 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

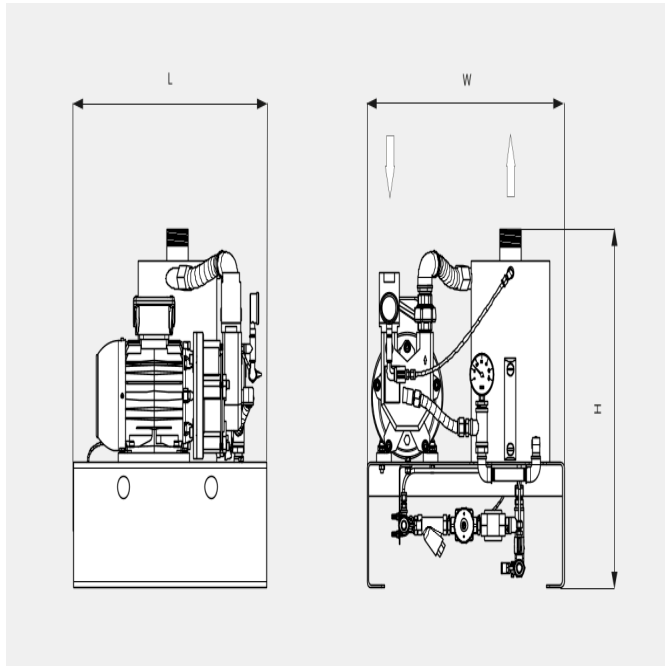
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### Dimensional drawing



### 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 0030 A Partial Recirculation	DOLPHIN VX 0055 A Partial Recirculation
Nominal pumping speed	24 m <sup>3</sup> /h	47 m <sup>3</sup> /h
Ultimate pressure	33 hPa (mbar)	33 hPa (mbar)
Max. overpressure	0.5 bar(g)	0.5 bar(g)
Nominal motor rating	1.1 kW	1.5 kW
Nominal motor speed	2900 min <sup>-1</sup>	2900 min <sup>-1</sup>
Sound pressure level (ISO 3744), 1 m distance, at medium load	≤ 70 dB(A)	≤ 70 dB(A)
Weight approx.	75 kg	85 kg
Dimensions (L x W x H)	540 x 550 x 570 mm	540 x 550 x 570 mm
Gas inlet	G 1"	G 1"
Gas outlet	R 2"	R 2"

# DOLPHIN VX 0030/0055 A

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The following technical values refer to ISO 60 Hz

	DOLPHIN VX 0030 A Partial Recirculation	DOLPHIN VX 0055 A Partial Recirculation
Nominal pumping speed	31 m <sup>3</sup> /h	56 m <sup>3</sup> /h
Ultimate pressure	33 hPa (mbar)	33 hPa (mbar)
Max. overpressure	0.5 bar(g)	0.5 bar(g)
Nominal motor rating	1.5 kW	2.2 kW
Nominal motor speed	3500 min <sup>-1</sup>	3500 min <sup>-1</sup>
Sound pressure level (ISO 3744), 1 m distance, at medium load	≤ 70 dB(A)	≤ 70 dB(A)
Weight approx.	83 kg	93 kg
Dimensions (L x W x H)	540 x 550 x 570 mm	540 x 550 x 570 mm
Gas inlet	G 1"	G 1"
Gas outlet	R 2"	R 2"

## Do you want to know more

Please contact us!  
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Contact form



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