

R5 RA 0520 A

Oil-lubricated rotary vane vacuum pump



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Efficient

Up to 25% more energy-efficient than comparable rotary vane vacuum pumps, low operating costs, high uptime, reduced heat emission

High performance

High pumping speed at low pressure ranges, designed for continuous operation in the rough vacuum range, best-in-class footprint performance ratio

Easy servicing

40% less spare parts, all service-relevant parts on one side, service routine significantly faster, smooth surface design for easy cleaning

Accessories, spare parts and options

- IEC (IE3) and NEMA motors
- Multi-voltage, multi-frequency motors (IE3) for variable speed drive
- Single or double gas-ballast valve, manual or solenoid operation
- Various inlet filters
- Various temperature and pressure gauges
- Starter units
- Energy recuperation kit with water/oil heat exchanger
- Vacuum pump oils for all applications

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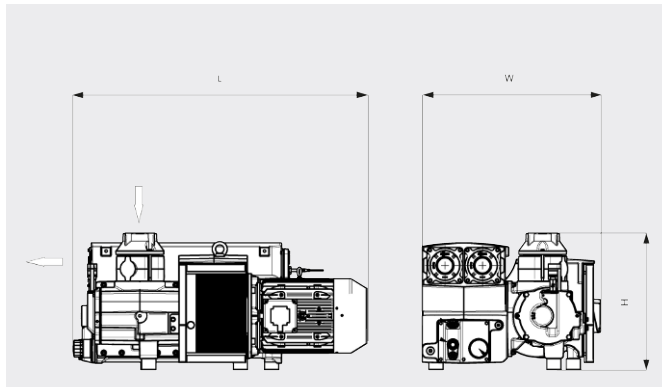
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Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



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Nominal pumping speed	430 / 520 m³/h (50 / 60 Hz)
Ultimate pressure (Gas-ballast valve open)	0.5 hPa (mbar) (50 / 60 Hz)
Ultimate pressure (Gas-ballast valve closed)	0.1 hPa (mbar) (50 / 60 Hz)
Nominal motor speed	1000 / 1200 min ⁻¹ (50 / 60 Hz)
Power consumption at ultimate pressure	3.3 / 3.9 kW (50 / 60 Hz)
Sound pressure level (ISO 2151), KpA = 3 dB	74 / 76 dB(A) (50 / 60 Hz)
Oil capacity	11 l
Weight approx.	420 kg
Dimensions (L x W x H)	1253 x 739 x 563 mm
Gas inlet *	G 3"

*Gas outlet G 3" optional

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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