

# R5 RA 0520 A

Oil-lubricated rotary vane vacuum pump



**VACUUM SOLUTIONS**

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## 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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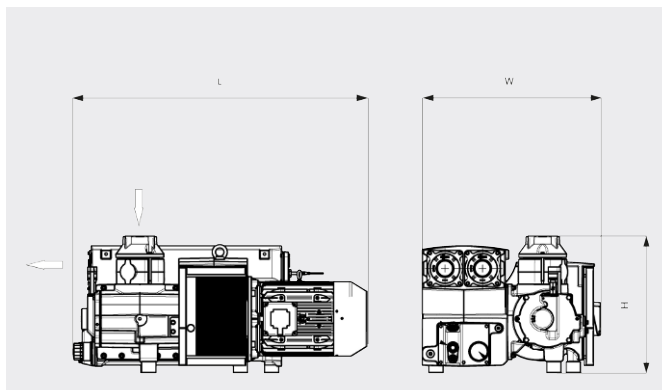
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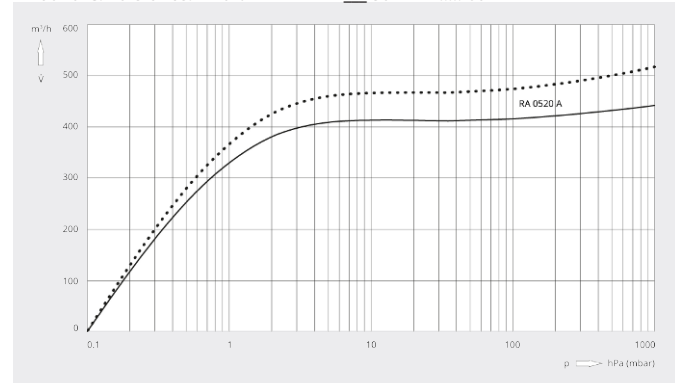
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



| R5 RA 0520 A                                 |                                            |
|----------------------------------------------|--------------------------------------------|
| 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 <sup>-1</sup> (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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