

# R5 RA 0200-0360 A

Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## Efficient

Up to 20% more energy-efficient than comparable rotary vane vacuum pumps, low operating costs, high uptime, reduced heat emission

## Reliable

Designed for continuous operation in the rough vacuum range, robust construction, highly resilient carbon fiber vanes, proven performance

## Easy servicing

50% 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

- Shutter plate for colder operating temperature
- Horizontal inlet
- Adapter flanges
- Various inlet filters
- Filter pressure gauge
- Larger gas-ballast valve
- Solenoid on-off valve for gas-ballast
- G 2" exhaust connection flange
- Liquid heat exchanger
- Vacuum pump oils for all applications
- Oil level switch
- Temperature sensors
- Pressure sensors
- IoT kit
- ECOTORQUE Variable speed drive
- Aqua version
- ATEX version
- Oxygen version

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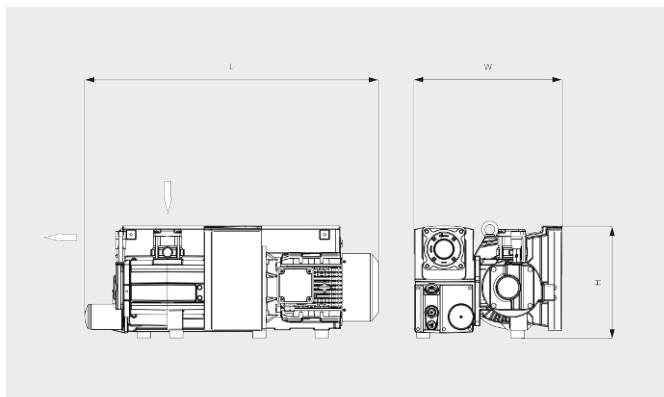
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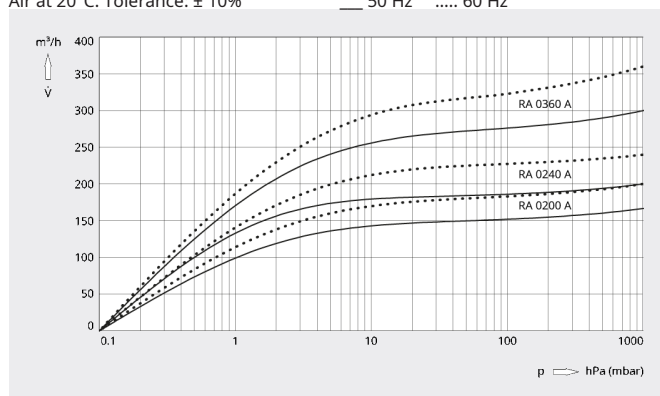
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                              | R5 RA 0200 A                  | R5 RA 0240 A                  | R5 RA 0360 A                  |
|----------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Nominal pumping speed                        | 160 / 190 m³/h                | 200 / 240 m³/h                | 300 / 360 m³/h                |
| Ultimate pressure (Gas-ballast valve closed) | 0.1 hPa (mbar)                | 0.1 hPa (mbar)                | 0.1 hPa (mbar)                |
| Ultimate pressure (Gas-ballast valve open)   | 1.5 hPa (mbar)                | 1.5 hPa (mbar)                | 1.5 hPa (mbar)                |
| Power consumption at ultimate pressure       | 2.1 / 2.6 kW                  | 2.2 / 2.7 kW                  | 2.7 / 3.4 kW                  |
| Nominal motor speed                          | 1500 / 1800 min <sup>-1</sup> | 1500 / 1800 min <sup>-1</sup> | 1500 / 1800 min <sup>-1</sup> |
| Oil capacity                                 | 7 l                           | 7 l                           | 7 l                           |
| Sound pressure level (ISO 2151), KpA = 3 dB  | 69 / 72 dB(A)                 | 70 / 74 dB(A)                 | 70 / 74 dB(A)                 |
| Weight approx.                               | 200 kg                        | 200 kg                        | 250 kg                        |
| Dimensions (L x W x H)                       | 960 x 540 x 430 mm            | 960 x 540 x 430 mm            | 1070 x 540 x 430 mm           |
| Gas inlet                                    | G 2"                          | G 2"                          | G 2"                          |

**DO YOU WANT TO KNOW MORE?**

Get in touch with us directly!  
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