

# R5 RD 0200-0360 A

Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## Easy servicing

All service-relevant parts on one side, service routine significantly faster, smooth surface design for easy cleaning

## Efficient

Up to 30% more energy-efficient than comparable rotary vane vacuum pumps, low operating costs, high uptime, reduced heat emission, optimized heat direction

## High performance

Specially designed for use in vacuum packaging machines, optimized for fast cycle times, e.g. vacuum packaging and continuous operation at low pressures

Accessories, spare parts and options

- Vertical inlet
- Larger gas-ballast valve
- Various inlet filters
- Adapter flange for vacuum booster
- Filter pressure gauge
- Cooling air deflector
- G 2" exhaust connection flange
- Energy recuperation kit with heat exchanger
- Vacuum pump oils for all applications
- Oil level switch
- Temperature sensors
- Starter unit

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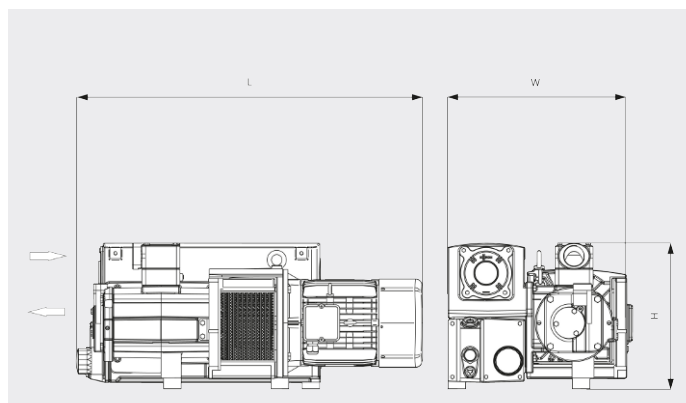
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Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

50 Hz ..... 60 Hz



|                                              | R5 RD 0200 A                   | R5 RD 0240 A                   | R5 RD 0300 A                   | R5 RD 0360 A                   |
|----------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Nominal pumping speed                        | 160 / 190 m³/h (50 / 60 Hz)    | 200 / 240 m³/h (50 / 60 Hz)    | 250 / 300 m³/h (50 / 60 Hz)    | 300 / 360 m³/h (50 / 60 Hz)    |
| Ultimate pressure (Gas-ballast valve closed) | 0.1 hPa (mbar) (50 / 60 Hz)    | 0.1 hPa (mbar) (50 / 60 Hz)    | 0.1 hPa (mbar) (50 / 60 Hz)    | 0.1 hPa (mbar) (50 / 60 Hz)    |
| Ultimate pressure (Gas-ballast valve open)   | 0.5 hPa (mbar) (50 / 60 Hz)    | 0.5 hPa (mbar) (50 / 60 Hz)    | 0.5 hPa (mbar) (50 / 60 Hz)    | 0.5 hPa (mbar) (50 / 60 Hz)    |
| Nominal motor rating                         | 4.0 / 4.2 kW (50 / 60 Hz)      | 4.0 / 4.2 kW (50 / 60 Hz)      | 5.5 / 6.6 kW (50 / 60 Hz)      | 5.5 / 6.6 kW (50 / 60 Hz)      |
| Power consumption at 100 mbar                | 2.9 / 3.8 kW (50 / 60 Hz)      | 3.5 / 4.0 kW (50 / 60 Hz)      | 4.6 / 5.6 kW (50 / 60 Hz)      | 5.1 / 6.3 kW (50 / 60 Hz)      |
| Power consumption at ultimate pressure       | 1.9 / 2.3 kW (50 / 60 Hz)      | 2.0 / 2.5 kW (50 / 60 Hz)      | 2.4 / 3.0 kW (50 / 60 Hz)      | 2.8 / 3.2 kW (50 / 60 Hz)      |
| Nominal motor speed                          | 1500 / 1800 min⁻¹ (50 / 60 Hz) | 1500 / 1800 min⁻¹ (50 / 60 Hz) | 1500 / 1800 min⁻¹ (50 / 60 Hz) | 1500 / 1800 min⁻¹ (50 / 60 Hz) |
| Sound pressure level (ISO 2151), KpA = 3 dB  | 68 / 70 dB(A) (50 / 60 Hz)     | 68 / 72 dB(A) (50 / 60 Hz)     | 68 / 72 dB(A) (50 / 60 Hz)     | 70 / 72 dB(A) (50 / 60 Hz)     |
| Oil capacity                                 | 7 l                            | 7 l                            | 7 l                            | 7 l                            |
| Weight approx.                               | 175 kg                         | 175 kg                         | 190 kg                         | 190 kg                         |
| Dimensions (L x W x H)                       | 815 x 510 x 410 mm             | 815 x 510 x 410 mm             | 990 x 530 x 410 mm             | 990 x 530 x 410 mm             |
| Gas inlet                                    | G 2"                           | G 2"                           | G 2"                           | G 2"                           |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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