

R5 RD 0200-0360 A

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS



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

Easy servicing

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

Accessories

- 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

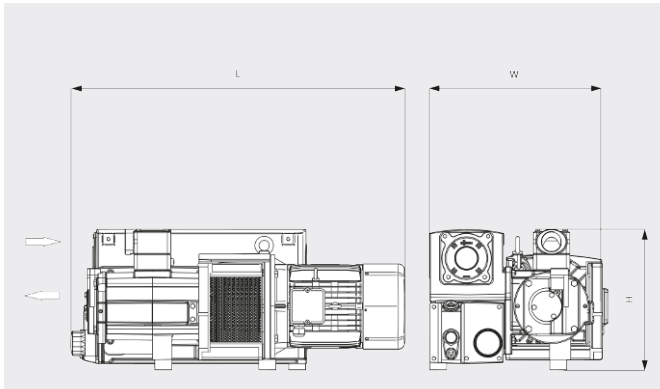
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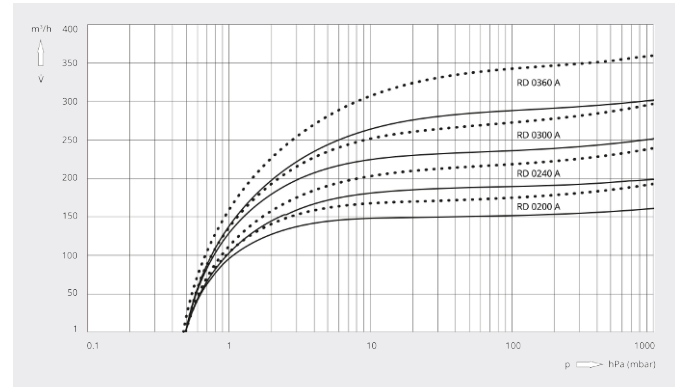
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: ± 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 | 3.0 / 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) |
| Noise level (ISO 2151) | 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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