

# 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

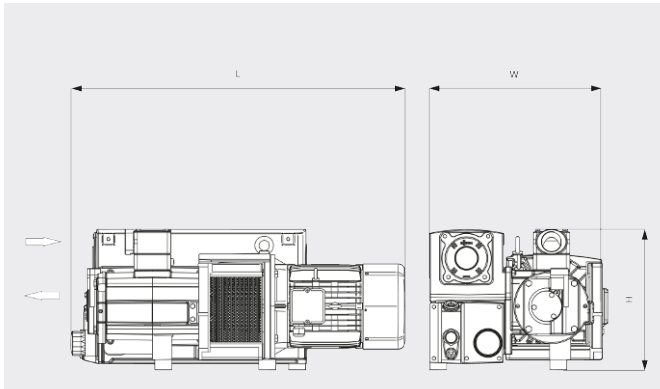
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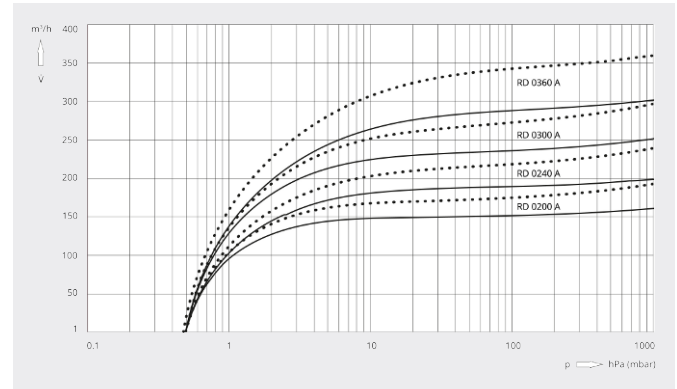
Dimensional drawing



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
<b>Nominal pumping speed</b>	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)
<b>Ultimate pressure (gas-ballast valve closed)</b>	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)
<b>Ultimate pressure (gas-ballast valve open)</b>	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)
<b>Nominal motor rating</b>	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)
<b>Power consumption at 100 mbar</b>	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)
<b>Power consumption at ultimate pressure</b>	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)
<b>Nominal motor speed</b>	1500 / 1800 min <sup>-1</sup> (50 / 60 Hz)	1500 / 1800 min <sup>-1</sup> (50 / 60 Hz)	1500 / 1800 min <sup>-1</sup> (50 / 60 Hz)	1500 / 1800 min <sup>-1</sup> (50 / 60 Hz)
<b>Noise level (ISO 2151)</b>	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)
<b>Oil capacity</b>	7 l	7 l	7 l	7 l
<b>Weight approx.</b>	175 kg	175 kg	190 kg	190 kg
<b>Dimensions (L x W x H)</b>	815 x 510 x 410 mm	815 x 510 x 410 mm	990 x 530 x 410 mm	990 x 530 x 410 mm
<b>Gas inlet</b>	G 2"	G 2"	G 2"	G 2"

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