

R5 RD 0200–0360 A

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS



Discover all advantages of the product series R5 RD

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

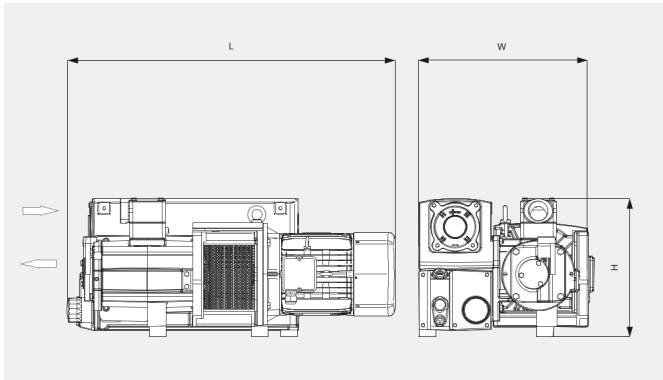
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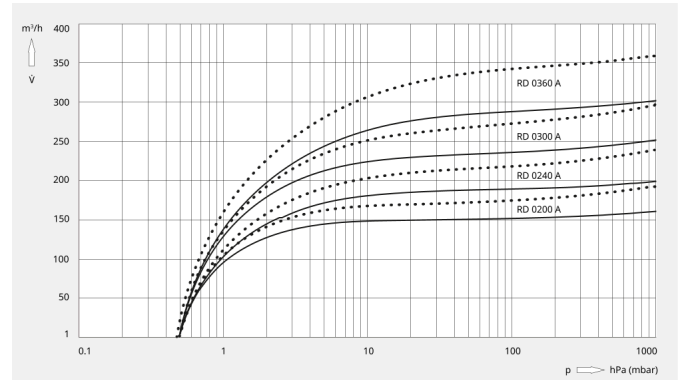
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Dimensional drawing



Pumping speed

Air at 20 °C. Tolerance: ± 10%



The following technical values refer to ISO 50 Hz

	R5 RD 0200 A	R5 RD 0240 A	R5 RD 0300 A	R5 RD 0360 A
Nominal pumping speed	160 m³/h	200 m³/h	250 m³/h	300 m³/h
Ultimate pressure (gas-ballast valve closed)	0.1 hPa (mbar)	0.1 hPa (mbar)	0.1 hPa (mbar)	0.1 hPa (mbar)
Ultimate pressure (gas-ballast valve open)	0.5 hPa (mbar)	0.5 hPa (mbar)	0.5 hPa (mbar)	0.5 hPa (mbar)
Nominal motor rating	3.0 kW	4.0 kW	5.5 kW	5.5 kW
Nominal motor speed	1500 min ⁻¹	1500 min ⁻¹	1500 min ⁻¹	1500 min ⁻¹
Power consumption at 100 mbar	2.9 kW	3.5 kW	4.6 kW	5.1 kW
Power consumption at ultimate pressure	1.9 kW	2.0 kW	2.4 kW	2.8 kW
Noise level (ISO 2151)	68 dB(A)	68 dB(A)	68 dB(A)	70 dB(A)
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 outlet	–	–		–
Gas inlet	G 2"	G 2"	G 2"	G 2"

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The following technical values refer to ISO 60 Hz

	R5 RD 0200 A	R5 RD 0240 A	R5 RD 0300 A	R5 RD 0360 A
Nominal pumping speed	190 m ³ /h	240 m ³ /h	300 m ³ /h	360 m ³ /h
Ultimate pressure (gas-ballast valve closed)	0.1 hPa (mbar)	0.1 hPa (mbar)	0.1 hPa (mbar)	0.1 hPa (mbar)
Ultimate pressure (gas-ballast valve open)	0.5 hPa (mbar)	0.5 hPa (mbar)	0.5 hPa (mbar)	0.5 hPa (mbar)
Nominal motor rating	4.2 kW	4.2 kW	6.6 kW	6.6 kW
Nominal motor speed	1800 min ⁻¹	1800 min ⁻¹	1800 min ⁻¹	1800 min ⁻¹
Power consumption at 100 mbar	3.8 kW	4.0 kW	5.6 kW	6.3 kW
Power consumption at ultimate pressure	2.3 kW	2.5 kW	3.0 kW	3.2 kW
Noise level (ISO 2151)	70 dB(A)	72 dB(A)	72 dB(A)	72 dB(A)
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 outlet	–	–		–
Gas inlet	G 2"	G 2"	G 2"	G 2"

DO YOU WANT TO KNOW MORE

Please contact us!
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