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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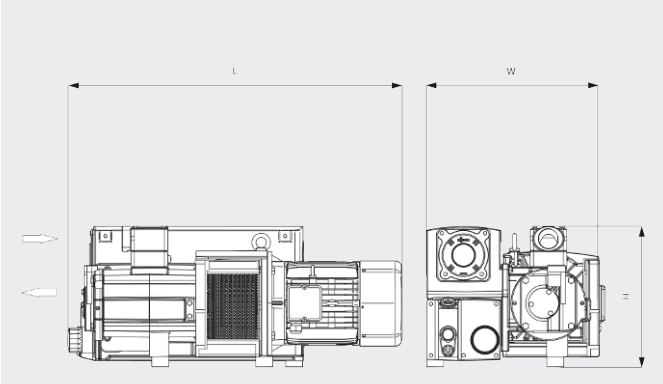
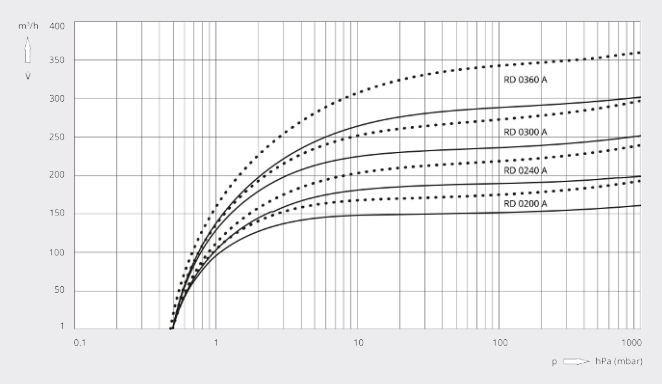
Dimensional drawing



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	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!

CONTACT FORM

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