

R5 RA 0200-0360 A

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Efficient

Up to 20% more energy-efficient than comparable rotary vane vacuum pumps, low operating costs, high uptime, reduced heat emission

Reliable

Designed for continuous operation in the rough vacuum range, robust construction, highly resilient carbon fiber vanes, proven performance

Easy servicing

50% less spare parts, all service-relevant parts on one side, service routine significantly faster, smooth surface design for easy cleaning

Accessories, spare parts and options

- Shutter plate for colder operating temperature
- Horizontal inlet
- Adapter flanges
- Various inlet filters
- Filter pressure gauge
- Larger gas-ballast valve
- Solenoid on-off valve for gas-ballast
- G 2" exhaust connection flange
- Liquid heat exchanger
- Vacuum pump oils for all applications
- Oil level switch
- Temperature sensors
- Pressure sensors
- IoT kit
- ECOTORQUE Variable speed drive
- Aqua version
- ATEX version
- Oxygen version

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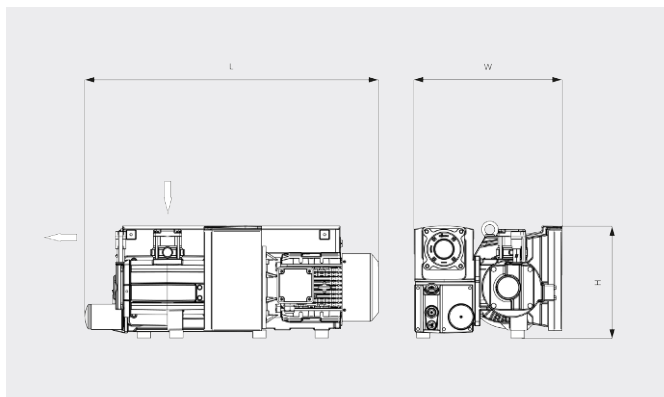
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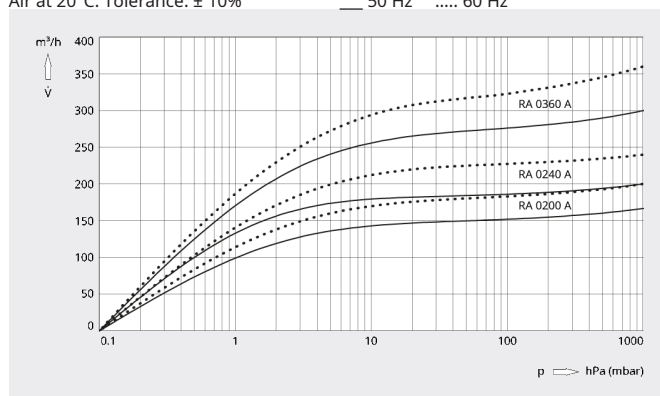
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	R5 RA 0200 A	R5 RA 0240 A	R5 RA 0360 A
Nominal pumping speed	160 / 190 m³/h	200 / 240 m³/h	300 / 360 m³/h
Ultimate pressure (Gas-ballast valve closed)	0.1 hPa (mbar)	0.1 hPa (mbar)	0.1 hPa (mbar)
Ultimate pressure (Gas-ballast valve open)	1.5 hPa (mbar)	1.5 hPa (mbar)	1.5 hPa (mbar)
Power consumption at ultimate pressure	2.1 / 2.6 kW	2.2 / 2.7 kW	2.7 / 3.4 kW
Nominal motor speed	1500 / 1800 min ⁻¹	1500 / 1800 min ⁻¹	1500 / 1800 min ⁻¹
Oil capacity	7 l	7 l	7 l
Sound pressure level (ISO 2151), KpA = 3 dB	69 / 72 dB(A)	70 / 74 dB(A)	70 / 74 dB(A)
Weight approx.	200 kg	200 kg	250 kg
Dimensions (L x W x H)	960 x 540 x 430 mm	960 x 540 x 430 mm	1070 x 540 x 430 mm
Gas inlet	G 2"	G 2"	G 2"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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