

R5 RA 0063/0100 F

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS

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Reliable

Robust construction, highly durable fiber-reinforced epoxy resin vanes, proven rotary vane technology, long service life

High performance

High pumping speed at low pressures, designed for continuous operation

Flexible

Various design options available, easy adaption to individual customer requirements and processes

Accessories, spare parts and options

- Gas-ballast valve
- Filter pressure gauge
- Vacuum pump oils for all applications
- Various inlet filters
- Oil level switch
- Vacuum regulating unit

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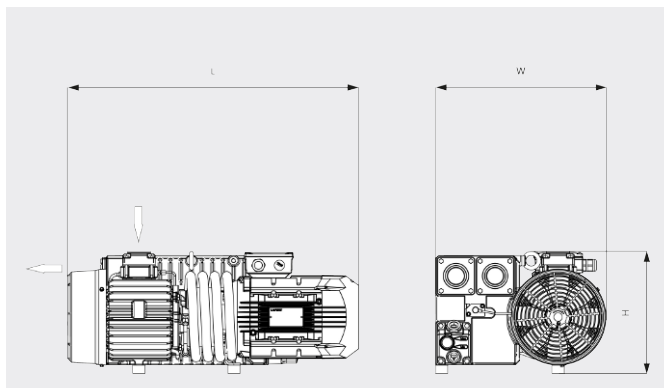
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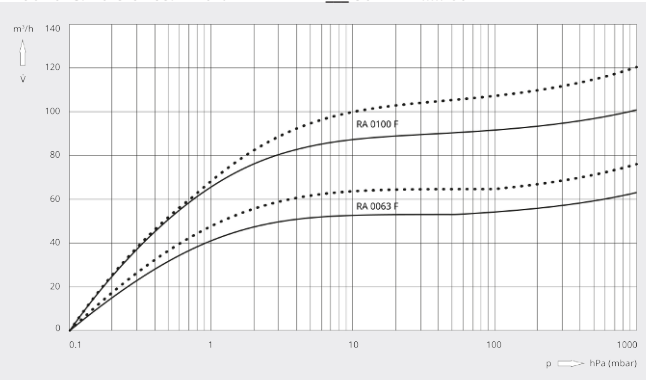
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	R5 RA 0063 F	R5 RA 0100 F
Nominal pumping speed	63 / 76 m³/h (50 / 60 Hz)	100 / 120 m³/h (50 / 60 Hz)
Ultimate pressure (Gas-ballast valve closed)	0.1 ... 0.5 hPa (mbar) (50 / 60 Hz)	0.1 ... 0.5 hPa (mbar) (50 / 60 Hz)
Ultimate pressure (Gas-ballast valve open)	0.5 ... 1.5 hPa (mbar) (50 / 60 Hz)	0.5 ... 1.5 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	2.0 / 2.4 kW (50 / 60 Hz)	2.7 / 3.4 kW (50 / 60 Hz)
Nominal motor speed	1500 / 1800 min ⁻¹ (50 / 60 Hz)	1500 / 1800 min ⁻¹ (50 / 60 Hz)
Power consumption at 100 mbar	1.3 / 1.5 kW (50 / 60 Hz)	1.9 / 2.4 kW (50 / 60 Hz)
Power consumption at ultimate pressure	0.7 / 0.8 kW (50 / 60 Hz)	1.2 / 1.5 kW (50 / 60 Hz)
Sound pressure level (ISO 2151), KpA = 3 dB	64 / 67 dB(A) (50 / 60 Hz)	65 / 68 dB(A) (50 / 60 Hz)
Oil capacity	2.0 l	2.0 l
Weight approx.	55 kg	75 kg
Dimensions (L x W x H)	633 x 406 x 289 mm	693 x 406 x 288 mm
Gas inlet / outlet	G 1¼" / G 1¼"	G 1¼" / G 1¼"

Technical data / Specifications may vary depending on configuration, selected accessories, installation, and operating conditions.

DO YOU WANT TO KNOW MORE?

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