

R5 RA 0025/0040 F

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS



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

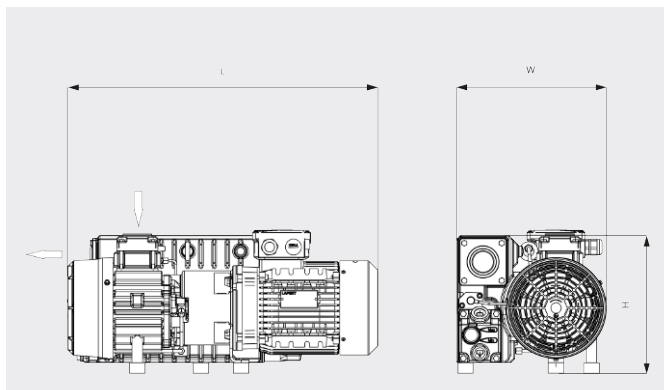
- Gas-ballast valve
- Filter pressure gauge
- Vacuum pump oils for all applications
- Various inlet filters
- Oil level switch
- Vacuum regulating unit

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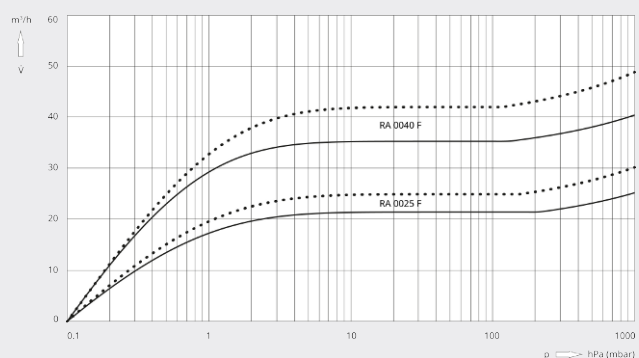
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	R5 RA 0025 F	R5 RA 0040 F
Nominal pumping speed	25 / 30 m³/h (50 / 60 Hz)	40 / 48 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	1.0 / 1.2 kW (50 / 60 Hz)	1.4 / 1.7 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	0.8 / 0.9 kW (50 / 60 Hz)	1.1 / 1.2 kW (50 / 60 Hz)
Power consumption at ultimate pressure	0.5 / 0.6 kW (50 / 60 Hz)	0.6 / 0.7 kW (50 / 60 Hz)
Sound pressure level (ISO 2151), KpA = 3 dB	60 / 63 dB(A) (50 / 60 Hz)	63 / 66 dB(A) (50 / 60 Hz)
Oil capacity	1.0 l	1.0 l
Weight approx.	40 kg	45 kg
Dimensions (L x W x H)	604 x 284 x 270 mm	644 x 283 x 278 mm
Gas inlet / outlet	G 1¼" / G 1¼"	G 1¼" / G 1¼"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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