

R5 RA 0155 A

Oil-lubricated rotary vane vacuum pump



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Flexible

Easy adaption to individual customer requirements and processes, level and temperature switch as standard

High performance

High pumping speed at low pressures, designed for continuous operation in the rough vacuum range

Reliable

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

Accessories, spare parts and options

- Gas-ballast valve
- Various inlet filters
- Adapter flange for vacuum booster
- Filter pressure gauge
- Vacuum pump oils for all applications
- Oil level switch
- Temperature sensors
- Starter unit
- Oxygen version

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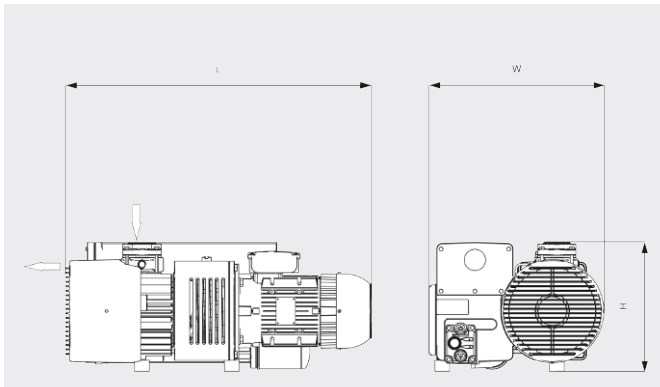
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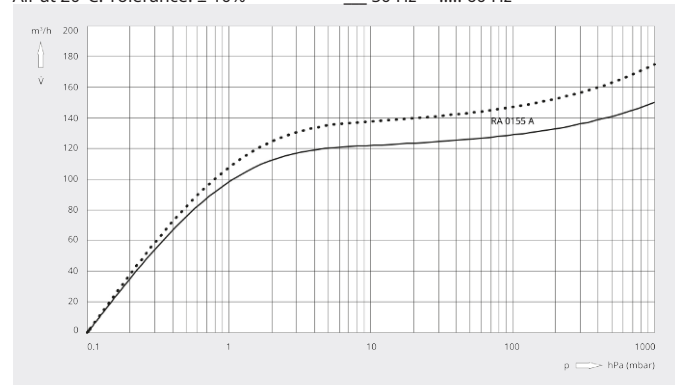
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



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Nominal pumping speed	150 / 175 m³/h (50 / 60 Hz)
Ultimate pressure (Gas-ballast valve open)	1.5 hPa (mbar) (50 / 60 Hz)
Ultimate pressure (Gas-ballast valve closed)	0.1 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	4.0 / 4.2 kW (50 / 60 Hz)
Nominal motor speed	1500 / 1800 min⁻¹ (50 / 60 Hz)
Power consumption at 100 mbar	3.2 / 3.8 kW (50 / 60 Hz)
Power consumption at ultimate pressure	2.1 / 2.5 kW (50 / 60 Hz)
Sound pressure level (ISO 2151), KpA = 3 dB	70 / 72 dB(A) (50 / 60 Hz)
Oil capacity	3.5 l
Weight approx.	110 kg
Dimensions (L x W x H)	765 x 470 x 340 mm
Gas inlet / outlet	G 2" / G 2"

DO YOU WANT TO KNOW MORE?

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