

R5 RA 0520 A

Oil-lubricated rotary vane vacuum pump



Discover all advantages of
the product series R5 RA

Efficient

Up to 25% more energy-efficient than comparable rotary vane vacuum pumps, low operating costs, high uptime, reduced heat emission

High performance

High pumping speed at low pressure ranges, designed for continuous operation in the rough vacuum range, best-in-class footprint performance ratio

Easy servicing

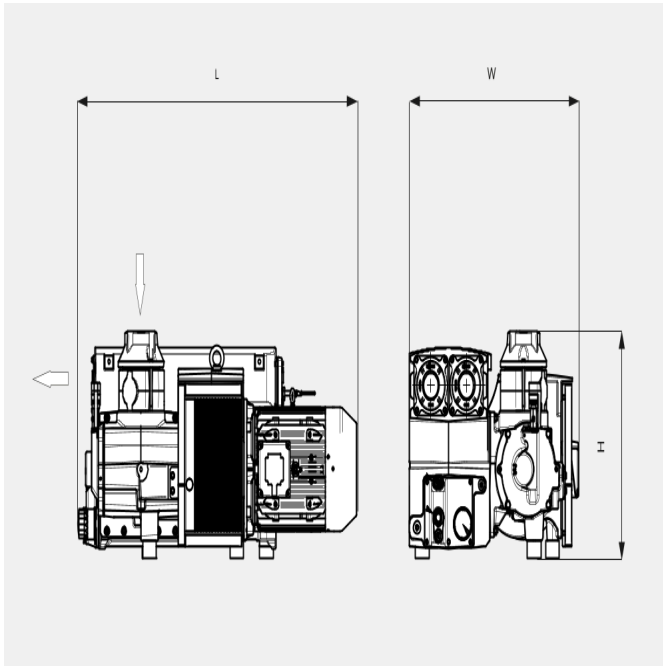
40% less spare parts, all service-relevant parts on one side, service routine significantly faster, smooth surface design for easy cleaning

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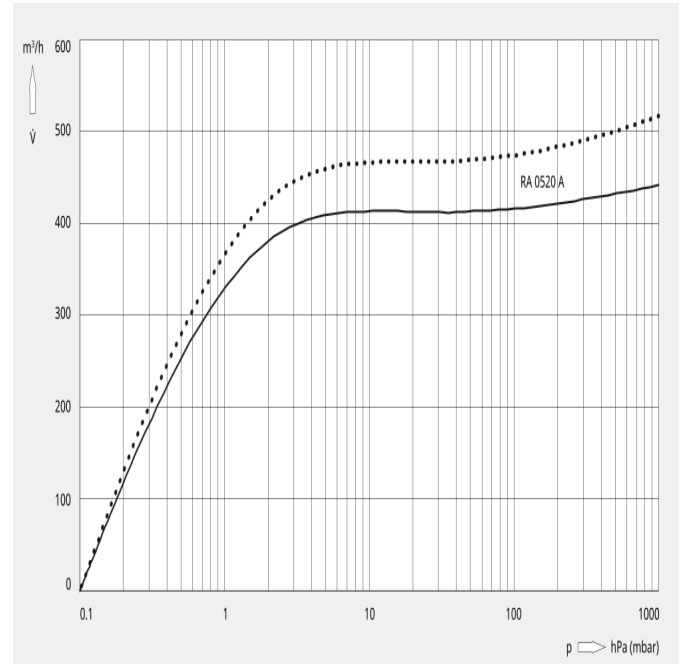


Dimensional drawing



Pumping speed

Air at 20 °C. Tolerance: $\pm 10\%$



The following technical values refer to ISO 50 Hz

R5 RA 0520 A	
Nominal pumping speed	430 m³/h
Ultimate pressure (Gas-ballast valve closed)	0.1 hPa (mbar)
Ultimate pressure (Gas-ballast valve open)	0.5 hPa (mbar)
Ultimate pressure	0.1 hPa (mbar)
Nominal motor rating	11.0 kW
Nominal motor speed	1000 min ⁻¹
Ambient temperature	5 ... 40 °C
Power consumption at 100 mbar	7.3 kW
Power consumption at ultimate pressure	3.3 kW
Sound pressure level (ISO 2151)	74 dB(A)

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Oil capacity	11 l
Weight approx.	420 kg
Dimensions (L x W x H)	1253 x 739 x 563 mm
Gas outlet	G 3"
Gas inlet	G 3"

The following technical values refer to ISO 60 Hz

R5 RA 0520 A	
Nominal pumping speed	520 m ³ /h
Ultimate pressure (Gas-ballast valve closed)	0.1 hPa (mbar)
Ultimate pressure (Gas-ballast valve open)	0.5 hPa (mbar)
Ultimate pressure	0.1 hPa (mbar)
Nominal motor rating	12.5 kW
Nominal motor speed	1200 min ⁻¹
Ambient temperature	5 ... 40 °C
Power consumption at 100 mbar	9.0 kW
Power consumption at ultimate pressure	3.9 kW
Sound pressure level (ISO 2151)	76 dB(A)
Oil capacity	11 l
Weight approx.	420 kg
Dimensions (L x W x H)	1253 x 739 x 563 mm
Gas outlet	G 3"
Gas inlet	G 3"

DO YOU WANT TO KNOW MORE

Please contact us!
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