

R5 RA 0600 A ECOTORQUE

Oil-lubricated rotary vane vacuum pump



Discover all advantages of
the product series R5 RA

Efficient

Up to 50% energy savings thanks to the variable speed drive (VSD), automatic start and stop function with Ecomode

High performance

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

Flexible

Precise adjustment of vacuum level (pressure control) and pumping speed (speed control) to process requirements, compatible with a wide range of supply voltages

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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 0600 A ECOTORQUE	
Nominal pumping speed	330 – 600 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	18.5 kW
Nominal motor speed	800 – 1400 min ⁻¹
Ambient temperature	5 ... 40 °C
Power consumption at 100 mbar	6.2 – 10.7 kW
Power consumption at ultimate pressure	2.6 – 5.2 kW
Sound pressure level (ISO 2151)	70 – 77 dB(A)
Oil capacity	11 l
Weight approx.	525 kg
Dimensions (L x W x H)	1322 x 718 x 653 mm
Gas inlet	G 3"

The following technical values refer to ISO 60 Hz

R5 RA 0600 A ECOTORQUE	
Nominal pumping speed	330 – 600 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	18.5 kW

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Power consumption at ultimate pressure	2.6 – 5.2 kW
Sound pressure level (ISO 2151)	70 – 77 dB(A)
Oil capacity	11 l
Weight approx.	525 kg
Dimensions (L x W x H)	1322 x 718 x 653 mm
Gas inlet	G 3"

DO YOU WANT TO KNOW MORE

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