

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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| R5 RA 0600 A ECOTORQUE | |
|--|------------------------------|
| 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" |

DO YOU WANT TO KNOW MORE

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