

# 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: ± 10%

The following technical values refer to ISO 50 Hz

| R5 RA 0600 A ECOTORQUE                       |                              |
|--|------------------------------|
| Nominal pumping speed                        | 330 – 600 m <sup>3</sup> /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 <sup>-1</sup> |
| 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 <sup>3</sup> /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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|--|------------------------------|
| Nominal motor speed                    | 800 – 1400 min <sup>-1</sup> |
| 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**

Please contact us!  
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