

# R5 RA 0400–0630 C ECOTORQUE

Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## Efficient

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

## High performance

High pumping speed at low pressures, designed for continuous operation

## Flexible

Precise adjustment of vacuum level (pressure control) and pumping speed (speed control) to process requirements, compatible with a wide range of supply voltages, easy control and monitoring of up to eight vacuum pumps with optional ECOTORQUE Master Control

Accessories, spare parts and options

- Single or double gas-ballast valve, manual or solenoid operation
- Various inlet filters
- Various temperature and pressure gauges
- Energy recuperation kit with water/oil heat exchanger
- Vacuum pump oils for all applications

# R5 RA 0400-0630 C ECOTORQUE

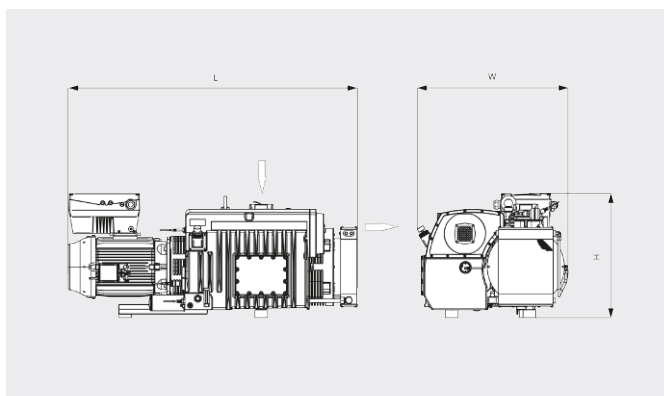
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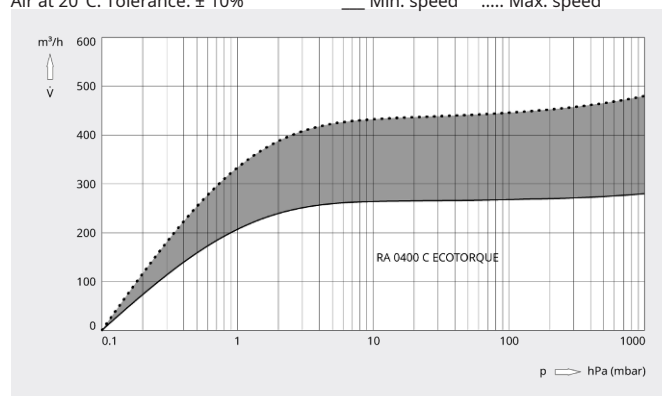
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

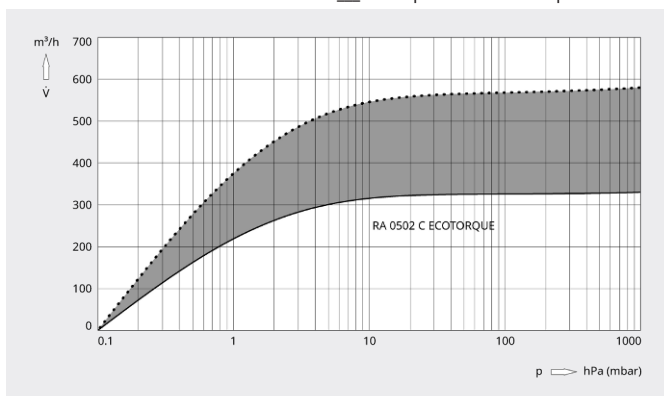
— Min. speed ..... Max. speed



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

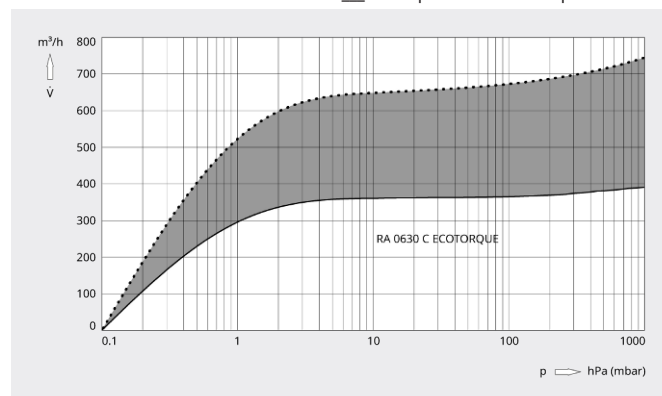
— Min. speed ..... Max. speed



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— Min. speed ..... Max. speed



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|                                              | R5 RA 0400 C ECOTORQUE       | R5 RA 0502 C ECOTORQUE       | R5 RA 0630 C ECOTORQUE       |
|----------------------------------------------|------------------------------|------------------------------|------------------------------|
| Nominal pumping speed                        | 280 – 480 m <sup>3</sup> /h  | 330 – 580 m <sup>3</sup> /h  | 390 – 745 m <sup>3</sup> /h  |
| Ultimate pressure (Gas-ballast valve closed) | 0.1 hPa (mbar)               | 0.1 hPa (mbar)               | 0.1 hPa (mbar)               |
| Nominal motor speed                          | 700 – 1200 min <sup>-1</sup> | 700 – 1200 min <sup>-1</sup> | 700 – 1200 min <sup>-1</sup> |
| Power consumption at ultimate pressure       | 3.2 – 5.1 kW                 | 4.0 – 6.4 kW                 | 4.4 – 7.5 kW                 |
| Sound pressure level (ISO 2151), KpA = 3 dB  | 79 dB(A)                     | 79 dB(A)                     | 79 dB(A)                     |
| Oil capacity                                 | 12 l                         | 12 l                         | 15 l                         |
| Weight approx.                               | 465 kg                       | 560 kg                       | 580 kg                       |
| Dimensions (L x W x H)                       | 1422 x 902 x 724 mm          | 1422 x 902 x 724 mm          | 1681 x 878 x 724 mm          |
| Gas inlet *                                  | G 3"                         | G 3"                         | G 3"                         |

\*Gas outlet G 3" optional.

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
[busch@busch.com.my](mailto:busch@busch.com.my) or +60 (0)3 55 25 95 00



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