

# R5 RA 0520 A ECOTORQUE

Oil-lubricated rotary vane vacuum pump



**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 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, 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

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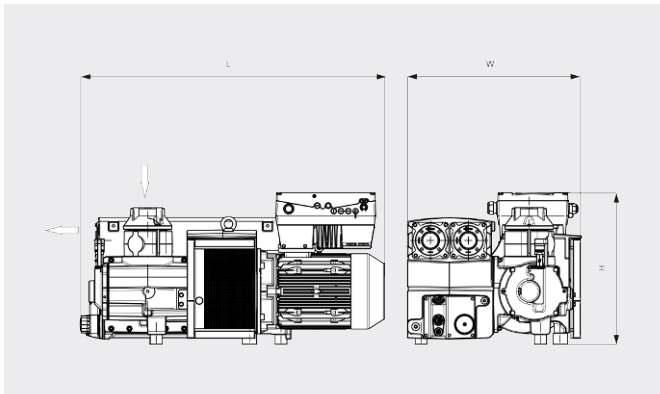
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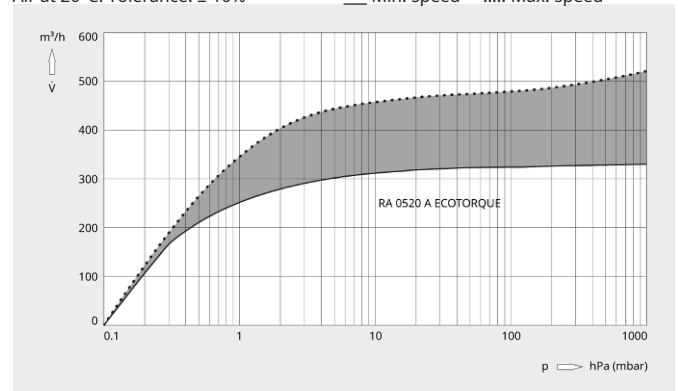
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— Min. speed ..... Max. speed



| R5 RA 0520 A ECOTORQUE                       |                              |
|----------------------------------------------|------------------------------|
| Nominal pumping speed                        | 330 – 520 m³/h               |
| Ultimate pressure (Gas-ballast valve open)   | 0.5 hPa (mbar) (50 / 60 Hz)  |
| Ultimate pressure (Gas-ballast valve closed) | 0.1 hPa (mbar) (50 / 60 Hz)  |
| Nominal motor speed                          | 800 – 1200 min <sup>-1</sup> |
| Power consumption at ultimate pressure       | 2.6 – 3.9 kW                 |
| Sound pressure level (ISO 2151), KpA = 3 dB  | 67 – 76 dB(A)                |
| Oil capacity                                 | 11 l                         |
| Weight approx.                               | 441 kg                       |
| Dimensions (L x W x H)                       | 1253 x 718 x 626 mm          |
| Gas inlet *                                  | G 3"                         |

\*Gas outlet G 3" optional

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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