

# RA 0200-0360 A ECOTORQUE

Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## Efficient

Up to 20% more energy-efficient than comparable rotary vane vacuum pumps, low operating costs, high uptime, reduced heat emission

## Reliable

Designed for continuous operation in the rough vacuum range, robust construction, highly resilient carbon fiber vanes, proven performance

## Easy servicing

50% less spare parts, all service-relevant parts on one side, service routine significantly faster, smooth surface design for easy cleaning

Accessories, spare parts and options

- Shutter plate for colder operating temperature
- Horizontal inlet
- Adapter flanges
- Various inlet filters
- Filter pressure gauge
- Larger gas-ballast valve
- Solenoid on-off valve for gas-ballast
- G 2" exhaust connection flange
- Liquid heat exchanger
- Vacuum pump oils for all applications
- Oil level switch
- Temperature sensors
- Pressure sensors
- IoT kit
- ECOTORQUE Variable speed drive

# RA 0200-0360 A ECOTORQUE

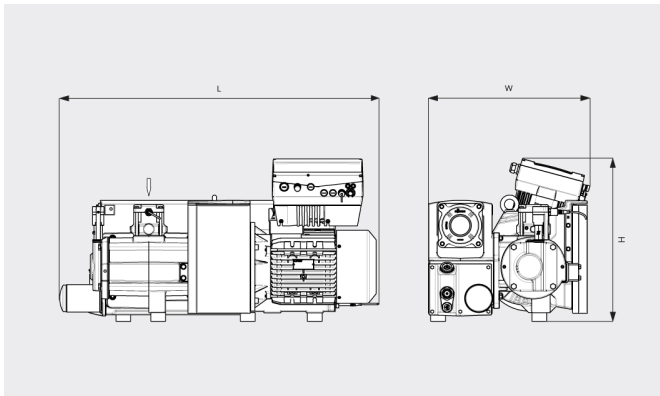
Oil-lubricated rotary vane vacuum pumps



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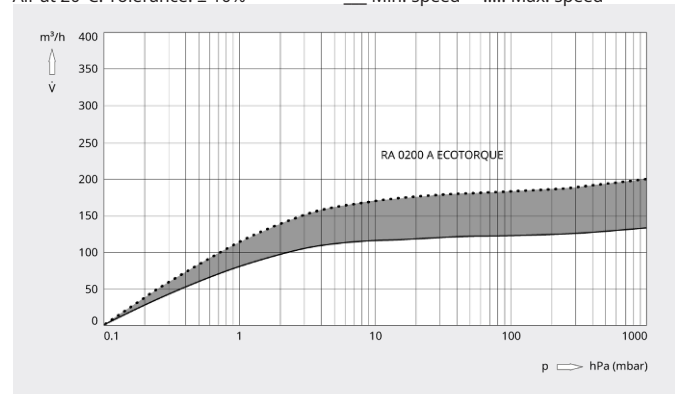
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

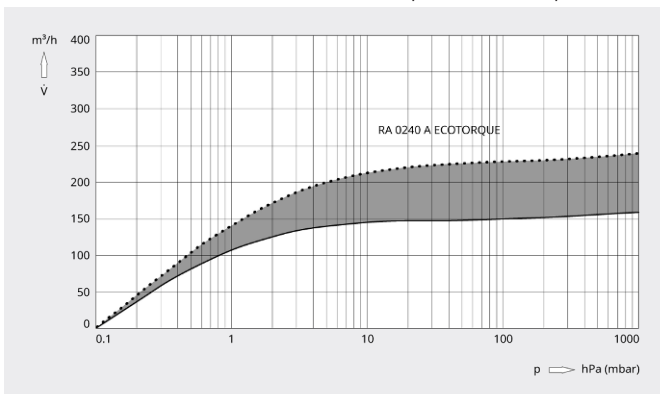
\_\_\_ Min. speed ..... Max. speed



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

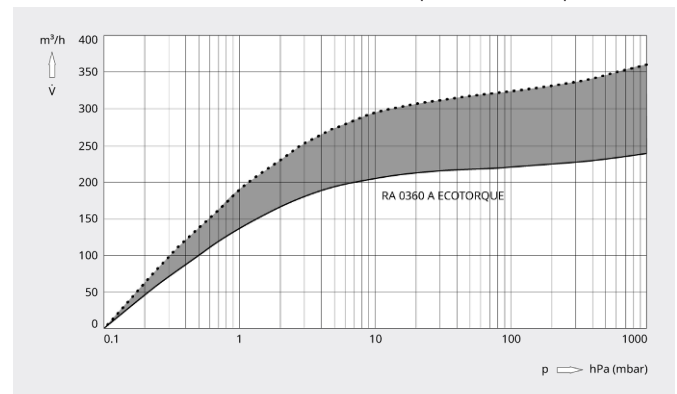
\_\_\_ Min. speed ..... Max. speed



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

\_\_\_ Min. speed ..... Max. speed



|                                              | R5 RA 0200 A ECOTORQUE | R5 RA 0240 A ECOTORQUE | R5 RA 0360 A ECOTORQUE |
|----------------------------------------------|------------------------|------------------------|------------------------|
| Nominal pumping speed                        | 130 – 190 m³/h         | 160 – 240 m³/h         | 240 – 360 m³/h         |
| Ultimate pressure (Gas-ballast valve closed) | 0.1 hPa (mbar)         | 0.1 hPa (mbar)         | 0.1 hPa (mbar)         |
| Ultimate pressure (Gas-ballast valve open)   | 1.5 hPa (mbar)         | 1.5 hPa (mbar)         | 1.5 hPa (mbar)         |
| Power consumption at ultimate pressure       | 1.8 - 2.6 kW           | 1.9 - 2.7 kW           | 2.3 - 3.4 kW           |

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|                                             | R5 RA 0200 A ECOTORQUE        | R5 RA 0240 A ECOTORQUE        | R5 RA 0360 A ECOTORQUE        |
|---------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Nominal motor speed                         | 1200 – 1800 min <sup>-1</sup> | 1200 – 1800 min <sup>-1</sup> | 1200 – 1800 min <sup>-1</sup> |
| Oil capacity                                | 7 l                           | 7 l                           | 7 l                           |
| Sound pressure level (ISO 2151), KpA = 3 dB | 69 / 72 dB(A)                 | 70 / 74 dB(A)                 | 70 / 74 dB(A)                 |
| Weight approx.                              | 210 kg                        | 210 kg                        | 260 kg                        |
| Dimensions (L x W x H)                      | 1000 x 560 x 575 mm           | 1000 x 560 x 555 mm           | 1070 x 550 x 550 mm           |
| Gas inlet                                   | G 2"                          | G 2"                          | G 2"                          |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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CONTACT FORM



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