

# R5 RA/RC 0010/0016 C

Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**

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## Compact

Reduced height and weight, ideal for installations in confined spaces

## Reliable

Robust construction, highly durable fiber-reinforced epoxy resin vanes, proven rotary vane technology, long service life

## Flexible

Various design options available, easy adaption to individual customer requirements and processes

Accessories, spare parts and options

- Gas-ballast valve
- Filter pressure gauge
- Vacuum regulating unit
- Various inlet filters
- Vacuum pump oils for all applications

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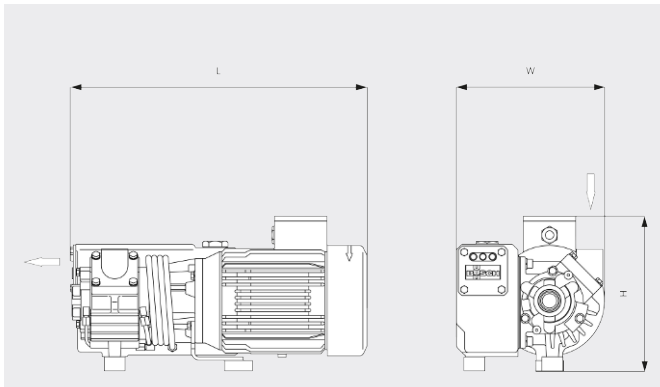
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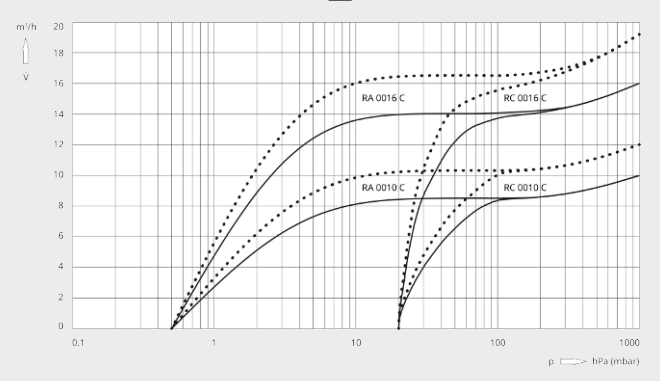
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                                     | R5 RA 0010 C                               | R5 RC 0010 C                               | R5 RA 0016 C                               | R5 RC 0016 C                               |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| <b>Nominal pumping speed</b>                        | 10 / 12 m³/h (50 / 60 Hz)                  | 10 / 12 m³/h (50 / 60 Hz)                  | 16 / 19 m³/h (50 / 60 Hz)                  | 16 / 19 m³/h (50 / 60 Hz)                  |
| <b>Ultimate pressure (Gas-ballast valve open)</b>   | 2 hPa (mbar) (50 / 60 Hz)                  | 20.0 hPa (mbar) (50 / 60 Hz)               | 2.0 hPa (mbar) (50 / 60 Hz)                | 20.0 hPa (mbar) (50 / 60 Hz)               |
| <b>Ultimate pressure (Gas-ballast valve closed)</b> | 0.5 hPa (mbar) (50 / 60 Hz)                | 20.0 hPa (mbar) (50 / 60 Hz)               | 0.5 hPa (mbar) (50 / 60 Hz)                | 20.0 hPa (mbar) (50 / 60 Hz)               |
| <b>Nominal motor rating</b>                         | 0.45 / 0.45 kW (50 / 60 Hz)                | 0.45 / 0.45 kW (50 / 60 Hz)                | 0.55 / 0.7 kW (50 / 60 Hz)                 | 0.55 / 0.7 kW (50 / 60 Hz)                 |
| <b>Nominal motor speed</b>                          | 1500 / 1800 min <sup>-1</sup> (50 / 60 Hz) | 1500 / 1800 min <sup>-1</sup> (50 / 60 Hz) | 1500 / 1800 min <sup>-1</sup> (50 / 60 Hz) | 1500 / 1800 min <sup>-1</sup> (50 / 60 Hz) |
| <b>Sound pressure level (ISO 2151), KpA = 3 dB</b>  | 53 / 56 dB(A) (50 / 60 Hz)                 | 53 / 56 dB(A) (50 / 60 Hz)                 | 54 / 56 dB(A) (50 / 60 Hz)                 | 54 / 56 dB(A) (50 / 60 Hz)                 |
| <b>Oil capacity</b>                                 | 0.4 l                                      | 0.4 l                                      | 0.4 l                                      | 0.4 l                                      |
| <b>Weight approx.</b>                               | 19 kg                                      | 19 kg                                      | 19 kg                                      | 19 kg                                      |
| <b>Dimensions (L x W x H)</b>                       | 434 x 215 x 249 mm                         | 398 x 209 x 211 mm                         | 422 x 209 x 220 mm                         | 422 x 209 x 253 mm                         |
| <b>Gas inlet</b>                                    | G ¾"                                       | G ¾"                                       | G ¾"                                       | G ¾"                                       |

## DO YOU WANT TO KNOW MORE?

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[service\\_sales@busch.co.il](mailto:service_sales@busch.co.il) or +972 (0)8 681 04 85



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