

# R5 RA/RC 0010/0016 C

Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## 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

# R5 RA/RC 0010/0016 C

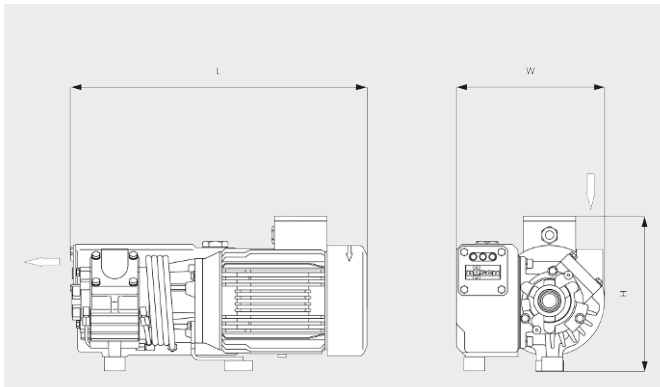
Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH GROUP**

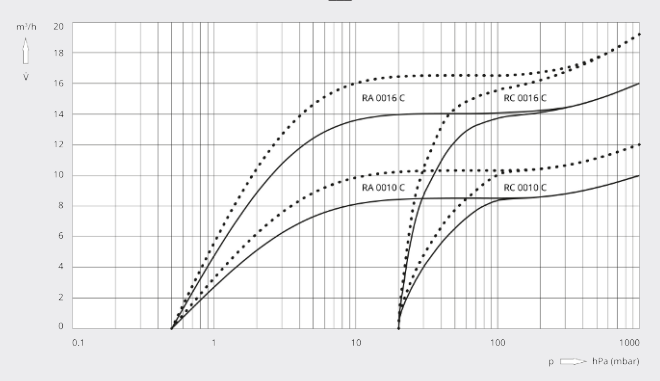
Dimensional drawing



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                   |
|----------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Nominal pumping speed                        | 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)      |
| Ultimate pressure (Gas-ballast valve open)   | 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)   |
| Ultimate pressure (Gas-ballast valve closed) | 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)   |
| Nominal motor rating                         | 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)     |
| Nominal motor speed                          | 1500 / 1800 min⁻¹ (50 / 60 Hz) | 1500 / 1800 min⁻¹ (50 / 60 Hz) | 1500 / 1800 min⁻¹ (50 / 60 Hz) | 1500 / 1800 min⁻¹ (50 / 60 Hz) |
| Sound pressure level (ISO 2151), KpA = 3 dB  | 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)     |
| Oil capacity                                 | 0.4 l                          | 0.4 l                          | 0.4 l                          | 0.4 l                          |
| Weight approx.                               | 19 kg                          | 19 kg                          | 19 kg                          | 19 kg                          |
| Dimensions (L x W x H)                       | 434 x 215 x 249 mm             | 398 x 209 x 211 mm             | 422 x 209 x 220 mm             | 422 x 209 x 253 mm             |
| Gas inlet                                    | G ¾"                           | G ¾"                           | G ¾"                           | G ¾"                           |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

[sales@busch.co.za](mailto:sales@busch.co.za) or +27 (0)11 856 0650



CONTACT FORM



CALL NOW