

# R5 RA 0400-0630 C

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS



## Reliable

Robust construction, highly resilient carbon fiber vanes, proven rotary vane technology, long service life

## High performance

High pumping speed at low pressures, designed for continuous operation

## Flexible

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

### Accessories

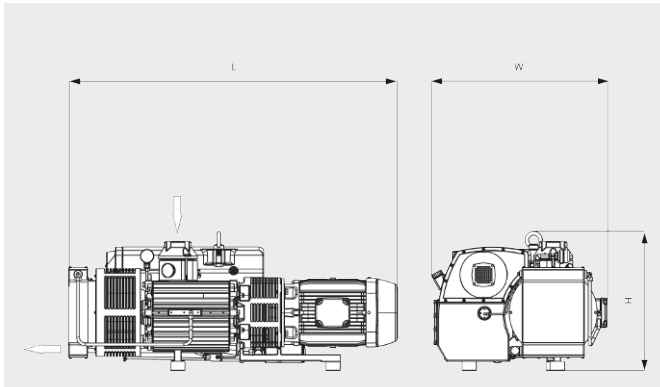
- IEC (IE3) and NEMA motors
- Multi-voltage, multi-frequency motors (IE3) for variable speed drive
- Single or double gas-ballast valve, manual or solenoid operation
- Various inlet filters
- Various temperature and pressure gauges
- Starter units
- Oil mist separator
- Energy recuperation kit with heat exchanger
- Vacuum pump oils for all applications

# R5 RA 0400-0630 C

Oil-lubricated rotary vane vacuum pumps



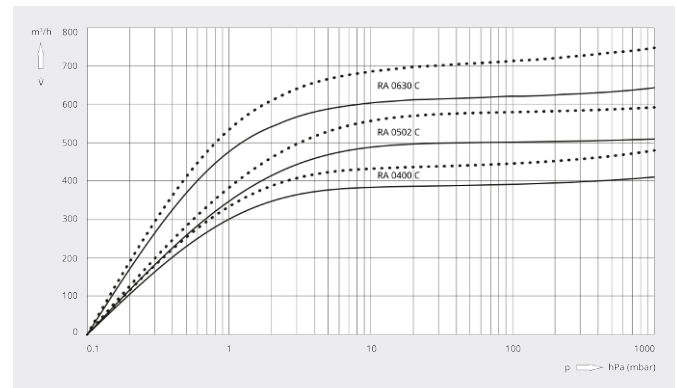
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                        | R5 RA 0400 C                   | R5 RA 0502 C                   | R5 RA 0630 C                   |
|----------------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Nominal pumping speed                  | 410 / 480 m³/h (50 / 60 Hz)    | 510 / 590 m³/h (50 / 60 Hz)    | 630 / 760 m³/h (50 / 60 Hz)    |
| Ultimate pressure                      | 0.1 hPa (mbar) (50 / 60 Hz)    | 0.1 hPa (mbar) (50 / 60 Hz)    | 0.1 hPa (mbar) (50 / 60 Hz)    |
| Nominal motor rating                   | 11 / 15 kW (50 / 60 Hz)        | 11 / 15 kW (50 / 60 Hz)        | 15 / 18.5 kW (50 / 60 Hz)      |
| Nominal motor speed                    | 1000 / 1200 min⁻¹ (50 / 60 Hz) | 1000 / 1200 min⁻¹ (50 / 60 Hz) | 1000 / 1200 min⁻¹ (50 / 60 Hz) |
| Power consumption at 100 mbar          | 8.2 / 10.0 kW (50 / 60 Hz)     | 9.9 / 12.0 kW (50 / 60 Hz)     | 15 / 18.5 kW (50 / 60 Hz)      |
| Power consumption at ultimate pressure | 4.7 / 5.6 kW (50 / 60 Hz)      | 5.8 / 6.4 kW (50 / 60 Hz)      | 6.5 / 8.0 kW (50 / 60 Hz)      |
| Noise level (ISO 2151)                 | 77 / 79 dB(A) (50 / 60 Hz)     | 77 / 79 dB(A) (50 / 60 Hz)     | 77 / 79 dB(A) (50 / 60 Hz)     |
| Oil capacity                           | 12 l                           | 12 l                           | 15 l                           |
| Weight approx.                         | 435 kg                         | 530 kg                         | 550 kg                         |
| Dimensions (L x W x H)                 | 1309 x 862 x 711 mm            | 1374 x 864 x 712 mm            | 1723 x 912 x 712 mm            |
| Gas inlet / outlet                     | G 3" / G 3"                    | G 3" / G 3"                    | G 3" / G 3"                    |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
[sales@busch.co.uk](mailto:sales@busch.co.uk) or +44 (0)1952 67 74 32



CONTACT FORM



CALL NOW