

# R5 RE 0040/0063 C

Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**



## Explosion-proof

ATEX-certified to directive 2014/34/EU: II 1/2G Ex h IIB3 T4 Ga/Gb, specially designed to extract explosion endangered gas/air and vapor/air mixtures, suitable for the extraction of almost all substances in the IIB3 explosion group as well as petrol vapor

## 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, resistance thermometer with transmitter as standard

Accessories, spare parts and options

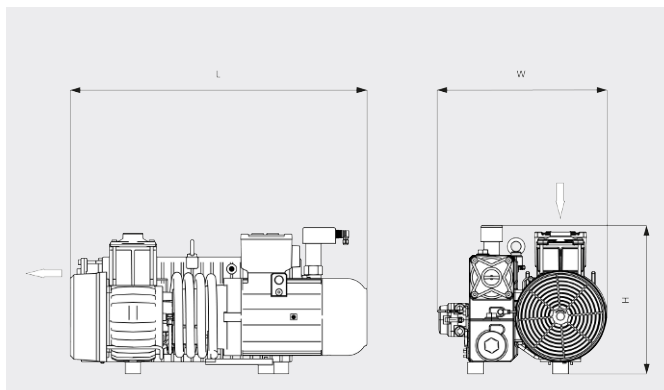
- Gas-ballast valve
- Oil level switch
- Anti-corrosion coating on the oil separator
- T4 motor and transmitter (temperature class T4 outside the vacuum pump)

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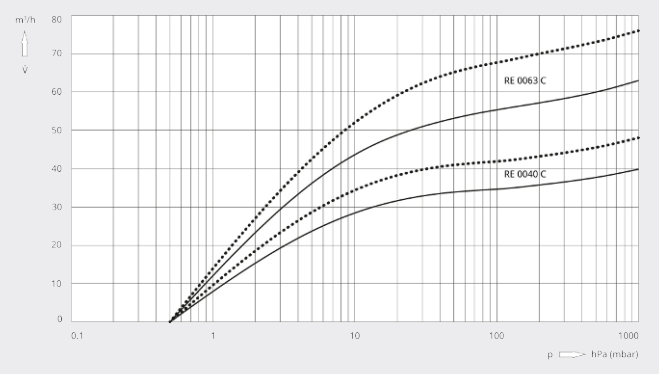
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                        | R5 RE 0040 C                               | R5 RE 0063 C                               |
|------------------------|--------------------------------------------|--------------------------------------------|
| Nominal pumping speed  | 40 / 48 m³/h (50 / 60 Hz)                  | 63 / 76 m³/h (50 / 60 Hz)                  |
| Ultimate pressure      | 0.5 / 1.0 hPa (mbar) (50 / 60 Hz)          | 0.5 / 1.0 hPa (mbar) (50 / 60 Hz)          |
| Nominal motor rating   | 1.5 / 2.2 kW (50 / 60 Hz)                  | 2.2 / 3.0 kW (50 / 60 Hz)                  |
| Nominal motor speed    | 1500 / 1800 min <sup>-1</sup> (50 / 60 Hz) | 1500 / 1800 min <sup>-1</sup> (50 / 60 Hz) |
| Noise level (ISO 2151) | 63 / 66 dB(A) (50 / 60 Hz)                 | 65 / 68 dB(A) (50 / 60 Hz)                 |
| Oil capacity           | 2 l                                        | 2 l                                        |
| Weight approx.         | 100 kg                                     | 100 kg                                     |
| Dimensions (L x W x H) | 695 x 420 x 372 mm                         | 752 x 420 x 372 mm                         |
| Gas inlet / outlet     | G 1¼" / G 1¼"                              | G 1¼" / G 1¼"                              |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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