

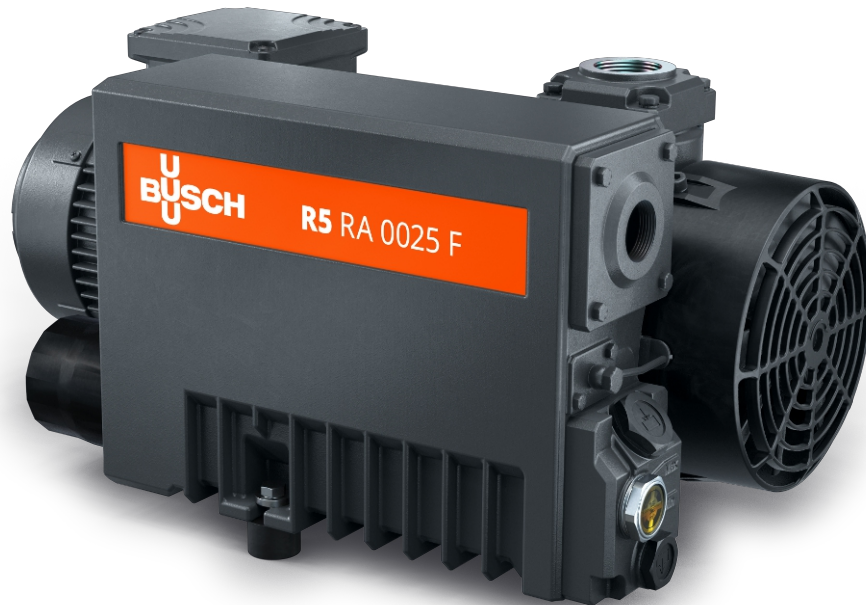
# R5 RA 0025/0040 F

Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**

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## Reliable

Robust construction, highly durable fiber-reinforced epoxy resin 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

Accessories, spare parts and options

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

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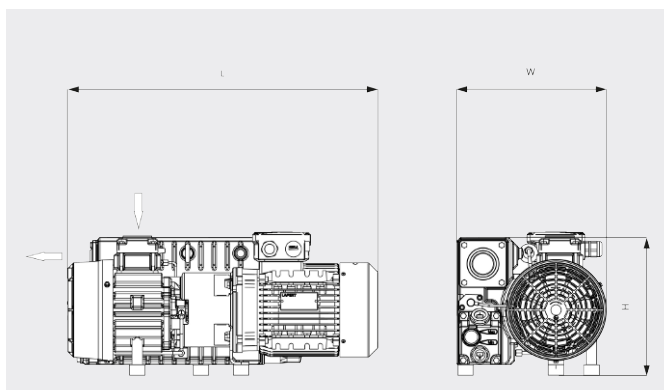
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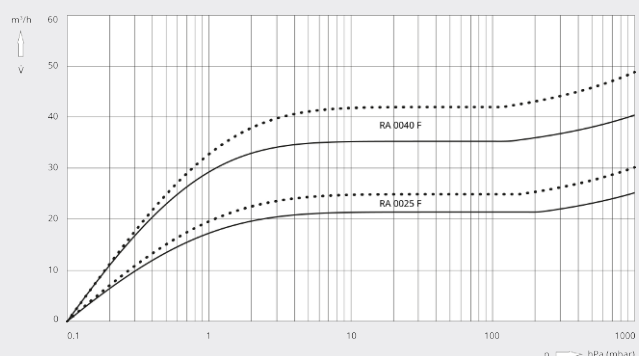
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                              | R5 RA 0025 F                               | R5 RA 0040 F                               |
|----------------------------------------------|--------------------------------------------|--------------------------------------------|
| Nominal pumping speed                        | 25 / 30 m³/h (50 / 60 Hz)                  | 40 / 48 m³/h (50 / 60 Hz)                  |
| Ultimate pressure (Gas-ballast valve closed) | 0.1 ... 0.5 hPa (mbar) (50 / 60 Hz)        | 0.1 ... 0.5 hPa (mbar) (50 / 60 Hz)        |
| Ultimate pressure (Gas-ballast valve open)   | 0.5 ... 1.5 hPa (mbar) (50 / 60 Hz)        | 0.5 ... 1.5 hPa (mbar) (50 / 60 Hz)        |
| Nominal motor rating                         | 1.0 / 1.2 kW (50 / 60 Hz)                  | 1.4 / 1.7 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) |
| Power consumption at 100 mbar                | 0.8 / 0.9 kW (50 / 60 Hz)                  | 1.1 / 1.2 kW (50 / 60 Hz)                  |
| Power consumption at ultimate pressure       | 0.5 / 0.6 kW (50 / 60 Hz)                  | 0.6 / 0.7 kW (50 / 60 Hz)                  |
| Sound pressure level (ISO 2151), KpA = 3 dB  | 60 / 63 dB(A) (50 / 60 Hz)                 | 63 / 66 dB(A) (50 / 60 Hz)                 |
| Oil capacity                                 | 1.0 l                                      | 1.0 l                                      |
| Weight approx.                               | 40 kg                                      | 45 kg                                      |
| Dimensions (L x W x H)                       | 604 x 284 x 270 mm                         | 644 x 283 x 278 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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