

# R5 RA 0063/0100 F

Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**



## 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

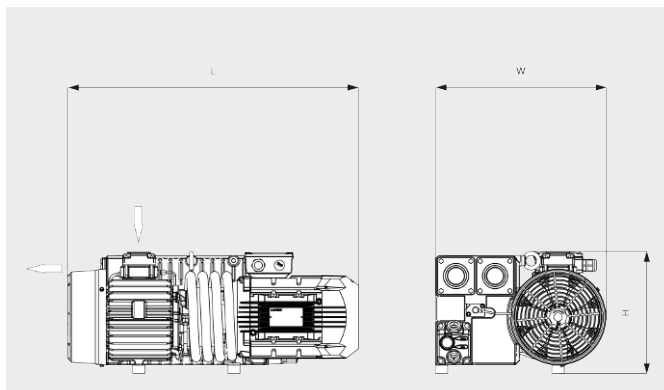
- Gas-ballast valve
- Filter pressure gauge
- Vacuum pump oils for all applications
- Various inlet filters
- Oil level switch
- Vacuum regulating unit

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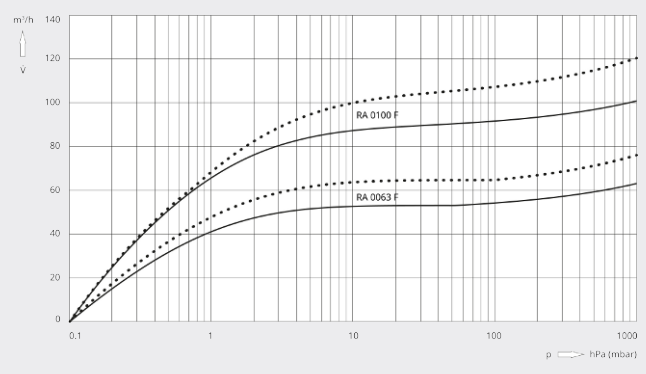
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                              | R5 RA 0063 F                               | R5 RA 0100 F                               |
|----------------------------------------------|--------------------------------------------|--------------------------------------------|
| Nominal pumping speed                        | 63 / 76 m³/h (50 / 60 Hz)                  | 100 / 120 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                         | 2.0 / 2.4 kW (50 / 60 Hz)                  | 2.7 / 3.4 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                | 1.3 / 1.5 kW (50 / 60 Hz)                  | 1.9 / 2.4 kW (50 / 60 Hz)                  |
| Power consumption at ultimate pressure       | 0.7 / 0.8 kW (50 / 60 Hz)                  | 1.2 / 1.5 kW (50 / 60 Hz)                  |
| Sound pressure level (ISO 2151), KpA = 3 dB  | 64 / 67 dB(A) (50 / 60 Hz)                 | 65 / 68 dB(A) (50 / 60 Hz)                 |
| Oil capacity                                 | 2.0 l                                      | 2.0 l                                      |
| Weight approx.                               | 55 kg                                      | 75 kg                                      |
| Dimensions (L x W x H)                       | 633 x 406 x 289 mm                         | 693 x 406 x 288 mm                         |
| Gas inlet / outlet                           | G 1¼" / G 1¼"                              | G 1¼" / G 1¼"                              |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
[info@busch.com.tr](mailto:info@busch.com.tr) or +90 216 912 46 04



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