

# R5 RA 0025/0040 F

Oil-lubricated rotary vane vacuum pumps



Discover all advantages of the product series R5 RA

## 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

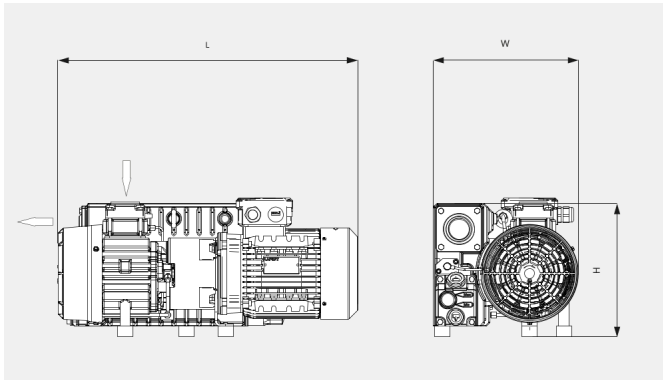
- Gas-ballast valve
- Various inlet filters
- Filter pressure gauge
- Oil level switch
- Vacuum pump oils for all applications
- Vacuum regulating unit

# R5 RA 0025/0040 F

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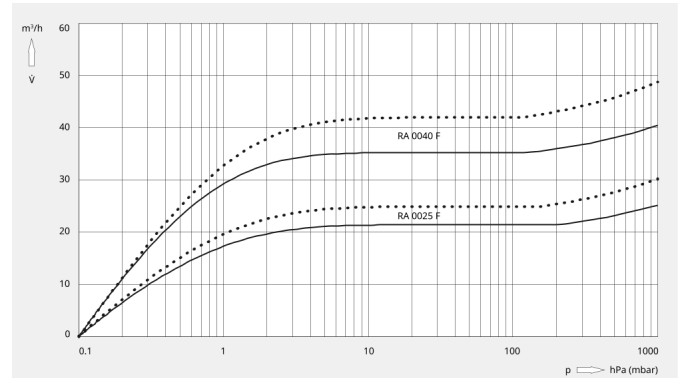


## Dimensional drawing



## Pumping speed

Air at 20 °C. Tolerance: ± 10%



The following technical values refer to ISO 50 Hz

	R5 RA 0025 F	R5 RA 0040 F
Nominal pumping speed	25 m³/h	40 m³/h
Ultimate pressure	0.1 hPa (mbar)	0.1 hPa (mbar)
Nominal motor rating	1.0 kW	1.4 kW
Nominal motor speed	1500 min <sup>-1</sup>	1500 min <sup>-1</sup>
Power consumption at 100 mbar	0.8 kW	1.1 kW
Power consumption at ultimate pressure	0.5 kW	0.6 kW
Noise level (ISO 2151)	60 dB(A)	63 dB(A)
Oil capacity	1 l	1 l
Weight approx.	36 kg	42 kg
Dimensions (L x W x H)	585 x 284 x 263 mm	625 x 284 x 263 mm
Gas outlet	G 1¼"	G 1¼"
Gas inlet	G 1¼"	G 1¼"

The following technical values refer to ISO 60 Hz

	R5 RA 0025 F	R5 RA 0040 F
Nominal pumping speed	30 m³/h	48 m³/h
Ultimate pressure	0.1 hPa (mbar)	0.1 hPa (mbar)

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	R5 RA 0025 F	R5 RA 0040 F
Nominal motor rating	1.2 kW	1.7 kW
Nominal motor speed	1800 min <sup>-1</sup>	1800 min <sup>-1</sup>
Power consumption at 100 mbar	0.9 kW	1.2 kW
Power consumption at ultimate pressure	0.6 kW	0.7 kW
Noise level (ISO 2151)	63 dB(A)	66 dB(A)
Oil capacity	1 l	1 l
Weight approx.	36 kg	42 kg
Dimensions (L x W x H)	585 x 284 x 263 mm	625 x 284 x 263 mm
Gas outlet	G 1¼"	G 1¼"
Gas inlet	G 1¼"	G 1¼"

**DO YOU WANT TO KNOW MORE**

Please contact us!  
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