

R5 RA 0063/0100 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

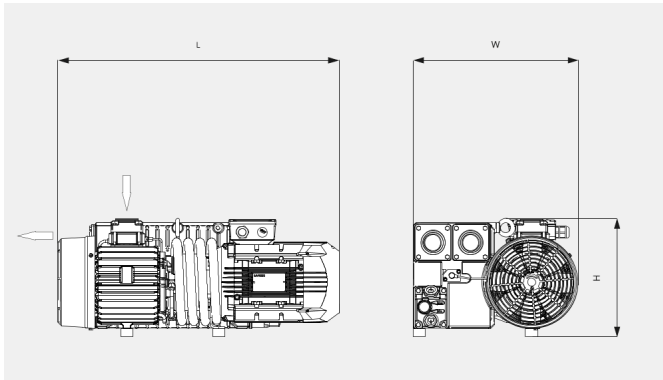
- Gas-ballast valve
- Various inlet filters
- Filter pressure gauge
- Oil level switch
- Vacuum pump oils for all applications
- Vacuum regulating unit

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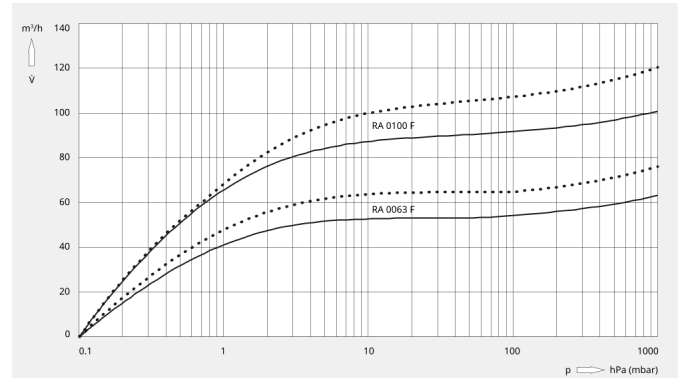


Dimensional drawing



Pumping speed

Air at 20 °C. Tolerance: ± 10%



The following technical values refer to ISO 50 Hz

	R5 RA 0063 F	R5 RA 0100 F
Nominal pumping speed	63 m³/h	100 m³/h
Ultimate pressure	0.1 hPa (mbar)	0.1 hPa (mbar)
Nominal motor rating	2.0 kW	2.7 kW
Nominal motor speed	1500 min ⁻¹	1500 min ⁻¹
Power consumption at 100 mbar	1.3 kW	1.9 kW
Power consumption at ultimate pressure	0.7 kW	1.2 kW
Noise level (ISO 2151)	64 dB(A)	65 dB(A)
Oil capacity	2 l	2 l
Weight approx.	55 kg	73 kg
Dimensions (L x W x H)	627 x 406 x 290 mm	701 x 406 x 290 mm
Gas outlet	G 1¼"	G 1¼"
Gas inlet	G 1¼"	G 1¼"

The following technical values refer to ISO 60 Hz

	R5 RA 0063 F	R5 RA 0100 F
Nominal pumping speed	76 m³/h	120 m³/h
Ultimate pressure	0.1 hPa (mbar)	0.1 hPa (mbar)

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	R5 RA 0063 F	R5 RA 0100 F
Nominal motor rating	2.4 kW	3.4 kW
Nominal motor speed	1800 min ⁻¹	1800 min ⁻¹
Power consumption at 100 mbar	1.5 kW	2.4 kW
Power consumption at ultimate pressure	0.8 kW	1.5 kW
Noise level (ISO 2151)	67 dB(A)	68 dB(A)
Oil capacity	2 l	2 l
Weight approx.	55 kg	73 kg
Dimensions (L x W x H)	627 x 406 x 290 mm	701 x 406 x 290 mm
Gas outlet	G 1¼"	G 1¼"
Gas inlet	G 1¼"	G 1¼"

DO YOU WANT TO KNOW MORE

Please contact us!
sales@busch.co.nz or +64 (0)800 428 724



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