

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

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

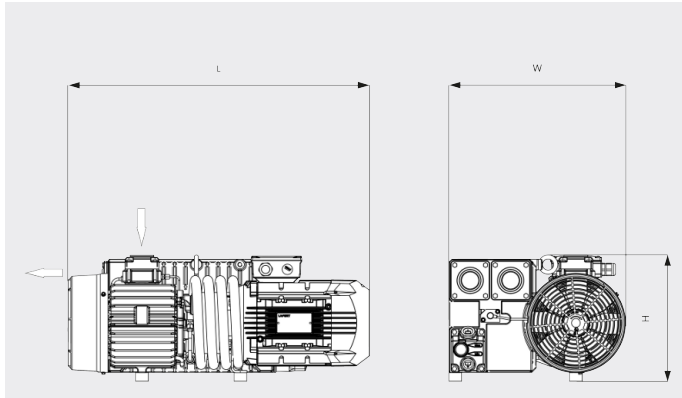
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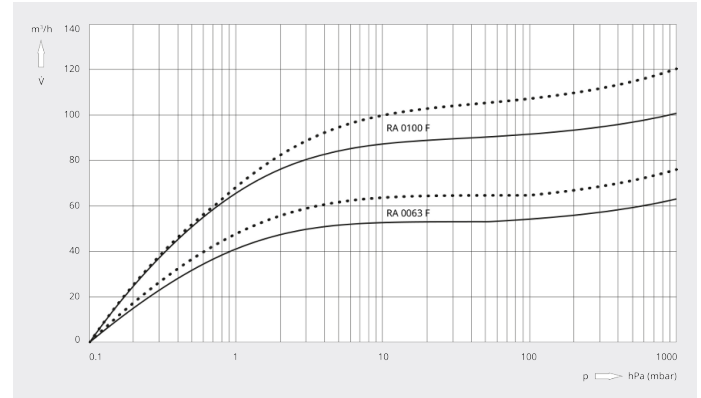
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: ± 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	0.1 hPa (mbar) (50 / 60 Hz)	0.1 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 ⁻¹ (50 / 60 Hz)	1500 / 1800 min ⁻¹ (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)
Noise level (ISO 2151)	64 / 67 dB(A) (50 / 60 Hz)	65 / 68 dB(A) (50 / 60 Hz)
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 inlet / outlet	G 1¼" / G 1¼"	G 1¼" / G 1¼"

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Nominal pumping speed	45 ACFM	71 ACFM
Ultimate pressure	0.075 TORR	0.075 TORR
Nominal motor rating	3 HP	5 HP
Nominal motor speed	1800 RPM	71 RPM
Power consumption at 75 TORR	2 HP	3.2 HP
Power consumption at ultimate pressure	1.1 HP	2.0 HP
Noise level (ISO 2151)	66 dB(A)	68 dB(A)
Oil capacity	2 qts.	2 qts.
Weight approx.	172 Lbs.	198 Lbs.
Dimensions (L x W x H)	27.3 x 18.6 x 12.1 inches	29.3 x 18.6 x 12 inches
Gas inlet / outlet	1¼" NPT / 1¼" NPT	1¼" NPT / 1¼" NPT

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
info@busch.ca or +1 800 363 6360



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