

R5 RA 0063/0100 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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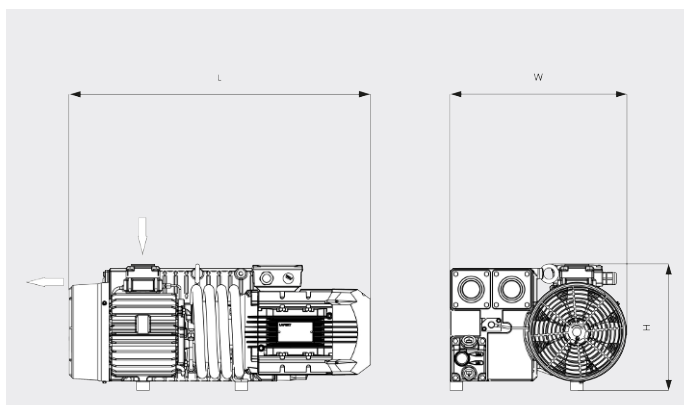
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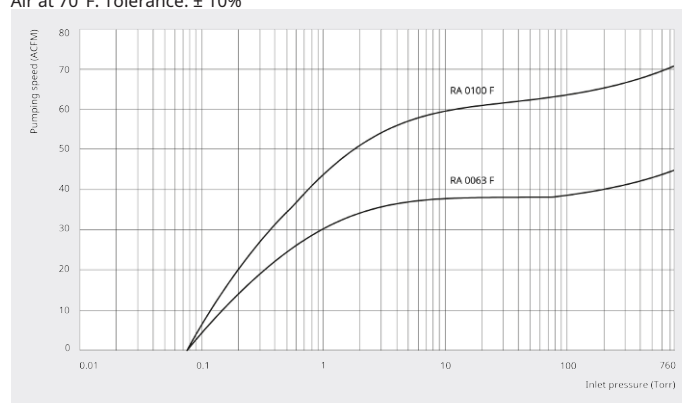
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Dimensional drawing



Pumping speed

Air at 70°F. Tolerance: $\pm 10\%$



	R5 RA 0063 F	R5 RA 0100 F
Nominal pumping speed	44.7 ACFM	70.6 ACFM
Ultimate pressure (Gas-ballast valve closed)	0.075 ... 0.375 Torr	0.075 ... 0.375 Torr
Ultimate pressure (Gas-ballast valve open)	0.375 ... 1.125 Torr	0.375 ... 1.125 Torr
Nominal motor rating	3 hp	5 hp
Nominal motor speed	1800 rpm	70.6 rpm
Power consumption at 75 Torr	2 hp	3.2 hp
Power consumption at ultimate pressure	1.0 hp	2.0 hp
Sound pressure level (ISO 2151), KpA = 3 dB	67 dB(A)	68 dB(A)
Oil capacity	2.1 qts.	2.1 qts.
Weight approx.	125 Lbs.	165 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!

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