

R5 RA/RC 0010/0016 C

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS



Compact

Reduced height and weight, ideal for installations in confined spaces

Reliable

Robust construction, highly durable fiber-reinforced epoxy resin vanes, proven rotary vane technology, long service life

Flexible

Various design options available, easy adaption to individual customer requirements and processes

Accessories

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

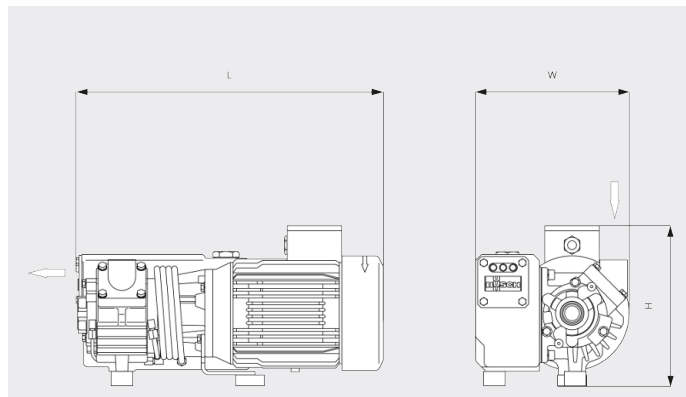
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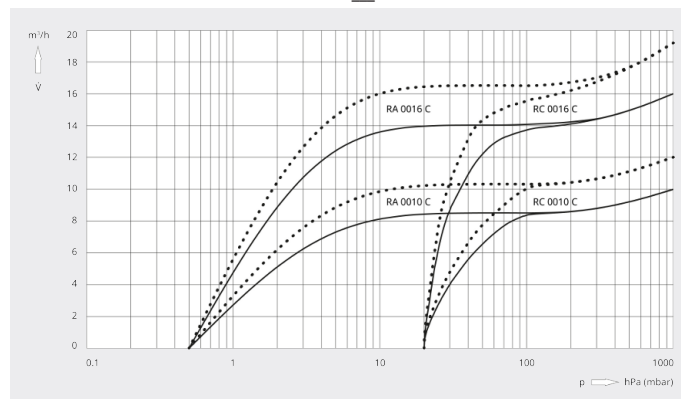
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	R5 RA 0010 C	R5 RC 0010 C	R5 RA 0016 C	R5 RC 0016 C
Nominal pumping speed	10 / 12 m³/h (50 / 60 Hz)	10 / 12 m³/h (50 / 60 Hz)	16 / 19 m³/h (50 / 60 Hz)	16 / 19 m³/h (50 / 60 Hz)
Ultimate pressure	0.5 hPa (mbar) (50 / 60 Hz)	20.0 hPa (mbar) (50 / 60 Hz)	0.5 hPa (mbar) (50 / 60 Hz)	20.0 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	0.45 / 0.45 kW (50 / 60 Hz)	0.45 / 0.45 kW (50 / 60 Hz)	0.55 / 0.7 kW (50 / 60 Hz)	0.55 / 0.7 kW (50 / 60 Hz)
Nominal motor speed	1500 / 1800 min ⁻¹ (50 / 60 Hz)	1500 / 1800 min ⁻¹ (50 / 60 Hz)	1500 / 1800 min ⁻¹ (50 / 60 Hz)	1500 / 1800 min ⁻¹ (50 / 60 Hz)
Noise level (ISO 2151)	53 / 56 dB(A) (50 / 60 Hz)	53 / 56 dB(A) (50 / 60 Hz)	54 / 56 dB(A) (50 / 60 Hz)	54 / 56 dB(A) (50 / 60 Hz)
Oil capacity	0.4 l	0.4 l	0.4 l	0.4 l
Weight approx.	19 kg	19 kg	19 kg	19 kg
Dimensions (L x W x H)	398 x 209 x 211 mm	398 x 209 x 211 mm	422 x 209 x 220 mm	422 x 209 x 220 mm
Gas inlet	G ¾"	G ¾"	G ¾"	G ¾"

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	R5 RA 0010 C	R5 RC 0010 C	R5 RA 0016 C	R5 RC 0016 C
Nominal pumping speed	7.1 ACFM	7.1 ACFM	11.2 ACFM	11.2 ACFM
Ultimate pressure	0.375 TORR	15 TORR	0.375 TORR	15 TORR
Nominal motor rating	0.6 HP	0.6 HP	1 HP	1 HP
Nominal motor speed	1800 RPM	1800 RPM	1800 RPM	1800 RPM
Noise level (ISO 2151)	52 dB(A)	52 dB(A)	55 dB(A)	55 dB(A)
Oil capacity	0.4 qts.	0.4 qts.	0.4 qts.	0.4 qts.
Weight approx.	42 Lbs.	42 Lbs.	42 Lbs.	42 Lbs.
Dimensions (L x W x H)	10.7 x 8.2 x 8.3 inches	10.7 x 8.2 x 8.3 inches	16.6 x 8.2 x 8.7 inches	16.6 x 8.2 x 8.7 inches
Gas inlet	G ¾" NPT	G ¾" NPT	G ¾" NPT	G ¾" NPT

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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