R5 RA 0165–0305 D

Oil-lubricated rotary vane vacuum pumps

Reliable

Robust construction, highly resilient carbon fiber vanes, proven rotary vane technology, long service life

High performance

High pumping speed at low pressures, designed for continuous operation in the rough vacuum range

Flexible

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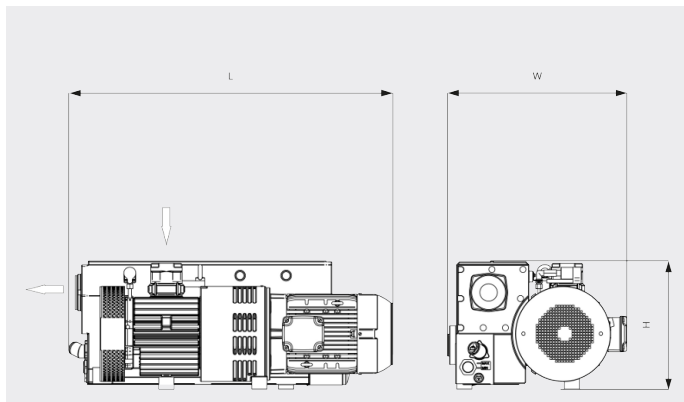
Accessories

- Gas-ballast valve
- Various inlet filters
- Energy recuperation kit with heat exchanger
- Oil level switch
- Temperature sensors
- Filter pressure gauge
- Vacuum pump oils for all applications
- Vacuum regulating unit

R5 RA 0165–0305 D

Oil-lubricated rotary vane vacuum pumps

VACUUM SOLUTIONS

Dimensional drawing

Pumping speed
Air at 70°F. Tolerance: ± 10%
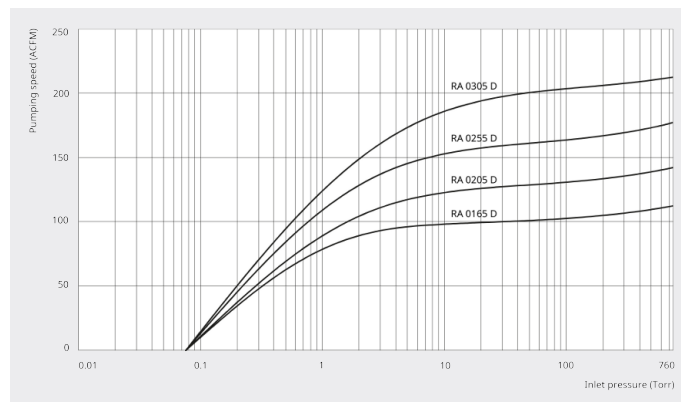
	R5 RA 0165 D	R5 RA 0205 D	R5 RA 0255 D	R5 RA 0305 D
Nominal pumping speed	112 ACFM	141 ACFM	177 ACFM	212 ACFM
Ultimate pressure (gas-ballast valve closed)	0.075 TORR	0.075 TORR	0.075 TORR	0.075 TORR
Ultimate pressure (gas-ballast valve open)	0.375 TORR	0.375 TORR	0.375 TORR	0.375 TORR
Nominal motor rating	7.5 HP	7.5 HP	10 HP	12 HP
Nominal motor speed	1800 RPM	1800 RPM	1800 RPM	1800 RPM
Power consumption at 75 TORR	6.3 HP	7 HP	8.8 HP	9.6 HP
Power consumption at ultimate pressure	3.9 HP	5.4 HP	6.0 HP	6.8 HP
Noise level (ISO 2151)	72 dB(A)	74 dB(A)	74 dB(A)	76 dB(A)
Oil capacity	7.0 qts.	7.0 qts.	7.0 qts.	7.0 qts.
Weight approx.	435 Lbs.	435 Lbs.	520 Lbs.	520 Lbs.
Dimensions (L x W x H)	40 x 23.3 x 16.1 inches	40 x 23.3 x 16.1 inches	43.1 x 23.3 x 16.5 inches	43.1 x 23.3 x 16.5 inches
Gas inlet / outlet	2" NPT / 2" NPT	2" NPT / 2" NPT	2" NPT / 2" NPT	2" NPT / 2" NPT

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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CONTACT FORM

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