

# R5 RA 0165-0305 D ECOTORQUE

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS



## Efficient

High energy savings thanks to the variable speed drive (ECOTORQUE), Ecomode with automatic start and stop function

## High performance

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

## Flexible

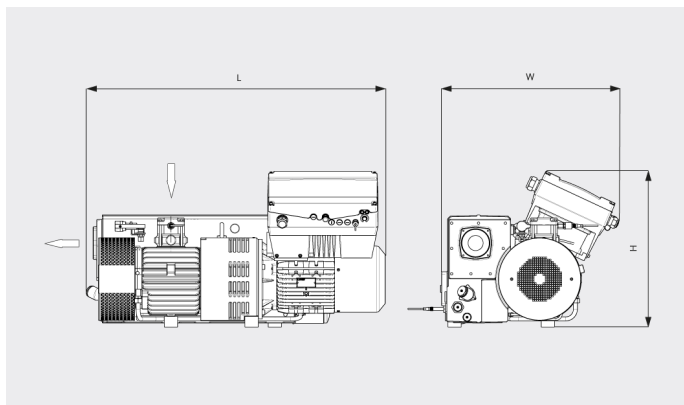
Precise adjustment of vacuum level (pressure control) and pumping speed (speed control) to process requirements, compatible with a wide range of supply voltages, easy control and monitoring of up to eight vacuum pumps with optional ECOTORQUE Master Control

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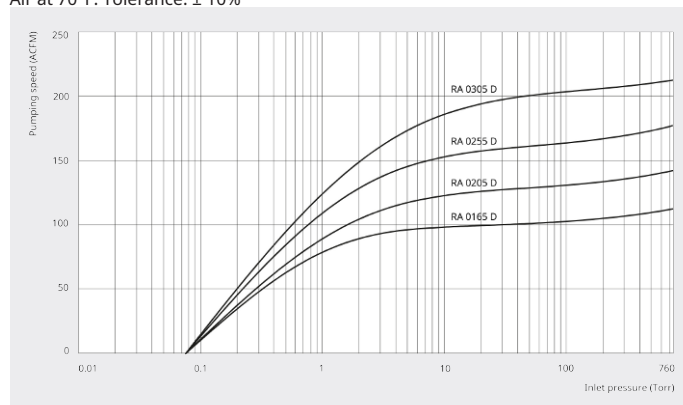


Dimensional drawing



Pumping speed

Air at 70°F. Tolerance:  $\pm 10\%$



	R5 RA 0165 D ECOTORQUE	R5 RA 0205 D ECOTORQUE	R5 RA 0255 D ECOTORQUE	R5 RA 0305 D ECOTORQUE
Nominal pumping speed	76.5 – 111.8 ACFM	94.1 – 141.2 ACFM	117.7 – 176.6 ACFM	141.2 – 211.9 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 speed	1200 – 1800 RPM	1200 – 1800 RPM	1200 – 1800 RPM	1200 – 1800 RPM
Power consumption at ultimate pressure	2.7 – 4.3 HP	2.8 – 4.6 HP	4.4 – 6.4 HP	4.6 – 7.1 HP
Sound pressure level (ISO 2151), KpA = 3 dB	72 dB(A)	74 dB(A)	74 dB(A)	76 dB(A)
Oil capacity	6.9 qts.	6.9 qts.	6.9 qts.	6.9 qts.
Weight approx.	374 Lbs.	374 Lbs.	484 Lbs.	484 Lbs.
Dimensions (L x W x H)	38.3 x 29.8 x 21.5 inches	38.3 x 29.8 x 21.5 inches	43.1 x 31.2 x 23.0 inches	44.3 x 31.3 x 23.0 inches
Gas inlet / outlet	G 2" / G 2"	G 2" / G 2"	G 2" / G 2"	G 2" / G 2"

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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