

R5 RA 0165-0305 D ECOTORQUE

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



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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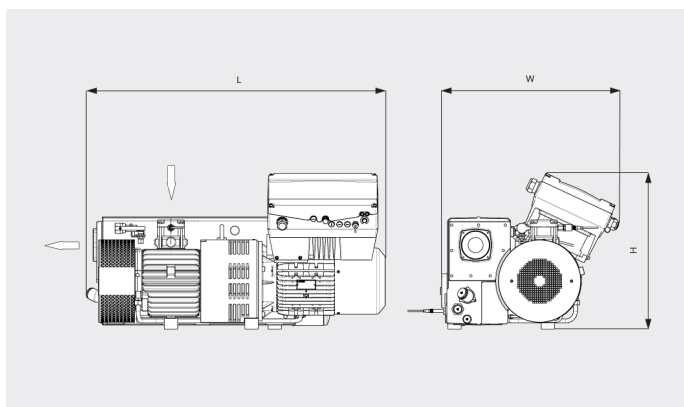
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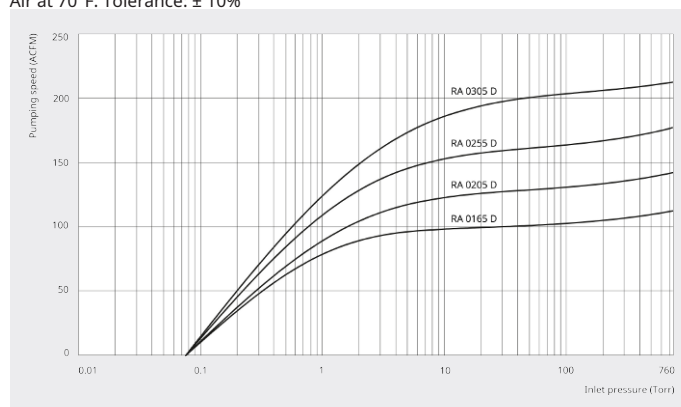
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Dimensional drawing



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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