

R5 RA 0400-0630 C ECOTORQUE

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Efficient

Up to 50% 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

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

Accessories, spare parts and options

- Single or double gas-ballast valve, manual or solenoid operation
- Various inlet filters
- Various temperature and pressure gauges
- Energy recuperation kit with water/oil heat exchanger
- Vacuum pump oils for all applications

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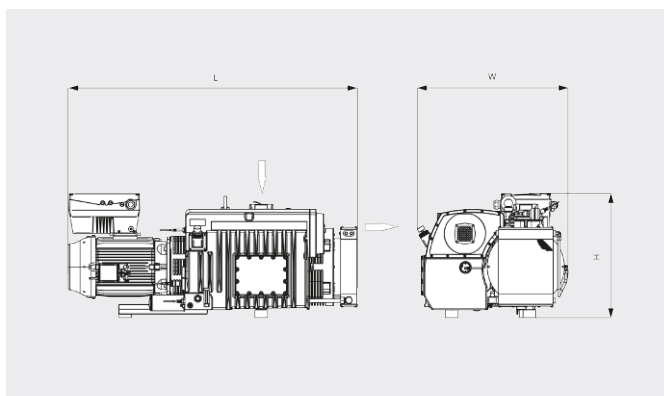
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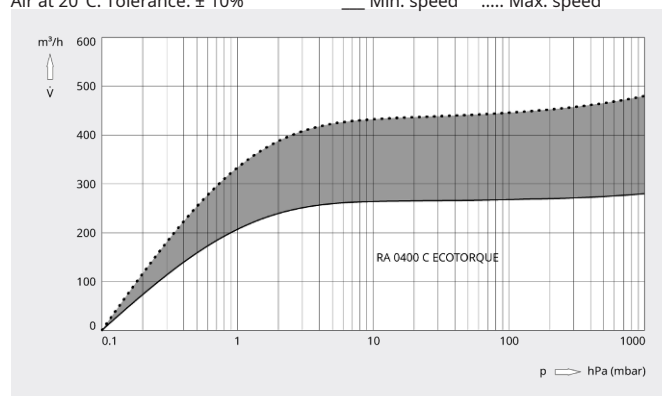
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

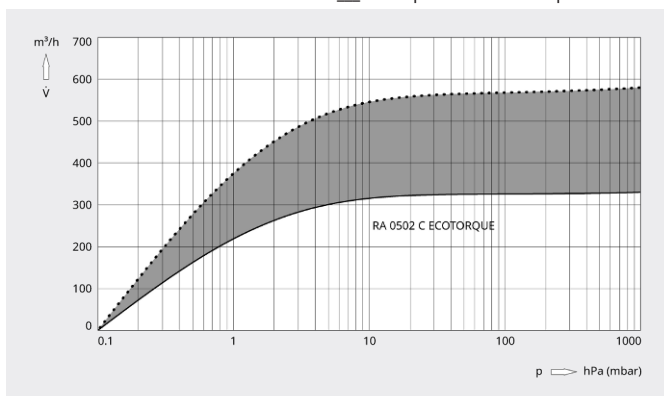
— Min. speed Max. speed



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

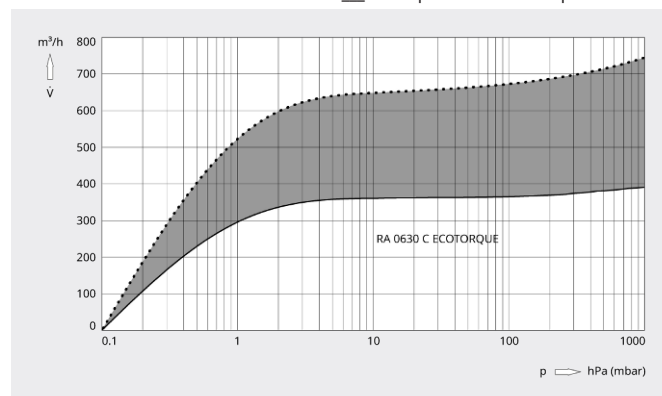
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Pumping speed

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	R5 RA 0400 C ECOTORQUE	R5 RA 0502 C ECOTORQUE	R5 RA 0630 C ECOTORQUE
Nominal pumping speed	280 – 480 m ³ /h	330 – 580 m ³ /h	390 – 745 m ³ /h
Ultimate pressure (Gas-ballast valve closed)	0.1 hPa (mbar)	0.1 hPa (mbar)	0.1 hPa (mbar)
Nominal motor speed	700 – 1200 min ⁻¹	700 – 1200 min ⁻¹	700 – 1200 min ⁻¹
Power consumption at ultimate pressure	3.2 – 5.1 kW	4.0 – 6.4 kW	4.4 – 7.5 kW
Sound pressure level (ISO 2151), KpA = 3 dB	79 dB(A)	79 dB(A)	79 dB(A)
Oil capacity	12 l	12 l	15 l
Weight approx.	465 kg	560 kg	580 kg
Dimensions (L x W x H)	1422 x 902 x 724 mm	1422 x 902 x 724 mm	1681 x 878 x 724 mm
Gas inlet *	G 3"	G 3"	G 3"

*Gas outlet G 3" optional.

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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