

R5 RA 0520 A ECOTORQUE

Oil-lubricated rotary vane vacuum pump



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 pressure ranges, designed for continuous operation in the rough vacuum range, best-in-class footprint performance ratio

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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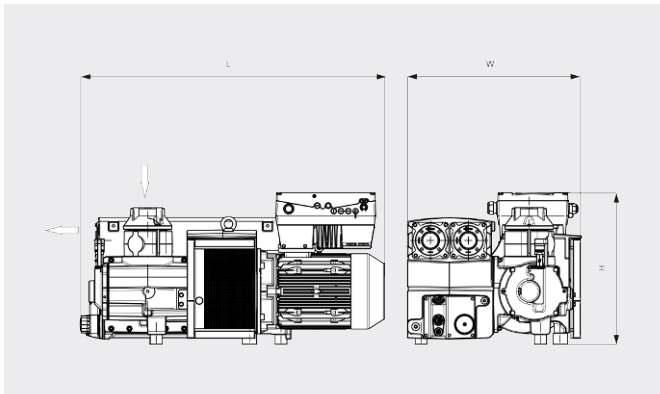
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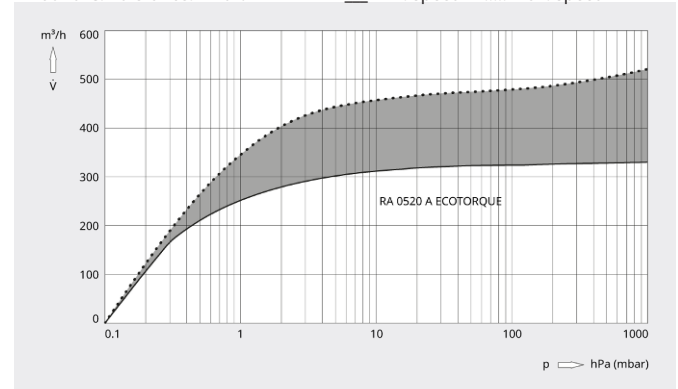
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— Min. speed Max. speed



R5 RA 0520 A ECOTORQUE	
Nominal pumping speed	330 – 520 m³/h
Ultimate pressure (Gas-ballast valve open)	0.5 hPa (mbar) (50 / 60 Hz)
Ultimate pressure (Gas-ballast valve closed)	0.1 hPa (mbar) (50 / 60 Hz)
Nominal motor speed	800 – 1200 min ⁻¹
Power consumption at ultimate pressure	2.6 – 3.9 kW
Sound pressure level (ISO 2151), KpA = 3 dB	67 – 76 dB(A)
Oil capacity	11 l
Weight approx.	441 kg
Dimensions (L x W x H)	1253 x 718 x 626 mm
Gas inlet *	G 3"

*Gas outlet G 3" optional

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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