

R5 RA 0165–0305 D ECOTORQUE

Oil-lubricated rotary vane vacuum pumps



Discover all advantages of
the product series R5 RA
ECOTORQUE

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

Accessories

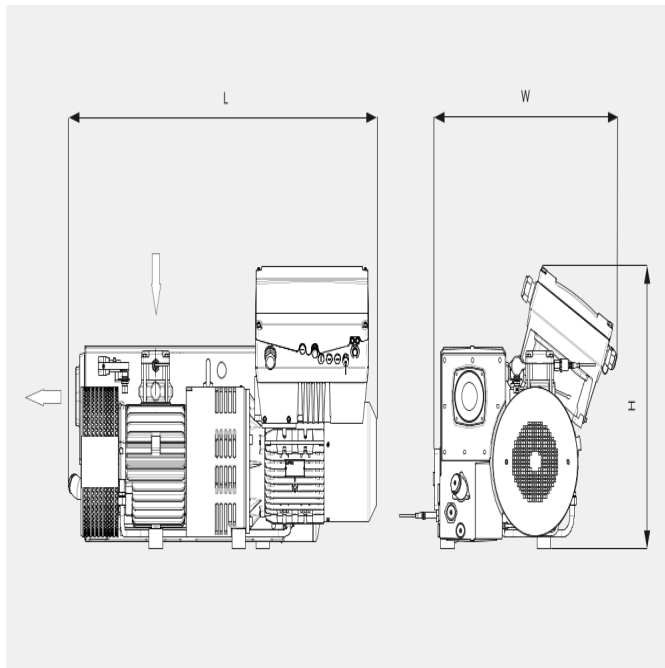
- Gas-ballast valve
- Various inlet filters
- Oil level switch
- Temperature sensors
- Filter pressure gauge
- Vacuum pump oils for all applications
- Energy recuperation kit with heat exchanger

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Dimensional drawing



Pumping speed

Air at 20 °C. Tolerance: ± 10%

The following technical values refer to ISO 50 Hz

	R5 RA 0165 D ECOTORQUE	R5 RA 0205 D ECOTORQUE	R5 RA 0255 D ECOTORQUE	R5 RA 0305 D ECOTORQUE
Nominal pumping speed	130 – 190 m ³ /h	160 – 240 m ³ /h	200 – 300 m ³ /h	240 – 360 m ³ /h
Ultimate pressure (Gas-ballast valve closed)	0.1 hPa (mbar)	0.1 hPa (mbar)	0.1 hPa (mbar)	0.1 hPa (mbar)
Ultimate pressure (Gas-ballast valve open)	0.5 hPa (mbar)	0.5 hPa (mbar)	0.5 hPa (mbar)	0.5 hPa (mbar)
Nominal motor speed	1200 – 1800 min ⁻¹	1200 – 1800 min ⁻¹	1200 – 1800 min ⁻¹	1200 – 1800 min ⁻¹
Ambient temperature	5 ... 40 °C	5 ... 40 °C	5 ... 40 °C	5 ... 40 °C
Power consumption at ultimate pressure	2.0 – 3.2 kW	2.1 – 3.4 kW	3.3 – 4.8 kW	3.4 – 5.3 kW
Sound pressure level at full speed (ISO 2151), KpA = 3 dB	72 dB(A)	74 dB(A)	74 dB(A)	76 dB(A)
Oil capacity	6.5 l	6.5 l	6.5 l	6.5 l
Weight approx.	170 kg	170 kg	220 kg	220 kg

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Dimensions (L x W x H)	972 x 756 x 546 mm	972 x 756 x 546 mm	1096 x 792 x 585 mm	1124 x 794 x 585 mm
Gas inlet	G 2"	G 2"	G 2"	G 2"
Gas outlet	G 2"	G 2"	G 2"	G 2"

The following technical values refer to ISO 60 Hz

	R5 RA 0165 D ECOTORQUE	R5 RA 0205 D ECOTORQUE	R5 RA 0255 D ECOTORQUE	R5 RA 0305 D ECOTORQUE
Nominal pumping speed	130 – 190 m ³ /h	160 – 240 m ³ /h	200 – 300 m ³ /h	240 – 360 m ³ /h
Ultimate pressure (Gas-ballast valve closed)	0.1 hPa (mbar)	0.1 hPa (mbar)	0.1 hPa (mbar)	0.1 hPa (mbar)
Ultimate pressure (Gas-ballast valve open)	0.5 hPa (mbar)	0.5 hPa (mbar)	0.5 hPa (mbar)	0.5 hPa (mbar)
Nominal motor speed	1200 – 1800 min ⁻¹	1200 – 1800 min ⁻¹	1200 – 1800 min ⁻¹	1200 – 1800 min ⁻¹
Ambient temperature	5 ... 40 °C	5 ... 40 °C	5 ... 40 °C	5 ... 40 °C
Power consumption at ultimate pressure	2.0 – 3.2 kW	2.1 – 3.4 kW	3.3 – 4.8 kW	3.4 – 5.3 kW
Sound pressure level at full speed (ISO 2151), KpA = 3 dB	72 dB(A)	74 dB(A)	74 dB(A)	76 dB(A)
Oil capacity	6.5 l	6.5 l	6.5 l	6.5 l
Weight approx.	170 kg	170 kg	220 kg	220 kg
Dimensions (L x W x H)	972 x 756 x 546 mm	972 x 756 x 546 mm	1096 x 792 x 585 mm	1124 x 794 x 585 mm
Gas inlet	G 2"	G 2"	G 2"	G 2"
Gas outlet	G 2"	G 2"	G 2"	G 2"

Do you want to know more

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Contact form



Call us now