

ZEBRA RH 0003-0010 B

Two-stage oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS



Reliable

Specially designed for a wide range of applications in the medium vacuum range, robust construction, proven rotary vane vacuum technology

High performance

Stable pumping speed even in low pressure range

Quiet

Perfectly suited for research labs and low-noise working environments, < 60 dB(A) at 50 Hz

Accessories, spare parts and options

- Inlet filter
- Oil mist separator
- Gas-ballast valve

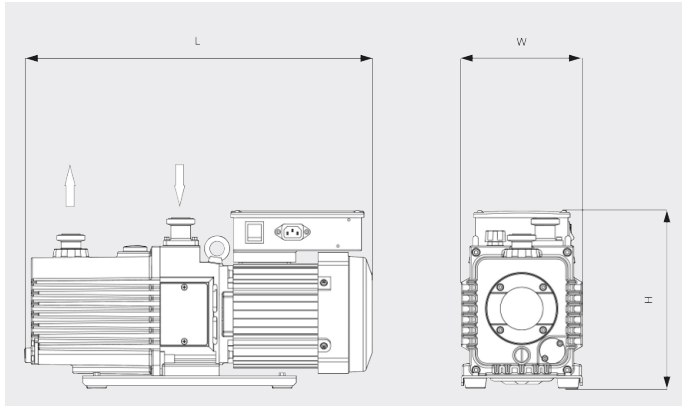
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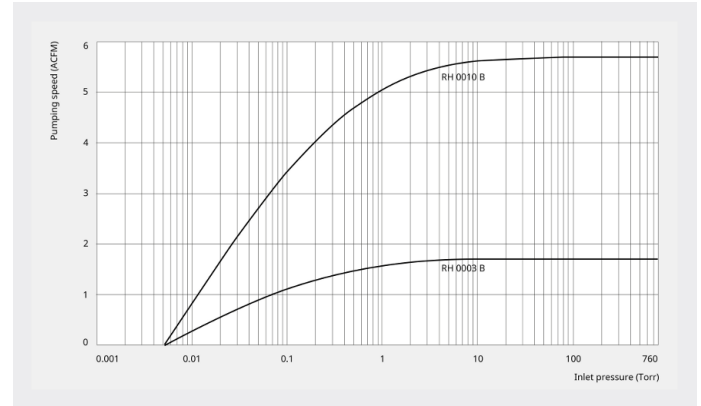
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Dimensional drawing



Pumping speed

Air at 70°F. Tolerance: ± 10%



	ZEBRA RH 0003 B	ZEBRA RH 0010 B	ZEBRA RH 0010 B
Pumping speed	1.7 ACFM	5.7 ACFM	5.7 ACFM
Pumping speed	48 l/min	162 l/min	162 l/min
Ultimate partial pressure (gas-ballast valve closed)	$5.025 \cdot 10^{-4}$ TORR	$5.025 \cdot 10^{-4}$ TORR	$5.025 \cdot 10^{-4}$ TORR
Ultimate total pressure (gas-ballast valve closed)	$5.025 \cdot 10^{-3}$ TORR	$5.025 \cdot 10^{-3}$ TORR	$5.025 \cdot 10^{-3}$ TORR
Ultimate total pressure (gas-ballast valve open)	$5.025 \cdot 10^{-2}$ TORR	$5.025 \cdot 10^{-2}$ TORR	$5.025 \cdot 10^{-2}$ TORR
Max. continuous inlet pressure	75 TORR	75 TORR	75 TORR
Max. back pressure (gauge)	4.4 PSIG	4.4 PSIG	4.4 PSIG
Water vapor capacity (gas-ballast valve open)	5 g/h	38 g/h	38 g/h
Nominal motor rating	0.3 HP	0.5 HP	0.5 HP
Operating voltage	100 – 120 / 200 – 240 V	100 – 120 / 200 – 240 V	200 – 240 / 380 – 460 V
Motor phase	Single-phase	Single-phase	Three-phase

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Ambient temperature	44.6 - 104 °F	44.6 - 104 °F	44.6 - 104 °F
Oil	VSD 026	VMA 055	VMA 055
Oil capacity	0.8 Qts	1.1 Qts	1.1 Qts
Noise level (ISO 2151)	< 53 dB(A)	< 54 dB(A)	< 52 dB(A)
Weight approx.	35.2 Lbs.	63.8 Lbs.	57.2 Lbs.
Dimensions (L x W x H)	16.8 x 5.9 x 9 inches	19.2 x 6.7 x 9.8 inches	19.1 x 6.7 x 9.4 inches
Gas inlet / outlet	ISO-KF 25 / ISO-KF 25	ISO-KF 25 / ISO-KF 25	ISO-KF 25 / ISO-KF 25
Marking	cTUVus	cTUVus	cTUVus
Additional information	<ul style="list-style-type: none">• M/A switch• Prefilled with VSD 026 oil	<ul style="list-style-type: none">• M/A switch• Prefilled with VMA 055 oil	<ul style="list-style-type: none">• Terminal box• Prefilled with VMA 055 oil

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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