

ZEBRA RH 0030-0090 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, only 60 dB(A) at 50 Hz

Accessories

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

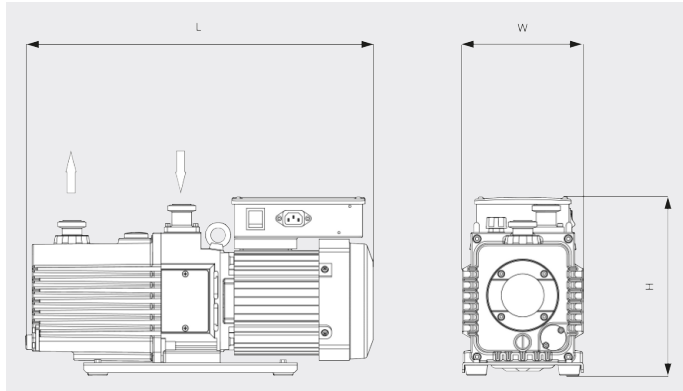
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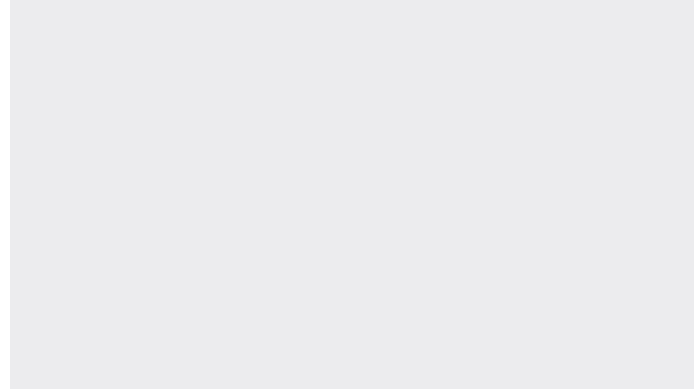
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Dimensional drawing



Pumping speed

Air at 70°F. Tolerance: ± 10%



	ZEBRA RH 0030 B	ZEBRA RH 0040 B	ZEBRA RH 0060 B	ZEBRA RH 0090 B
Pumping speed	17.1 ACFM	23.0 ACFM	38.3 ACFM	55.9 ACFM
Pumping speed	483 l/min	650 l/min	1083 l/min	1583 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	$5.025 \cdot 10^{-4}$ 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	$5.025 \cdot 10^{-3}$ TORR
Ultimate total pressure (gas-ballast valve open)	$1.5 \cdot 10^{-2}$ TORR	$1.5 \cdot 10^{-2}$ TORR	$1.5 \cdot 10^{-2}$ TORR	$1.5 \cdot 10^{-2}$ TORR
Max. continuous inlet pressure	48.75 TORR	48.75 TORR	48.75 TORR	7.5 TORR
Max. back pressure (gauge)	4.4 PSIG	4.4 PSIG	4.4 PSIG	4.4 PSIG
Water vapor capacity (gas-ballast valve open)	250 g/h	410 g/h	1100 g/h	250 g/h
Nominal motor rating	2.0 HP	2.0 HP	3.0 HP	5.0 HP
Operating voltage	200 – 240 / 380 – 460 V	200 – 240 / 380 – 460 V	200 – 240 / 380 – 460 V	200 – 240 / 380 – 460 V
Motor phase	Three-phase	Three-phase	Three-phase	Three-phase

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Ambient temperature	39.2 – 104 °F	39.2 – 104 °F	39.2 – 104 °F	39.2 – 104 °F
Oil	VMA 055	VMA 055	VMA 055	VMA 055
Oil capacity	2.6 Qts	2.6 Qts	4.2 Qts	4.2 Qts
Noise level (ISO 2151)	< 61 dB(A)	< 64 dB(A)	< 64 dB(A)	< 66 dB(A)
Weight approx.	127.6 Lbs.	132 Lbs.	198 Lbs.	248.6 Lbs.
Dimensions (L x W x H)	26.4 x 8.4 x 12.8 inches	27.2 x 8.4 x 12.8 inches	30.4 x 10.4 x 14.7 inches	32.7 x 10.4 x 14.7 inches
Gas inlet / outlet	ISO-KF 40 / ISO-KF 40	ISO-KF 40 / ISO-KF 40	ISO-KF 40 / ISO-KF 40	ISO-K 63 / ISO-KF 40
Marking	cTUVus	cTUVus	cTUVus	cTUVus
Additional information	<ul style="list-style-type: none"> • Terminal box • Prefilled with VMA 055 oil 	<ul style="list-style-type: none"> • Terminal box • Prefilled with VMA 055 oil 	<ul style="list-style-type: none"> • Terminal box • Prefilled with VMA 055 oil 	<ul style="list-style-type: none"> • Terminal box • Prefilled with VMA 055 oil • Vacuum pump not intended for continuous operation at pressures > 10 mbar abs.

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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