

# MINK MM 1104-1142 BV

Dry claw vacuum pumps



VACUUM SOLUTIONS



## Efficient

Substantial energy savings compared to conventional vacuum generators, minimized operating costs

## Nearly maintenance-free

Dry and contact-free operation

## Robust

Proven design, more than 200.000 vacuum pumps in operation

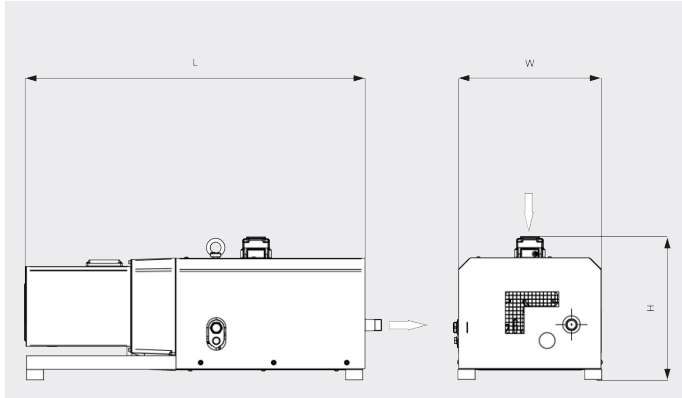
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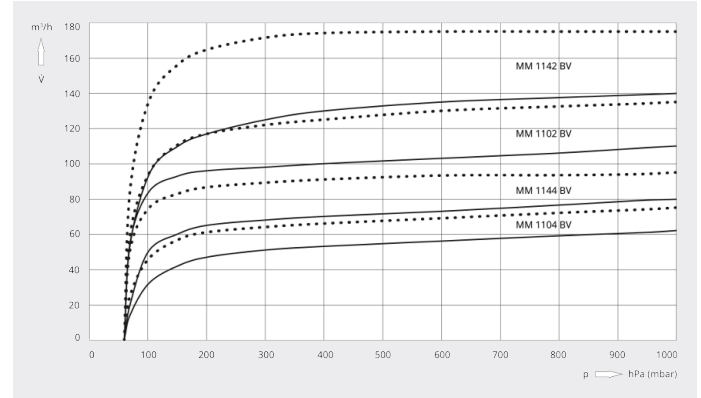
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: ± 10%

— 50 Hz ..... 60 Hz



	MINK MM 1104 BV	MINK MM 1144 BV	MINK MM 1102 BV	MINK MM 1142 BV
<b>Nominal pumping speed</b>	62 / 75 m³/h (50 / 60 Hz)	80 / 95 m³/h (50 / 60 Hz)	110 / 135 m³/h (50 / 60 Hz)	140 / 175 m³/h (50 / 60 Hz)
<b>Ultimate pressure</b>	60 hPa (mbar) (50 / 60 Hz)	60 hPa (mbar) (50 / 60 Hz)	60 hPa (mbar) (50 / 60 Hz)	60 hPa (mbar) (50 / 60 Hz)
<b>Nominal motor rating</b>	1.3 kW (50 Hz) 1.5 / 1.7 kW (50 / 60 Hz)	1.8 kW (50 Hz) 2.2 / 2.4 kW (50 / 60 Hz)	2.8 kW (50 Hz) 3.0 / 3.4 kW (50 / 60 Hz)	3.5 / 4.8 kW (50 / 60 Hz)
<b>Nominal motor speed</b>	1500 / 1800 min <sup>-1</sup> (50 / 60 Hz)	1500 / 1800 min <sup>-1</sup> (50 / 60 Hz)	3000 / 3600 min <sup>-1</sup> (50 / 60 Hz)	3000 / 3600 min <sup>-1</sup> (50 / 60 Hz)
<b>Noise level (ISO 2151)</b>	66 / 70 dB(A) (50 / 60 Hz)	66 / 70 dB(A) (50 / 60 Hz)	75 / 79 dB(A) (50 / 60 Hz)	75 / 79 dB(A) (50 / 60 Hz)
<b>Weight approx.</b>	180 kg (50 / 60 Hz)	185 kg (50 / 60 Hz)	180 kg (50 / 60 Hz)	185 / 195 kg (50 / 60 Hz)
<b>Dimensions (L x W x H)</b>	970 x 430 x 410 mm (50 / 60 Hz)	970 x 430 x 410 mm (50 / 60 Hz)	1010 x 430 x 410 mm (50 / 60 Hz)	1030 x 430 x 410 / 1050 x 430 x 410 mm (50 / 60 Hz)
<b>Gas inlet / outlet</b>	G 1¼" / G 1"	G 1¼" / G 1"	G 1¼" / R 1"	G 1¼" / R 1"

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	MINK MM 1104 BV	MINK MM 1144 BV	MINK MM 1102 BV	MINK MM 1142 BV
Nominal pumping speed	44 ACFM	57 ACFM	79 ACFM	103 ACFM
Ultimate pressure	45 TORR	45 TORR	45 TORR	45 TORR
Nominal motor rating	2 HP	3 HP	4 HP	5 HP
Nominal motor speed	1800 RPM	1800 RPM	3600 RPM	3600 RPM
Noise level (ISO 2151)	70 dB(A)	70 dB(A)	79 dB(A)	79 dB(A)
Weight approx.	439 Lbs.	448 Lbs.	443 Lbs.	449 Lbs.
Dimensions (L x W x H)	39.5 x 17 x 16.1 inches	42.8 x 17.8 x 16.1 inches	42.4 x 17.8 x 16.1 inches	42.9 x 17.8 x 16.1 inches
Gas inlet / outlet	1 ¼" / 1" NPT	1 ¼" / 1" NPT	1 ¼" / 1" NPT	1 ¼" / 1" NPT

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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