

MINK MM 1104-1142 BV

Dry claw vacuum pumps



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

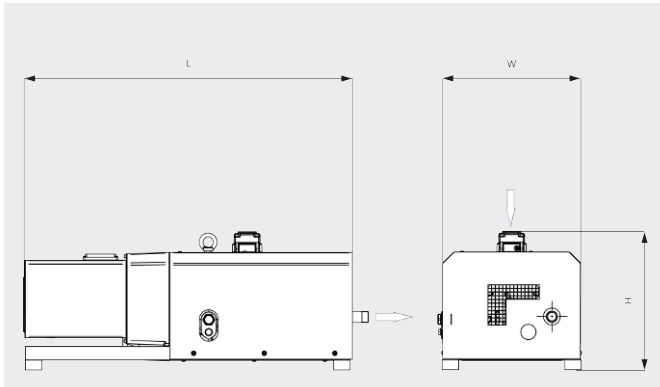
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VACUUM SOLUTIONS

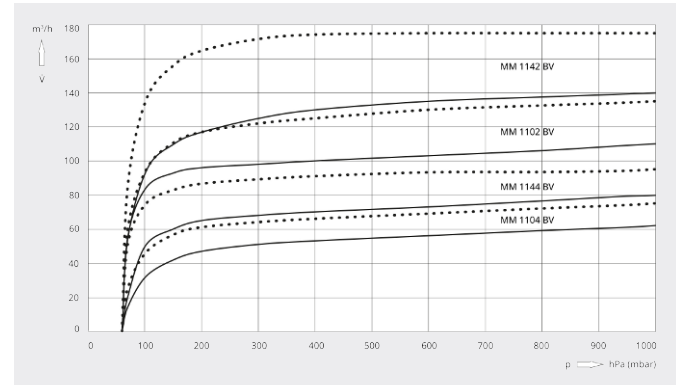
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	MINK MM 1104 BV	MINK MM 1144 BV	MINK MM 1102 BV	MINK MM 1142 BV
Nominal pumping speed	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)
Ultimate pressure	60 hPa (mbar) (50 / 60 Hz)	60 hPa (mbar) (50 / 60 Hz)	60 hPa (mbar) (50 / 60 Hz)	60 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	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)
Nominal motor speed	1500 / 1800 min ⁻¹ (50 / 60 Hz)	1500 / 1800 min ⁻¹ (50 / 60 Hz)	3000 / 3600 min ⁻¹ (50 / 60 Hz)	3000 / 3600 min ⁻¹ (50 / 60 Hz)
Noise level (ISO 2151)	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)
Weight approx.	180 kg (50 / 60 Hz)	185 kg (50 / 60 Hz)	180 kg (50 / 60 Hz)	185 / 195 kg (50 / 60 Hz)
Dimensions (L x W x H)	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)
Gas inlet / outlet	G 1¼" / G 1"	G 1¼" / G 1"	G 1¼" / R 1"	G 1¼" / R 1"

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