

# MINK MM 1104-1142 BV

Dry claw vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## 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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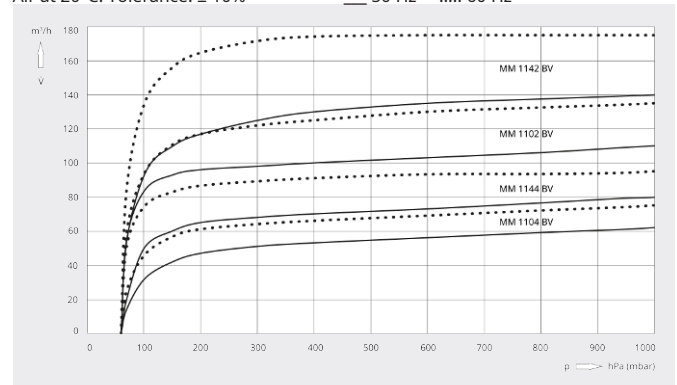
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 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                                          | 1.5 / 1.7 kW (50 / 60 Hz)                  | 2.2 / 2.4 kW (50 / 60 Hz)                  | 3.0 / 3.4 kW (50 / 60 Hz)                  | 3.5 / 4.8 kW (50 / 60 Hz)                           |
| Nominal motor speed                                           | 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)          |
| Sound pressure level (ISO 3744), 1 m distance, at medium load | 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"                                        |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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