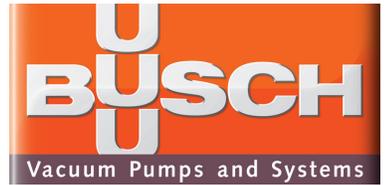


# Mink

## Claw Vacuum Pump MV 1202 A



The Mink MV 1202 A is the largest dry claw vacuum pump in the proven Mink series from Busch.

Mink claw vacuum technology by Busch offers consistent performance with the highest level of energy efficiency for industrial vacuum generation, combined with the lowest level of maintenance. The MV 1202 A now offers these advantages to applications requiring higher pumping speeds.

The sophisticated claw vacuum technology of Mink vacuum pumps allows for the consumption of less energy, while maintaining consistently high performance as compared to traditional vacuum pumps.

Additionally, claw vacuum technology is virtually maintenance free due to its non-contacting design. As a result, wear in the pumping chamber is completely eliminated. This means that regular maintenance needed for other vacuum technologies such as inspection and replacement of worn parts, is not necessary for Mink vacuum pumps.

Since operating fluids are not needed in the pumping chamber for these dry compression, air-cooled pumps, there are no additional costs for purchase, provision or disposal of oil.

The non-contacting, dry compression operation of Mink claw vacuum pumps allow for high operational reliability and long life cycles. Without wear in the pumping chamber, vacuum and suction performance remains consistently high throughout the life cycle of the pump. Additionally, a smart silencer design enables quiet operation.



**Mink MV 1202 A – the largest industrial claw vacuum pump from the market leader.**



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## Claw Vacuum Pump MV 1202 A



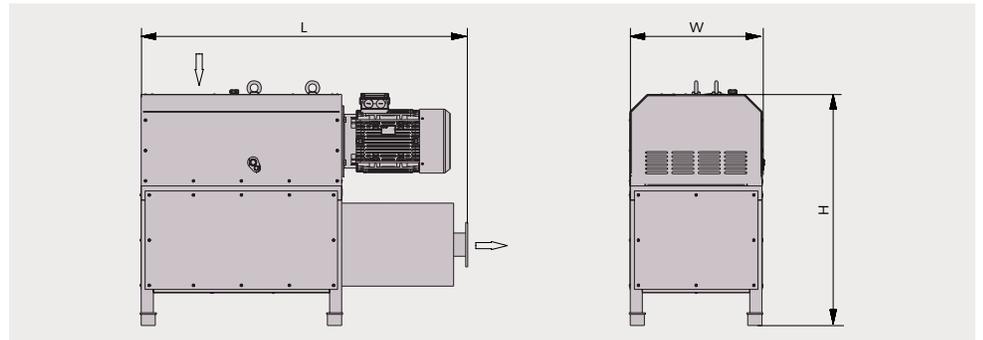
### Technical specifications

With Mink vacuum pumps, two claw-shaped rotors turn in opposite directions inside the housing. Due to the shape of these claw rotors, the air or gas is sucked in, compressed and discharged. The claw rotors do not come into contact with each other or with the cylinder in which they are rotating. Tight clearances between the claw rotors and the housing optimize the internal seal and provide a consistently high pumping speed. A synchronization gearbox ensures exact synchronization of the claw rotors. Mink vacuum pumps are driven by a directly flange-mounted motor. Mink claw vacuum pumps are ideally suited to use with frequency-controlled drives.

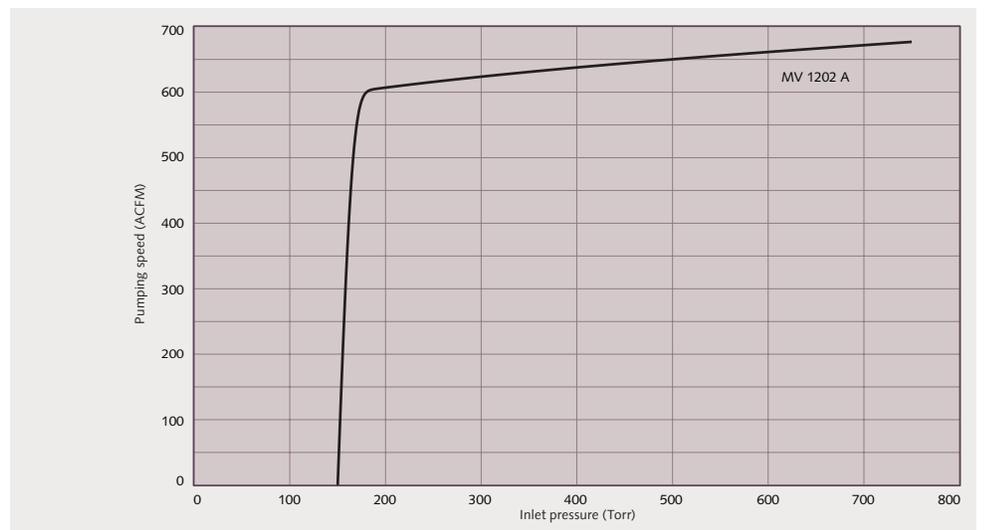
### Industrial vacuum generation for many applications

Mink claw vacuum pumps are available in a wide range of sizes to meet the needs of a variety of applications. Contact a knowledgeable Busch application specialist for additional information.

### Mink MV 1202 A



### Pumping speed Air at 70 °F. Tolerance: ± 10%



Technical Data		MV 1202 A
Nominal pumping speed	ACFM	677
Ultimate pressure	Torr	150
Nominal motor rating	kW (HP)	22.0 (29.5)
Nominal motor speed	RPM	3600
Sound level (ISO 2151) *	dB(A)	82
Approximate weight	Lbs.	1654
Dimensions (L x W x H)	inches	63 <sup>13</sup> / <sub>16</sub> x 26 <sup>3</sup> / <sub>8</sub> x 47 <sup>5</sup> / <sub>8</sub>
Gas inlet / outlet		DN 100, PN 10/16 / DN 100, PN 10/16

\* at 400 hPa (mbar) inlet pressure

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Technical data is subject to change. Created in Germany 04/O