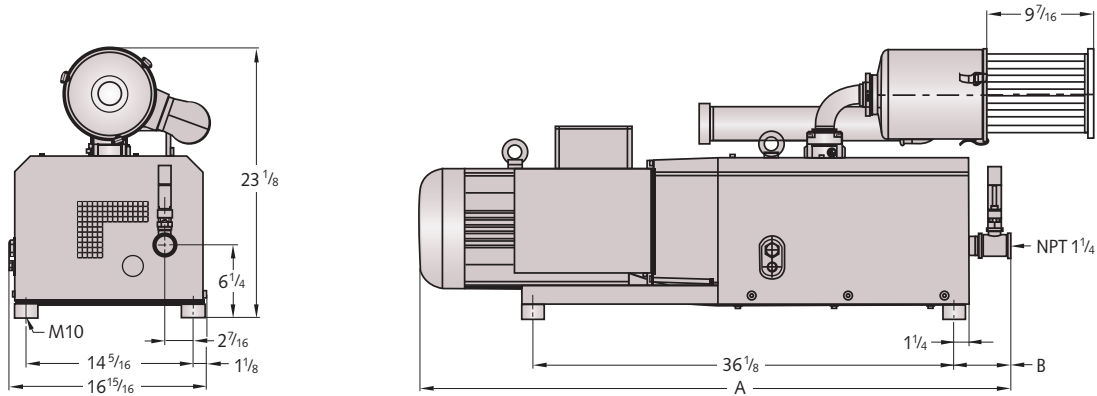
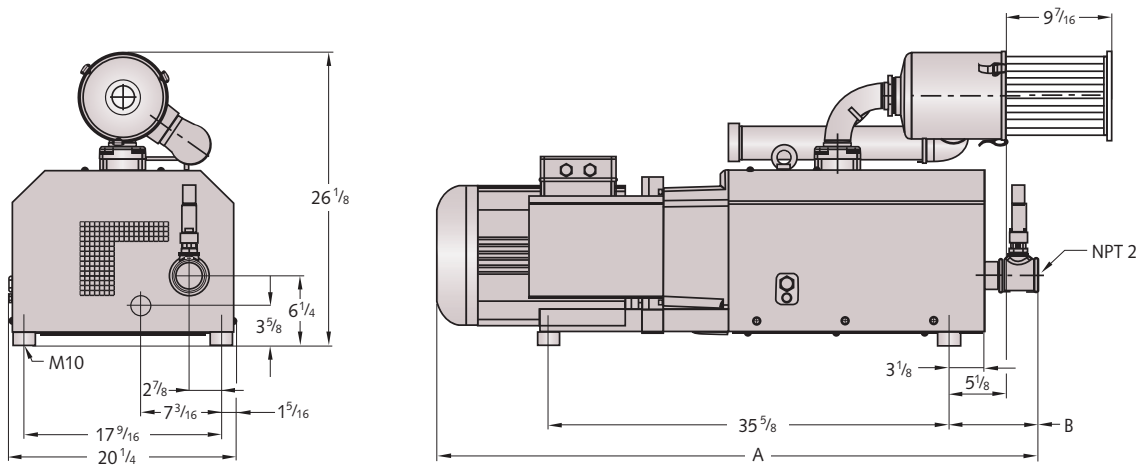




Dimensions

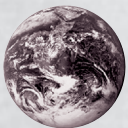


Dimensions	MM 1104 BP	MM 1144 BP	MM 1102 BP	MM 1142 BP
A	42 1/2	46 7/16	46 1/4	47 7/16
B	4 3/16	4 13/16	4 3/16	4 13/16



Dimensions	MM 1202 AP	MM 1252 AP	MM 1322 AP
A	49 13/16	54 5/16	56 1/2
B	7 1/2	7 7/8	8 7/16

All dimensions in inches unless otherwise noted.



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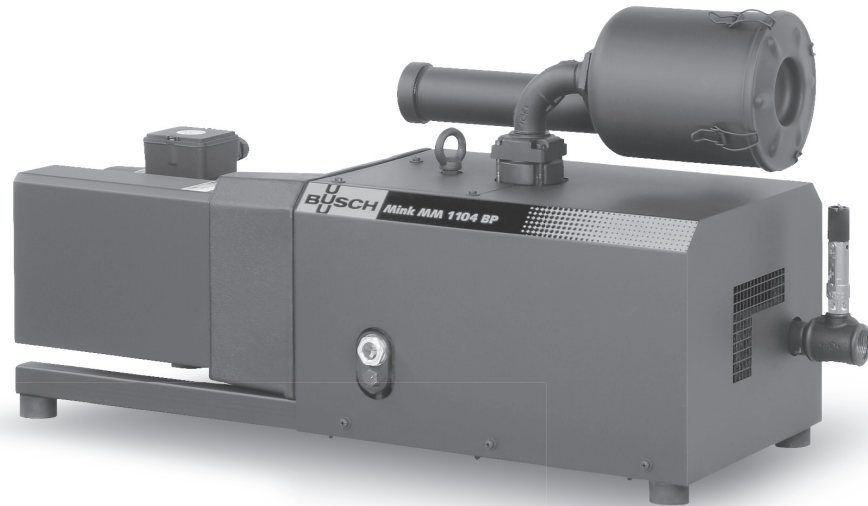
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Models and specifications are subject to change without notice

Mink APBP 09/12

**Mink MM 1104 - 1142 BP**  
**Mink MM 1202 - 1322 AP**



MM 1104 BP

**Description**

The Busch MM series positive displacement pressure pumps feature a compact rotary claw design that is air-cooled, dry-running and non-contacting.

These features, along with quality construction, result in a pump that offers extremely high reliability and a long service life.

**Features**

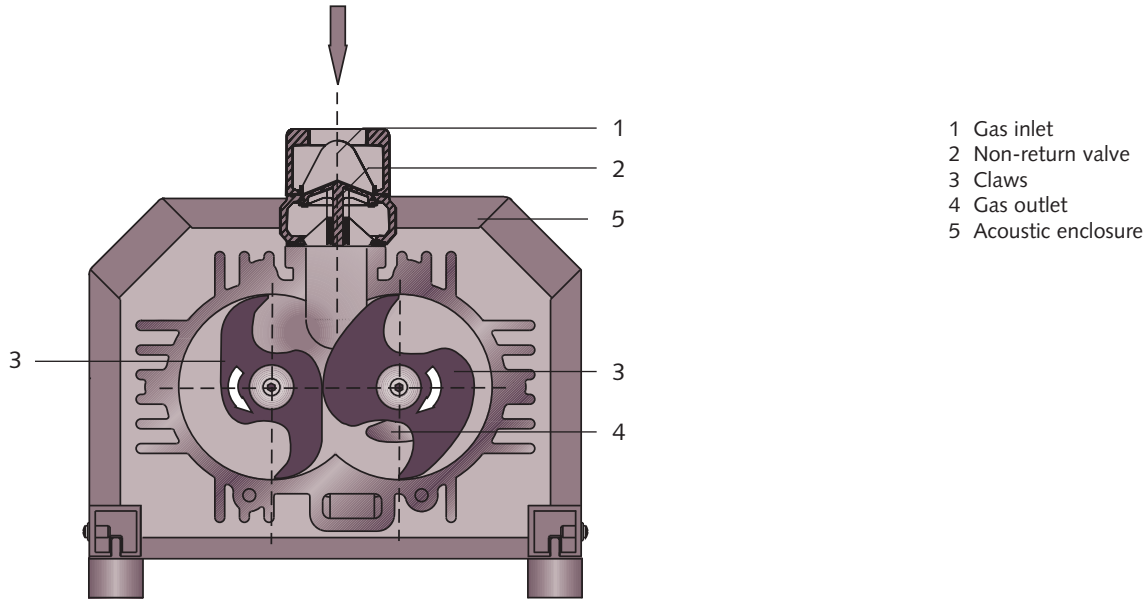
- Non-contacting design, eliminates internal wear and parts to replace
- Air-cooled, requiring no water
- Dry-running, no sealing or lubricating oil is needed in the pumping chamber
- Minimal maintenance
- Economical, reduced power requirements
- High volumetric efficiency

**Standard Equipment**

- Acoustic enclosure
- Base frame
- Vibration isolators
- TEFC motor
- Oil sight glass
- Inlet screen
- Anti-suck-back valve on inlet
- Pressure relief valve
- Inlet filter/silencer
- Threaded NPT outlet connection

# Dry rotary claw pressure pumps

## Operating Principle



## Operating Principle

Inside the pump housing, two claw-shaped rotors take in air as they rotate in opposite directions. The air is compressed by the rotors, then discharged through a silencer to atmosphere.

The non-return valve incorporated into the inlet flange prevents air from back flowing through the pump when the pump is turned off.

Mink MM rotary claw pressure pumps are directly driven by a flanged motor, and the two rotors are synchronized by gears.

A wide range of accessories allows optimum adaptation to many applications.

## Accessories

- Control valves
- Gauges
- Switches and transmitters
- Motor starters
- Variable speed drives

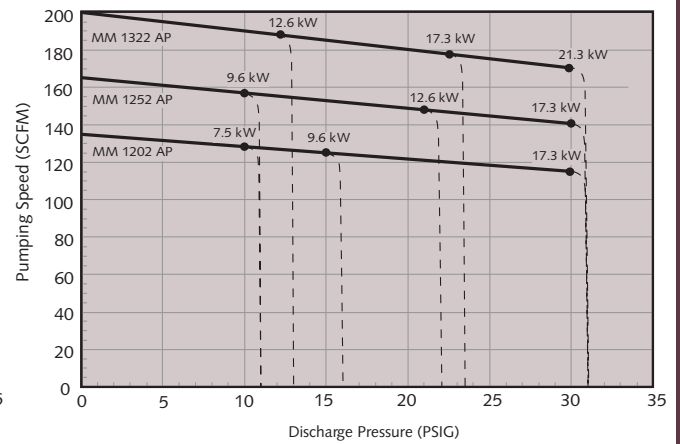
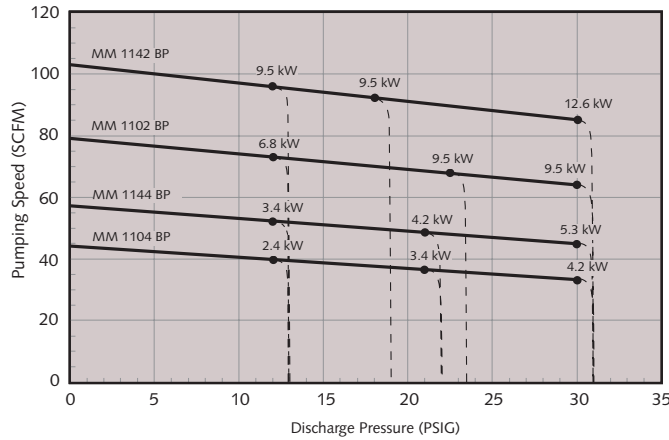
## Applications

- Pneumatic conveying
- Printing
- Environmental
- Food technology
- Aeration of settling tanks
- Pond aeration
- Flare-gas compression
- Beverage



Technical Data

Pumping Speed vs. Discharge Pressure



Dashed lines represent pump performance for motor chosen.

Technical Data	Nominal pumping speed SCFM	Motor Size kW (Hp)	Maximum pressure PSIG	Relief valve cracking pressure PSIG	Nominal motor speed RPM	Sound rating dBA	Weight approx. Lbs
1104 BP	44	2.4 (3.2)	13.0	12	1800	73	441
	44	3.4 (4.6)	22.0	21	1800	73	452
	44	4.2 (5.6)	31.0	30	1800	73	452
1144 BP	57	3.4 (4.6)	13.0	12	1800	73	452
	57	4.2 (5.6)	22.0	21	1800	73	452
	57	5.3 (7.1)	31.0	30	1800	73	496
1102 BP	79	6.8 (9.1)	13.0	12	3600	81	425
	79	9.5 (12.7)	23.5	22.5	3600	81	463
	79	9.5 (12.7)	31.0	30	3600	81	529
1142 BP	103	9.5 (12.7)	13.0	12	3600	81	448
	103	9.5 (12.7)	19.0	18	3600	81	518
	103	12.6 (16.9)	31.0	30	3600	81	540
1202 AP	135	7.5 (10)	11.0	10	3600	82	519
	135	9.5 (12.7)	16.0	15	3600	82	519
	135	17.3 (23.2)	16.0	15	3600	82	519
1252 AP	165	9.6 (12.9)	11.0	10	3600	83	528
	165	12.6 (16.9)	22.0	21	3600	83	650
	165	17.3 (23.2)	31.0	30	3600	83	683
1322 AP	200	12.6 (16.9)	13.0	12	3600	85	683
	200	17.3 (23.2)	23.5	22.5	3600	85	750
	200	21.3 (28.6)	31.0	30	3600	85	739