

120MC Motor-Operated Deadlatch

SteelCell LOCKS
ENGINEERED LOCKING SYSTEMS

ELECTRO-MECHANICAL LOCKS

- Jamb Mounted For Swing Doors
- Key: Mogul
- Security: Med/Max



Assa Key



Mogul Assa Cylinder



Standard Strike Plate

Passed ASTM F1577 Standard

APPLICATIONS

The 120MC is a motor operated pin tumbler lock designed for a variety of swing door applications such as inmate rooms, housing and dayroom perimeter doors, corridors and exterior doors.

OPERATION DETAILS

The 120MC deadlatch is a motor operated lock. When the door is in a locked closed condition, the latchbolt is deadlocked preventing the latchbolt from being retracted. Once the motor is energized, the deadlatch is lifted and the latchbolt is allowed to retract, unlocking the lock.

The motor is equipped with a motor switch that allows for a half cycle operation. The half cycle (MC) operation uses a two position switch. The 1st switch position rotates the

motor half way and unlocks the lock.

The lock will remain unlocked until the 2nd switch position rotates the lock and returns to a locked condition with the latch projected, once the door is closed.

Half cycle uses "Non-Holdback", which holds the bolt back only during the half cycle position.

The deadlock indicator switch provides monitoring of the deadlocked condition as well as the full projection of the latchbolt.

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Formerly approved as Midwest Portland

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Standard Features

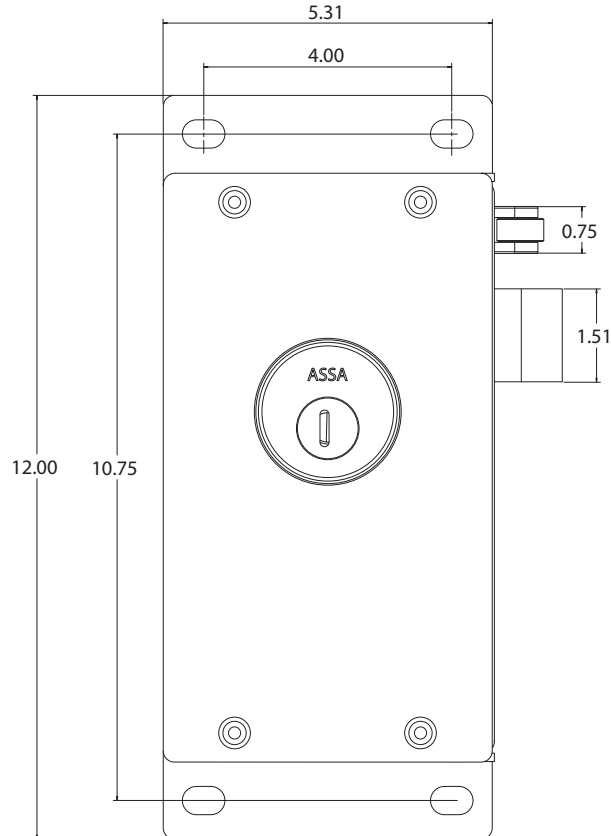
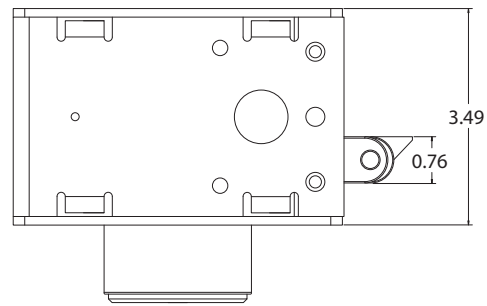
- 120 VAC or 24 VDC Motor
- 1" Throw Latchbolt
- Non-Holdback Half Cycle
- Deadlock Indicator Switch
- Heavy Duty Construction
- Corrosive Resistant Parts
- External Mounting Holes
- Manual Key Release
- Easy Wiring Field Plug
- Investment Cast Strike Plate
- Field Plug Connector

Component Specifications

- Motor - 120 VAC 60 Hz or 24 VDC
- Reinforced Backplate - 1/2" Steel
- Perimeter Bolt Guides
- 10 Gauge Steel - Zinc Plated Case & Cover
- Latchbolt - Two Hardened Pin Inserts
- Rollerbolt - Stainless Steel Roller
- Strike - Investment Cast Stainless Steel
- Deadlock Lever - Investment Cast Stainless Steel
- Operating Lever - Zinc Plated Steel
- Springs - Stainless Steel

Keying

(See Handing Chart Guide)



THIS ILLUSTRATION IS FOR INFORMATIONAL USE ONLY. DO NOT USE FOR CONSTRUCTION.

Optional Features

Knob Release (Optional) - Opposite side of cylinder provides retraction of latchbolt at any time.

Local Electric Key (Optional) - Inmate key operates lock electrically. Master key operates electrically and mechanically. May be disabled from a remote control panel.

Cylinder Extension (Optional) - Available in 3", 5" or custom length.