

120E Solenoid-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 120E is a solenoid 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 120E deadlatch is a solenoid operated lock. When the door is in a locked closed condition, the latchbolt is deadlocked preventing the latchbolt from being retracted. Once the solenoid is energized, the deadlatch is lifted and the latchbolt is allowed to retract, unlocking the lock. The deadlock indicator switch provides monitoring of the deadlocked condition as well as the full projection of the latchbolt.

When ordering, the lock needs to be specified as having "Mechanical Holdback", which allows the bolt to be retracted until the door opens, or specified as "Non-Holdback", which only holds the latchbolt back as long as the solenoid is energized. The lock may be unlocked for an extended period of time by use of a maintained-contact switch.

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Formerly approved as Midwest Portland

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Standard Features

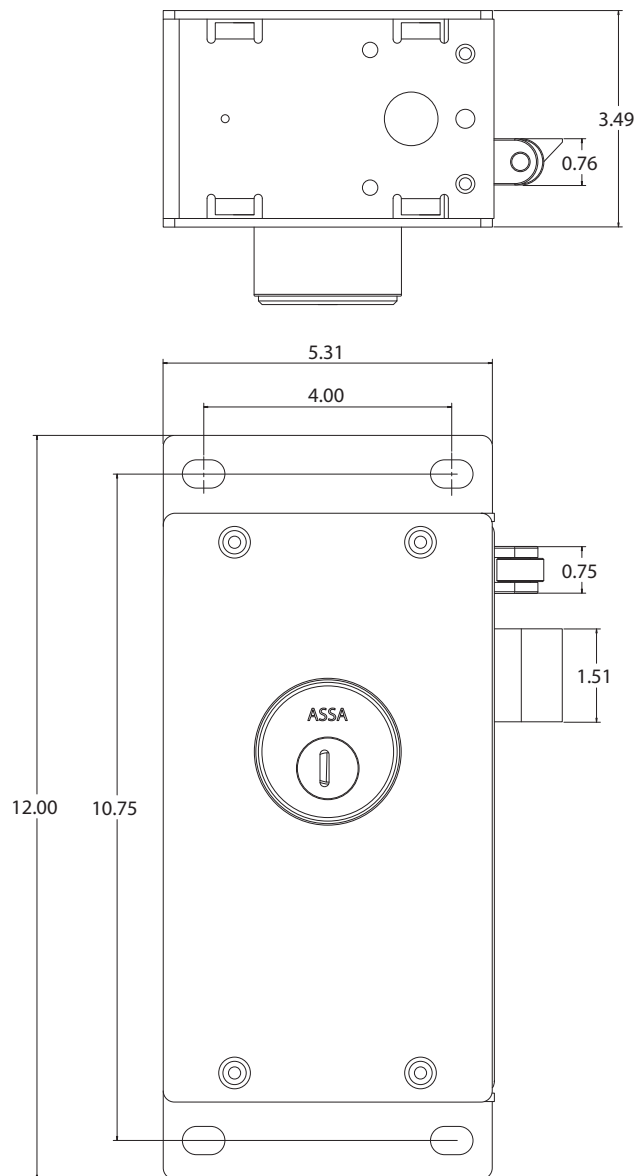
- 120 VAC Solenoid
- 1" Throw Latchbolt
- Mechanical Holdback
- Deadlock Indicator Switch
- Heavy Duty Construction
- Corrosive Resistant Parts
- External Mounting Holes
- Manual Key Release
- Easy Wiring Field Plug
- Investment Cast Strike Plate
- Field Plug Connector
- Mounting Screws Included

Component Specifications

- Solenoid - 120 VAC 60 Hz
- Reinforced Backplate - 1/2" Investment Cast Stainless Steel
- 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.

Operation

Latch retracts by momentary switch action or latch may remain retracted by continuous duty solenoid.

CHOICE OF FUNCTION:

Mechanical Holdback (Standard) - Once unlocked, the latchbolt is held retracted until the door opens. The latchbolt then projects and allows the door to be slammed and relocked.

OR:

Non-Holdback (Optional) - Latchbolt retracts only as long as power is applied to the solenoid.

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.