**Description**

Series 120RUP Deadlatches are pin tumbler, solenoid-operated locks for roll-up doors. Specify keying as follows:

- 121 Keyed case side
- 122 Keyed cover side
- 126 Keyed both sides

**Applications**

Series 120RUP Deadlatches are designed to provide security for garage and service bay roll-up doors. In the case of roll-up shutters or unusual closures, the units may be keyed two sides, with key holdback one side only. 120RUP Models are fully compatible with electrically operated and monitored systems and provide safe, remote locking and unlocking.

**Operation**

This device unlocks when the solenoid is energized by a momentary contact switch. Once unlocked, the latchbolt is held mechanically retracted and a switch energizes the “open” circuit of the roll-up door. When the door is opened, the latchbolt extends automatically. 120RUP locks may be mechanically unlocked by key, with latchbolt remaining retracted until relocked by key.

**Testing**

120RUP Deadlatches and Maxi-Mogul® key cylinders have been tested to 1,000,000 operations.

**Standards Compliance**

120RUP locks are UL Listed as Burglary-Resistant Mechanisms. Maxi-Mogul® key cylinders meet UL437 requirements.

**Standard Features**

- **Solenoid voltage** – 120 VAC.
- **Superior durability** – Working parts of stainless steel afford greater strength and corrosion-resistance.
- **Standard lock size** – All models use the same size case, cover and mounting holes for simplified installation and frame preparation.
- **External mounting holes** – Easy installation and eliminate the need for case and cover removal.
- **1” throw latchbolt** – Offers greater security. Each bolt is hardened to resist sawing.

**Optional Features**

- **Mechanical unlocking by key** – Specify Folger Adam Mogul cylinders or Maxi-Mogul® high security cylinders.
- **Continuous-duty solenoid** – Provides instant unlocking action.
- **Finish** – Zinc plated case and cover.
- **Optional solenoid voltage** – 230 VAC, 60Hz.
- **Indication/auxiliary switches** – An indication switch monitors the deadlock lever indicating a deadlocked latchbolt.

For more information, please call 210.533.1231.
Key cylinder extension – When the lock is keyed on the stop side of the jamb, an extension eliminates the need for a special, recessed frame pocket. Specify E-3 for 3", E-4 for 4" or E-5 for 5" extensions.

**Dimensions Data**

Note: Dimensions are for information and planning purposes only, and should not be used as templates.

For complete details, see How to Specify in this section.

**Specifications**

- **Case and cover** – 10 gauge steel.
- **Latchbolt** – Investment-cast stainless steel, hardened, 1" throw.
- **Deadlock lever** – Stainless steel, adjustable for door gap variations.
- **Roller bolt** – Investment-cast stainless steel with stainless steel roller.
- **Operating lever** – Stainless steel to operate with solenoid.
- **Solenoid** – 120 VAC continuous duty with stainless steel guides, 230VAC optional.
- **Springs** – Stainless steel.

**Electrical Characteristics**

- **Solenoid voltage standard (120 VAC)** – 13 amps inrush - .75 amps seated.
- **Solenoid voltages optional (230 VAC)** – 6.6 amps inrush - .38 amps seated.
- **Switches** – SPDT, UL Listed, 15 amps @ 125 or 250 VAC.
# How to Specify 120 Series Locks

## Keying Location
- **121**: Case Side
- **122**: Cover Side
- **126**: Both Sides

## Operation Series
- **1**: Standard
- **2**: Knob Release
- **3**: Holdback by Key (one side only)

## Basic Models
- **Deadlatches**
  - **E**: Solenoid
  - **M**: Full-Rotation Motor
  - **MC**: Two-Position Motor
- **Deadbolts**
  - **ED**: Solenoid
  - **RUP**: Solenoid (Roll-Up Door)

## Operation Voltage
- **Solenoid**: 120 VAC 230 VAC
- **Motor**: 120 VAC 24 VDC

## Switch Functions
- **01**: Deadlock Indication Switch With Latchback
- **04**: Deadlock Indication Switch No Latchback
- **07**: Electric Holdback

## Key Cylinder and Finish
- **Folger Adam Mogul**
  - **M**: Prep. Only
- **M0-US26D**: 110 Mogul Cylinder with US26D Finish
- **M1-US26D**: 190-1 Maxi-Mogul® Key Cylinder with US26D Finish
- **190-1A**: ASSA Mogul Key Cylinder with US26D Finish
- **190M**: Medeco Mogul Key Cylinder with US4 Finish

## Lock Handing*
- **LHRB**: Left Hand Reverse Bevel
- **RHRB**: Right Hand Reverse Bevel
- **LH**: Left Hand
- **RH**: Right Hand

## Key Cylinder Extension
- **E3**: 3" Long
- **E4**: 4" Long
- **E5**: 5" Long

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For more information, please call 210.533.1231.
# HOW TO SPECIFY 120 SERIES LOCKS

Specify circled swing number when ordering.

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## LEGEND

- **=** INDICATES KEYED SIDE (OR SIDES)
- **- - - -** = SYMBOLIZES LOCK POCKET COVER PLATE
- **<>** = SYMBOLIZES LATCH BOLT (DEADBOLT NOT SHOWN FOR CLARITY)
- **=** SYMBOLIZES LOCK CASE
- **=** DOUBLE LINE SYMBOLIZES FRONT COVER
- **=** THICK LINE SYMBOLIZES REINFORCED STEEL FOR LOCK AND POCKET COVER PLATE MOUNTING