

# 3620-300

## Motorized Deadlocking Latch with Mogul Key Cylinder

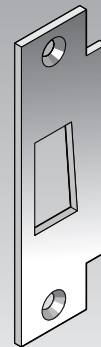
Narrow profile, designed for metal frame mounting in a 3" trim jamb/header. The 24VDC motor drive retracts latch against side loads of 300 pounds.



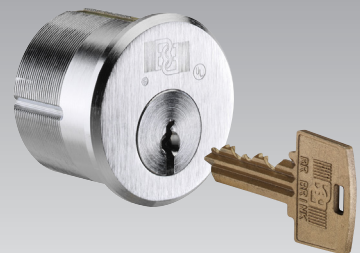
### Application

- The 3620-300 is ideal for access control in secure areas of commercial, institutional, governmental, and industrial buildings.
- The 24VDC gearmotor achieves remote unlocking even when an abnormally high 300 pound side force is applied against the latch.
- Available functions allow for electrical latch retraction and extension from a remote control point as well as manual key unlocking at the door.
- Standard with RRBSL 2" diameter detention grade Mogul cylinder. Workable with 2" diameter builders' hardware brands. See "Key Cylinders" catalog page for elaboration.
- This lock is commonly used in medium security correctional facilities to provide remotely controlled electric unlocking of detention area sleeping room and exit doors.

*(Note: Not recommended for maximum security detention applications.)*



**Stainless steel  
strike plate coated  
for reduced  
latchbolt wear**



**RRBS Mogul Cylinder and Key Standard**



# 3620-300

## Motorized Automatic Deadlocking Latch with Mogul Key Cylinder

Narrow profile, designed for metal frame mounting in a 3" trim jamb/header. The 24VDC gearmotor drive retracts the latch against side loads of 300 pounds.

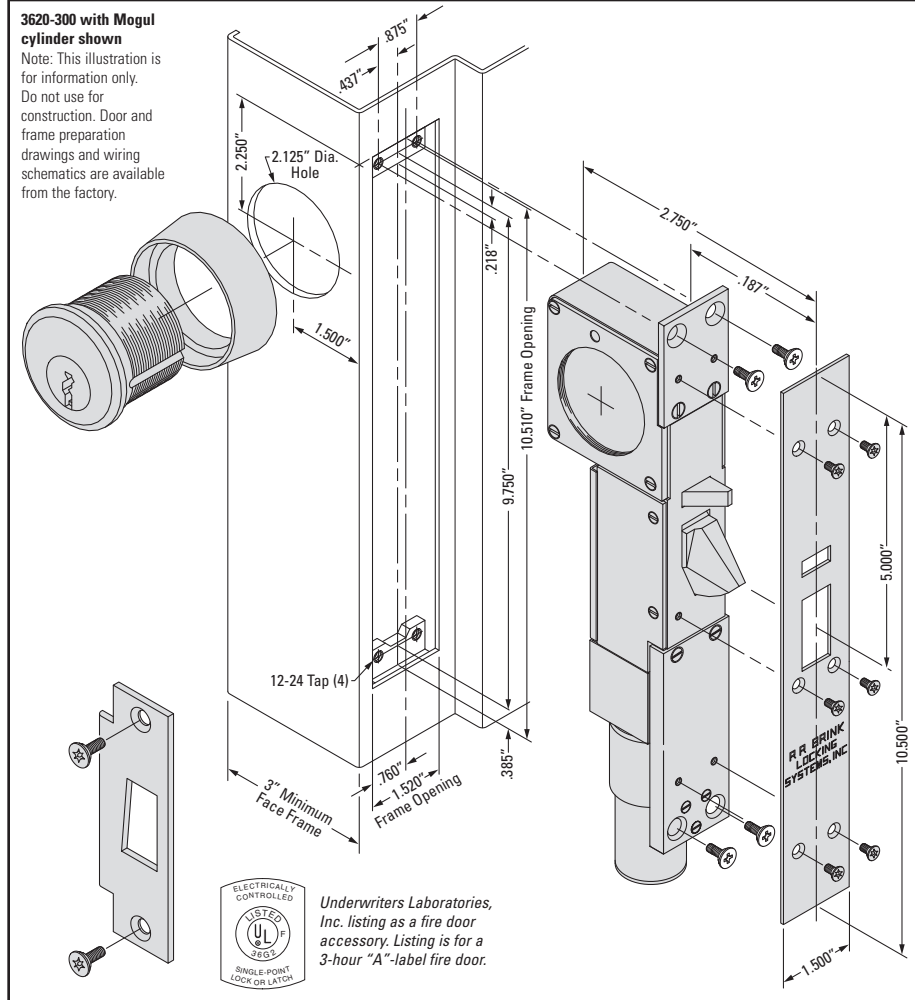
### Standard Features

- Structural and locking parts are stainless steel
- All other parts and fasteners of copper alloy or stainless steel
- A full 3/4" throw cast stainless steel latch with two (2) saw resistant inserts.
- Standard with RRBLS 2" diameter detention grade Mogul cylinder. Workable with 2" diameter builders' hardware brands. See "Key Cylinders" catalog page for elaboration.
- Maintained Switch Latch Holdback (**MSLH**) function (see "Motor Lock Function Reference Guide" for other functions).
- Lock status switch (**LSS**) trips when latch is in deadlocked condition. Used in a signal circuit to indicate lock status – unlocked or deadlocked – via control panel lights and/or alarm devices. The LSS is also used to control an electrical interlock, which permits only one of a group of doors to be unlocked at any time. *Note: For positive, tamper resistant signaling of a closed and deadlocked door, a sensitive door position (DPS) switch must be wired in combination with the LSS. Our DPS Models 201030 or 201090 are recommended.*

- For stop (push) side frame keying see optional "key cylinder extension" (**KCE**).
- Plug connectors are provided for ease in wiring and removal.
- Exposed fasteners – pinned "Torx" head
- Exposed Faceplate  
Satin Stainless Steel – (ANSI 630, US32D)

### Electrical Data

- Gearmotor – Permanent magnet type – 1.0 ampere current limited at full load. Voltage must be 24VDC, +5% -10%. A regulated power supply is recommended for optimum performance.
- Lock Status Switch – 120/250VAC, 5 amp, SPDT (Form C)



### Optional Features

- **KCE** – Stop (push) side key cylinder extension extends working length of a standard or mogul mortise key cylinder to adapt to jamb depths within a range of 4" to 9" (advise jamb depth dimension). Customer supplied cylinders must be factory fitted to each KCE.
- **CKS** – Factory key cylinder modification and an internal limit switch produce a key switch feature which electrically actuates the lock by one way only rotation of the change level key. This feature can be rendered inoperative by switch from a remote control panel. Mechanical

unlocking is by a master level key. This feature is indicated when it is desirable to restrict periods when key unlocking is possible, e.g. building access or prison inmates who carry a key to their cell.

- **RC** – Rectifier with plug-in adapter permits 24VAC input

Consult with our technical service personnel regarding custom applications such as retrofits to existing lock installations and special mounting situations.

### Ordering Information – 3620-300 Electromechanical Series

| Model    | Description              | Key Cylinder Extension (KCE)                                     |
|----------|--------------------------|------------------------------------------------------------------|
| 3622-300 | 3620-300 keyed one side  | Required if key cylinder is mounted on stop (push) side of frame |
| 3626-300 | 3620-300 keyed two sides | Required on stop (push) side of frame                            |

| Example: 3622-300 – MSLH – KCE – LHR – US32D – Door Thickness |                                                                                                   |                                                                       |                                                                     |                                           |                |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------|----------------|
| Model & Key Code(s)                                           | Function                                                                                          | Optional Features                                                     | Hand of Lock                                                        | Faceplate Finish                          | Door Thickness |
| 3622-300<br>Keyed 1 side                                      | See our "Motor Lock Function Reference Guide" for a full description of available lock functions. | See the "Optional Features" section above for description and symbol. | See our "Hand of Locks Reference Guide" for description and symbol. | US32D<br>Satin Stainless Steel (ANSI 630) | 1-3/4" or 2"   |
| 3626-300<br>Keyed 2 sides                                     |                                                                                                   |                                                                       |                                                                     |                                           |                |

