LOCKING DEVICE/DOOR OPERATOR APPLICATION GUIDELINES

KR Locking Device - Use for any multiple, sliding cell door application with manual opening and closing of doors.

2B Locking Device - Use for all multiple, sliding cell door applications calling for chain drive and other specific features.

3B Locking Device - Use for any multiple, sliding cell door application calling for rack and pinion drive and other specific features.

D Corridor Operator - Use for individual door applications requiring chain drive. Entrance, corridor, or sallyport doors (oversized), or pedestrian gates. Also heavy, high-usage doors.

D3B Corridor Operator - Use for individual entrance, corridor, or sallyport doors requiring rack and pinion drive.

G Operator - Use for individual or bi-parting truck entrance doors, or gates weighing up to three tons.

D5B Corridor Operator - Use for individual sliding entrance, corridor or sallyport doors requiring chain drive and local electric/mechanical operation.

J Operator - Use for vehicular chain link fence gates or sallyports.

D Corridor Operator - Use for individual door applications requiring chain drive. Entrance, corridor or sallyport doors (oversized), or pedestrian gates. Also heavy, high-usage doors.

D2B Corridor Operator - Use for individual entrance, corridor or sallyport doors requiring chain drive.

DKR Corridor Operator - Use for any individual sliding corridor or entrance door application with manual opening and closing of doors.

IMPORTANT NOTE: The above are guidelines and not specific recommendations. The security of a particular door or group of doors depends upon not only hardware employed, but also supervision both direct and indirect. For questions on application of a particular lock, contact the Southern Folger Marketing Department or your Regional Manager.

For more information, please call 210.533.1231.
LOCKING DEVICE APPLICATION GUIDELINES

Installation Overview
The purpose of this section is to provide an outline of the considerations involved in specifying a locking device. Complete installation information is issued on a per-job basis, so that the installer is able to perform efficiently. The data presented here is intended to assist the specifier in defining product functions for preparing specifications for locking device systems.

Electrical Wiring
Provision should be made for conduit connections to locking devices and operators, whether for interior or exterior application. All devices are shipped with motors and switches factory wired to a terminal strip. Additional field wiring may be required. The custom nature of locking device systems – number of doors, length of run, number of units, etc. – precludes total pre-wiring at the factory. Optional cell line cable is available, which provides simplified connection of the device drive system to the emergency release cabinet or as specified. Devices recommended for indoor cells are provided with an internal wiring tray. This tray provides a routing path for wire and helps to keep wires away from the drive system of the device.

Physical Installation
A locking device is shipped from the factory in component assemblies for erection within the facility. A typical locking device consists of a mechanism housing, vertical lock column, door receiver, door hanger, door guide and guide angle, and control cabinet. The list of components may vary depending upon the specific device ordered.

Hardware Interface
Other hardware will be needed to install the devices, which is not provided by Southern Folger. Doors, frames and embedded items, such as mounting angles, anchors and bolts (in the case of masonry walls) must be ordered to allow attachment of the locking device or operator to the wall in accordance with our installation instructions. Coordination between the specifier of a locking device system and the factory is essential to ensure trouble-free installation. Consult with us early in the planning stages for assistance.

Southern Folger offers technical and design services to the specifier which are backed by over a century of experience in the detention equipment industry. For any question of application or operation of a specific device or operator, contact the factory for further information.
Considerations

1. Application
   a. Multiple cell doors
   b. Individual corridor door

2. Location of door(s)
   a. Interior
   b. Exterior

3. Overall number of doors to be controlled

4. Door model/size/weight

5. Wall type
   a. Masonry
   b. Concrete
   c. Plate

6. Drive type
   a. Chain
   b. Rack and Pinion
   c. Manual

7. Control required
   a. Mechanical
      1. Mechanical at the door
      2. Mechanical remote gang unlocking
   b. Electrical
      1. Electrical at the door
      2. Electrical remote
      3. Electrical inmate
   c. Customized system
   d. Control location
      1. Adjacent to door
      2. End of cell run
      3. Remote control room

8. Optional features required
   a. Front release column
   b. Key switch operation
   c. Mechanical release system
   d. Wire harness
      (2B, 3B, KR)
   e. Deadlock-open feature
      (2B, KR, DKR)
   f. Three light indication
      (2B, KR)
### LOCKING DEVICE SELECTION GUIDE AND SECTION INDEX

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Feature (1) Optional Front Column. (2) Deadlocks at two concealed points at the rear edge of the door. Locking components are not exposed at the front edge of the door and, therefore, not subject to tampering. (3) Standard Front Column provided. (4) Normally used in conjunction with a mechanical control cabinet.

The above is a general guideline. To determine specific models required for your application, refer to product pages for detailed descriptions.