Superior door control for rigorous, high-use applications

Norton®
ASSA ABLOY
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6000 SERIES
LOW ENERGY OPERATOR
CATALOG
INTRODUCTION
The 6000 Series low energy operator is a heavy-duty unit designed for rigorous, high-use applications. Built-in intelligence enables the operator to safeguard users while providing better door control. Simple installation and adjustment features combined with the unit’s high level of versatility allows for seamless integration with a multitude of facilities and systems.

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6000 SERIES
LOW ENERGY POWER OPERATOR

FUNCTIONS
» Adjustable Hold Open
» Amount of time a door will stay in the full open position after an activation
» Blow open for smoke ventilation
» Door opens when signal is received from alarm system allowing air or smoke to flow through opening.
» Door will stay open until signal from alarm system is stopped
» Infinite Hold Open
  » Door will hold open at set position until power is turned off
» Obstruction Detection
  » Open: door closes if it hits an obstruction while opening
  » Close: door reopens (once) if it hits an obstruction while closing. If it hits the obstruction again, the door will rest against the obstruction until it is removed
» Open Delay
  » Delays operator opening for locking hardware
» Overload Safety Shut-Off
  » After 3 minutes of receiving a door activation signal, inverter times out and door closes
  » Prevents motor/inverter damage
» Presence Detector Input
  » Input for external sensor to detect presence at door open or close position only
» Push & Go
  » As the door is manually opened, the operator "senses" movement and opens door to the full-open position
» Selector mode switch
  » Off - Disables signal inputs unless Blow Open is activated
  » On - Activates signal inputs
  » Hold Open - Activates the unit (unless blow closed is activated on 6300) to the hold open position
» Two Selectable Output relay
  » Multi-function relay outputs
» Vestibule Delay
  » When the push button is pressed, first door in vestibule will open. Second door will open once vestibule door delay has expired. Delay is adjustable.

FEATURES
» Push or pull side mounting
» Non-handed
» Modular design for one person install
» Full cover option on double/pair of doors
» 1.3A onboard power supply
» Activated by push button, hands-free, and RF devices
» Maximum door size 40” x 80”, 250 lbs
» Operates as a mechanical surface closer when power is off
» On board electronics collect usage and cycle count data to facilitate preventative maintenance/diagnostics
» 2 year limited warranty

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ELECTRICAL DATA
» Power input 120 VAC, 60 Hz (+10%, -15%)
» Current draw 0.9A (single), 1.8A (double)
» Auxiliary output 24 VDC @ 1.3A
» SPDT relay output for controlling electric strikes or electric locks not to exceed 1 amp @ 30 VDC

CERTIFICATIONS
» ANSI/BHMA A156.19 certified
» ETL tested to UL / cUL standards for automatic doors used on fire and smoke barrier doors and CSA C22.2 No. 247 for operators and systems of doors
» UL10C listed for positive pressure fire test
» Comply with requirements for the Americans with Disabilities Act (A.D.A)
» California State Fire Marshall Listing 3266-0944:0110
» Manufactured in an ISO 9001 and ISO 14001 facility
» Verified by Green Circle to offer the following energy savings as compared to similar products:
  » 19% efficiency
» Health product declaration and UL certified environmental product declaration

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ARCHITECTURAL SPECIFICATIONS

General Specifications
Door Controls (interior)(exterior) swinging door(s) shall be of rack and pinion design contained within a precision cast aluminum housing. Door closing force shall be adjustable to ensure adequate closing control. Door closing speed shall be controlled by independent hydraulic adjustment valves in the sweep and latch range of the closing cycle. Door Operator shall provide conventional door closer opening and closing forces unless the power operator motor is activated. Door Operator opening force and speed shall be adjustable in the inverter/interface module’s LCD screen to ensure adequate opening control per accessibility codes. Door Operator shall have an adjustable hydraulic back-check valve to cushion the door speed if opened violently. Door Operator shall utilize the inverter/interface module’s LCD screen and joystick to establish door closed and open positions. (Door Operator shall be AUTOMATICALLY ACTIVATED by either a slight push or pull in the direction of opening swing – Push and Go.) (Door Operator shall be SELECTIVELY ACTIVATED by external initiating device, i.e. wall switch, etc.) (Door Operator shall be both AUTOMATICALLY ACTIVATED and SELECTIVELY ACTIVATED.)

Unit shall include “E-saver” feature to automatically recognize abled body traffic and immediately trigger door to close after sensing no forces on door. Unit shall have delay for motor activation, electric lock interfacing, and hold open time. Units shall have SPDT relay for interfacing latch retraction exit devices or similar products and have 24VDC @ 1.3A output for connection of electric strike, lock, radio frequency receiver, etc. Units shall have Vestibule sequencing input for operation of two or more units. Unit shall have smoke ventilation inputs to power open doors when activated by fire or smoke alarm. Unit shall have a three-position Selector Mode Switch that will permit the unit to be switched “ON” to monitor for function inputs, switched to “H/O” for indefinite hold open function or switched “OFF” which will disable function inputs allowing unit to be used as a manual door closer. Unit shall be ETL tested to UL standards for automatic closing door. The Unit shall be adjustable to provide compliance with the requirements of the Americans With Disabilities Act (ADA). Unit shall be certified by BHMA to meet ANSI A117.1 and A156.19 requirements. Unit shall meet UL, cUL, UL10C and UL10B standards.

2 year limited warranty.

Additional Specifications for Functions
For Power Operator Function:
When activated, the unit shall, by means of a motor, chain and closer, power open the door at both a speed and force that are adjustable to accessibility codes. The door shall be powered from a door closed position to a full door open position and remain in momentary hold open for 5 seconds minimum (adjustable 0 to 30 seconds in 1 second increments). ([Unit shall power open door to full open position up to 110°.) (Unit shall be capable of opening door manually from 110° – 180°.) Once unit reaches full hold open position, if reinitiated, unit’s momentary hold open time shall restart from the maximum set time. If unit is initiated during the closing cycle, unit shall revert to opening cycle beginning at that door position. Unit shall have a toggled hold open input that upon first initiation will power door to a maintained hold open position; a second initiation will allow door to close. Unit shall have obstruction detection on closing, which will reverse the closing door to the full open position then re-attempt to close door after momentary hold open time has elapsed. Obstruction detection on opening shall shut motor off, allowing door to close under spring force. These obstruction detection features shall be integral to unit. During closing cycle, the unit shall close door under full spring power not to exceed a closing force of 15 lbf.
**APPLICATIONS**

**6011 Shown**
HINGE (PULL) SIDE OF DOOR
RIGID ARM AND SLIDE TRACK

**6031 Shown**
STOP (PUSH) SIDE OF DOOR
STANDARD-DUTY DOUBLE LEVER ARM

**D6011-36 Shown**
DOUBLE DOOR (PAIR)
RIGID ARM AND SLIDE TRACK

**6061 Shown**
STOP (PUSH) SIDE OF DOOR
HEAVY-DUTY DOUBLE LEVER ARM

<table>
<thead>
<tr>
<th>Model</th>
<th>Mounting</th>
<th>Arms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pull Side</td>
<td>Push Side</td>
</tr>
<tr>
<td>6011, D6011</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>6051, D6051</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>6021, D6021</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>6031, D6031</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>6061, D6061</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>6071, D6071</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>D6001DE</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

For application assistance, Norton offers complete services from specifying product to engineering a door system which includes riser and wiring diagrams. Consult Norton Technical Product Support for additional information.
DOOR OPENING EXAMPLES

D6021/D6031/D6061/D6071 Series
Operator mounted on Push Side
Left Hand/Right Hand Outswing Doors

D6011/D6051 Series
Operator mounted on Pull Side
Left Hand/Right Hand Inswing Doors

D6001DER (Right Hand)
D6001DEL (Left Hand)
Right or Left Hand Double Egress Doors
(Right hand doors illustrated)
OPPERATOR DETAILS

Heavy Duty Back Plates (Double Door Shown)

Back plates interlock and attach with a conduit assembly to provide strength and durability.

Cover Union - Double and Single Doors

The 3-position switch (ON/OFF/HOLD OPEN) is easily accessible via a "door" on the cover union. The door is located in the middle for double doors and on the end for single doors.

End Cap

If needed, spring adjustment is accessible through the door on the end cap. Door can be "locked" with a screw for security.
TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Models</th>
<th>Minimum Frame Height</th>
<th>Minimum Top Rail (Door)</th>
<th>Minimum Door Width</th>
<th>Door Opening</th>
<th>Frame Reveal</th>
</tr>
</thead>
<tbody>
<tr>
<td>6011, D6011</td>
<td>2\”</td>
<td>1-3/4\” (44mm)</td>
<td></td>
<td>85° to 110° (5° increments)</td>
<td>1/8\” (3mm)</td>
</tr>
<tr>
<td>6051, D6051</td>
<td>2-3/8\”</td>
<td>1-7/8\” (48mm)</td>
<td>36°</td>
<td>Up to 110°</td>
<td>2-3/4\” to 6-7/8\” (70 - 175mm)</td>
</tr>
<tr>
<td>6021, D6021</td>
<td>1-1/2\”</td>
<td></td>
<td></td>
<td>From 110° to 180°</td>
<td></td>
</tr>
<tr>
<td>6031, D6031</td>
<td>1-1/2\” (38mm)</td>
<td></td>
<td></td>
<td>85° to 110° (5° increments)</td>
<td>2-1/4\” to 4-3/4\” (57 - 121mm)</td>
</tr>
<tr>
<td>6061, D6061</td>
<td>2-3/16\”</td>
<td></td>
<td></td>
<td>4-13/16\” to 7-3/8\” (122 to 187mm)</td>
<td></td>
</tr>
<tr>
<td>6071, D6071</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D6001DE</td>
<td>2\” (51mm)</td>
<td>2-3/8\” (60mm)</td>
<td></td>
<td>Up to 110°</td>
<td>1/8\” to 3\” (3-76mm) - Pull Side 2-1/4\” to 4-3/4\” (57-121mm) - Push Side</td>
</tr>
</tbody>
</table>

Notes:
» Auxiliary stops are recommended for the models 6011 and 6051 and required for models 6021 and 6031.
» Models 6061 and 6071 have a spring buffered stop in the arm shoe assembly.
» Models 6011 and 6051 have a buffered stop assembly in the slide track.
» Drop applications are needed if the required ceiling clearance is less than 5\’. Available for models 6021, 6031, 6061 and 6071. Suffix D to model number when ordering.

*Reveals less than 2-1/4\” (57mm) may be achieved by field cutting the adjusting rod.

COVER DIMENSIONS

Single & Double Covers:
Projection: 4-3/4\” (121mm)
Height: 5-3/16\” (132mm)

Overall Lengths:
Single: 37-1/2\” (95.3cm)
Double-36: 74-1/4\” (188.6cm)
Double-42: 86-1/4\” (219.1cm)
Double-48: 98-1/2\” (249.6cm)

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PARTS LIST

Arm and Track Assemblies

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6610-1</td>
<td>Arm and Track Assembly</td>
</tr>
<tr>
<td>7210-1A</td>
<td>Arm Assembly</td>
</tr>
<tr>
<td>7200-1T</td>
<td>Track Assembly</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6660-1</td>
<td>Arm Assembly</td>
</tr>
<tr>
<td>6660-11</td>
<td>Rod &amp; Snubber Assembly</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6020-1</td>
<td>Arm Assembly</td>
</tr>
<tr>
<td>6020-1W</td>
<td>Main Arm &amp; Rod</td>
</tr>
<tr>
<td>6620-12</td>
<td>Adjusting Tube &amp; Shoe</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6670-1</td>
<td>Arm Assembly</td>
</tr>
<tr>
<td>6670-11</td>
<td>Rod &amp; Snubber Assembly</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6030-1</td>
<td>Arm Assembly</td>
</tr>
<tr>
<td>6030-1W</td>
<td>Main Arm &amp; Rod</td>
</tr>
<tr>
<td>6620-12</td>
<td>Adjusting Tube &amp; Shoe</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6061-1</td>
<td>Unitrol® Arm Assembly</td>
</tr>
<tr>
<td>6660-11</td>
<td>Rod &amp; Snubber Assembly</td>
</tr>
</tbody>
</table>

REPLACEMENT PARTS FOR MODELS ENDING IN "0" i.e. 6010, 6030, etc.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H6010LAP</td>
<td>6010, 6050 Unit Sub-Assembly</td>
</tr>
<tr>
<td>H6020LAP</td>
<td>6020, 6030, 6060, 6070 Unit Sub-Assembly</td>
</tr>
<tr>
<td>6000IN</td>
<td>Inverter</td>
</tr>
<tr>
<td>H6000COV</td>
<td>Cover</td>
</tr>
<tr>
<td>5700SW</td>
<td>On/Off Switch</td>
</tr>
<tr>
<td>6000DAB</td>
<td>Drop Angle Bracket</td>
</tr>
<tr>
<td>6000DAB180</td>
<td>Drop Angle Bracket - 180° Swing</td>
</tr>
<tr>
<td>6000CB</td>
<td>Circuit Breaker</td>
</tr>
<tr>
<td>6000SUP</td>
<td>Power Supply</td>
</tr>
<tr>
<td>6000SEC</td>
<td>Security Plate Pack</td>
</tr>
<tr>
<td>6000SF</td>
<td>Aluminum Storefront Bracket</td>
</tr>
<tr>
<td>SP6000</td>
<td>Screw Pack</td>
</tr>
</tbody>
</table>
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## PARTS LIST - SINGLE UNIT SHOWN

### UNIT SUB-ASSEMBLY

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6011LAP**</td>
<td>6011, 6051 Unit Sub-Assembly</td>
</tr>
<tr>
<td>6021LAP**</td>
<td>6021, 6031, 6061, 6071 Unit Sub-Assembly</td>
</tr>
</tbody>
</table>

### DROP ANGLE BRACKETS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6001DAB</td>
<td>Drop Angle Bracket - Single 36&quot;</td>
</tr>
<tr>
<td>6001DAB2</td>
<td>Drop Angle Bracket - Double 36&quot;</td>
</tr>
<tr>
<td>D6001DAB-36</td>
<td>Drop Angle Bracket - Double 42&quot;</td>
</tr>
<tr>
<td>D6001DAB-42</td>
<td>Drop Angle Bracket - Double 48&quot;</td>
</tr>
<tr>
<td>D6001DAB-48</td>
<td>Drop Angle Bracket - Double 48&quot;</td>
</tr>
</tbody>
</table>

### COVERS, BACK PLATES

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6001COV</td>
<td>Cover - Single</td>
</tr>
<tr>
<td>D6001COV-36</td>
<td>Cover - Double 36&quot;</td>
</tr>
<tr>
<td>D6001COV-42</td>
<td>Cover - Double 42&quot;</td>
</tr>
<tr>
<td>D6001COV-48</td>
<td>Cover - Double 48&quot;</td>
</tr>
<tr>
<td>6001BP</td>
<td>Back Plate - Single</td>
</tr>
<tr>
<td>D6001BP-36-LH</td>
<td>Back Plate - Double 36&quot; - Left Hand</td>
</tr>
<tr>
<td>D6001BP-36-RH</td>
<td>Back Plate - Double 36&quot; - Right Hand</td>
</tr>
<tr>
<td>D6001BP-42-LH</td>
<td>Back Plate - Double 42&quot; - Left Hand</td>
</tr>
<tr>
<td>D6001BP-42-RH</td>
<td>Back Plate - Double 42&quot; - Right Hand</td>
</tr>
<tr>
<td>D6001BP-48-LH</td>
<td>Back Plate - Double 48&quot; - Left Hand</td>
</tr>
<tr>
<td>D6001BP-48-RH</td>
<td>Back Plate - Double 48&quot; - Right Hand</td>
</tr>
</tbody>
</table>

### MISCELLANEOUS PARTS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>6001PM</td>
<td>Power Module Sub Assembly</td>
</tr>
<tr>
<td>6001U</td>
<td>Union - Single</td>
</tr>
<tr>
<td>D6001U</td>
<td>Union - Double</td>
</tr>
<tr>
<td>6001US</td>
<td>Union Spacer</td>
</tr>
<tr>
<td>6001SK</td>
<td>Shim Kit^</td>
</tr>
<tr>
<td>5700SW</td>
<td>On/Off Switch</td>
</tr>
<tr>
<td>6000CB</td>
<td>Circuit Breaker</td>
</tr>
<tr>
<td>6000MS</td>
<td>Motor Support</td>
</tr>
<tr>
<td>6001SC-1</td>
<td>Screw Pack - Back Plate</td>
</tr>
<tr>
<td>6001SC-2</td>
<td>Screw Pack - Standard</td>
</tr>
<tr>
<td>D6001SYNC</td>
<td>Sync Cable</td>
</tr>
</tbody>
</table>

** Part Numbers may differ based on legacy models. Contact Norton Technical Product Support to verify for accuracy based on unit on hand.

^ Shim kit supplied standard. Kit includes (6) 1/16", (6) 1/8", and (12) 1/4" shims.
**ACCESSORIES**

**Activating Door Switches**
- 4-1/2" W. x 4-1/2" H.
- 15 amp @ 125 VAC
- Flush mounted
- Fits single or 2 gang electrical box

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Hard wired</th>
<th>RF (433MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>501</td>
<td>Press to Operate Door</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>502</td>
<td>Press to Open x logo</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>671</td>
<td>Press to Open x alternative logo</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>672</td>
<td>Press to Open x alternative logo</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>542</td>
<td>4-1/2&quot; surface mount box</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Wave-to-Open Wall Switch**
- Single gang and double gang packaged together
- Sensor requires movement for activation
- Variable relay – hold time from 0 – 35 seconds
- Range 0" to 4"
- Dimensions:
  - 3" W x 4-3/4" H (single);
  - 4-1/2" W x 4-1/2" H (double)
ACCESSORIES

Low Profile Push Plate
» 36” x 6” activation zone
» 1” low profile depth
» Stainless steel face plate
» Adapts to either wireless or hard wired installations
» 638 - Wireless
» 639 - Hard wired

Vestibule Switches
» 1-1/2” x 4-3/4” face plate
» SPDT UL listed switch-mom.
» 15 amp @ 125 VAC
» Fits 1-3/4” frame
» Stainless steel with blue letters

Note:
» All hard wired switches are Momentary Contact SPDT, UL Listed.
» Optional DPDT switches are available; suffix “D” to model number.
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ACCESSORIES

Motion Sensor
- 4-3/4" x 3-3/16" x 2" projection
- Unidirectional
- Black cover
- SPDT relay
- Adjustable angle pattern
- 24 VDC input
- Must not be placed where motion of door can be sensed

Switch Post
- 4" x 6" x 40" x 3/16" wall thickness
- 9 volt battery
- RF temperature range: -4° F to 122° F
- 689 (aluminum) or 690 (dark bronze) finishes
- Standard formed plastic cap
- Surface mounted (above ground)
- 530 - radio frequency transmitter
- 500 - hard wired switch
- 530POST - post only; switch not included

Presence Detector
- Diffused active infrared technology
- 11.8" l x 1.9" h x 1.9" w
- Black anodized aluminum
- 9’x0” maximum mounting height
- Supply voltage: 24VAC/DC

* Use of motion sensor must be approved by local authority having jurisdiction.
ACCESSORIES

Sensor
» Active infrared safety sensor
» Detection range 0-8’
» 36", 42" or 48" width (specify when ordering)
» 8'x0" maximum mounting height

Radio Frequency Receiver
» 433 MHz

Transmitters
» 2-3/8’w x 4-3/16’h x 15/16’d
» 536: single channel
» 538: two channel

Converts existing hard wired push plates to work with RF receivers offered after June 2013
» Single channel
» 9 volt battery included
ACCESSORIES

Kits
Includes:
» (2) ADA1019-2 wall switches
» (2) 548 transmitters (with 9 volt batteries)
» (1) 539 receiver

Includes:
» (1) ADA1019-2 wall switch
» (1) 548 transmitter (with 9 volt battery)
» (1) 539 receiver

OPERATIONAL SIGNAGE

679 Signage Kit (supplied standard)

(1 per switch)  (1 per switch)  (2 per operator)
## FINISHES

<table>
<thead>
<tr>
<th>Description</th>
<th>Specify Norton Designation (BHMA)</th>
<th>Complements the following finishes</th>
<th>Old Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>689</td>
<td>628, 625, 629, 630, 651</td>
<td>AL</td>
</tr>
<tr>
<td>Statuary Bronze</td>
<td>690</td>
<td>640, 613</td>
<td>STAT</td>
</tr>
<tr>
<td>Black Suede</td>
<td>BSP</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
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HOW TO ORDER

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<td>FIRST TWO DIGITS</td>
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<td>Double (pairs of doors) Specify 36&quot;, 42&quot; or 48&quot; when ordering.</td>
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THIRD DIGIT IDENTIFIES TYPE OF APPLICATION

DOUBLE EGRESS

0 | Includes 6050-1L or 6050-1R arm and track assembly plus 6061-1 Unitrol® arm assembly. 110° maximum door swing. Frame reveals 1/8" to 3" (pull), 2-1/4" to 4-3/4" (push). |

HINGE (PULL) SIDE OF DOOR*

1 | Rigid Arm & Slide Track 110° maximum door swing maximum reveal 1/8" (3mm) |

5 | Double Egress Arm & Slide Track 110° maximum door swing for reveals 1/8" to 3" (3 to 76mm) (specify hand when ordering) |

STOP (PUSH) SIDE OF DOOR

2 | Standard-Duty Double Lever Arm 110° maximum door swing. Reveals 2-3/4" to 6-7/8" (70 to 175mm). |

3* | Standard-Duty Double Lever Arm 180° maximum door swing. Reveals 2-3/4" to 6-7/8" (70 to 175mm). |

6* | Heavy-Duty Double Lever Arm 110° maximum door swing. Reveals 2-1/4" to 4-3/4" (57 to 121mm). |

7 | Heavy-Duty Double Lever Arm 110° maximum door swing. Reveals 4-13/16" to 7-3/8" (122 to 187mm). |

▲ Models will be power operated to 110° but can be manually opened to 180°

◆ Reveals less than 2-1/4" (57mm) may be achieved by field cutting the adjusting rod

*Consult Technical Support Department when door is hung on offset pivots

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