Surface mounted closer

4040XP Series

Overview
The 4040XP is LCN’s most durable and flexible heavy duty closer designed for institutional and other demanding high traffic applications.

Cylinder

4040XP-3071
Cast iron cylinder assembly

<table>
<thead>
<tr>
<th>Handing</th>
<th>Sizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-handed</td>
<td>Adjustable Spring Size 1-6</td>
</tr>
<tr>
<td></td>
<td>includes patented Green Dial</td>
</tr>
</tbody>
</table>

Available cylinder options

| DEL     | Delayed action cylinder |

Mounting

- Hinge (pull side)
- Top jamb (push side)
- Parallel arm (push side)
**Finishes**

**Powder coat finishes**
- 689 Aluminum
- 690 Statuary Bronze
- 691 Light Bronze
- 693 Black
- 695 Dark Bronze
- 696 Brass

**Metal plated finishes**
- 632 Bright Brass
- 633 Satin Brass
- 639 Satin Bronze
- 643e Satin Bronze, Blackened
- 646 Satin Nickel
- 651 Bright Chrome
- 652 Satin Chrome

**Available finish options**

<table>
<thead>
<tr>
<th>MTLPC</th>
<th>Brite metallic: Custom powder coat finish, which resembles that of US26 or US26D plated finish.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRI</td>
<td>For installations where a higher level of protection against weather conditions, or the effects of a potentially corrosive atmosphere is required, LCN offers a special rust inhibiting (SRI) process. Ferrous metal components receive an SRI pretreatment and a standard powder coat finish of your choice, or a custom powder coat finish for a nominal additional cost. Closers treated with the SRI process exceed the 100 hour protection level available with standard LCN powder coated finishes.</td>
</tr>
</tbody>
</table>

**Covers**

**Standard cover**

**Optional covers**

- 4040XP-72 Plastic cover
  - Non-handed
  - Includes 4040XP-54 snap-on cover clip

- 4040XP-72MC Metal cover
  - Handed
  - Required for plated finishes and custom powder coat finishes
  - Optional
Arms

**4040XP-3077**
- **Regular arm**
  - Non-handed
  - Mounts pull side or top jamb with shallow reveal. **P4041 closer includes PA SHOE. 4040XP-62PA required for parallel arm mounting.**

**4040XP-3077L**
- **Long arm**
  - Non-handed
  - Includes **LONG ROD AND SHOE, 4040XP-79LR for top jamb mount. Optional.**

**4040XP-3077ELR**
- **Extra long arm**
  - Non-handed
  - Includes **EXTRA LONG ROD AND SHOE, 4040XP-79ELR for top jamb mount with deep reveal. Optional.**

**4040XP-3049**
- **Hold-open arm**
  - Non-handed
  - Mounts pull side or top jamb with shallow reveal. Hold-open adjustable shoe. **4040XP closer includes 4040XP-62PA shoe required for parallel arm mounting. Optional.**

**4040XP-3049L**
- **Long hold-open arm**
  - Non-handed
  - Includes **LONG HEAD AND TUBE, 4040XP-3048L for top jamb mount. Optional.**

**4040XP-3077EDA**
- **Extra duty arm**
  - Non-handed
  - Features forged, solid steel main and forearm for potentially abusive installations. **Optional.**

**4040XP-3049EDA**
- **Hold-open extra duty arm**
  - Handed
  - Parallel arm features forged, solid steel main and forearm for potentially abusive installations. **Hold-open function is adjusted at the shoe. Optional.**

**4040XP-3049EDA/62G**
- **Extra duty arm with 62G**
  - Non-handed
  - Features forged, solid steel main and forearm for potentially abusive installations. **62G shoe provides additional blade stop clearance. Optional.**

**4040XP-3077EDA/62G**
- **Hold-open extra duty arm with 62G**
  - Non-handed
  - Parallel arm features forged, solid steel main and forearm for potentially abusive installations. **62G shoe provides additional blade stop clearance. Optional.**

**4040XP-3077CNS**
- **Cush-N-Stop® Arm**
  - Non-handed
  - Features solid forged steel main arm and forearm with stop in soffit shoe. **Optional.**

**4040XP-3049CNS**
- **HCUSH arm**
  - Non-handed
  - Hold-open function with templated stop/hold-open points. **Handle controls hold-open function. Optional.**

**4040XP-3077CSNS**
- **Spring CUSH arm**
  - Non-handed
  - For abusive applications features solid forged steel main arm and forearm with spring loaded stop in the soffit shoe. **Optional.**
Arms

4040XP-3049SCNS
Spring HCUSH arm
- Non-handed
- For abusive applications, features solid forged steel main arm and forearm with spring loaded stop in the soffit shoe
- Handle controls hold-open function
- Optional
Installation accessories

4040XP-18 Plate
- Required for hinge side mount where top rail is less than 3-3/4” (95 mm)
- Requires minimum 2” (51 mm) minimum top rail

4040XP-18G Plate
- Locates top jamb mounted closer flush with top of head frame face in flush ceiling condition
- Requires 1-3/4” (44 mm) minimum head frame

4040XP-18TJ Plate
- Centers top jamb mounted closer vertically on head frame where face is less than 3-1/2” (89 mm). Plate requires 1-3/4” (44 mm) minimum head frame

4040XP-18PA Plate
- Required for parallel arm mounting where top rail is less than 5-1/2” (140 mm), measured from the stop
- Requires 2” (51 mm) minimum top rail

4040XP-62PA PA shoe
- Required for parallel arm mounting

4040XP-30 CUSH shoe support
- Provides anchorage for fifth screw used with CUSH arms, where reveal is less than 3-1/16” (78 mm)
- Optional

4040XP-61 Blade stop spacer
- Required to lower parallel arm shoe to clear 1/2” (13 mm) blade stop
- Optional

4040XP-419 PA flush panel adapter
- Provides horizontal mounting surface for parallel arm shoe on single rabbeted or flush frame
- Optional
Installation accessories

4040XP-62A
Auxiliary shoe
- Requires a top rail of 7” (178 mm)
- Shoe replaces -62PA for parallel arm mounting of regular arm with overhead holder/stop
- Optional

4040XP-54
Snap-on cover clip
- Used to secure 4040XP-72 plastic cover to cylinder body

Fasteners
Self-reaming and tapping screws included standard

**Fastener pack options**

<table>
<thead>
<tr>
<th>Fastener Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBSRT</td>
<td>TB¹ with self-reaming and tapping screws</td>
</tr>
<tr>
<td>WMS</td>
<td>Wood and machine screw</td>
</tr>
<tr>
<td>TBWMS</td>
<td>TB¹, wood and machine screw</td>
</tr>
<tr>
<td>TORX</td>
<td>TORX machine screw</td>
</tr>
<tr>
<td>TBTORX</td>
<td>TB¹ and TORX machine screw</td>
</tr>
</tbody>
</table>

¹ Specify door thickness if other than 1-3/4”
Dimensions and mounting

Hinge (pull) side mounting

Top jamb (push side) mounting
Dimensions and mounting

Parallel arm (push side) mounting

EDA mount

CUSH mount
## Specifications

<table>
<thead>
<tr>
<th>Accessibility</th>
<th>Available with less than 5.0 lbs. opening force on 36” door</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Certifications/approvals</strong></td>
<td>Grade 1 - ANSI A156.4</td>
</tr>
<tr>
<td></td>
<td>UL 10C</td>
</tr>
<tr>
<td></td>
<td>Meets BAA - Buy American Act</td>
</tr>
<tr>
<td>Degree of operation</td>
<td></td>
</tr>
<tr>
<td>Hinge (pull) side</td>
<td></td>
</tr>
<tr>
<td>Max opening: 120°</td>
<td></td>
</tr>
<tr>
<td>Hold open: 90-120°</td>
<td></td>
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<tr>
<td>Top jamb (push side) mount</td>
<td></td>
</tr>
<tr>
<td>Max opening: 120°</td>
<td></td>
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<tr>
<td>Hold open: 85-120°</td>
<td></td>
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<tr>
<td>Parallel arm with 62PA</td>
<td></td>
</tr>
<tr>
<td>Max opening: 180°</td>
<td></td>
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<tr>
<td>Hold open: 180°</td>
<td></td>
</tr>
<tr>
<td>EDA</td>
<td></td>
</tr>
<tr>
<td>Max opening: 180°</td>
<td></td>
</tr>
<tr>
<td>Hold open: 180°</td>
<td></td>
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<tr>
<td>Cush</td>
<td></td>
</tr>
<tr>
<td>Max opening: 110°</td>
<td></td>
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<tr>
<td>Hold open: 110°</td>
<td></td>
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<tr>
<td><strong>Environmental conditions</strong></td>
<td></td>
</tr>
<tr>
<td>Approved for interior use</td>
<td></td>
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<tr>
<td>Approved for exterior use</td>
<td></td>
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<tr>
<td>(SRI coated only)</td>
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</tr>
<tr>
<td>LCN’s standard all weather fluid performs to temperature ranges from 120°F (49°C) to -30°F (-35°C)</td>
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<tr>
<td>LCN’s powder coat finish surpasses 100 hours of salt spray which is over four times the ANSI standard for corrosion resistance.</td>
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<tr>
<td><strong>Warranty</strong></td>
<td>30 years</td>
</tr>
<tr>
<td><strong>Standard features</strong></td>
<td></td>
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<tr>
<td>Cast iron body</td>
<td></td>
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<tr>
<td>Full complement bearing</td>
<td></td>
</tr>
<tr>
<td>1-1/2” diameter piston</td>
<td></td>
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<tr>
<td>3/4” diameter double heat treated pinion journal</td>
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</tbody>
</table>