Surface mounted closer

SC60A Series

Overview
The SC60A Series is designed for light- to medium-duty applications, like a small business or office building. It is intended for interior use with aluminum storefronts and mixed-use complexes. It mounts three ways and features the most common hole pattern in the door control industry, making it ideal for a variety of retrofit needs.

Cylinder
SC61A-3017
Single piece cast aluminum cylinder assembly

<table>
<thead>
<tr>
<th>Handing</th>
<th>Sizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-handed</td>
<td>Adjustable spring size 1-5</td>
</tr>
</tbody>
</table>

Mounting

- Hinge (pull side)
- Top jamb (push side)
- Parallel arm (push side)
Surface mounted closer
SC60A Series

Finishes
Powder coat finishes

![Powder coat finishes](image)
- 689 Aluminum
- 695 Dark Bronze
- 696 Brass

Metal plate finishes

![Metal plate finishes](image)
- 622 Matte Black

Covers
Standard cover

![Standard cover](image)
- None

Optional cover
SC60A-72
Slim line plastic cover
- Non-handed
- Optional

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1 Only available on standard cylinders and RW/PA, HW/PA, and DS arms
Arms

**SC60A-3077PA**
- Regular arm
  - Non-handed
  - Adjustable forearm assembly for range of door and frame reveal conditions
  - Mounts hinge side, top jamb or parallel arm
  - PA shoe allows install in a parallel arm configuration

**SC60A-3049PA**
- Hold-open arm
  - Non-handed
  - Hold open arm with adjustable forearm for range of door and frame reveal conditions
  - Mounts hinge side, top jamb or parallel arm
  - PA shoe allows install in a parallel arm configuration

**SC60A-3077HD**
- Heavy duty regular arm
  - Non-handed
  - Stamped, heavy duty, parallel arm for use in high-traffic applications
  - Optional

**SC60A-3077DS**
- Dead stop arm
  - Non-handed
  - Stamped, heavy duty, parallel arm
  - Includes a positive mechanical stop and non-adjustable forearm assembly for potentially abusive installations
  - Optional

**SC60A-3049SS**
- Spring-n-stop hold-open arm
  - Non-handed
  - Extra heavy-duty, forged parallel arm
  - Integral spring stop and non-adjustable forearm assembly for potentially abusive installation conditions
  - Optional

**SC60A-3077SS**
- Spring-n-stop arm
  - Non-handed
  - Extra heavy-duty, forged parallel arm
  - Integral spring stop and non-adjustable forearm assembly for potentially abusive installation conditions
  - Includes a manually selective hold-open function
  - Optional
Installation accessories

**SC60A-30 Soffit shoe support**
- Anchorage for fifth screw used with soffit shoe, where reveal is less than 3 1/16” (78mm)

**SC60A-61 Blade stop spacer**
- Required to lower parallel arm shoe to clear 1/2” (13mm) blade stop

**SC60A-62A Auxiliary shoe**
- Requires top rail of 7” (178mm)
- Optional
- PA shoe replacement for parallel arm mounting of regular arm with overhead holder/stop

**SC60A-18 Plate**
- Required for top jamb mounting where head frame is less than 1 3/4” (44mm)

**SC60A-18PA Plate**
- Required for parallel arm mounting where top rail is less than 4 1/4” (108mm) for PA, 4 1/4” (108mm) for HD and DS, measured from the stop
- Requires 2 3/8” (60mm) minimum top rail, from stop

**Fasteners**
Comes standard with universal screw pack (UNIV), including self reaming and tapping screws
Dimensions and mounting

Hinge (pull side) mounting

Top jamb (push side) mounting

Parallel arm (push side) mounting
Dimensions and mounting

Heavy duty arm (parallel) mounting

Dead stop HO arm (parallel) mounting
### Specifications

<table>
<thead>
<tr>
<th>Accessibility</th>
<th>Available with less than 5.0 lbs. opening force on 36” door</th>
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</thead>
</table>
| Certifications/Approvals | ▪ Grade 1 ANSI/BHMA A156.4  
▪ UL10C and UBC 7-2 (1997)  
▪ Cover is UL approved for use in fire rated assemblies  
▪ Meets the American Disabilities Act (ADA) |
| Degree of Operation |  |
| **Hinge (pull side) mount** | **Max opening:** 180°  
**Hold open:** Hold Open point is adjustable up to 180° |
| **Top jam (push side) mount** | **Max opening:** 180°  
**Hold open:** Adjustable up to 180° |
| **Parallel arm** | **Max opening:** 180°  
**Hold open:** Adjustable up to 180° |
| **Heavy duty arm** | **Max opening:** 180°  
**Hold open:** “Heavy Duty” hold open is not available |
| **Dead stop HO arm** | **Max opening:** 110°  
**Hold open:** 110° or 90° (based on installation template, not adjustable) |
| Environmental Conditions | ▪ Approved for interior use  
▪ Standard all weather fluid  
▪ Separate adjustable general speed, latch speed and backcheck |
| Warranty | 10 years |
| Standard Features | ▪ Single piece cast aluminum body  
▪ Heat-treated pinion and steel piston |