**Option A – Regular Arm Installation**

1. Select degree of opening from table and use template dimensions as shown.
2. Mark four (4) holes on door for closer and two (2) holes on frame for arm shoe.
3. Drill pilot holes in door and frame for #14 all-purpose screws or drill and tap for 1/4-20 machine screws.
4. Install adjustable forearm/arm shoe assembly to frame using screws (a) or (b) Reference page 2.
5. Install main arm to top pinion shaft using screw (e).
6. Mount closer on door using screws (c) or (d). SPRING POWER ADJUSTING NUT MUST BE POSITIONED AWAY FROM HINGE EDGE.
7. Adjust forearm so that it is perpendicular to frame when assembled to preloaded main arm. Secure forearm to main arm with screw provided.
8. Adjust door’s closing speed, backcheck control and spring power of door, following instructions as shown page 2.

**Option B – Top Jamb Installation**

1. Select degree of opening from table and use template dimensions as shown.
2. Mark four (4) holes on door for closer and two (2) holes on frame for arm shoe.
3. Drill pilot holes in door and frame for #14 all-purpose screws or drill and tap for 1/4-20 machine screws.
4. Install adjustable forearm/arm shoe assembly to door using screws (a) or (b) Reference page 2.
5. Mount closer body on frame using screws (c) or (d). SPEED ADJUSTING VALVE MUST BE POSITIONED TOWARD HINGE SIDE.
6. Install main arm to bottom pinion shaft, perpendicular to door. Secure tightly with arm screw/washer (e).
7. Adjust door’s closing speed and power, see page 2 for reference.
Option C – Parallel Arm Installation

CAUTION!! Do not turn speed adjusting valve more than two(2) full turns counter-clockwise. Do not back the valves out of closer or a leak will result.

DOOR CLOSER ADJUSTMENT

POWER ADJUSTMENT CHART

<table>
<thead>
<tr>
<th>Door Closers Size</th>
<th>Full Turns of Power Adjusting Screw</th>
<th>Door Leaf Width</th>
<th>Applicable Door Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>BF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>1</td>
<td>38° (3.8m)</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>2</td>
<td>28° (2.8m)</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>3</td>
<td>18° (1.8m)</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>4</td>
<td>9° (0.9m)</td>
</tr>
</tbody>
</table>

Inches (mm) 7/16 (11.1) 2 (51) 3/8 (9.5) 5/16 (7.9) 3-1/4 (83) 3/4 (19) 9-1/16 (230)

1. Using the measurements shown, mark screw hole center locations. Mark four (4) holes on door to mount door closer and four (4) holes on frame to mount parallel bracket.
2. Drill pilot holes in door and frame, drill 7/32” (5.5mm) diameter holes for self-tapping screws or drill and tap #7-1/2” diameter for 1/4-20 machine screws.
3. Install Parallel bracket to frame using screws (g) or (h).
4. Mount closer on door using screws (c) or (d).
5. Place main arm on closer pinion shaft, indexing main arm mark “L” or “R” with pinion flat as shown in Figure 1. Secure tightly with screw/washer (e).
6. Remove arm shoe from forearm, install rod and forearm to bracket using the screw (g), (i).
7. With door closed, adjust length of forearm so that the tip of the main arm is approximately 1” (25mm) away from being parallel with door, when connected to the forearm. Secure with screw/washer (f).
8. Adjust door’s closing speed and power, see below.

The closing force is adjustable from a size 1 to size 4, as outlined in ANSI Standard A156.4. When these series of door closers are installed and adjusted to conform to ADA reduced opening force requirements (5 lbs max.) for Interior doors, they may not have adequate closing force to reliably close and latch door. Power adjustments charted on this page are recommended where possible, to ensure proper door control.

By law the Americans with Disabilities Act (ADA) may require that door closer installation comply with accessibility guidelines.