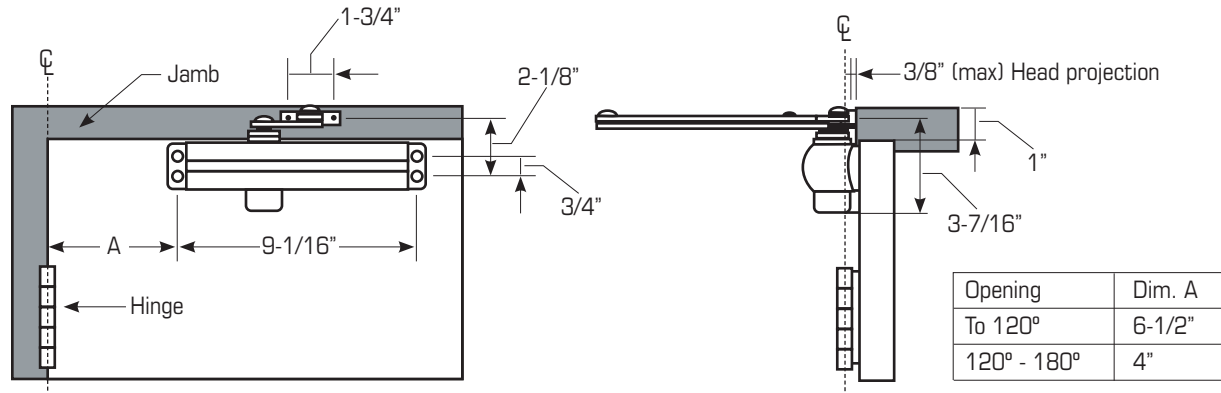


# C5000 Series Door Closer Installation

Standard and Top-Jamb Installation

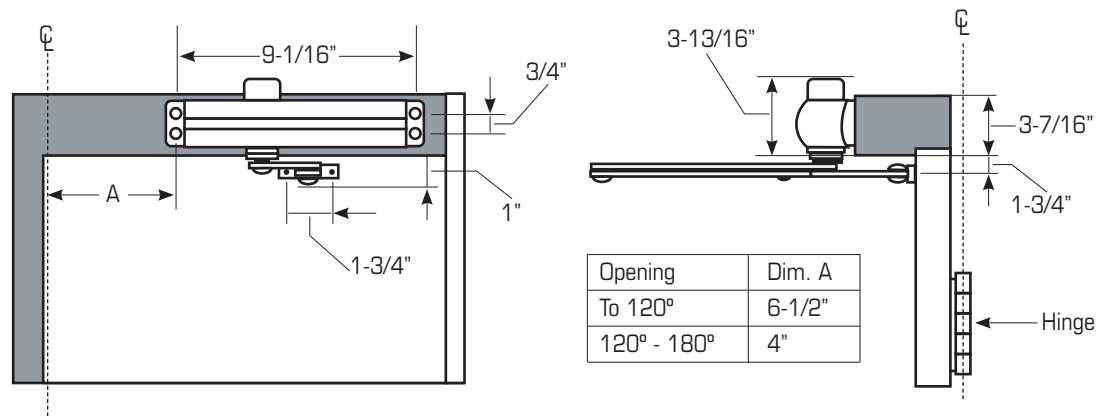
## STANDARD INSTALLATION:

Regular arm application provides the best power efficiency. It is the only installation that installs on the hinge (pull) side of the door. Regular arm applications require at least 1-3/4" from top of door to ceiling so arm does not hit the ceiling and at least 2-1/2" behind door when door is opened to 90°, so closer body will not damage the wall.



## TOP-JAMB INSTALLATION:

Top-jamb application is the best alternative to regular arm for power efficiency. It is installed on the frame stop (push) side of the door. It is frequently used on doors with a narrow top rail, such as exterior aluminum storefront doors. Top-jamb applications require the frame to be at least 1-3/4" in height, or else a drop plate must be used (a drop plate provides a mounting surface for the door closer).



**GENERAL LOCK**

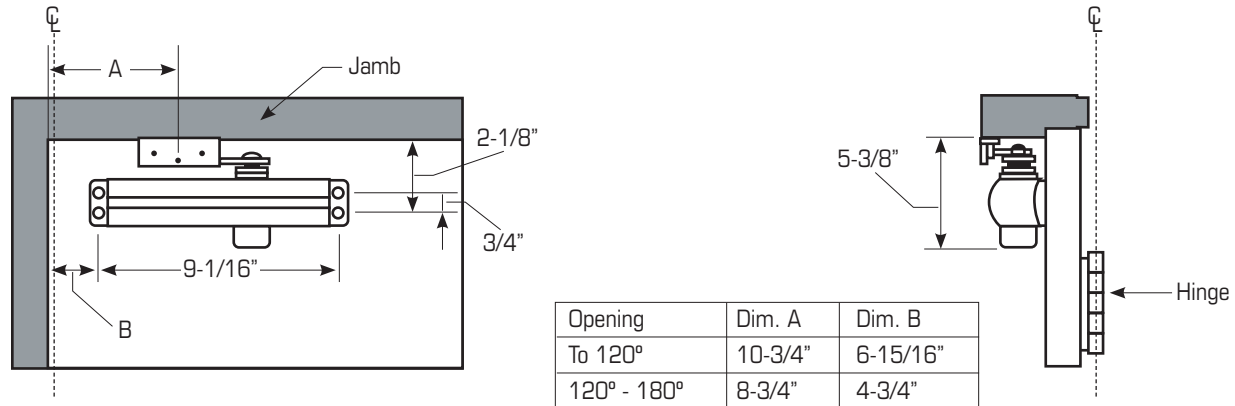
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## C5000 Series Door Closer Installation

### Parallel Arm Installation and Specifications

#### PARALLEL ARM INSTALLATION:

Parallel arm application is the least power efficient. It provides approximately 25% less power than regular arm. It is installed on the frame stop (push) side of the door. Since it is parallel with the door, it is chosen for appearances and is least susceptible to vandalism, making it a popular choice in schools. Parallel arm applications require at least 4-1/2" from the top of the door to the bottom mounting point of the door closer, or else a drop plate must be used.



#### SPECIFICATIONS:

Closer for interior and exterior door shall be rack-and-pinion type with a cast aluminum body. Closer shall be non-handed to permit installation on either side of the door. Closer shall be supplied with a standard shoe and soffit plate to allow standard, top-jamb, or parallel installation. Closer shall contain hydraulic fluid that is non-gumming and non-freezing. Door closer shall have two separate, adjustable regulating valves to control sweeping and latching speeds. Closer shall come standard with backcheck feature. Closer shall fit into hole patterns 9-1/16" in width (two holes on each end) and shall be supplied with machine screw and sex nuts and bolts. Closer is ANSI 156.4 Grade 1 and UL Listed for use on labeled fire doors.

**GENERAL LOCK**

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— Product Guide 103.1 — D:17

## C5000 Series Door Closer Installation

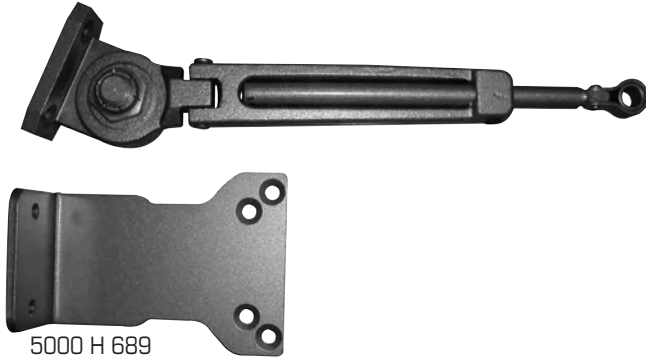
Covers, Arms, Drop Plates, and Power Adjustment Chart

### COVERS:

Optional covers are available in either aluminum or duranodic finishes.

### ARMS:

The C5000 Series offers optional mechanical hold-open arms and friction hold-open arms in aluminum and duranodic finishes.



### DROP PLATES:

The C5000 Series offers an optional drop plate in aluminum and duranodic finishes. The drop plate is suitable for conditions where overhead clearance is less than 1-3/4" or to provide clearance for a surface-applied stop.



### C5000 SERIES POWER ADJUSTMENT CHART:

Power Size	Number of Turns (Adjustment)		Maximum Door Size (inches)		Weight of Door (lb)
	C5025	C5014	C5025	C5014	
1	-	0		36	66-99
2	0	3	36	42	99-143
3	4	8	42	48	143-187
4	10	14	48	54	187-264
5	16	-	52		264-330

**GENERAL LOCK**

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