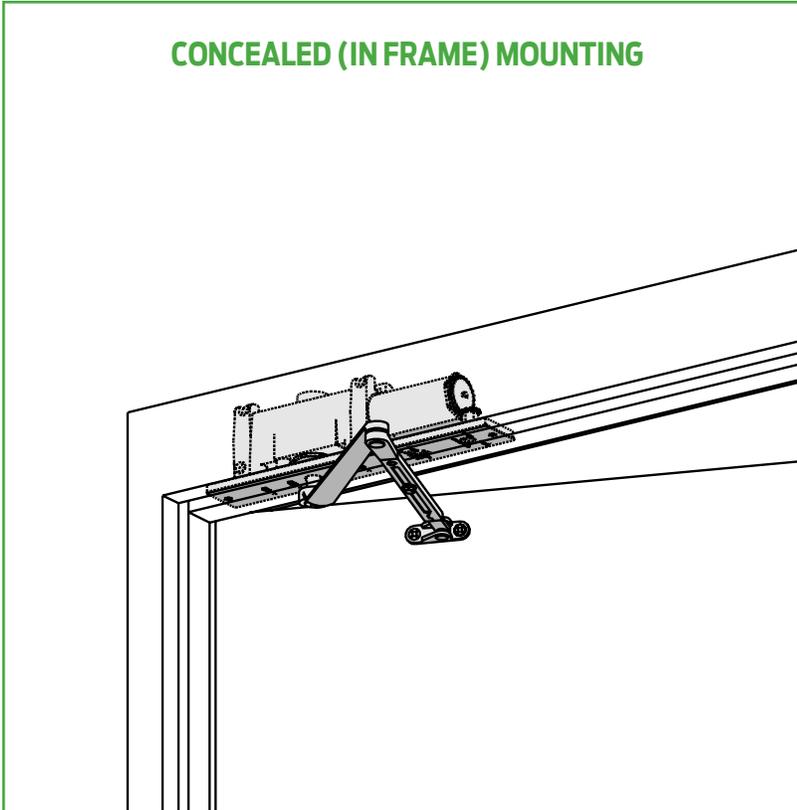


# 5010 SERIES

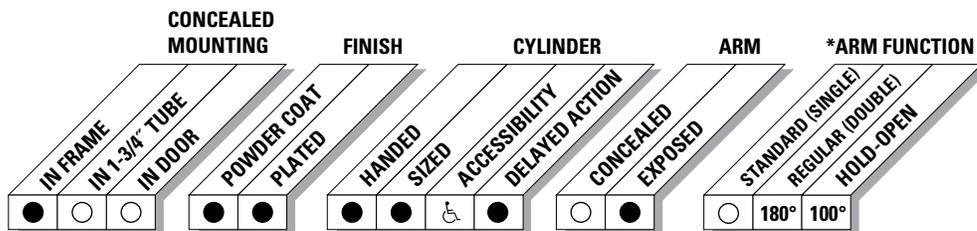
## CONCEALED (IN FRAME) MOUNTING



The concealed 5010 Series is a heavy duty closer designed for institutional, high traffic, or other applications exposed to weather or abuse. The double lever arm provides superior door control and a choice of finishes, cylinder functions, and arm functions that meet virtually all architectural requirements.

The 5010 Series is UL and cUL listed with regular arms for self-closing doors. Tested and certified under ANSI Standard A156.4, grade one.

- Standard 5010 Series closer shipped with regular arm, metal finish plate, and wood and machine screw pack. See 5010 Series page 23 for options.
- Sized cylinders for interior doors to 5'0" and exterior doors to 4'0".
- Handed for right or left swinging doors.
- For hollow metal or wood, door and frame.
- Aluminum frame requires minimum 4" (102 mm) x 4" tube.
- Closers to meet ADA requirements. See 5010 Series page 24.
- Standard or optional custom powder coat finish.
- Optional plated finish on finish plate, arm, and fasteners.
- Optional SRI primer for installations in corrosive conditions. (Available with powder coat finishes only.)



● AVAILABLE  
○ NOT AVAILABLE

♿ Closer available with less than 5.0 lbs. opening force on 36" door.

\* Maximum opening/hold-open point with standard template. See individual closer series for degrees of opening per installation.

# 5010 SERIES

## CONCEALED MOUNTING

For interior or exterior doors.  
Single acting cylinder in head frame.  
Exposed arm on push side of door.

## MAXIMUM OPENING

Butt hung doors can be templated for 100°,

Ⓐ = 10-3/16" (259 mm)

Ⓑ = 12" (305 mm)

or 180°,

Ⓐ = 5-1/2" (140 mm)

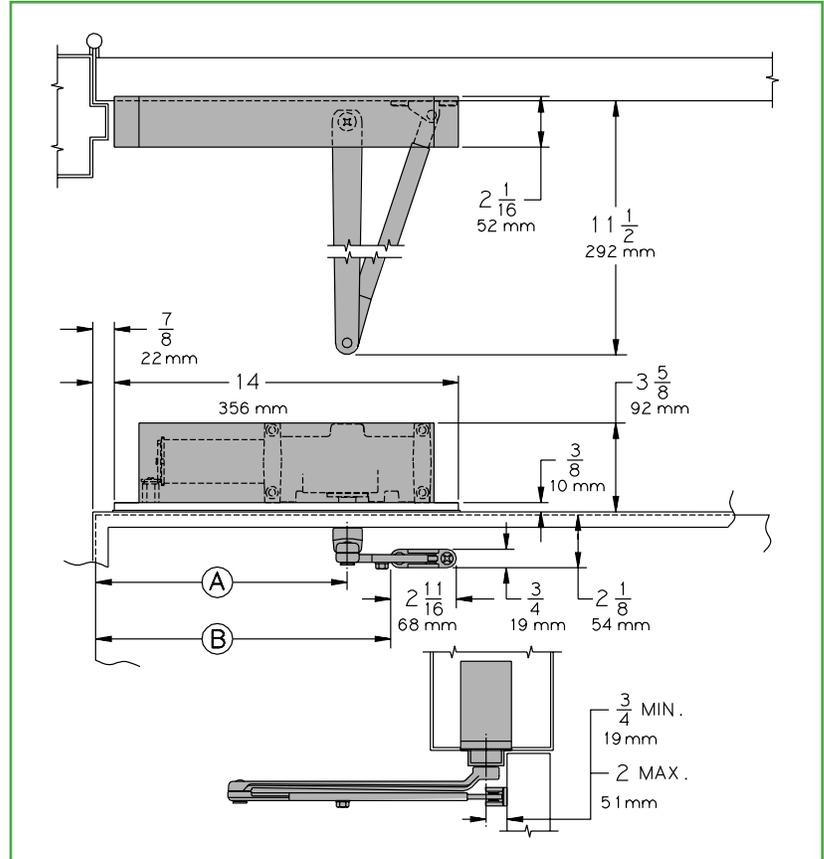
Ⓑ = 7-5/16" (186 mm)

trim permitting.

Hold-open points up to 100° only with hold-open arm.

Center pivot mounting restricts opening to 140°.

Offset pivot mounting allows up to 180°, trim permitting.



- **Butt Hinges** should not exceed 6" (152 mm) in width.
- **Auxiliary Stop** is recommended at hold-open point or where a door cannot swing 180°.
- **Top Rail** minimum 2-1/8" (54 mm) required.
- **Delay Action** Add suffix "DEL" to selected cylinder (eg. 5014 DEL). Not available with 5016 cylinder. Delays closing from maximum opening to approximately 70°. Delay time adjustable up to approximately 1 minute.

### Options

- Delayed action cylinder.
- Hold-open.

### Special Templates

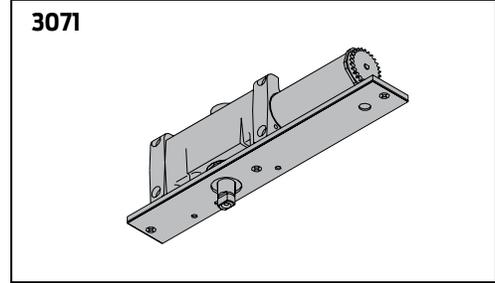
Customized installation templates or products may be available to solve unusual applications. Contact LCN Product Support for assistance.

# 5010 SERIES

## CYLINDERS

### CYLINDER, 5010-3071

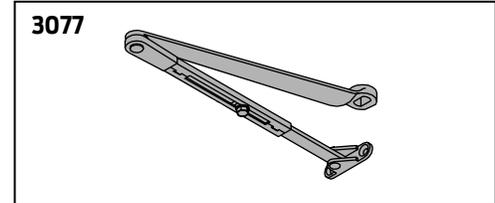
Standard, handed, cast iron cylinder assembly with mounting plate.  
For various applications see "Table of Sizes" on 5010 Series page 24.



## ARMS

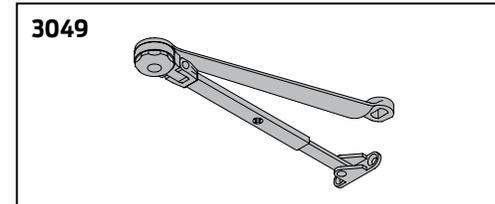
### REGULAR ARM, 5010-3077

Non-handed arm.



### HOLD-OPEN ARM, 5010-3049

Optional, handed arm provides hold-open function for 100° Template, adjustment at elbow.



# 5010 SERIES

## TABLE OF SIZES

Select closer based on width of door.  
 Series cylinders available in size 1, 2, 3, 4, 5, or 6.  
 Closing power of all 5010 Series closers may be increased 50%.  
 Specify next higher size closer where strong drafts exist.  
 Delayed action not available with 5016 cylinder.

### EXTERIOR (and VESTIBULE) DOOR WIDTH

	24" 610mm	30" 762mm	36" 914mm	42" 1067mm	48" 1219mm
	size 3	size 4	size 5	size 6	
5013	→				
5014		→			
5015			→		
5016				→	

Minimum Door Width

### INTERIOR DOOR WIDTH

	24" 610mm	34" 864mm	38" 965mm	48" 1219mm	54" 1372mm	60" 1524mm
	size 2	size 3	size 4	size 5	size 6	
5012	→					
5013		→				
5014			→			
5015				→		
5016					→	

Minimum Door Width

→ Indicates recommended range of door width for closer size.

## REDUCED OPENING FORCE 5010 CLOSERS

**CAUTION!** Any manual door closer, including those certified by BHMA to conform to ANSI Standard A156.4, that is selected, installed and adjusted based on ADA or other reduced opening force requirements may not provide sufficient power to reliably close and latch a door.

Refer to POWER OPERATORS section for information on systems that meet reduced opening force requirements without affecting closing power.

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	5012	5013	5013
	5.0* lbs.	5011	5011	5012

\* Maximum opening force.

## HOW-TO-ORDER 5010 SERIES CLOSERS

### 1. SELECT CYLINDER SIZE

- 5011 (ADA)
- 5012
- 5013
- 5014
- 5015
- 5016 (DEL not available)

### 2. SPECIFY HAND

- RH
- LH

### 3. SPECIFY FINISH

- Standard Powder Coat \_\_\_\_\_  
Aluminum, Dark Bronze, Statuary,  
Light Bronze, Black, Brass.

### Closer will be shipped with:

- FINISH PLATE,
- REGULAR ARM,
- WOOD and MACHINE SCREW PACK,  
*unless options listed below are selected.*

## CLOSER OPTIONS

### CYLINDER FUNCTION

- Delayed Action (DEL)

### ARM

- Hold-Open (H)

### FINISHES

- Custom Powder Coat (RAL) \_\_\_\_\_
- Plated Finish, US \_\_\_\_\_
- SRI primer (use with powder coat finishes only)

### SCREW PACK

- TORX Machine Screw (TORX)

### SPECIAL TEMPLATE

- ST- \_\_\_\_\_