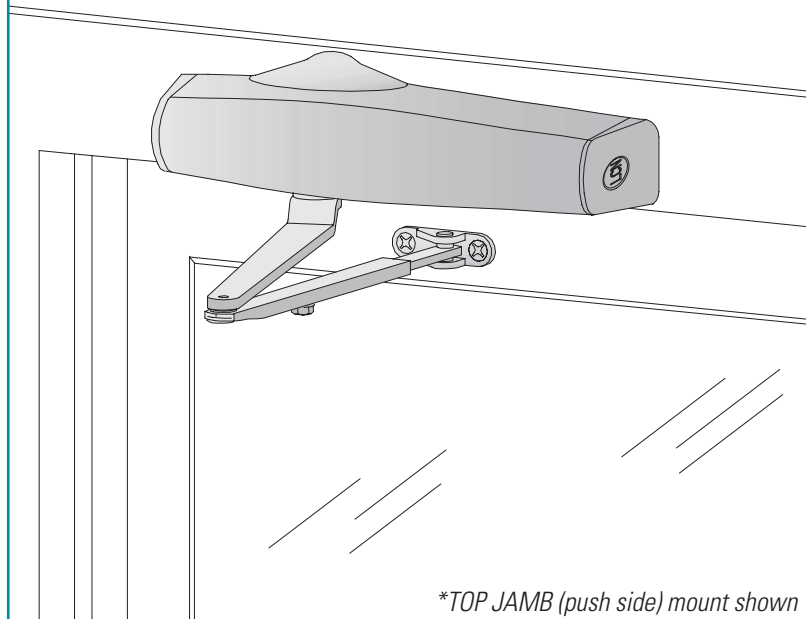


# LCN 1370 SERIES

FEATURES

**Fastest Closer Ever Installed!**

**CLOSER MOUNTS  
HINGE (PULL) SIDE  
\*TOP JAMB (PUSH SIDE)  
PARALLEL ARM (PUSH SIDE)**



*The LCN Quest® 1370 Series is the "Fastest Closer Ever Installed".*

*The LCN Quest® features a contemporary design with the unique Rapidor™ mounting bracket, stick-on installation templates, self reaming & tapping screws, as well as easy to use mounting instructions. The 1370 is designed for use on narrow 1 3/4" head frames.*

*The 1370 Series is UL and ULC listed for self-closing doors without hold-open. Tested and certified under ANSI Standard A156.4, grade one.*

- ▶ Standard 1370 series closer shipped with regular arm, self reaming & tapping screws, standard plastic end-caps and shaft cover. See 1370 Series page 13 for options.
- ▶ Non-sized 1-5
- ▶ Closer mounts, using the Rapidor mounting bracket, hinge side, top jamb, and parallel arm, on either right or left swinging doors.
- ▶ Closer meets ADA requirements. See 1370 Series page 14.
- ▶ Standard powder coat finish.
- ▶ Optional SRI primer for installations in corrosive conditions.

MOUNTING					FINISH			COVER		CYLINDER				*ARM FUNCTION							
HINGE (PULL SIDE)	TOP JAMB (PULL)	TOP JAMB (PUSH)	PARALLEL ARM	STOP FACE	POWDER COAT	PLATED	PLASTIC	METAL	DESIGNER SERIES	NON-HANDED	NON-SIZED	ACCESSIBILITY	DELAYED ACTION	REGULAR (DOUBLE)	STANDARD (SINGLE)	HEAVY DUTY	HOLD-OPEN	EDA/HEDA	CUSH/HCUSH	SCUSH/SHCUSH	
●	○	●	●	○	●	○	○	○	○	●	●	♿	●	180°	○	○	180°	○	○	○	○

● Available  
○ Not available

♿ Closer available with less than 5.0 lbs. opening force on 36" door.  
\* Maximum opening/hold-open point with standard template. Hinge side mount.

**LCN®**

# LCN 1370 SERIES

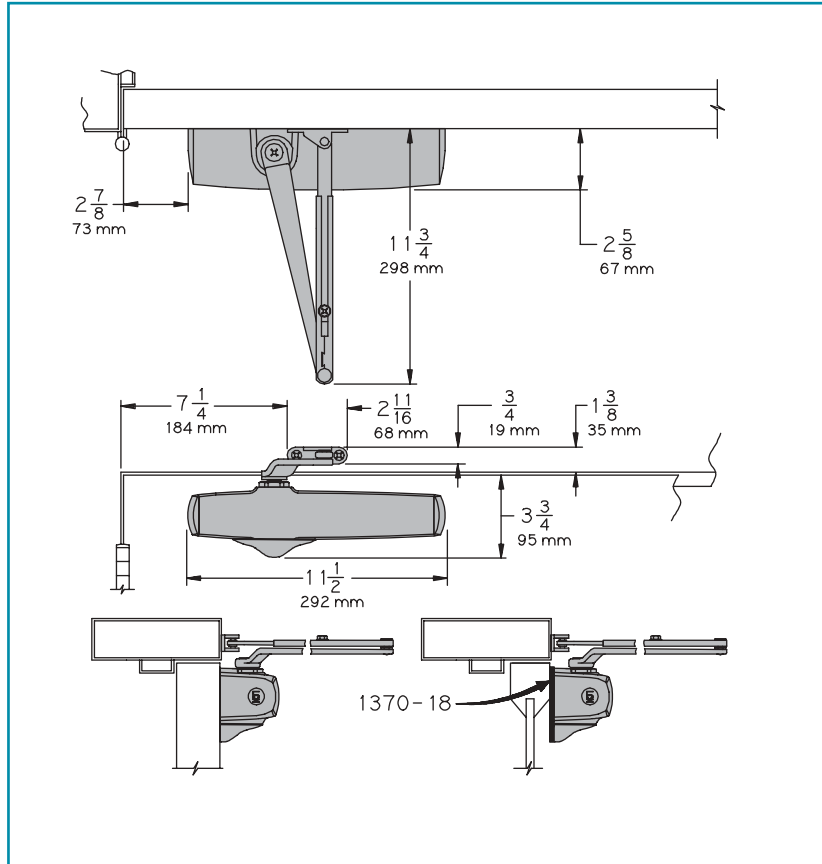
## MOUNTING DETAILS

### HINGE (PULL) SIDE MOUNTING

#### MAXIMUM OPENING

Can be templated for 180° (trim permitting).

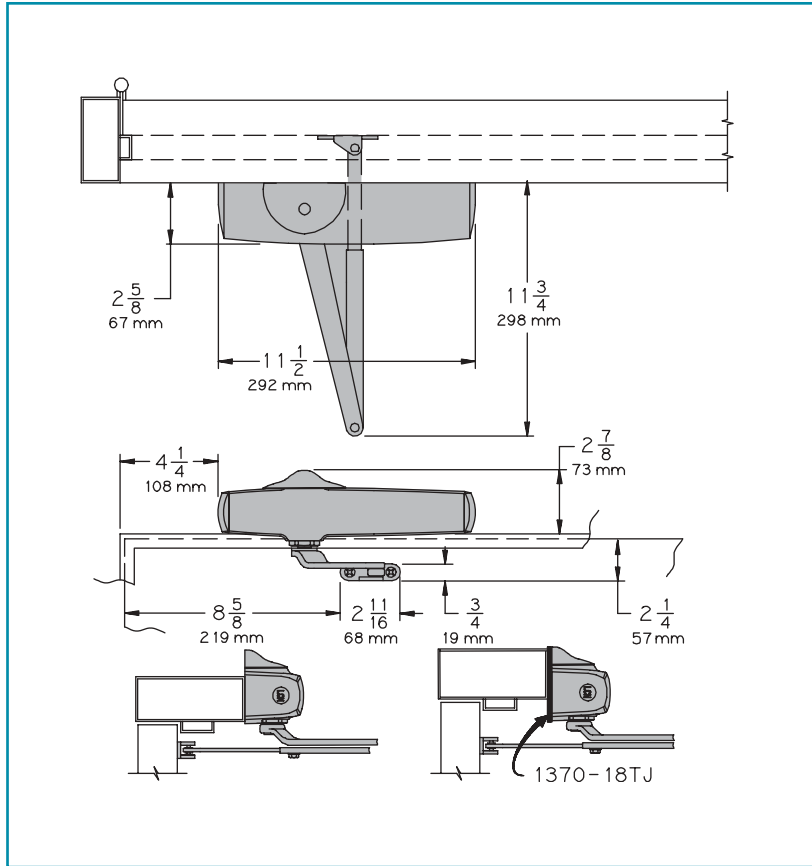
Hold-open points up to maximum opening with hold-open arm.



- ▶ **Butt Hinges** should not exceed 5" (127 mm) in width.
- ▶ **Auxiliary Stop** is recommended at hold-open point or where a door cannot swing 180°.
- ▶ **Reveal** should not exceed 3/4" (19 mm) for regular arm or 1/2" (13 mm) for hold-open arm.
- ▶ **Top Rail** less than 2 1/2" (64 mm) requires PLATE, 1370-18. Plate requires 1 1/2" (38 mm) minimum.
- ▶ **Clearance** of 2 5/8" (67 mm) behind door required for installation.
- ▶ **Delayed Action** Add suffix "DEL" to selected cylinder (eg. 1370 DEL). Delays closing from maximum opening to approximately 70°. Delay time adjustable up to approximately 1 minute.

#### Options

- ▶ Hold-open Arm.
- ▶ Delayed Action Cylinder.



### TOP JAMB (PUSH SIDE) MOUNTING

#### MAXIMUM OPENING

Can be templated for  
180° (trim permitting).

Hold-open points up to maximum  
opening with hold-open arm.

- ▶ **Butt Hinges** should not exceed 5" (127 mm) in width.
- ▶ **Auxiliary Stop** is recommended at hold-open point or where the door cannot swing 180°.
- ▶ **Reveal** of 2 1/2" (64 mm) allows 180° opening.  
3 1/2" (89 mm) allows up to 180° opening with LONG ARM where standard ROD and SHOE is replaced with optional LONG ROD and SHOE (1370-79LR).
- ▶ **Top Rail** requires 2 1/4" (57 mm) minimum.  
3 1/2" (89 mm) minimum with closer on PLATE, 1370-18TJ.
- ▶ **Head Frame** less than 1 1/2" (38 mm) requires PLATE, 1370-18TJ.  
Use PLATE, 1370-18TJ for flush ceiling condition with 2" (51 mm) head frame. Plate requires 1 1/4" (32 mm) minimum.
- ▶ **Delayed Action** Add suffix "DEL" to selected cylinder (eg. 1370 DEL).  
Delays closing from maximum opening to approximately 70°. Delay time adjustable up to approximately 1 minute.

#### Options

- ▶ Long arm.
- ▶ Hold-open arm.
- ▶ Delayed Action Cylinder.

# LCN 1370 SERIES

## MOUNTING DETAILS

### PARALLEL ARM (PUSH SIDE) MOUNTING

Optional mounting requires PA SHOE, 1370-62PA for REGULAR or HOLD-OPEN arms. Add prefix "P" to closer description (e.g. P1370). P1370 closer includes 1370-201 FIFTH HOLE SPACER to support PA SHOE.

### MAXIMUM OPENING

Can be templated for 100°,

$$\textcircled{A} = 5 \frac{3}{4}'' (146 \text{ mm})$$

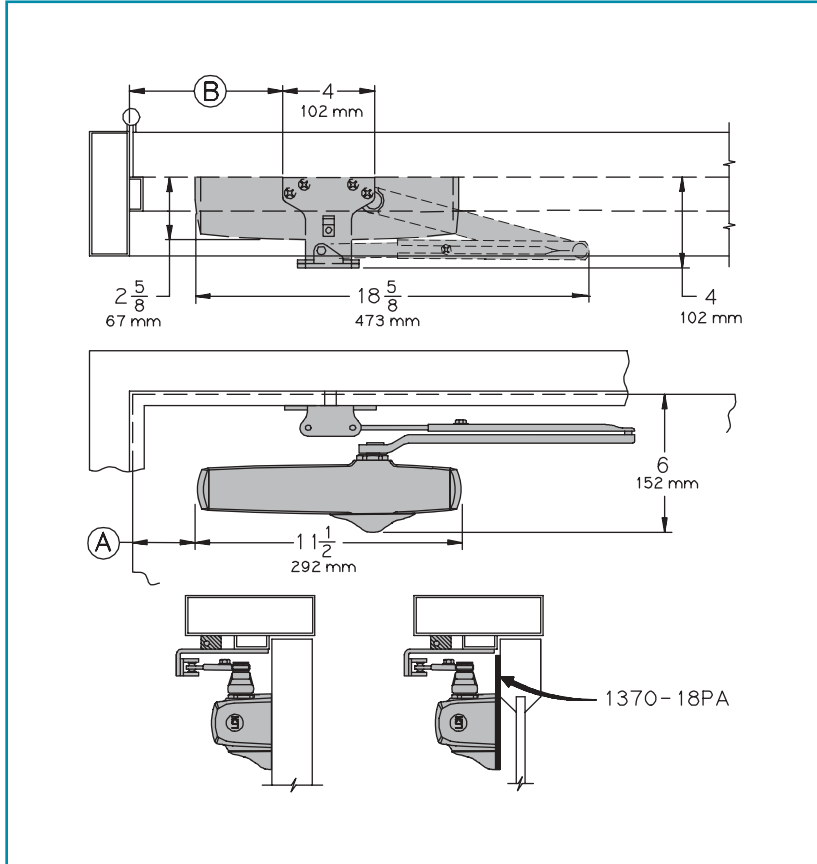
$$\textcircled{B} = 9 \frac{7}{8}'' (251 \text{ mm})$$

or 180°.

$$\textcircled{A} = 2 \frac{3}{4}'' (70 \text{ mm})$$

$$\textcircled{B} = 6 \frac{7}{8}'' (175 \text{ mm})$$

Hold-open points up to maximum opening with hold-open arm.



- ▶ **Butt Hinges** should not exceed 4 1/2" (114 mm) in width.
- ▶ **Auxiliary Stop** is recommended at hold-open point or where a door cannot swing 180°.
- ▶ **Clearance** for 1370-62PA shoe is 4" (102 mm) from door face.
- ▶ **Top Rail** less than 4 1/2" (114 mm) measured from the stop requires **PLATE, 1370-18PA**.  
Plate requires 2 1/4" (57 mm) minimum.
- ▶ **Stop Width** minimum 1" (25 mm).
- ▶ **Head Frame** flush or single rabbeted requires **PA SHOE ADAPTER, 1370-418**,
- ▶ **Blade Stop Spacer, 1370-61** required for PA arm to clear 1/2" (13 mm) blade stop.
- ▶ **Delayed Action** Add suffix "DEL" to selected cylinder (eg. P1370 DEL). Delays closing from maximum opening to approximately 75°. Delay time adjustable up to approximately 1 minute.

### Options

- ▶ Hold-open arm.
- ▶ Delayed action cylinder.

## CYLINDERS

### CYLINDER, 1370-3071

Standard, non-handed cast iron cylinder assembly.

## ARMS

### REGULAR ARM, 1370-3077

Non-handed arm mounts pull side, top jamb with shallow reveal, and parallel arm.

### PA SHOE, 1370-62PA

Required for parallel arm mounting.

### LONG ARM, 1370-3077L

Includes LONG ROD AND SHOE, 1370-79LR for top jamb mount with deep reveal.

### HOLD-OPEN ARM, 1370-3049

Optional, non-handed arm mounts pull side, top jamb with shallow reveal, and parallel arm. Hold-open adjustable at shoe.

### COVER CAPS SET, 1370-72

Set contains (1) plastic non-handed shaft cover & screw, (2) plastic non-handed end caps.

### SHAFT COVER, 1370-146

Plastic, non-handed w/screw.

### END CAP, 1370-334

Plastic, non-handed.

## INSTALLATION ACCESSORIES

### PLATE, 1370-18

Required for hinge side mount where top rail is less than 2 1/4" (57 mm). Plate requires 1 1/2" (38 mm) top rail.

### PLATE, 1370-18TJ

Required for top jamb mounting where head frame is less than 1 1/2" (38 mm) or minimum 2" (51 mm) flush ceiling condition exists. Plate requires minimum 1 1/4" (32 mm) minimum head frame and minimum 3 1/2" (89 mm) top rail of door.

### PLATE, 1370-18PA

Required for parallel arm mounting where top rail is less than 4 1/2" (114 mm), measured from the stop.

Plate requires 2 1/4" (57 mm) minimum top rail.

### BLADE STOP SPACER, 1370-61

Lowers parallel arm shoe to clear 1/2" (13 mm) blade stop.

### TOP JAMB DROP SHOE BRACKET, 1370-63

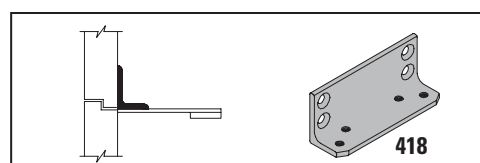
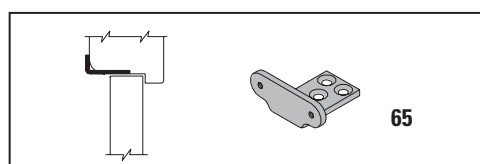
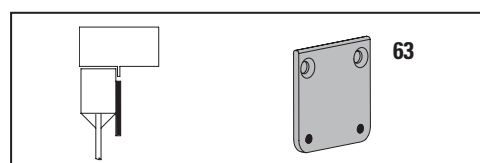
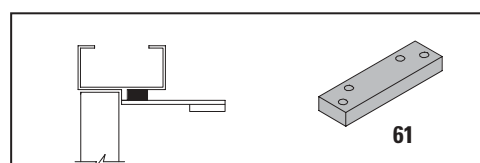
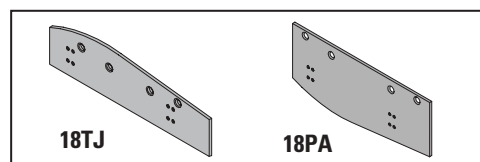
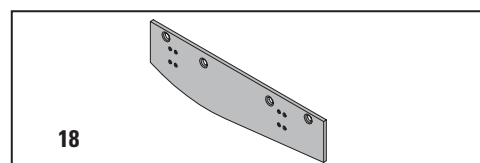
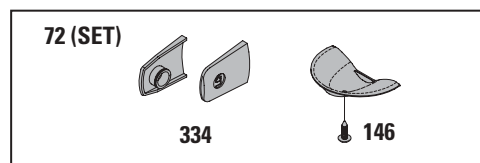
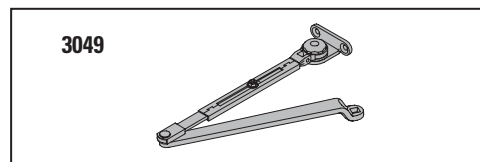
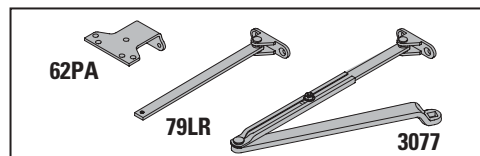
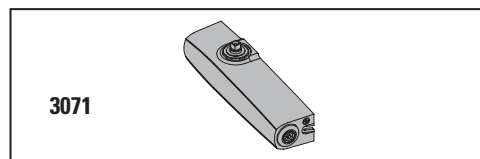
For use in top jamb applications along with a 1371-18TJ drop plate and a top rail of 2" (51 mm) minimum.

### SOFFIT SHOE, 1370-65

Adapts hinge side shoe to rounded or bull nose trim.

### FLUSH TRANSOM ADAPTER, 1370-418

Provides horizontal mounting surface for parallel arm shoe on single rabbeted or flush frame.



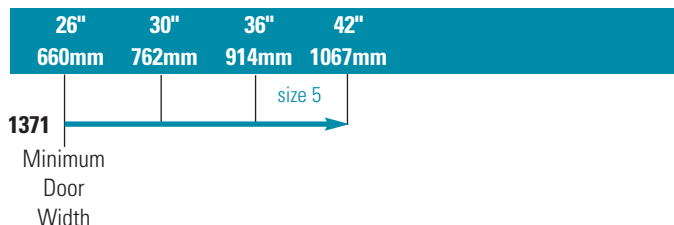
# LCN 1370 SERIES

**TABLE OF SIZES** Select closer based on width of door. Non-sized 1371 cylinder is adjustable from sizes 1 to 5\* and is shipped set to size 3.

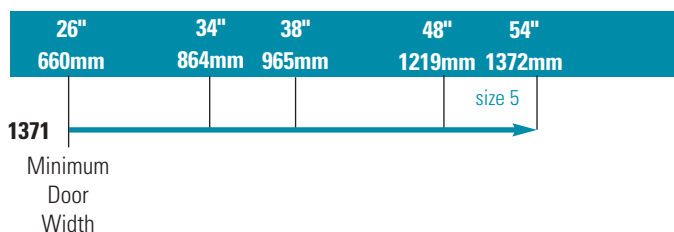
\*PA mount adjustable sizes 1-4

→ Indicates recommended range of door width for closer size.

## EXTERIOR (and VESTIBULE) DOOR WIDTH



## INTERIOR DOOR WIDTH



## REDUCED OPENING FORCE 1370 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.	1371	1371	1371
	5.0* lbs.	1371	1371	1371

\* Maximum opening force

## HOW-TO-ORDER 1370 SERIES CLOSERS

### 1. SELECT FINISH

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

### Closer will be shipped with:

- STANDARD CYLINDER
- REGULAR ARM
- SELF REAMING & TAPPING SCREW PACK,  
unless options listed below are indicated.

## CLOSER OPTIONS

### CYLINDER

- Delayed action (DEL)

### ARM

- Regular w/62PA (Rw/PA)
- Long (LONG)
- Hold-Open (H)
- Hold-Open w/62PA (Hw/PA)

### FINISH

- SRI primer

### SCREW PACK

- Wood & Self-Reaming and Tapping Screws (WSRT)
- TB\* w/Self-Reaming and Tapping Screws (TBSRT)

(\* Specify door thickness if other than 1 3/4")

### INSTALLATION ACCESSORIES

- Plate, 1370-18
- Plate, 1370-18TJ
- Plate, 1370-18PA
- Blade Stop Spacer, 1370-61
- Drop Shoe Bracket, 1370-63
- Soffit Shoe, 1370-65
- Flush Transom Adapter, 1370-418