CONCEALED (IN FRAME) MOUNTING
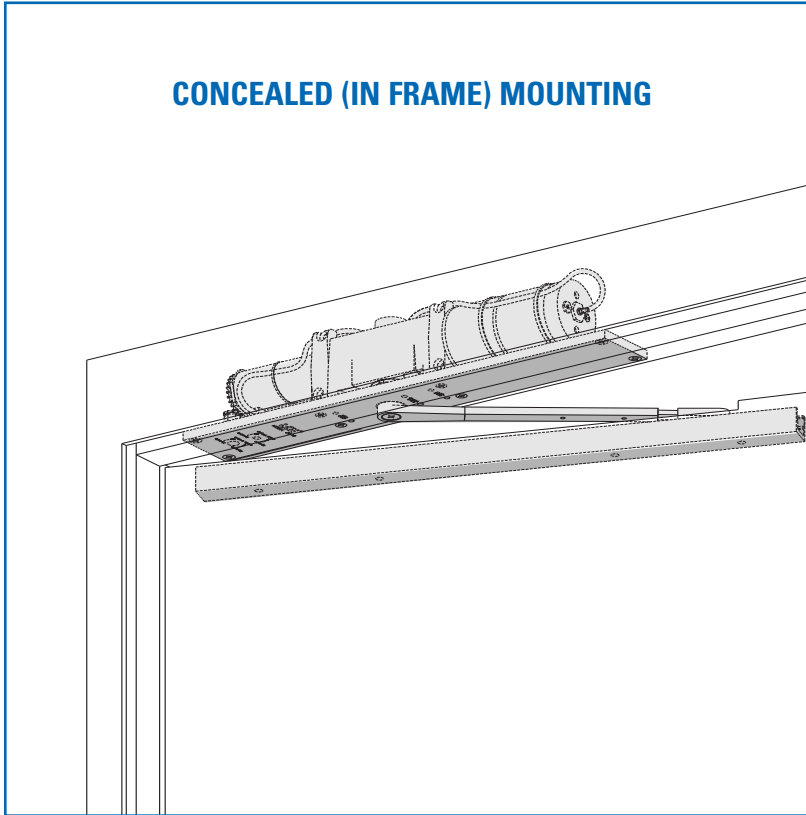

The 2610 AUTO EQUALIZER™ is LCN's pneumatically powered MULTI-DOOR solution. This low-energy power operator provides easy access for people with disabilities, the elderly, or the frail. Designed primarily for manual opening applications that occasionally require automatic opening.

▶ **Multi-Door Solution**

▶ **Utilizes a 10,000,000 Cycle Heavy Duty Door Closer**

▶ **Quiet, Efficient & Reliable**

▶ **Requires Control Boxes with integral compressor or control box using auxiliary air supply.**

▶ **No Guard Rails/Safety Mats Required**

The 2610 Series is UL228 and meets the provisions of ANSI Standard A117.1, A156.19 and the Americans with Disabilities Act.

▶ Ideal for multi-door applications since cost per door leaf decrease significantly as the number of door leaves increases.

▶ Standard 2610 series closer shipped with single lever (standard) arm, mounting/finish plate, standard track and wood and machine screw pack. See 2610 Series page 13 for options.

▶ Meets ADA requirements (power mode).

▶ Sized cylinders for interior doors to 4'0" and exterior doors to 3'0".

▶ Handed for right or left swinging doors.

▶ Requires additional system components. See CONTROL BOX pages 28-30 and ACTUATORS & ACCESSORIES, pages 199-215.

▶ Standard or optional custom powder coated finish.

▶ Optional plated finish on arm, fasteners, and mounting/finish plate.

MOUNTING				FINISH		COVER		CYLINDER					*ARM FUNCTION				
TOP JAMB (PULL SIDE)	TOP JAMB (PUSH SIDE)	PARALLEL ARM	CONCEALED	POWDER COAT	PLATED	PLASTIC	METAL	NON-HANDED	NON-SIZED	ACCESSIBILITY*	POWER OPERATOR	HOLD-OPEN	STANDARD (SINGLE)	REGULAR (DOUBLE)	EXTRA DUTY ARM	CUSH-N-STOP	SPRING CUSH
○	○	○	●	●	●	○	●	○	○	♿	●	○	90° ○	○	○	○	○

● **AVAILABLE**

○ **NOT AVAILABLE**

♿ *Meets ADA requirements (power mode).*
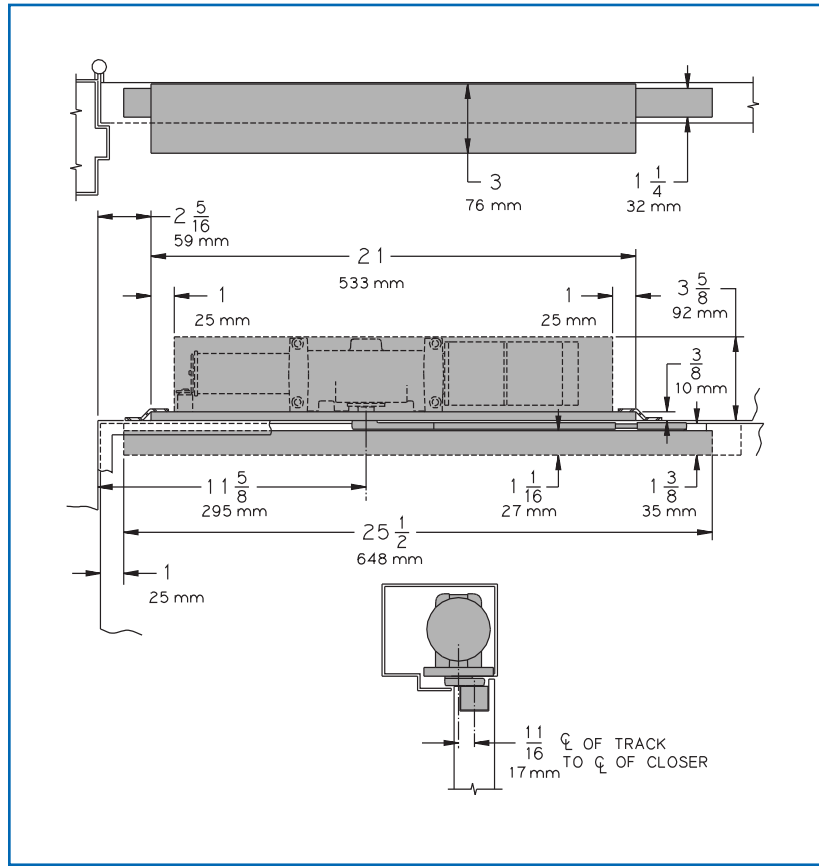* *See individual series for maximum manual opening.*

LCN®

LCN 2610 SERIES

CONCEALED MOUNTING

For interior or exterior doors.
Single acting cylinder in head frame.
Concealed arm and track in door
top rail.

MAXIMUM OPENING

Butt hinge template allows 90° power
opening and 160° manual opening.

**Consult factory for all pivot
mounted installations.**

▶ **Butt Hinges** should not exceed 5" (127 mm) in width.

▶ **Auxiliary Stop is recommended.**

▶ **Head Frame** minimum 4" (102 mm) x 4" for hollow metal or aluminum
tube construction.

▶ **Top Rail** 1 3/8" (35 mm) mortise required.
5/16" (8 mm) cutout required at top of the door, push side only.

▶ **System Diagram** See "AUTOMATIC OPERATORS" section pages 8-9 for
typical system wiring, and page 30 for electrical and pneumatic data for
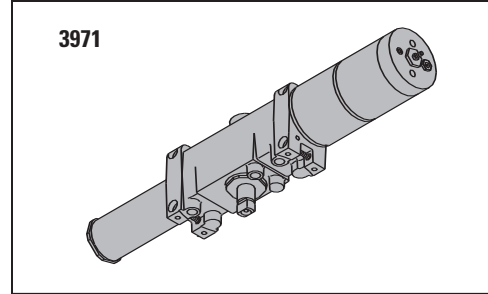control boxes.

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

LCN®

CYLINDERS
CYLINDER ONLY, 2610-3971
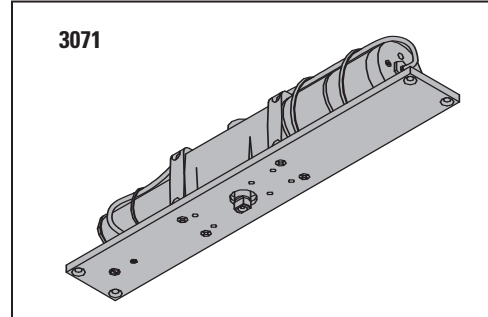Standard, handed, cast iron cylinder.
NOTE: For various applications see "Table of Sizes" page 14.

3971

CYLINDER ASSEMBLY, 2610-3071
Standard, handed, cast iron cylinder and mounting plate.
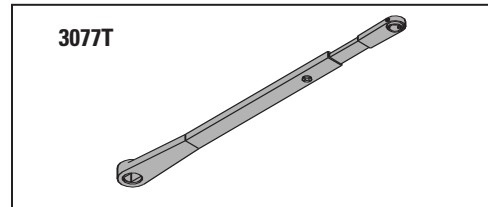NOTE: For various applications see "Table of Sizes" page 14.

3071

ARMS
STANDARD ARM, 2610-3077T
Handed arm.
Track roller not included with arm.
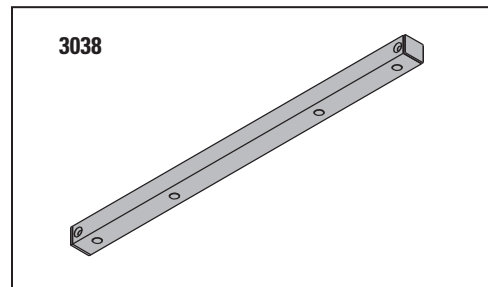
3077T

TRACK
STANDARD TRACK, 2610-3038
Standard non-handed track.
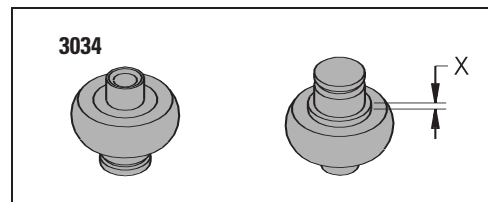Will not accept hold open clip or bumper assembly.

3038

INSTALLATION ACCESSORIES
TRACK ROLLER, 2610-3034
Quiet, low friction roller assembly.
Shoulder dimension "X" = 1/16" (1 mm).

3034

X

LCN®

13

LCN CLOSERS
121 W. RAILROAD AVE.
P.O. BOX 100
PRINCETON, IL, USA 61356-0100

PHONE 800-526-2400
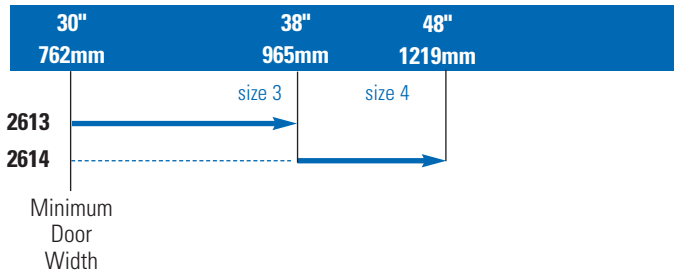FAX 800-248-1460
www.lcn.ingersollrand.com
8/07

LCN 2610 SERIES

TABLE OF SIZES
Select closer based on width of door.
Sized 2610 series cylinders available in size 3 or 4.
Closing power of all 2610 Series closers may be increased 15%.

➤ Indicates recommended range of door width for closer size.
NOTE: Minimum door width 30" (762 mm).

EXTERIOR (and VESTIBULE) DOOR WIDTH

30" 762mm	36" 914mm	
2614	size 4 ➤	

Minimum
Door
Width

INTERIOR DOOR WIDTH

30" 762mm	38" 965mm	48" 1219mm
	size 3	size 4
2613	➤	
2614	┄┄┄┄	➤

Minimum
Door
Width

HOW-TO-ORDER
2610 SERIES CLOSERS

1. SELECT CYLINDER SIZE.
☐ 2613
☐ 2614

2. SPECIFY HAND.
☐ RH
☐ LH

3. SPECIFY FINISH.
☐ Standard Powder Coat _____
Aluminum, Dark Bronze, Tan, Statuary,
Light Bronze, Black, Brass.

> *Closer will be shipped with:*
> *- STANDARD ARM,*
> *- TRACK ROLLER,*
> *- STANDARD TRACK,*
> *- WOOD and MACHINE SCREW PACK,*
> * unless options listed below are selected.*

CLOSER OPTIONS

FINISH
☐ Custom Powder Coat (RAL) _____
☐ Plated Finish, US _____

SCREW PACK
☐ TB*, Wood & Machine Screw (TBWMS)
☐ TORX Machine Screw (TORX)
☐ TB* & TORX Machine Screw (TBTRX)
*Specify door thickness if other than 1 3/4".

SPECIAL TEMPLATE
☐ ST-_____