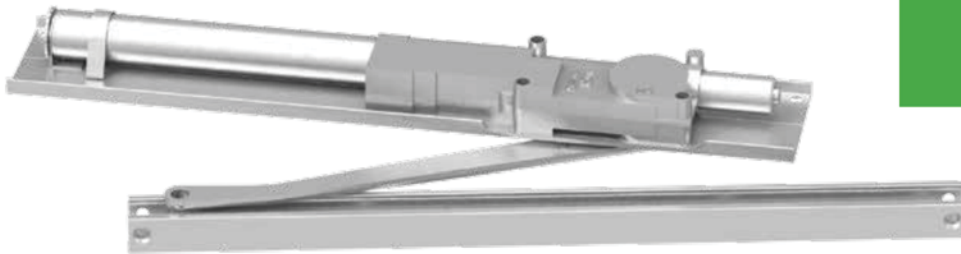


2030 Series

Features



The concealed 2030 Series PACER® is a heavy duty closer designed to fit in a narrow, minimum 1-3/4" aluminum transom. The single lever arm and roller assembly provide smooth, quiet door control and the choice of finishes and track functions meet virtually all architectural requirements.

Certifications Grade 1 - ANSI A156.4, UL 10 C, ADA, 100 Hour Salt Spray, Meets BAA - Buy American Act

Body Construction

- Cast Iron Body
- Full Complement Bearing
- 1 1/8" Diameter Piston
- 1 1/16" Diameter Double Heat Treated Pinion Journal

Fluid All Weather Fluid

Handing Handed

Size Sized 1-5

Warranty 15 years

Fasteners Wood and Machine Screw Pack

Mounting Concealed (in tube); aluminum frame requires minimum 1-3/4" (44 mm) x 4" (102 mm) tube

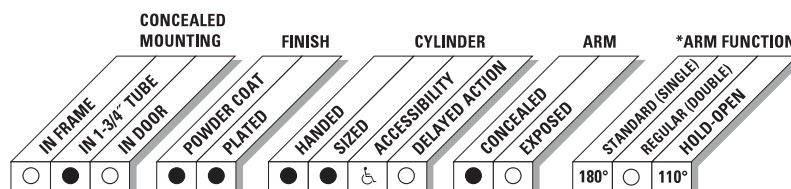
Arms Standard arm and track

Finishes/Colors/Powder Coat

- Aluminum (689)
- Statuary Bronze (690)
- Light Bronze (691)
- Black (693)
- Dark Bronze (695)
- Brass (696)
- Custom colors optional
- Optional SRI primer - powder coat only
- Optional plated finishes

Special Templates

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



● 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.

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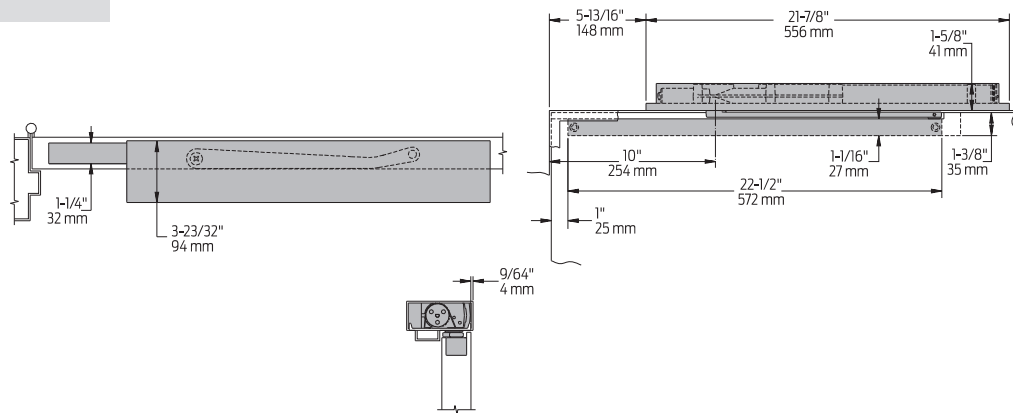
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2030 Series

Mounting details

Concealed Mounting



Butt Hinges	Should not exceed 5" (127 mm) in width
Auxiliary Stop	■ Recommended where a door cannot swing 180° ■ Optional track bumper assembly assists backcheck in cushioning the opening swing of the door (not intended to replace an auxiliary stop).
Top Rail	■ 1-3/8" (35 mm) mortise required ■ With Fire Shield, 1-13/32" (36 mm) mortise required ■ 5/16" (8 mm) cutout required at top of the door, stop face only
Door Thickness	1-3/4" (44 mm) minimum
Hollow Metal Frame	Consult factory for installation instructions
Wood Frame	Installation simplified by WOOD MOUNTING CLIP SET 2030-416 for center pivoted or 2030-417 for offset pivoted and butt hung installations. Consult factory for preparation details.
Maximum opening	■ Butt hinge template allows 180°, trim permitting ■ Limited to 110° when optional bumper is installed ■ Adjustable hold-open points from 85° to 110°, with hold-open track ■ Consult factory if door will be held open at 180° ■ Offset pivot template allows 115°, trim permitting. Limited to 95° when optional bumper is installed ■ Hold-open point from 85°, with hold-open track ■ Center pivot template allows 120°, trim permitting ■ Limited to 100° when optional bumper is installed ■ Adjustable hold-open points from 85° to 100°, with hold-open track

Notes:

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

Cylinder



2031(2)(3)(4)(5)-3071
Cast Iron Cylinder Assembly

- Handed
- With mounting plate
- Standard

Arm



2030-3077T
Standard Arm

- Handed
- Track roller not included with arm

Tracks



2030-3038
Standard Track

- Non-handed
- Non hold-open
- Will accept hold-open clip and/or bumper assembly
- Standard



2030-3038B
Standard Track with Bumper

- Non-handed
- Non hold-open
- Will accept hold-open clip
- Optional



2030-3038H
Hold-Open Track

- Non-handed
- Will accept bumper assembly
- Optional



2030-3038HB
Hold-Open Track with Bumper

- Non-handed
- Optional

2030 Series

Accessories

Installation Accessories



2030-420 Fire Shield

- 22 gauge steel liner mounts in the track mortise of the door's top rail for 20 minute labeled wood doors



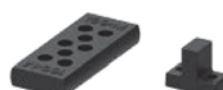
2030-416 Wood Mounting Clip Set

- Simplifies mounting center pivoted 2030 closer in wood frame
- Includes latch stile clip, hinge stile clip, and cover
- For use with Ives Series center pivots
- Consult factory for special template



2030-417 Wood Mounting Clip Set

- Simplifies mounting offset pivoted or butt hung 2030 closer in wood frame
- Includes two clips
- For use with offset pivots
- Consult factory for special template



2030-169 Track Bumper

- Mounts in track to assist backcheck. Limits maximum opening.
 - Consists of bumper, bumper post, and mounting screw
- NOTE: Track bumper does not replace auxiliary stop*



2030-3054 Hold-Open Clip

- Mounts in track to provide hold-open function
- Hold-open point controlled by clip location
- Requires 2030-3034H Hold-Open Track Roller



2030-3034 Track Roller

- Quiet, low friction roller assembly
- Shoulder dimension "X" = 1/16" (2mm)



2030-3034H Hold-Open Track Roller

- Quiet, low friction roller assembly
- Shoulder dimension "X" = 1/16" (2mm)

2030 Series

Ordering Information

How-to-order 2030 Series closers

Select cylinder size

- ☐ 2031
- ☐ 2032
- ☐ 2033
- ☐ 2034
- ☐ 2035

Specify finish

- ☐ Standard Powder Coat _____
Aluminum, Dark Bronze, Statuary,
Light Bronze, Black, Brass

Closer will be shipped with:

- Standard cylinder with mounting plate
- Standard arm
- Standard track
- Wood and machine screw pack
unless options listed below are selected.

Select hand

- ☐ RH
- ☐ LH

Closer options

Tracks

- ☐ Standard with Bumper (BUMPER)
- ☐ Hold-open (H)
- ☐ Hold-open with Bumper (HBUMPER)

Finishes

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

Installation accessories

- ☐ Fire Shield, 2030-420
- ☐ Wood Clip Set, 2030-416
- ☐ Wood Clip Set, 2030-417

Screw pack

- ☐ TORX Machine Screw (TORX)

Special template

- ☐ ST- _____

Table of sizes

- Select closer based on width of door.
- 2030 Series cylinders available in size 1, 2, 3, 4, or 5.
- Closing power of all 2030 Series closers may be increased 35%.
- Specify next higher size closer where strong drafts exist

Exterior (and Vestibule) door width

	28" 711mm	30" 762mm	36" 914mm	42" 1067mm
2033	→ size 3	→ size 4	→ size 5	
2034		→ size 4	→ size 5	
2035			→ size 5	

Minimum door width

Interior door width

	28" 711mm	34" 864mm	38" 965mm	48" 1219mm	54" 1372mm
2032	→ size 2	→ size 3	→ size 4	→ size 5	
2033		→ size 3	→ size 4	→ size 5	
2034			→ size 4	→ size 5	
2035				→ size 5	

Minimum door width

→ Indicates recommended range of door width for closer size.

Reduced opening force 2030 Series 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.

* Maximum opening force.

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	2033	2033	2034
	5.0* lbs.	2031	2032	2032

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Webster University



Allegion, PLC
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Indianapolis, IN 46250 USA
Office 877.238.2022 Fax 317.715.4055
allegion.com

Submittal Review

Specification Section: 087100 Door Hardware

Date: 11/10/2016

Project: Webster University - ISB
Webster, MO

Firm: Cannon Design
Attn: Kelvin Patel
1100 Clark Ave
St. Louis, MO 63102
(314) 425-8756

Kelvin,

I have reviewed this submittal for the door hardware per specification section 087100. This review is for specification compliance based on the specifications submitted to you for the above referenced project. I did not review for doors and frames and nor did I respond to any questions or comments regarding doors and frames. The Contractor remains responsible for the accuracy and completeness of submittal including, but not limited to, dimensions, quantities, fabrication, and construction techniques. General Conditions of contract documents apply.

You will need to review the door and frame submittal for compliance based on your plans, door schedule, and door/frame elevations. If any changes were made through addenda or RFI please update my comments appropriately.

Submittal Action:

Door Hardware Submittal dated 10/31/16 -

Reviewed / Reviewed As Noted

Submittal Notes/Comments:

- Revise all closers to 4010/4110 DEL series per email revision
- Provide Exit Devices with NL-OP trim where specified versus the submitted NL trim

Door Hardware Submittal—

Note: The general comments are listed to save time for repetitious items, comments, and/or concerns. The specific comments listed for individual headings are subject to the general comments listed below.

1. General:
 - a. I did not review submittal for handing.
 - b. Operational Description: Operational Description, of openings with electrified hardware, needs to be included in the door hardware schedule. [Reference Section 087100, Article 1.3.C.3.]

Please remind the contractor to coordinate the hardware being supplied by the Aluminum Door supplier with the hardware from this package. The hardware for aluminum doors is specified in Section 087100. This submittal references aluminum hardware as “by others”. All the hardware is required to be of the same manufacturer and model and meet the requirements of Section 087100.

- ✓ Single Source Responsibility: Obtain each type of hardware (ie. latch and locksets, hinges, exit devices, closers, etc.) from a single manufacturer. [Reference Section 087100, Article 1.4.D.]

The door hardware specification includes some project controls to assist in a smooth project. Please remind the general contractor of the following specification items in Section 087100:

- ✓ Article 1.3.C.3.I.3. Riser and Wiring Diagram – Please advise hardware supplier to provide riser and (point-to-point) Wiring Diagrams per approved finish hardware schedule.
- ✓ Articles 1.3.D. and 2.6. Keying – Please advise the hardware supplier to schedule and complete the keying conference prior to ordering hardware to avoid issues with keying or lock functions.
- ✓ Articles 1.6. and 1.7. Coordination – Please advise general contractor to schedule pre-installation, installation coordination, and electrified hardware coordination conferences prior to installation of any finish hardware.

Also, put the following items on the check-list at project completion time:

- ✓ Article 3.1 Installation
- ✓ Articles 3.1.L and 3.2 Adjustment and Field Inspections

As a reminder the following services are available to you for this project:

- ✓ Provide product training to installers.
- ✓ Assist you with “Jobsite Inspection” and creation of a detailed punch-list.
- ✓ Provide product training to owner.

Please review and contact us at the above telephone number or via email at aaron.owens@allegion.com with any questions or if you need further assistance. Thank you for your time and allowing me to follow up on this project.

Sincerely,

Aaron Owens

<Aaron Owens>