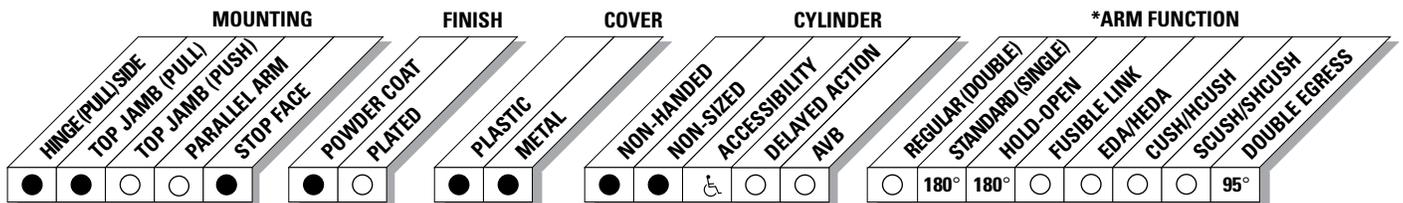


The 4050T cast aluminum heavy duty track closer is designed for rugged high frequency traffic areas. Ideal for commercial building applications and competitive specification situations that demand a combination of quality, reliability and value.

Certifications	Grade 1 - ANSI A156.4, UL 10C, ADA, 100 Hour Salt Spray, Meets BAA - Buy American Act	Cover	<ul style="list-style-type: none"> ■ Plastic, Standard ■ Metal, Optional
Body Construction	<ul style="list-style-type: none"> ■ Cast Aluminum Body ■ Full Complement Bearings ■ 1-1/2" Diameter Piston ■ 11/16" Diameter Double Heat Treated ■ Pinion Journal 	Fasteners	Self Reaming and Tapping Screws (SRT)
Fluid	All Weather Fluid	Mounting	Pull side on door, pull side top jamb, push side on door
Handing	Non-Handed	Arms	Standard Arm and Track with Roller
Size	Adjustable Spring Size 1-4	Finishes/Colors/ Powder Coat	<ul style="list-style-type: none"> ■ Aluminum (689) ■ Statuary Bronze (690) ■ Light Bronze (691) ■ Black (693) ■ Dark Bronze (695) ■ Brass (696) ■ Custom colors optional
Warranty	25 years		<ul style="list-style-type: none"> ■ Optional SRI primer - powder coat only

Special Templates

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



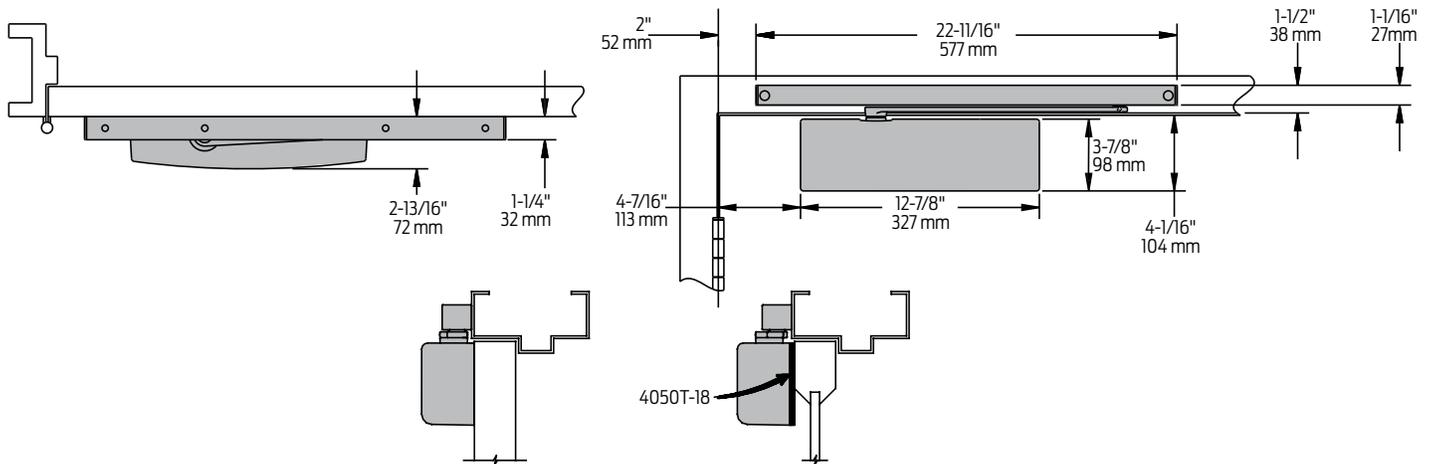
● AVAILABLE
○ NOT AVAILABLE

♿ Closer available with less than 5.0 lbs. opening force on 36" door (pull side and top jamb only).
* Maximum opening/hold-open point with standard template.

4050T Series

Mounting details

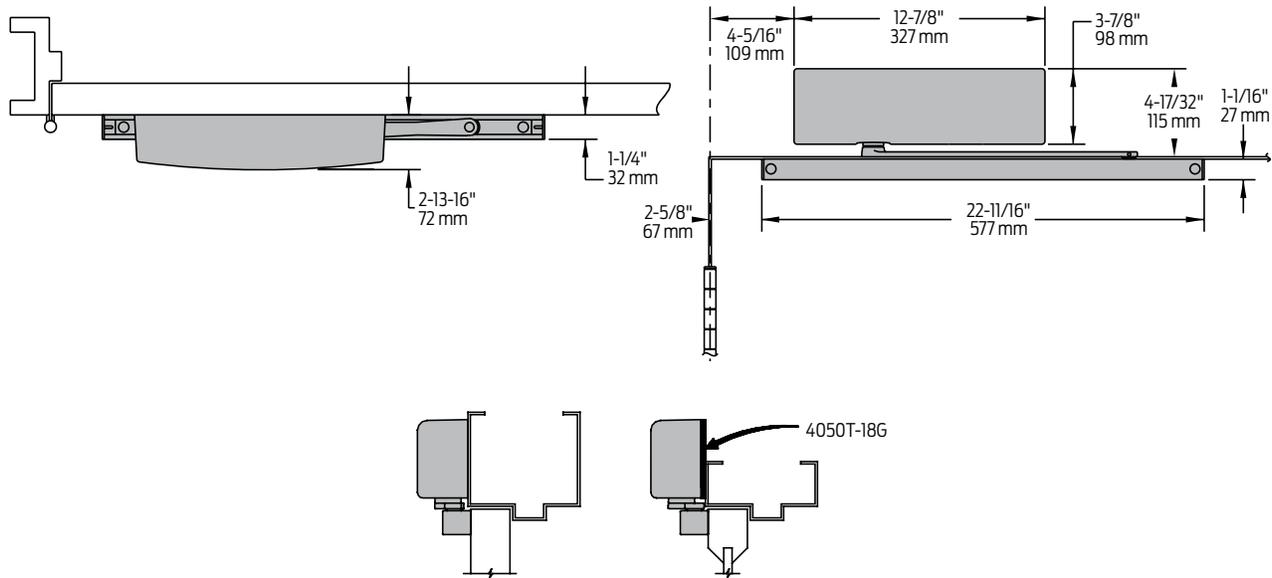
Hinge (Pull Side) Mounting



Butt Hinges	Should not exceed 5" (127 mm) in width
Auxiliary Stop	<ul style="list-style-type: none"> ■ Recommended at hold-open point or where a door cannot swing 180° ■ Optional track bumper assembly assists backcheck in cushioning the opening swing of the door ■ It is not intended to replace an auxiliary stop
Reveal	Should not exceed 1/8" (3 mm) for standard arm
Top Rail	Less than 4-1/8" (104 mm) requires PLATE, 4050T-18. Plate requires 2-1/16" (52mm) minimum
Head Frame	Requires 1-1/4" (32 mm) minimum
Clearance	2-13/16" (52 mm) behind door required for 90° installation
Maximum Opening	<ul style="list-style-type: none"> ■ Templating allows 180°

Notes:

- Many track style door closers are capable of allowing 180° of door swing
- The majority of track style closers are at their weakest closing force in the 180° – 130° range
- Consult factory for applications where door must swing 180°



Butt Hinges	Should not exceed 5" (127 mm) in width
Auxiliary Stop	<ul style="list-style-type: none"> ■ Recommended at hold-open point or where a door cannot swing 180° ■ Optional track bumper assembly assists backcheck in cushioning the opening swing of the door ■ It is not intended to replace an auxiliary stop
Reveal	Should not exceed 1/8" (3 mm)
Head Frame	Less than 4-1/2" (114 mm), requires PLATE, 4050T-18G. Plate requires 2-1/16" (52 mm) minimum
Clearance	1-1/4" (32 mm) behind door required for 180° installation
Maximum Opening	<ul style="list-style-type: none"> ■ Templating allows 180°

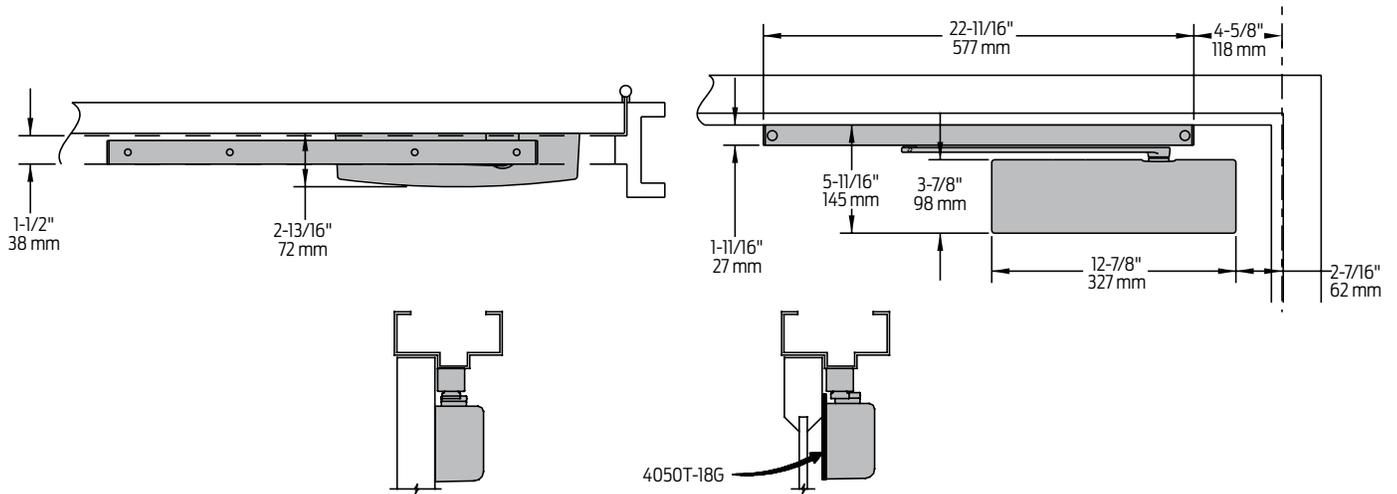
Notes:

- Many track style door closers are capable of allowing 180° of door swing
- The majority of track style closers are at their weakest closing force in the 180° – 130° range
- Consult factory for applications where an exterior or large/heavy door must swing 180°

4050T Series

Mounting details

Stop Face (Push Side) Mounting



Butt Hinges	Should not exceed 5" (127 mm) in width
Auxiliary Stop	<ul style="list-style-type: none"> ■ Recommended at hold-open point or where a door cannot swing 120° ■ Optional track bumper assembly assists backcheck in cushioning the opening swing of the door ■ It is not intended to replace an auxiliary stop
Clearance	Projects 2-9/16" (65 mm) from face of door
Top Rail	<ul style="list-style-type: none"> ■ Less than 5-11/16" (144 mm) measured from the stop, requires PLATE, 4050T-18G ■ Plate requires 3-5/16" (84 mm) minimum
Stop Width	Minimum 1-1/4" (32 mm)
Maximum Opening	<ul style="list-style-type: none"> ■ Templating allows 120°

Notes:

- Many track style door closers are capable of allowing 180° of door swing
- The majority of track style closers are at their weakest closing force in the 180° – 130° range
- Consult factory for applications where door must swing 180°

Cylinder



4050T-3071
Cast Aluminum Cylinder
Assembly

- Non-handed
- Standard

Covers



4050T-72
Plastic Cover

- Non-handed
- Standard



4050T-72MC
Metal Cover

- Non-handed
- Required for plated finishes and custom powder coat finishes
- Optional

Arms



4050T-3077T
Standard Arm

- Non-handed
- Arm does not include track roller



4050T-3077DE
Double Egress Arm

- Handed
- For double egress doors and frames
- Does not include track roller
- Maximum reveal is 3" (76 mm)
- Optional

Tracks



4050T-3038
Standard Track

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



4050T-3038B
Standard Track with Bumper

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



4050T-3038H
Hold-Open Track

- Non-handed
- With hold-open clip installed
- Will accept bumper assembly
- Optional



4050T-3038HB
Hold-Open Track with Bumper

- Non-handed
- With hold-open clip and bumper assembly installed
- Optional

Installation Accessories



4050T-18
Plate

- Required for pull side (door mount) installations where top rail is less than 4-1/8"
- Requires minimum 2-1/16" top rail



4050T-18G
Plate

- Required for pull side top jamb installations where head frame is less than 4-1/2"
- Requires minimum 2-1/16" head frame
- Required for push side (door mount) installations where top rail is less than 5-11/16" measured from the stop
- Requires minimum 3-5/16" top rail



4050T-169
Track Bumper

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



4050T-3054
Hold-Open Clip

- Mounts in track to provide hold-open function)
- Hold-open point controlled by clip location
- Consists of clip and mounting screws
- Requires 4050T-3034H Hold-Open Track Roller



4050T-3034
Track Roller

- Quiet, low friction roller assembly
- Shoulder dimension "X" = 1/8" (3mm)



4050T-3034H
Hold-Open Track Roller

- Quiet, low friction roller assembly
- Shoulder dimension "X" = 1/8" (3mm)



4050T-480
Pinion Extender

- Connects pinion to arm

How-to-order 4050T Series closers

1. Select finish

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

Closer options

Cover

- Metal (MC)

Finish

- Custom Powder Coat (RAL) _____
(handed metal cover required)
- SRI primer (use with powder coat finishes only)

Track

- Regular with Bumper (BUMPER)
- Hold-Open (HO)
- Hold-Open with Bumper (HBUMPER)

Closer will be shipped with:

- Standard cylinder
- Standard cover
- Standard arm
- Track roller
- Standard track
- Self-reaming and tapping screws
unless options listed below are selected.

Specific Screw Pack

- TB* w/Self-Reaming and Tapping Screws (TBSRT)
 - Wood & Machine Screw (WMS)
 - TB*, Wood & Machine Screw (TBWMS)
 - TORX Machine Screw (TORX)
 - TB* & TORX Machine Screw (TBTORX)
- * Specify door thickness if other than 1-3/4".

Installation Accessories

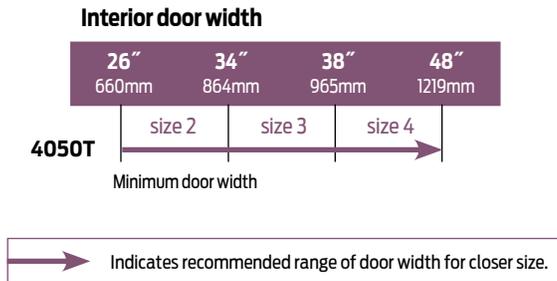
- Plate, 4050T-18
- Plate, 4050T-18G

Special Template

- ST- _____

Table of sizes

- Non-Sized 4050T cylinder is adjustable from sizes 1 thru 4 and is shipped set to size 3



Reduced opening force 4050T 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 effecting closing power.

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	N/A	N/A	N/A
	5.0* lbs.	4050T	4050T	4050T

* Maximum opening force. Applies to pull side and top jamb only.