



3

PAGES
301Z - 348Z

Door Closers and Door Control Hardware

Bottom Pivots and Pivot Sets

CRL Closers for Patch Fittings
and Door Rails

Door Closers

Dorma® Overhead
Concealed Closers

Floor Mounted
Door Closers

Jackson® Door Closers **NEW!**

LCN® Overhead Concealed
Door Closers **NEW!**

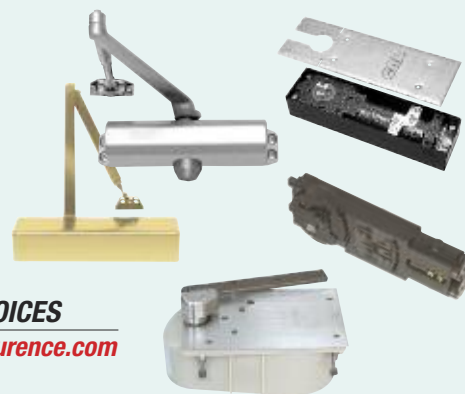
Norton® Door Operator

Overhead Concealed
Door Closers **NEW!**

Replacement Overhead
Concealed Door Closers for
Original Kawneer® Husky®

Rixson® Floor Mounted
Door Closers

Surface Mounted
Door Closers



These products and more can be found in this catalog section. On the top and bottom of each page are direct search instructions for viewing them on our web site. You can also enter the catalog number into the Search Box for a direct link to the product and **More Choices** in that category. To view **More Choices**, simply click on the red and white icon to be taken to a larger selection.

MORE CHOICES
crlaurence.com

CRL Overhead Concealed Door Closers and Accessories

PAGES 301Z-324Z

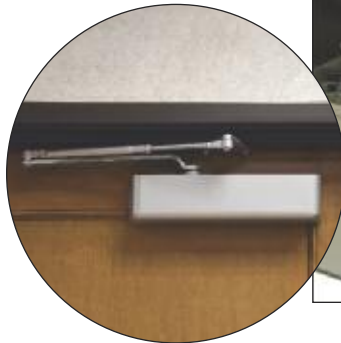
- Selection Chart
- Jackson® Overhead Concealed Door Closers
- Mounting Clips and Accessories
- Overhead Door Closer Packages
- Adjustable Spring Power Closers
- Replacement Closer for Kawneer® Husky®
- Arm Assemblies
- Bottom Pivots and Pivot Sets
- Dorma® Closers
- LCN® Closers
- Norton® Closers



CRL Surface Mounted Door Closers

PAGES 325Z-327Z

- DC50 Series Spring Sizes 1-5
- PR90 Series Grade 1 Spring 1-6
- PR80 Series Spring Sizes 1-4 or 2-5
- PR40 Series Delayed Action Spring 1-4 or 2-5
- PR50 Series Delayed Action Spring 1-5
- PR70 Series Spring Sizes 1/2-4 or 2-6
- LCN® 4040XP Series High Traffic
- LCN® 1460 Series Spring 1-6
- Norton® 5700-Leo Power Door Operator



CRL Floor Mounted Door Closers and Accessories

PAGES 328Z-348Z

- Jackson® 900 Series Heavy-Duty Floor Closers
- 8500 Series Heavy Weight Floor Closer
- Narrow Width Floor Closers
- Shallow Depth Floor Closers
- Interchangeable Cores
- Jackson® 300 Series Thin Slab Floor Closers, Packages, and Accessories
- Dorma® Series Door Closers
- Top Pivots
- Rixson® 27 Series Offset Floor Closers and Accessories
- Rixson® 28 Series Center-Hung Floor Closers, Pivots, and Accessories



What's the Right Door Closer for the Job?

When selecting a door closer, the first consideration should be if the closer is intended to replace an existing one, or if it is for a new installation. If it is a replacement door closer, what is your customer asking you to provide? An exact match that meets all the specifications and dimensions of the existing closer, or are you expected to upgrade the existing closer with one that will meet their current needs?

It is important to note the existing door closer's physical size, brand or markings (if available), mounting hole dimensions and spring size. You should note the type of door and its physical dimensions as well. Also, how will this closer be mounted? Are all of the necessary accessory items, such as drop plates, door arms or special brackets usable, or will they need to be replaced?

Popular types of door closers are Surface Mounted, Overhead Concealed, and Floor Mounted. Surface Mounted Closers are the most common and least expensive to install. They are readily available, and take very little time and effort to mount. They are easily replaced, and provide a wide variety of features and options that are sometimes not found on other types of closers. Overhead Concealed Closers mounted in the header are commonly used with storefront applications using aluminum frames and doors. They offer a non-obtrusive, economical means of controlling a door without the expense and corrosion factors associated with Floor Mounted Closers, which are the most expensive to install, and are often subject to premature failure due to corrosion. However, Floor Mounted Closers must be considered when dealing with heavy doors or high foot traffic. They provide the most efficient mechanical means of controlling a door, and are able to sustain the most abuse.



DC14 Door Controls Catalog provides all this information and more. Ask for a FREE copy with your next order.

Once the proper closer type has been selected, there are some important decisions that need to be made regarding the spring size, grade, and desired options and features. Is the door located on the outside or inside? What type of locking device will be used? What type of weather seals and internal building pressures will the closer need to overcome to close the door? The wider and heavier the door, the larger the spring size required to control the door. Remember it is called a door "closer", so therefore you are attempting to control and close the door, yet allow for a reasonable force required to open the door. Closers are rated by spring size, commonly expressed as Size 1, 2, 3 and up through Size 6. Most closers are of a single fixed size that cannot be altered, and are made to be used for a specific range of door sizes. Today, more and more closers are being manufactured to allow the spring size to be adjusted to the precise opening and closing force required to control the door under varying conditions, and cover a wide range of door sizes and applications. These adjustable closers allow you the best opportunity to meet your customer's needs.

Always remember that a Door Closer should never be used as a doorstop. An auxiliary doorstop is always recommended when a positive stop is required to prevent the door from opening beyond a specified point. Regardless of which door closer is selected, take the time to review the instructions and learn the proper procedure to install and adjust it.



Surface Mounted



Overhead Concealed



Floor Mounted

General Door Closer Terminology

- Action** - Defines the ability of the door closer to swing one way (Single Action) or both ways (Double Action).
- Adjustable Spring Power** - Adjustable spring tension that allows a single door closer to handle a wide range of door sizes and applications.
- A.D.A.** - Americans with Disabilities Act. Federal legislation that specifies guidelines to eliminate barriers to handicapped access and mobility.
- Backcheck** - Feature that provides dampening or slowing of the door opening speed at approximately 60 to 85 degrees of opening to prevent damage to the door, the frame, or to an adjacent structure.
- Barrier-Free** - Term used to identify door closers that meet guidelines corresponding to the Americans with Disabilities Act (A.D.A.) and ANSI A117.1 Specifications. Barrier-Free guidelines include maximum opening forces and power-assist capabilities.
- Center-Hung** - Door pivot point at center of jamb, therefore, depending on the pivot type, will allow the door to swing both in and out.
- Dead-Stop** - Auxiliary hardware or special door closer feature that limits the maximum degree of door swing to a specified point.
- Delayed Action** - Feature that causes the door to slow or delay closing, usually down to approximately 70 degrees to allow unrestricted passage. The delay time is normally adjustable.
- Efficiency** - Percentage of closing force in relation to opening force provided by the door closer to close the door.
- Fixed Spring Size** - Single fixed spring tension that is not adjustable. Intended to handle a specific range of door sizes.
- Handing** - Determined by the swing of the door. Left Hand, Right Hand, Left Hand Reverse Bevel, or Right Hand Reverse Bevel.
- Hold Open** - Feature that allows the door to remain open at a preset position. Depending on the type of door closer and accessories, the hold open position may be adjustable.
- Latch Speed** - The closing speed from approximately 10 to 15 degrees from the closed position. This speed should allow positive latching of the lock or exit device without undue slamming.
- Offset** - Door Pivot Point is offset from jamb center line, and hung from an offset pivot or hinge, allowing it to swing only one way.
- Spring Size** - A measure of door closer spring strength. Relates directly to the amount of opening force required to open the door, and the amount of force available to close the door.
- Sweep Speed** - Initial closing speed from fully open to approximately 10 to 15 degrees from closed position.

Door Closer Selection Chart

TYPICAL ENTRANCE APPLICATION	AVERAGE DAILY SWING FREQUENCY	RATED FREQUENCY	RECOMMENDED CLOSER TYPE
• MALL OR LARGE DEPARTMENT STORE DOORS • LARGE OFFICE BUILDING DOORS	2000-5000	Very High	HEAVY-DUTY FLOOR MOUNTED (Contact Technical Sales)
• LARGE SIZE STORE OR BANK DOORS • LARGE SCHOOL DOORS • MEDIUM TO LARGE RESTAURANT DOORS • BUSY FAST FOOD RESTAURANT DOORS • BUSY CONVENIENCE STORE DOORS • LARGE THEATER DOORS	1000-2000	High	FLOOR MOUNTED (Contact Technical Sales) HEAVY-DUTY SURFACE MOUNTED (Contact Technical Sales) HEAVY-DUTY OVERHEAD CONCEALED (Contact Technical Sales)
• MEDIUM SIZE STORE OR BANK DOORS • MEDIUM SIZE OFFICE BUILDING DOORS • OFFICE BUILDING RESTROOM DOORS • CORRIDOR DOORS • PUBLIC RESTROOM DOORS • SMALL STORE OR PUBLIC BUILDING DOORS	100-1000	Medium	FLOOR MOUNTED (see pages 328Z-347Z) SURFACE MOUNTED (see pages 325Z-327Z) OVERHEAD CONCEALED (see pages 303Z-324Z)
• SMALL STORE OR OFFICE RESTROOM DOORS • RESIDENTIAL DOORS • CLOSET DOORS	10-100	Low	SURFACE MOUNTED (see pages 325Z-327Z)

CRL Jackson® Adjustable Spring Power Ultimate Series Overhead Concealed Door Closers

- 1,000 Pound (454 kg) Weight Capacity
- Adjustable Spring Power Multi-Size Range 1-6
- Hold or Non Hold-Open Models Available
- Requires 2-1/2" x 3-5/8" (63 x 92 mm) or Larger Header Extrusion
- 180 Degree Swing
- 10 Year Limited Warranty



NEW!

The CRL Jackson® Ultimate Series Overhead Concealed Door Closer is capable of handling doors weighing up to 1,000 pounds (454 kg). It features an adjustable multi-range spring force range of 1 through 6. These double acting closers are suitable for use on both interior and exterior entry doors where large and heavy doors are commonplace. Mounting hardware and 7/8" (23 mm) length spindle are included.

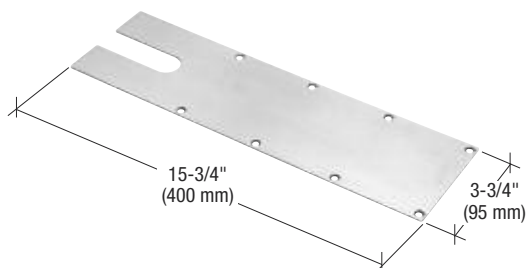
CAT. NO.	TYPE
J1090NH0	180 Degree Swing No Hold-Open
J1093H0	180 Degree Swing Dual Hold-Open at 90 Degrees and 120 Degrees

Minimum order: 1 each. All Push-Pull Signs can be combined for quantity pricing.

CRL Jackson® Ultimate Series Cover Plate

- Cover Plate Used With the J1090NH0 and J1093H0 Closers
- Brushed Stainless Finish

NEW!



CAT. NO. J10CPBS
Minimum order is one each.

CRL Jackson® Heavy-Duty Floor Mounted Pivot Set

NEW!

- Use With J1090NH0 and J1093H0 Ultimate Overhead Concealed Door Closers
- Heavy-Duty 550 Lb. (250 kg) Capacity



The CRL Jackson® Heavy-Duty Floor Pivot features a weight capacity of 550 pounds (250 kg), and is recommended for use with the Cat. No. J1090NH0 and J1093H0 Ultimate Overhead Concealed Door Closers, or any application requiring a heavier weight capacity floor pivot. Minimum order is one each.

CAT. NO. J10FPBS

CRL Jackson® Interchangeable Overhead Concealed Closer Spindle

- Measures 7/8" (23 mm) From Base of Closer Body
- Supplied as Standard Spindle with J1090NH0 and J1093H0 1000 Series Ultimate OHC Door Closers

NEW!



CAT. NO. J10SP23
Minimum order is one each.

CRL Jackson® Replacement Mounting Bracket

NEW!

- Used to Install J1090NH0 and J1093H0 Closers



The CRL J10FB Mounting Bracket is supplied as standard mounting brackets with the CRL Jackson® 1000 Series Ultimate Overhead Concealed Door Closers. Minimum order is one each.

CAT. NO. J10FB

CRL Jackson® Overhead Concealed Door Closers

- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Interchangeable With Similar Brands of Overhead Concealed Door Closers
- For Use With Light to Medium Traffic Doors Weighing Up to 250 Lbs (113 kg)
- Available in Two Fixed Spring Sizes or Adjustable Spring Models
- 5 Year Limited Warranty
- Dual Valve Closing Control - Both Sweep and Latch Speeds are Adjustable
- Hold-Open or No Hold-Open



Adjustable Spring Power



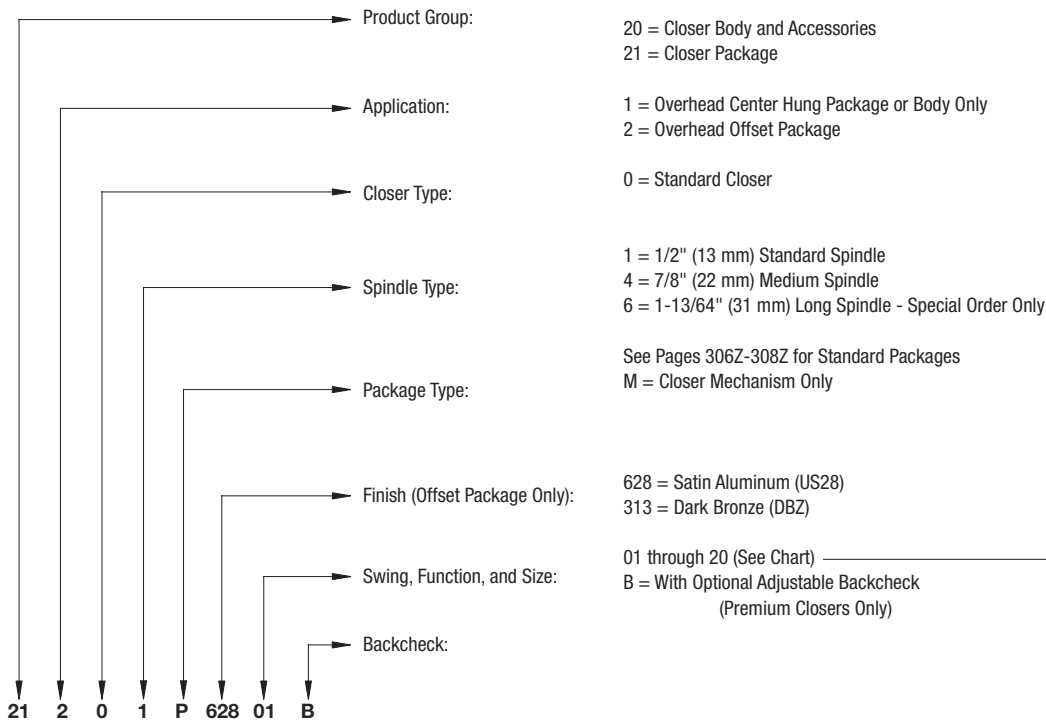
Regular and Heavy Fixed Spring



The Jackson® 20-330 Series Overhead Concealed Door Closer has been the leader in the industry for half a century. The closer is manufactured by C.R. Laurence under strict ISO9001 guidelines, and is designed to give long lasting, maintenance-free performance. This closer is truly universal. One basic closer mechanism allows for single or double acting, center-hung or offset applications, and is non-handed. Suitable for both interior and exterior installations, it provides complete door control in a compact and concealed design. Available in two fixed spring sizes or adjustable spring power, making this the ideal closer for aluminum, wood or hollow metal doors and frames.

How to Order CRL Jackson® Door Closers

CLOSER SPRING SIZE	MAXIMUM INTERIOR DOOR	MAXIMUM EXTERIOR DOOR
ADJUSTABLE	42" (1067 mm) Wide x 96" (2438 mm) Tall	36" (914 mm) Wide x 96" (2438 mm) Tall
REGULAR	42" (1067 mm) Wide x 96" (2438 mm) Tall	36" (914 mm) Wide x 96" (2438 mm) Tall
HEAVY	48" (1219 mm) Wide x 96" (2438 mm) Tall	42" (1067 mm) Wide x 96" (2438 mm) Tall



SWING, FUNCTION, AND SPRING SIZE CHART

#	SWING	FUNCTION	SPRING SIZE
01 =	105°	NH	RD
02 =	105°	HO	RD
03 =	90°	NH	RD
04 =	90°	HO	RD
09 =	105°	NH	HD
10 =	105°	HO	HD
11 =	90°	NH	HD
12 =	90°	HO	HD
NOTE: Backcheck is not available with ADJ Spring Closer			
17 =	105°	NH	ADJ
18 =	105°	HO	ADJ
19 =	90°	NH	ADJ
20 =	90°	HO	ADJ

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.



A.D.A. Compliance Models Available



This example shows Cat. No. 21201P62801 which is a CRL Jackson® 105 Degree Swing, Regular Spring Size, No Hold-Open Overhead Concealed Closer with the "P" Offset Slide-Arm Hardware Package. Arm finish is Satin Aluminum.

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or enter the Catalog Number for complete product information

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada



CRL Jackson® Overhead Concealed Door Closers

- Each Closer is Individually Boxed

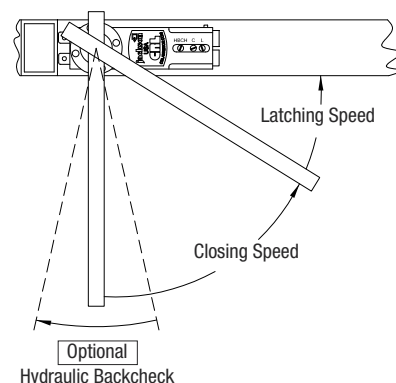


Approximate Opening Force

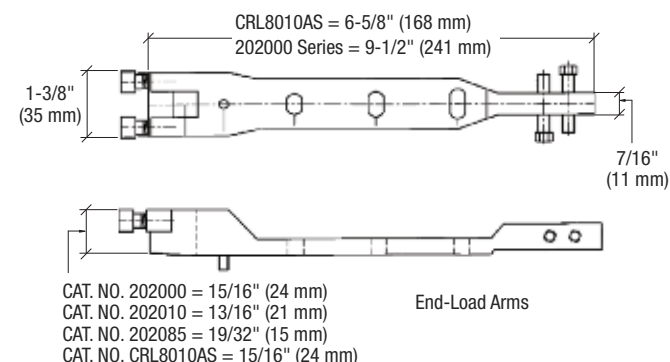
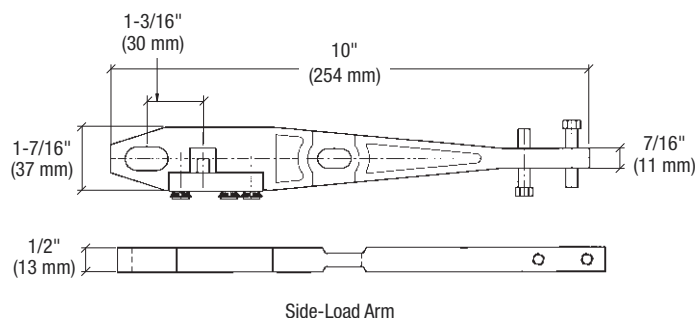
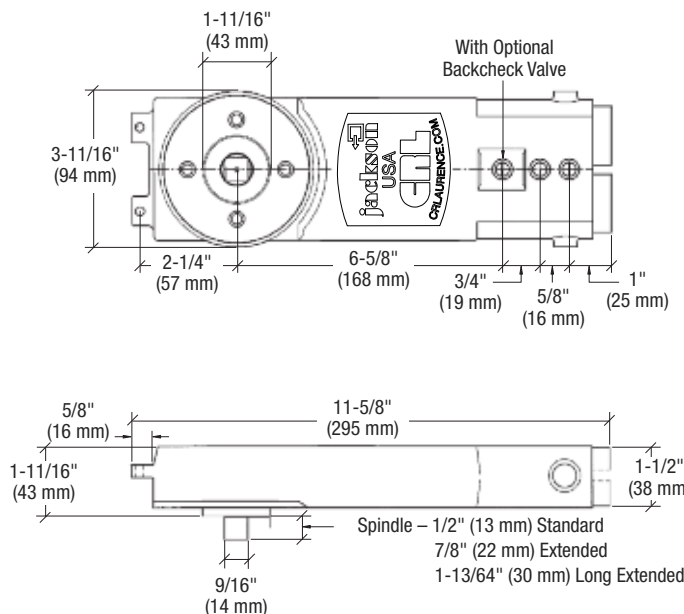
RECOMMENDED FOR LIGHT TO MEDIUM FREQUENCY USE WITH ALUMINUM, WOOD OR METAL DOORS WEIGHING UP TO 250 POUNDS (113 KG) MAXIMUM

CLOSER SPRING SIZE	APPLICATION	APPROXIMATE AVERAGE OPENING FORCE (IN POUND FORCE) APPLICABLE DOOR SIZE (WIDTH X HEIGHT)			
		2/6 X 7/0	3/0 X 7/0	3/6 X 7/0	4/0 X 7/0
ADJUSTABLE SPRING	CENTER-HUNG	6-10	4.5-8	4-6	N/A
	OFFSET	8-14	6-12	5.5-10	N/A
MEDIUM SPRING	CENTER-HUNG	13	11	9	7
	OFFSET	17	15	13	11
HEAVY SPRING	CENTER-HUNG	17	15	13	11
	OFFSET	N/A	19	17	15

- NOTE:**
- Closer Force readings are in pound force required to open the specified door width, and are taken at the lock stile.
 - All opening forces are based on average conditions. Tall or extremely heavy doors, doors that may be subjected to wind, drafts, or extreme air conditioning pressure may require the next size closer.
 - Although A.D.A. Door Closers are designed to comply with A.D.A. barrier-free opening force requirements, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.
 - Offset applications will always increase opening force by 2 to 4 pounds due to slide track friction and therefore may not provide A.D.A. opening forces and still allow for adequate spring power to control and close the door.



CRL Jackson® Overhead Closer Dimensions



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CRL Jackson® Overhead Concealed Door Closer Side-Load Arm Packages

- For Use on 1-3/4" (44 mm) Aluminum Frame Doors
- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Choose Adjustable Spring Power Size 1 to 4 to Meet A.D.A. Opening Force Requirements
- 5 Year Limited Warranty

These Jackson® Overhead Concealed Door Closers feature dual valves to control closing and latching speeds. 90 and 105 Degree Hold Open and No Hold Open models are available. Door Closers fit into standard 1-3/4" x 4" (45 x 102 mm), or larger, header extrusions.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

For all available Jackson® Door Closers, accessories, and product information, visit our web site at crlaurence.com/door-closers.



Side-Load "S" Package

- Floor Mount Pivot for 1-1/2" (38 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	TYPE
21101S17	21101S01	105° No Hold Open
21101S18	21101S02	105° Hold Open
21101S19	21101S03	90° No Hold Open
21101S20	21101S04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



Includes:
#20330: Closer Body
#20219: Brackets
#20400B: Side-Load Arm
#20902: "G" Pivot

Side-Load "GE" Package

- Threshold Mount Pivot for 1-1/2" (38 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	TYPE
21101GE17	21101GE01	105° No Hold Open
21101GE18	21101GE02	105° Hold Open
21101GE19	21101GE03	90° No Hold Open
21101GE20	21101GE04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



Includes:
#20330: Closer Body
#20219: Brackets
#20400B: Side-Load Arm
#20944: "GE" Pivot

Side-Load "U" Package

- Threshold Mount Pivot for 1-1/2" (38 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	TYPE
21101U17	21101U01	105° No Hold Open
21101U18	21101U02	105° Hold Open
21101U19	21101U03	90° No Hold Open
21101U20	21101U04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



Includes:
#20330: Closer Body
#201380: Brackets
#20400B: Side-Load Arm
#20944: "U" Pivot

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TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
 From Anywhere in the U.S. or Canada



CRL Jackson® Overhead Concealed Door Closer End-Load Arm Packages

- For Use on 1-3/4" (44 mm) Aluminum Frame Doors
- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Choose Adjustable Spring Power Size 1 to 4 to Meet A.D.A. Opening Force Requirements
- 5 Year Limited Warranty

These Jackson® Overhead Concealed Door Closers feature dual valves to control closing and latching speeds. 90 and 105 Degree Hold Open and No Hold Open models are available. Door Closers fit into standard 1-3/4" x 4" (45 x 102 mm), or larger, header extrusions.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

For all available Jackson® Door Closers, accessories and product information, visit our web site at crlaurence.com/door-closers.



Adjustable Spring Power



Regular Fixed Spring

CRL End-Load "AP" Package

- Combination Floor and Threshold Mount Pivot for 1-9/16" (40 mm) Deep Bottom Rail
- End-Load Arm for 1" (25 mm) Deep Top Rail

ADJ. SPRING CAT. NO.		REG. SPRING CAT. NO.	TYPE
21101AP17		21101AP01	105° No Hold Open
21101AP18		21101AP02	105° Hold Open
21101AP19		21101AP03	90° No Hold Open
21101AP20		21101AP04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



Includes:

- #20101 Closer Body
- #20219 Brackets
- #202000 End-Load Arm
- #201685 "UP" Pivot

CRL End-Load "A" Package

- Combination Floor and Threshold Mount Pivot for 1" (25 mm) Deep Bottom Rail
- End-Load Arm for 1" (25 mm) Deep Top Rail

ADJ. SPRING CAT. NO.		REG. SPRING CAT. NO.	TYPE
21101A17		21101A01	105° No Hold Open
21101A18		21101A02	105° Hold Open
21101A19		21101A03	90° No Hold Open
21101A20		21101A04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



Includes:

- #20101 Closer Body
- #20640 Brackets
- #202000 End-Load Arm
- #201680 "BV" Pivot

CRL Door Pressure Gauge

- Helps to Determine if Amount of Force Required to Open Doors Meets A.D.A. Regulations
- Range is From 0 to 35 Pounds (0 to 15.9 kg)
- Pocket Sized Tool is Simple to Use

Our Door Pressure Gauge shows the amount of force (pounds or kilograms) required to open doors so you can determine if they meet A.D.A. regulations. An absolutely vital tool if working on doors in facilities requiring full access to disabled persons. It can also be used to determine the amount of rolling force required to open or close patio doors. Minimum order is one each.



CAT. NO. HMC035

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TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada



CRL Jackson® Overhead Concealed Door Closers With Offset Arms and Slide Channel Packages

- For Use on 1-3/4" (44 mm) Aluminum Frame Doors
- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Designed for Use With 3/4" (19 mm) Offset Pivots or Butt Hinged Doors
- Arm Finish Available in Aluminum and Dark Bronze

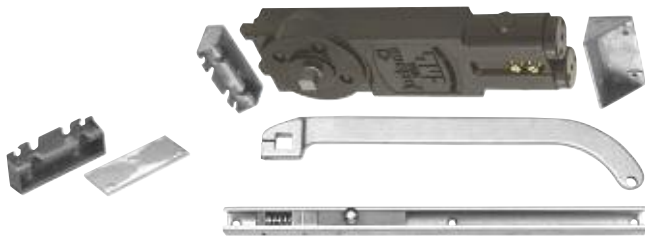
These CRL Jackson® Overhead Concealed Closers with Offset Arms and Slide Channels Hardware Packages consist of a Closer Body, which depending on the selected spring size and function, is suitable for a range of doors from 30" to 48" (762 to 1219 mm) wide. The Closer is packaged complete with Mounting Brackets, Offset Arm Package, Slide Channel, and complete installation instructions. The Closer has dual independent valves for closing operation (one valve for closing, one valve for latching). 90 and 105 Degree Hold-Open and No Hold-Open models are available. Closers fit into standard 1-3/4" x 4" (45 x 102 mm) or larger header extrusions. **NOTE:** Due to the wide variety and styles of doors in use today, CRL Jackson® cannot reference specific packages for use with a particular door. The package needed will depend on door and frame type, dimensions, floor type and application. Packages listed below represent the most popular offset combinations currently used. Package contents can be customized to your specifications, please see page 304Z on how to order all Jackson® 20-330 Overhead Closer models.



For all available Jackson® Door Closers, accessories and product information, visit our web site at crlaurence.com/door-closers.

CRL Offset Arm "U" Package

- For 7/8" (22 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #201381 Mounting Brackets
- #20900LC Offset Arm Package (Aluminum or Dark Bronze) with Slide Channel Assembly

PACKAGE SERIES
21201U

CRL Offset Arm "P" Package

- For 5/8" (16 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #201178 Mounting Brackets
- #201134LC Offset Arm Package (Aluminum or Dark Bronze) with Slide Channel Assembly

PACKAGE SERIES
21201P

CRL Offset Arm "S" Package

- For 7/8" (22 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #20951 Mounting Brackets
- #20900LC Offset Arm Package (Aluminum or Dark Bronze) with Slide Channel Assembly

PACKAGE SERIES
21201S

CRL Jackson® Dummy Closer Body

- Fluidless Closer for Use as Top Pivot Only



Mounting Clip Set must be ordered separately. See Cat. No. 20219 on page 310Z.

CAT. NO. 20330P
Minimum order: 1 each.

CRL Jackson® Adjustable Spring Power Overhead Concealed Door Closer Body Only

- Suitable for Doors from 30" to 48" (762 to 1219 mm) Wide
- Three Spindle Lengths Available
- Adjustable Spring Power Size 1 (Barrier-Free) to Size 4 (Regular)
- For Use With Light to Medium Traffic Doors Weighing Up to 250 Lbs (113 kg)
- 5 Year Limited Warranty



Although A.D.A. Series Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.



Body Only - Mounting Clips are not included. See page 310Z.

1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	1-13/64" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	TYPE
20101M17	20104M17	20106M17	Adjustable	105° No Hold Open
20101M18	20104M18	20106M18	Adjustable	105° Hold Open
20101M19	20104M19	20106M19	Adjustable	90° No Hold Open
20101M20	20104M20	20106M20	Adjustable	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

WARNING: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

CRL Jackson® Standard Overhead Concealed Door Closer Body Only

- Regular and Heavy Fixed Spring Sizes Available
- Choice of Standard 1/2" (12 mm) Length Spindle and 7/8" (22 mm) Extended Spindle for Patch and Rail Hardware



Body Only - Mounting Clips are not included. See page 310Z.

1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	TYPE
20101M01	20104M01	Regular	105° No Hold Open
20101M02	20104M02	Regular	105° Hold Open
20101M03	20104M03	Regular	90° No Hold Open
20101M04	20104M04	Regular	90° Hold Open
20101M09	20104M09	Heavy	105° No Hold Open
20101M10	20104M10	Heavy	105° Hold Open
20101M11	20104M11	Heavy	90° No Hold Open
20101M12	20104M12	Heavy	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

- 5 Year Limited Warranty

WARNING: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

CRL Jackson® Premium Overhead Concealed Door Closer Body Only With Adjustable Backcheck

- Recommended for High-Frequency Traffic and Heavier Doors
- Adjustable Hydraulic Backcheck
- Regular and Heavy Fixed Springs Sizes Available
- 5 Year Limited Warranty

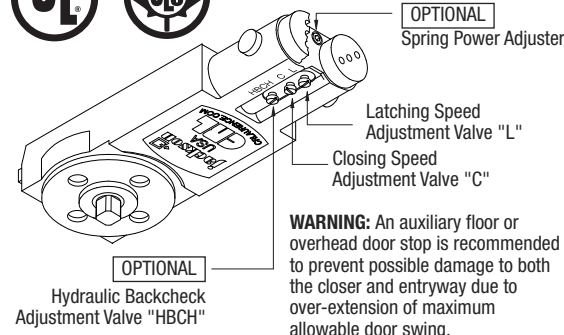


Body Only - Mounting Clips are not included. See page 310Z.

1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	TYPE
20111M01B	20114M01B	Regular	105° No Hold Open
20111M02B	20114M02B	Regular	105° Hold Open
20111M03B	20114M03B	Regular	90° No Hold Open
20111M04B	20114M04B	Regular	90° Hold Open
20111M09B	20114M09B	Heavy	105° No Hold Open
20111M10B	20114M10B	Heavy	105° Hold Open
20111M11B	20114M11B	Heavy	90° No Hold Open
20111M12B	20114M12B	Heavy	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

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CRL Jackson® Overhead Concealed Door Closer Mounting Accessories



CRL Jackson® 20219 Mounting Clip Set

- Standard for Most Center-Hung Applications



CAT. NO. 20219
Minimum order: 1 each.

CRL Jackson® 201380 Mounting Clip Set

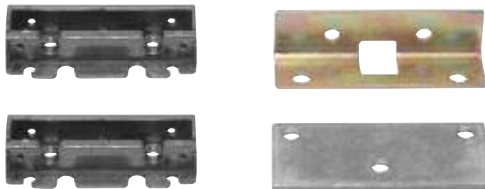
- Used in Center-Hung "U" Package Applications



CAT. NO. 201380
Minimum order: 1 each.

CRL Jackson® 20951 Mounting Clip Set

- Used in Offset "S" Package Applications



CAT. NO. 20951
Minimum order: 1 each.

CRL Jackson® 20640 Mounting Clip Set

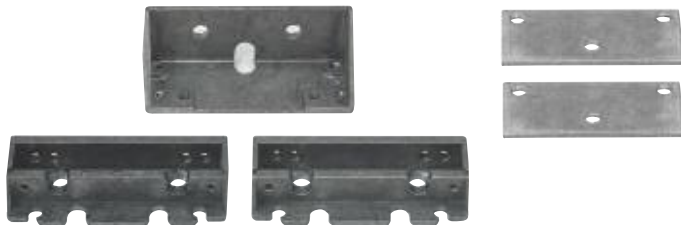
- Used in Center-Hung "A" Package Applications



CAT. NO. 20640
Minimum order: 1 each.

CRL Jackson® 201178 Mounting Clip Set

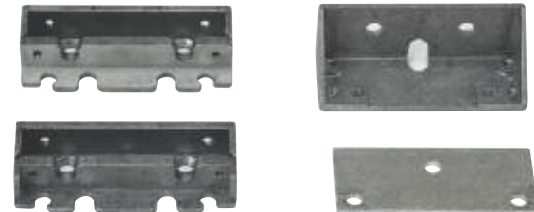
- Used in Offset "P" Package Applications



CAT. NO. 201178
Minimum order: 1 each.

CRL Jackson® 201381 Mounting Clip Set

- Used in Offset "U" Package Applications



CAT. NO. 201381
Minimum order: 1 each.

CRL Jackson® Cover Plates for Overhead Concealed Door Closers

- Available for Two and Three Valve Access



Two Valve Style

Three Valve Style



TWO VALVE CAT. NO.	THREE VALVE CAT. NO.	DESCRIPTION	FINISH
201103628	203152628	3-3/4" x 12-1/2" (95 x 318 mm)	Satin Aluminum
201103313	203152313	Rounded Corners	Dark Bronze
20190628	203147628	3-11/16" x 13-3/4" (94 x 349 mm)	Satin Aluminum
20190313	203147313	Square Corners	Dark Bronze

Minimum order: 1 each.

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310Z

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FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada



CRL Jackson® Overhead Concealed Door Closer Accessories

- For Use With Aluminum Framed Doors
- Centering Bolts for Door Alignment



CRL Jackson® Short End-Load Center-Hung Top Arm Assembly

- For Use With CRL Wedge-Lock® Door Rails



CAT. NO. CRL8010AS

Minimum order: 1 each.

CRL Jackson® "S" Type Side-Load Center-Hung Top Arm Assembly

- For Use With 1/2" (13 mm) Deep Top Rail



CAT. NO. 20400B

Minimum order: 1 each.

CRL Jackson® "A" Type End-Load Center-Hung Top Arm Assembly

- For Use With 1" (25 mm) Deep Top Rail



CAT. NO. 202000

Minimum order: 1 each.

CRL Jackson® "PT" Type End-Load Center-Hung Top Arm Assembly

- For Use With 7/8" (22 mm) Deep Top Rail



CAT. NO. 202010

Minimum order: 1 each.

CRL Jackson® "K" Type End-Load Center-Hung Top Arm Assembly

- For Use With 5/8" (16 mm) Deep Top Rail



CAT. NO. 202085

Minimum order: 1 each.

CRL Jackson® Wood Door Side-Load Center-Hung Top Arm Assembly

- 5/8" (16 mm) Depth Mortised Rail
- Mortise Channel Included



CAT. NO. 20510

Minimum order: 1 each.

CRL Jackson® Wood Door End-Load Center-Hung Top Arm Assembly

- 3/4" (19 mm) Depth Mortised Rail
- Mortise Channel Included



CAT. NO. 202090

Minimum order: 1 each.

All Closer Arms can be combined for quantity pricing.

CRL Jackson® Overhead Concealed Door Closer Accessories

- For Use With Aluminum Framed Doors
- Non-Handed



CRL Jackson® Deep Depth Mortise Type Offset Arm and Slide Channel Assembly

- 7/8" (22 mm) Depth Top Rail
- Deep Depth Mortise Type

The Deep Depth Mortise Type Offset Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide-track requires a minimum top rail depth of 7/8" (22 mm) to be mortised into the door.



CAT. NO.	OVERALL LENGTH	ARM FINISH
20900LC628	14" (356 mm)	Aluminum
20900LC313	14" (356 mm)	Dark Bronze

Minimum order: 1 each. All Closer Arms can be combined for quantity pricing.

CRL Jackson® Shallow Depth Mortise Type Offset Arm and Slide Channel Assembly

- Shallow Depth 5/8" (16 mm) Top Rail

The shallow depth Offset Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide track requires a minimum top rail depth of 5/8" (16 mm) to be mortised into the the door.



CAT. NO.	OVERALL LENGTH	ARM FINISH
201134LC628	12-7/8" (327 mm)	Aluminum
201134LC313	12-7/8" (327 mm)	Dark Bronze

Minimum order: 1 each. All Closer Arms can be combined for quantity pricing.

CRL Jackson® Shallow Depth Mortise Type Offset Arm and Slide Channel Assembly

- Shallow Depth 5/8" (16 mm) Top Rail
- Provides Enhanced Pre-Load

The shallow depth Offset Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The arm provides for enhanced pre-load. The slide track requires a minimum top rail depth of 5/8" (16 mm) to be mortised into the door.



CAT. NO.	OVERALL LENGTH	ARM FINISH
201312LC628	12-7/8" (327 mm)	Aluminum
201312LC313	12-7/8" (327 mm)	Dark Bronze

Minimum order: 1 each. All Closer Arms can be combined for quantity pricing.

CRL Jackson® Offset Arm Assembly Covers

- Handed – Not Reversible
- Available in Two Finishes



Left Hand



Right Hand

- Fit All Arm Assemblies Shown Above

These Offset Arm Assembly Covers provide protection to the arm assembly and enhance the aesthetics of the installation.

Dimensions:

W = 2" (51 mm)
H = 7/8" (22 mm)
L = 42-1/4" (1073 mm)

CAT. NO.	HANDING	FINISH
20106628	Left Hand	Aluminum
20106313	Left hand	Dark Bronze
20117628	Right Hand	Aluminum
20117313	Right Hand	Dark Bronze

Minimum order: 1 each. All Arm Covers can be combined for quantity pricing.

CRL Jackson® Overhead Concealed Door Closer Accessories

CRL Pivot Sets for Side-Load Applications

CRL Jackson® Type "G" Floor Mount Pivot Set

- For Use With 1-1/2" (38 mm) Deep Bottom Rail
- 3/16" (5 mm) Height Adjustment



CAT. NO. 20902

Minimum order: 1 each.

CRL Jackson® Type "GE" Threshold Mount Pivot Set

- For Use With 1-1/2" (38 mm) Deep Bottom Rail
- 3/16" (5 mm) Height Adjustment



CAT. NO. 20944

Minimum order: 1 each.

CRL Jackson® Type "BE" Threshold Mount Pivot Set

- For Use With 1" (25 mm) Deep Bottom Rail



CAT. NO. 201155

Minimum order: 1 each.

CRL Pivot Sets for End-Load Applications

CRL Jackson® Heavy-Duty Floor Mounted Pivot Set

- Use With J1090NH0 and J1093H0 Ultimate Overhead Concealed Door Closers
- Heavy-Duty 550 Lb. (250 kg) Capacity



NEW!

CAT. NO. J10FPBS

Minimum order: 1 each.

CRL Jackson® Type "BV" Combination Mount Pivot Set

- For Use With 1" (25 mm) Deep Bottom Rail
- Floor and Threshold Mount



CAT. NO. 201680

Minimum order: 1 each.

CRL Jackson® Type "UP" Combination Mount Pivot Set

- For Use With 1-9/16" (40 mm) Deep Bottom Rail
- Floor and Threshold Mount



CAT. NO. 201685

Minimum order: 1 each.

Recommended Maximum Weight Capacity: 150 pounds (68 kg)

Recommended Maximum Weight Capacity: 175 pounds (79 kg)

Recommended Maximum Weight Capacity: 175 pounds (79 kg)

All Bottom Pivots can be combined for quantity pricing.

CRL Overhead Concealed Door Closers

CRL offers a complete line of Overhead Concealed Door Closers and Accessories. The selection includes a wide range of door closer and hardware options for both center-hung and offset installations. These products will satisfy the needs for both new and retrofit applications. Our standard Overhead Concealed Door Closer will retrofit most installations currently using other brands of similar type door closers without the need to change existing door hardware.

For additional information, go to crlaurence.com/door-closers or contact the CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can e-mail us at glazing@crlaurence.com.

- Interchangeable With All Jackson® Style Overhead Concealed Door Closers
- For Light to Medium Traffic
- Available in Five Spring Sizes, Including Adjustable Spring Power, and A.D.A. Models
- 5 Year Limited Warranty



A.D.A. Compliance
Models Available

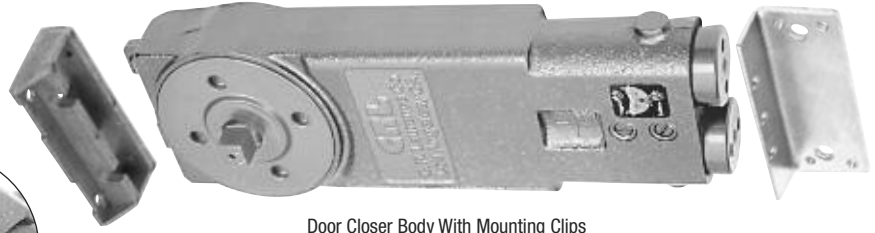
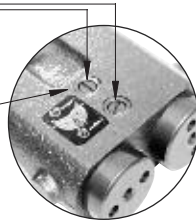


Independent Adjustment Valves

Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Special Retaining Rings

Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.



Door Closer Body With Mounting Clips



*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

REQUIRED DOOR CLOSER SPRING SIZE FOR YOUR APPLICATION

SERIES	SPRING SIZE	DOOR SIZE
CRL7000	Light	Up to 30" (762 mm) Wide x 96" (2438 mm) High
CRL7100	Medium	31" to 41" (787 to 1041 mm) Wide x 96" (2438 mm) High
CRL7200	Heavy	42" to 48" (1067 to 1219 mm) Wide x 96" (2438 mm) High
CRL6700	Adjustable	Up to 42" (1067 mm) Wide x 96" (2438 mm) High
CRL6800	A.D.A.-5 Lb. (Interior)*	36" (914 mm) Wide x 96" (2438 mm) High
CRL6900	8.5 Lb. (Exterior)	36" (914 mm) Wide x 96" (2438 mm) High

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Weight and Size Limitations

Door Weight: 200 Lbs. (91 kg)
Exterior Door Width: 42" (1067 mm)
Interior Door Width: 48" (1219 mm)
All Doors Height: 96" (2438 mm)

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

Approximate Opening Force

RECOMMENDED FOR LIGHT TO MEDIUM FREQUENCY USE WITH ALUMINUM, WOOD OR METAL DOORS WEIGHING UP TO 200 POUNDS (91 KG) MAXIMUM

CLOSER SPRING SIZE		APPROXIMATE AVERAGE OPENING FORCE (IN POUND FORCE)			
		APPLICABLE DOOR SIZE (WIDTH X HEIGHT)			
		2/6 X 7/0	3/0 X 7/0	3/6 X 7/0	4/0 X 7/0
LIGHT SPRING	Center-Hung	10	8	6	5
	Offset	14	12	10	8
MEDIUM SPRING	Center-Hung	13	11	9	7
	Offset	17	15	13	11
HEAVY SPRING	Center-Hung	17	15	13	11
	Offset	N/A	19	17	15
A.D.A. - 5 Lb.	Center-Hung	7	5	N/A	N/A
	Offset	10	8.5	6	N/A
8.5 Lb.	Center-Hung	9	8.5	5	N/A
	Offset	13	12	9	7

- NOTE:**
1. Closer Force readings are in pound force required to open the specified door width, and are taken at the lock stile.
 2. All opening forces are based on average conditions. Tall or extremely heavy doors, doors that may be subjected to wind, drafts, or extreme air conditioning pressure may require the next size closer.
 3. Although A.D.A. Door Closers are designed to comply with A.D.A. barrier-free opening force requirements, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.
 4. Offset applications will always increase opening force by 2 to 4 pounds due to slide track friction and therefore may not A.D.A. opening forces and still allow for adequate spring power to control and close the door.

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CRL Overhead Concealed Door Closer Packages

- For Use on 1-3/4" (44 mm) Aluminum Frame Doors
- Suitable for Doors from 30" to 48" (762 to 1219 mm) Wide
- Interchangeable With All Jackson® Style Overhead Concealed Door Closers
- 5 Year Limited Warranty
- A.D.A. Compliant Models Available



A.D.A. Compliance
Models Available



NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.

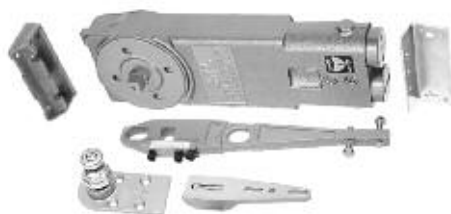


Although the Adjustable Spring Power Door Closer can be adjusted to compensate for site conditions, adequate closing force might not be obtained while complying with A.D.A. opening force requirements.

Side-Load "S" Package

- Adjustable Dual-Purpose Bottom Pivot for Floor or Threshold Mounting
- For Doors With 1/2" (13 mm) Top Rail Depth

Includes: Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010DP Pivot



ADJ. SPRING CAT. NO.	MED. SPRING CAT. NO.	8.5 LB. CAT. NO.	TYPE
CRL8760S	CRL8160S	CRL8960S	90° Hold Open
CRL8762S	CRL8162S	CRL8962S	90° No Hold Open
CRL8770S	CRL8170S	CRL8970S	105° Hold Open
CRL8772S	CRL8172S	CRL8972S	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "GE" Package

- Adjustable Bottom Pivot for Threshold Mounting
- For Doors With 1/2" (13 mm) Top Rail Depth

Includes: Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010GE "GE" Pivot



ADJ. SPRING CAT. NO.	MED. SPRING CAT. NO.	8.5 LB. CAT. NO.	TYPE
CRL8760GE	CRL8160GE	CRL8960GE	90° Hold Open
CRL8762GE	CRL8162GE	CRL8962GE	90° No Hold Open
CRL8770GE	CRL8170GE	CRL8970GE	105° Hold Open
CRL8772GE	CRL8172GE	CRL8972GE	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

End-Load "A" Package

- Adjustable Dual-Purpose Bottom Pivot for Floor or Threshold Mounting
- For Doors With 1" (25 mm) Top Rail Depth

Includes: Closer Body
#CRL8010FS Brackets
#CRL8010A End-Load Arm
#CRL8010DP Pivot



ADJ. SPRING CAT. NO.	MED. SPRING CAT. NO.	8.5 LB. CAT. NO.	TYPE
CRL8760A	CRL8160A	CRL8960A	90° Hold Open
CRL8762A	CRL8162A	CRL8962A	90° No Hold Open
CRL8770A	CRL8170A	CRL8970A	105° Hold Open
CRL8772A	CRL8172A	CRL8972A	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

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CRL Door Pressure Gauge



- Helps to Determine if Amount of Force Required to Open Doors Meets A.D.A. Regulations
- Range is From 0 to 35 Pounds (0 to 15.9 kg)
- Pocket Sized Tool is Simple to Use



Our Door Pressure Gauge shows the amount of force (pounds or kilograms) required to open doors so you can determine if the door meets A.D.A. regulations. An absolutely vital tool if working on doors in facilities requiring full access to disabled persons. It can also be used to determine the amount of rolling force required to open or close patio doors. Range is from 0 to 35 pounds (0 to 15.9 kg). Minimum order is one each.

CAT. NO. HMC035

CRL Overhead Concealed Door Closer Bodies With Mounting Clips

- Interchangeable With All Jackson® Style Overhead Concealed Door Closers
- 20 Models Available
- 5 Year Limited Warranty
- UL Listed
- For Doors Weighing Under 200 Pounds (91 kg)



A.D.A. Compliance
Models Available



Door Closer Body With Mounting Clips

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.



*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

STANDARD MODEL DOOR CLOSER BODIES

SPRING SIZE	90° HOLD OPEN CAT. NO.	90° NO HOLD OPEN CAT. NO.	105° HOLD OPEN CAT. NO.	105° NO HOLD OPEN CAT. NO.
Light	CRL7060	CRL7062	CRL7070	CRL7072
Medium	CRL7160	CRL7162	CRL7170	CRL7172
Heavy	CRL7260	CRL7262	CRL7270	CRL7272

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

*A.D.A. COMPLIANCE MODEL DOOR CLOSER BODIES MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT



SPRING SIZE	90° HOLD OPEN CAT. NO.	90° NO HOLD OPEN CAT. NO.	105° HOLD OPEN CAT. NO.	105° NO HOLD OPEN CAT. NO.
Adjustable	CRL6760	CRL6762	CRL6770	CRL6772
A.D.A. - 5 Lb.	CRL6860	CRL6862	CRL6870	CRL6872
8.5 Lb.	CRL6960	CRL6962	CRL6970	CRL6972

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL Overhead Concealed Door Closers for Patch Fittings and Door Rails

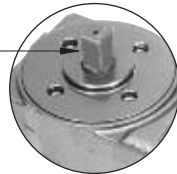


A.D.A. Compliance
Models Available



Extended Length Spindle

3/4" (19 mm) Length Spindle for use with Patch Fittings and Door Rail Hardware or when extra reach is needed.



Door Closer Body with Mounting Clips

CAT. NO.	SPRING SIZE	TYPE
CRL9760	Adjustable	90° Hold Open
CRL9762	Adjustable	90° No Hold Open
CRL9770	Adjustable	105° Hold Open
CRL9772	Adjustable	105° No Hold Open
CRL9970	8.5 Lb.	105° Hold Open
CRL9972	8.5 Lb.	105° No Hold Open
CRL9160	Medium	90° Hold Open
CRL9162	Medium	90° No Hold Open
CRL9170	Medium	105° Hold Open
CRL9172	Medium	105° No Hold Open
CRL9260	Heavy	90° Hold Open
CRL9262	Heavy	90° No Hold Open
CRL9270	Heavy	105° Hold Open
CRL9272	Heavy	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

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- Interchangeable With All Jackson® Style Overhead Concealed Door Closers
- Extended 3/4" (19 mm) Long Spindle for Use With Patch Fittings and Door Rail Hardware
- 5 Year Limited Warranty
- UL Listed
- Conveniently Packaged With Templates and Instructions
- For Doors Weighing Under 200 Pounds (91 kg)



See Our Complete Patch Fitting Selection on Pages 193Z-231Z



*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

CRL Replacement Overhead Concealed Door Closers for Original Kawneer® Husky®

- Spindle Set in the Diamond Position at 0 Degrees
- Replace Existing Pre-1998 Original Kawneer® Husky® Closers
- 5 Year Limited Warranty
- UL Listed

This CRL Overhead Concealed Door Closer incorporates a spindle set in the diamond position, instead of a square position, at 0 degrees. This enables door installers to replace existing pre-1998 Kawneer® original style Husky® Door Closers without the need to change the door arm, which requires a diamond pattern spindle engagement. With the addition of our Retrofit Clips for either 4" or 4-1/2" (102 or 114 mm) headers, the existing door closer can be replaced without the need to replace any additional door hardware. The existing Center-Hung or Offset Arms can be used, as well as the existing pivot.

These Overhead Concealed Door Closers are available in 105 degree Hold Open and No Hold Open styles, with Medium Spring Size, and an 8.5 pound model for exterior door applications. A diamond pattern End-Load Center-Hung Replacement Arm, Cat. No. CRL8010H (below), is also available.

NOTE: May require considerable alterations to retrofit. Mounting Clips shown below are sold separately and are required to mount Closer.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.



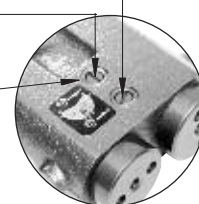
Door Closer Body Only

Independent Adjustment Valves

Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Special Retaining Rings

Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.



105° HOLD OPEN CAT. NO.	105° NO HOLD OPEN CAT. NO.	SPRING SIZE	DOOR SIZE (WIDTH)
CRL7770	CRL7772	Medium	31" to 41" (787 to 1041 mm)
CRL7670	CRL7672	8.5 Lb.	36" to 48" (914 to 1219 mm)

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL "H" Type Diamond Position End-Load Arm Assembly

- For Spindles Set in Diamond Position at 0 Degrees



"H" Type End Load Arms are designed for use with the pre-1998 original Kawneer® Husky® style Door Closers and CRL Diamond Spindle Retrofit Door Closers.

CAT. NO. CRL8010H
Minimum order: 1 each.

Kawneer and Husky are registered trademarks of Kawneer Company, Inc. UL is a registered trademark of UL LLC.

CRL Retrofit Mounting Clip Set for Kawneer® Husky®

These Mounting Clip Sets allow you to use our Overhead Concealed Door Closers in headers fabricated for pre-1998 Kawneer® Husky® Door Closers (the 24-3/8" [619 mm] long ones).



CAT. NO.	FOR USE WITH
CRL8010RK4	4" (102 mm) Header
CRL8010RK45	4-1/2" (114 mm) Header

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Overhead Concealed Door Closer Accessories

All Closer Arms can be combined
for quantity pricing.

CRL Short End-Load Center-Hung Top Arm Assembly

- Designed to Fit CRL Wedge-Lock® Door Rails

Short End-Load Top Arms are specially designed to fit the CRL Wedge-Lock® Door Rail System. This Arm simply bolts to the pre-installed slide-block on the top rail, and can be adjusted to help center the door once the Arm is attached to the closer. Minimum order is one each.



CAT. NO. CRL8010AS

CRL "A" Type End-Load Center-Hung Top Arm Assembly

- 1" (25 mm) Depth Top Rail

"A" Type End-Load Top Arms have no in or out adjustment. The two bolts in the end of the Arm adjust the centering of the door. Used in 1" (25 mm) depth top rails with an opening at the end of the rail. Minimum order is one each.



CAT. NO. CRL8010A

CRL "PT" Type End-Load Center-Hung Top Arm Assembly

- 7/8" (22 mm) Depth Top Rail

"PT" Type End-Load Top Arms have no in or out adjustment. The two bolts in the end of the Arm adjust the centering of the door. Used in 7/8" (22 mm) depth top rails with an opening at the end of the rail. Minimum order is one each.



CAT. NO. CRL8010PT

CRL "K" Type End-Load Center-Hung Top Arm Assembly

- 5/8" (16 mm) Depth Top Rail

"K" Type End-Load Top Arms have no in or out adjustment. The two bolts in the end of the Arm adjust the centering of the door. Used in 5/8" (16 mm) depth top rails with an opening at the end of the rail. Minimum order is one each.



CAT. NO. CRL8010K

CRL "S" Type Side-Load Center-Hung Top Arm Assembly

- 1/2" (12 mm) Depth Top Rail

"S" Type Adjustable Side-Load Top Arms have an adjusting screw at the end of the Arm to allow the door to be adjusted in or out to match the jambs. The two bolts in the other end of the Arm adjust the centering of the door. Used in 1/2" (12 mm) depth top rails with a notch in the side. Minimum order is one each.



CAT. NO. CRL8010S

CRL Replacement Hardware

- Fits End-Load Center-Hung Arms



CAT. NO.	DESCRIPTION
ELB2	End-Load Arm Block With Two Screws
ELS1	Screws and Lock Washers Only – Two Per Package

Minimum order: 1 each.

CRL Replacement Hardware

- Fits Side-Load Center-Hung Arms



CAT. NO.	DESCRIPTION
CRL8010SCP	Side-Load Arm Cover Plate
SLB3	Side-Load Arm Block With Three Screws
SLS1	Screws and Lock Washers Only – Three Per Package

Minimum order: 1 each.

CRL Overhead Concealed Door Closer Accessories

All Mounting Clip Sets can be combined for quantity pricing.

CRL "J0" Type Offset Arm Assembly

- 7/8" (22 mm) Depth Top Rail
- Deep Mortise Type



Replacement Vinyl Slide Block Cat. No. J0SB



The "J0" Type Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide-track requires a minimum top rail depth of 7/8" (22 mm) to be mortised into the door. For a replacement Vinyl Slide Block order Cat. No. J0SB.

CAT. NO.	FINISH
CRL8010J0XAL	Painted Aluminum
CRL8010J0XBRZ	Painted Dark Bronze
J0SB	Replacement Vinyl Slide Block

Minimum order: 1 each. All Door Closer Arms can be combined for quantity pricing.

CRL "V0" Type Offset Arm Assembly

- 9/16" (14 mm) Depth Top Rail
- Shallow Mortise Type



Replacement Vinyl Slide Block Cat. No. V0SB



The "V0" Type Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide-track requires a minimum top rail depth of 9/16" (14 mm) for shallow mortise installation. For a replacement Vinyl Slide Block order Cat. No. V0SB.

CAT. NO.	FINISH
CRL8020V0XAL	Painted Aluminum
CRL8020V0XBRZ	Painted Dark Bronze
V0SB	Replacement Vinyl Slide Block

Minimum order: 1 each.

CRL Standard Mounting Clip Set



This Mounting Clip Set is the standard set supplied with all CRL Overhead Concealed Door Closers. Minimum order is one each.

CAT. NO. CRL8010FS

CRL Optional Mounting Clip Set



This Mounting Clip Set is used on Kawneer® Doors, and with the CRL8010CP Cover Plate. Minimum order is one each.

CAT. NO. CRL8010FK

CRL Optional Mounting Clip Set



This Mounting Clip Set is commonly used with Arch Aluminum type installations. Minimum order is one each.

CAT. NO. CRL8010FA

CRL Optional Adjustable Mounting Clip

- Fits All CRL Style Overhead Concealed Closers



This Adjustable Mounting Clip allows the door closer to be adjusted within the header to help center the door. Minimum order is one each.

CAT. NO. CANBRKT

CRL Optional Mounting Clip Set



This Mounting Clip Set is commonly used with U.S. Aluminum type installations. Minimum order is one each.

CAT. NO. CRL8010FU

CRL Cover Plate for Overhead Concealed Door Closers

This Cover Plate is designed for use with aluminum headers. Spindle and valve access holes are pre-fabricated. Requires Cat. No. CRL8010FK Mounting Clip Set (see above) to attach. Minimum order is one each.



CAT. NO.	FINISH
CRL8010CPAL	Aluminum
CRL8010CPDU	Dark Bronze

Minimum order: 1 each.

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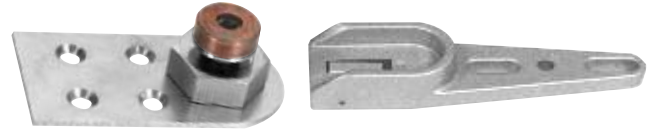
CRL Center-Hung Floor Mounted Bottom Pivots

CRL Door-On Adjustable Bottom Pivot Set

- Bottom Clearance Adjustable From 1/4" to 1/2" (6 to 12 mm)
- For Use With End-Load Arm Applications

This Door-On Adjustable Bottom Pivot Set is intended for use with bottom door rails with a minimum of 1" (25 mm) depth. This Pivot allows the door clearance to be adjusted from 1/4" to 1/2" (6 to 12 mm) with the door installed. Minimum order is one each.

Recommended Maximum Weight Capacity: 200 pounds (91 kg)



CAT. NO. CRL8010ADJ

CRL Adjustable Dual-Purpose Bottom Pivot Set

- Dual-Purpose Pivot Mounts Directly to Floor or Threshold
- For Use With Both End-Load and Side-Load Arms

This Adjustable Dual-Purpose Bottom Pivot Set is for use with 1" (25 mm) deep bottom door rail applications, and is the standard Bottom Pivot Set supplied with our "S" and "A" Type Door Closer packages. It can be used with the base plate for floor mounting or attached directly to the threshold. A 3/16" (5 mm) height adjustment is possible with the door on or off the pivot. Minimum order is one each.

Recommended Maximum Weight Capacity: 200 pounds (91 kg)



CAT. NO. CRL8010DP

CRL Heavy-Duty Adjustable Dual-Purpose Bottom Pivot Set

- Dual-Purpose Pivot Mounts Directly to Floor or Threshold
- For Use With Both End-Load and Side-Load Arms

This Heavy-Duty Adjustable Dual-Purpose Pivot Set is for use with 1" (25 mm) deep bottom door rail applications, and can be used in place of the standard Bottom Pivot Set. The solid steel base plate has additional mounting holes to support heavier doors with higher traffic. A 3/16" (5 mm) height adjustment is possible with the door on or off the pivot. Minimum order is one each.

Recommended Maximum Weight Capacity: 200 pounds (91 kg)



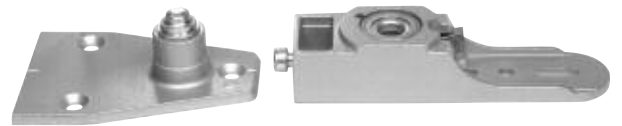
CAT. NO. CRL8010HDP

CRL Adjustable Side-Load Floor Mount Bottom Pivot Set

- "G" Type for Use With Side-Load Arms
- 3/16" (5 mm) Height Adjustment

This Adjustable Bottom Pivot Set is for use with 1-1/2" (38 mm) deep bottom door rail applications. A 3/16" (5 mm) height adjustment is possible with the door installed, and requires an adjustment hole in the end of the door. Minimum order is one each.

Recommended Maximum Weight Capacity: 150 pounds (68 kg)



CAT. NO. CRL8010G

CRL Adjustable Side-Load Threshold Mount Bottom Pivot Set

- "GE" Type for Use With Side-Load Arms
- 3/16" (5 mm) Height Adjustment

This Adjustable Bottom Pivot Set is for use with 1-1/2" (38 mm) deep bottom door rail applications. It mounts to the threshold and is intended for use with side-load applications. A 3/16" (5 mm) height adjustment is possible with the door installed, and requires an adjustment hole in the end of the door. Minimum order is one each.

Recommended Maximum Weight Capacity: 150 pounds (68 kg)



CAT. NO. CRL8010GE

CRL Center-Hung Floor Mounted Bottom Pivots

CRL Floor Mount Adjustable Free-Swinging Pivot

- 220 Pound (100 kg) Capacity
- 3/16" (5 mm) Height Adjustment

This CRL Adjustable Threshold or Floor Mounted Bottom Free-Swinging Pivot provides a 3/16" (5 mm) height adjustment, and is ideal for use with our PH10C, PH11C, and EUR410 Bottom Door Patch Fittings. Minimum order is one each.



CAT. NO. 1NT403

CRL Floor Mount Free-Swinging Pivot

- 7/8" (22 mm) Flat Tapered Spindle
- 440 Pound (200 kg) Capacity

CRL Floor Mounted Free-Swinging Pivot with 7/8" (22 mm) flat tapered type spindle for use with CRL Patch and Door Rail Systems. Minimum order is one each.

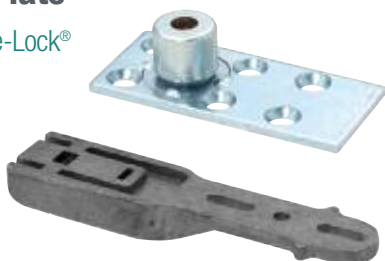


CAT. NO. 1NT402

CRL Complete Heavy-Duty Bottom Pivot With Plate

- Designed to Fit CRL Wedge-Lock® Door Rails

This Heavy-Duty Floor Mounted Bottom Pivot With Plate is designed to be used with CRL Wedge-Lock® Door Rail Systems. Minimum order is one each.

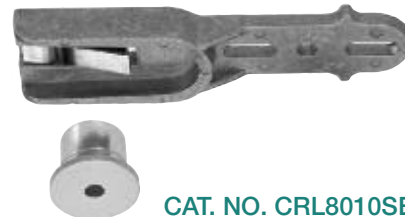


CAT. NO. CRL8010BP

CRL Heavy-Duty Free-Swinging Bottom Pivot Set

- Designed to Fit CRL Wedge-Lock® Door Rails

This Heavy-Duty Bottom Pivot Set is specially designed to fit CRL Wedge-Lock® Door Rails. Minimum order is one each.



CAT. NO. CRL8010SET



Works with CRL8010TBP
Sold Separately
(see below)

CRL Floor Mount Adjustable Free-Swinging Pivot

- Works With 1NT305L/R Bottom Patch Inserts (See Page 230Z)
- 3/16" (5 mm) Height Adjustment

This CRL Adjustable Floor Mounted Bottom Free-Swinging Pivot provides a 3/16" (5 mm) height adjustment.



CAT. NO.

1NT407BS
1NT407PS

FINISH

Brushed Stainless
Polished Stainless

Minimum order: 1 each.

CRL Threshold Base Plate

- For Use With CRL8010SET Bottom Pivot
- Allows the Use of a 1/2" (12.7 mm) High Threshold

This Threshold Base Plate is designed to support the door weight when used with our Cat. No. CRL8010SET Heavy-Duty Free-Swinging Bottom Pivot Set. The Base Plate mounts to the floor, and allows the use of a 1/2" (13 mm) high threshold. Minimum order is one each.



CAT. NO. CRL8010TBP

CRL Floor Mount Adjustable Free-Swinging Pivots

- Two Models Available
- 220 Pound (100 kg) Capacity

These Adjustable Bottom Pivots require a 7/8" to 1" (22 to 25.4 mm) diameter hole. Spindles provide 1/4" (6 mm) height adjustment. Ideal for use with our Patch and Door Rail Systems. Minimum order is one each.



CAT. NO. 1NT404
"MAB" Square Tapered



CAT. NO. 1NT406
Flat Tapered

CRL Automatic Door Bottom Pivot

- Allows Doors to Swing Free

This is a 1" (25 mm) diameter Center-Hung Type Pivot used with Dor-O-Matic® type automatic doors to allow a door to swing free. Minimum order is one each.



CAT. NO. CRL8010DBP

Dorma® RTS88 Series Overhead Concealed Door Closers

dormakaba

- Standard and A.D.A. Compliant Spring Sizes
- Regular and Extended Spindles Available
- Accommodates Doors Weighing Up to 250 Lbs. (113 kg)
- Suitable for Doors Up to 48" (1219 mm) Wide
- Five Year Manufacturer's Warranty



Regular Spindle Models



Extended Spindle Models

The Dorma® RTS88 Series Overhead Concealed Closers are designed to fit into a 1-3/4" x 4" (44 x 102 mm) header for aluminum frames. The closer is capable of accommodating doors weighing up to a maximum of 250 pounds (113 kg) with exterior doors up to 42" (1067 mm) in width and interior doors up to 48" (1219 mm) in width.

The non-handed, double-acting closer is available in 90 degree or 105 degree swing models with hold or no hold open functions. Sweep and latch closing speeds are controlled by two independent, non-critical temperature compensating valves. Available in both standard and extended spindle lengths to accommodate most door types.

REGULAR SPINDLE HOLD OPEN CAT. NO.	REGULAR SPINDLE NO HOLD OPEN CAT. NO.	EXTENDED SPINDLE HOLD OPEN CAT. NO.	EXTENDED SPINDLE NO HOLD OPEN CAT. NO.	DEGREE	SPRING SIZE	DOOR SIZE
RTS88105H0BF1	RTS88105NH0BF1	RTS88105XH0BF1	RTS88105XNHBF1	105°	BF1	A.D.A. 5 lb. Max. at 36" Door
RTS88105H0BFE	RTS88105NH0BFE	RTS88105XH0BFE	RTS88105XNHBFE	105°	BFE	8.5 lb. Max. at 36" Door
RTS8890H03	RTS8890NH03	RTS8890XH03	RTS8890XNH03	90°	3	Ext: 30" to 36" – Int: 36" to 42"
RTS88105H03	RTS88105NH03	RTS88105XH03	RTS88105XNH03	105°	3	Ext: 30" to 36" – Int: 36" to 42"
RTS8890H04	RTS8890NH04	---	---	90°	4	Ext: 36" to 42" – Int: 42" to 48"
RTS88105H04	RTS88105NH04	---	---	105°	4	Ext: 36" to 42" – Int: 42" to 48"

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

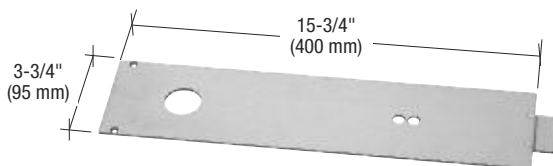


Although Dorma® RTS88 BF1 / BFE Series Closers comply with barrier-free A.D.A. specified opening forces, they may not provide adequate spring power to control and close the door due to varying site conditions and door size.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the Closer and entryway due to over-extension of maximum allowable door swing.

Dorma® RTS Series Cover Plates

The Dorma® Cover Plate is designed for use with aluminum type headers and fits the RTS Series Overhead Concealed Closers. Spindle and valve access holes are pre-fabricated.



CAT. NO.	FINISH
RTS8563AL	Aluminum
RTS8563DU	Dark Bronze

Minimum order: 1 each

Dorma® RTS Offset Arm and Slide Channel



This Dorma® RTS Offset Arm and Slide Channel Set is intended for use with 3/4" (19 mm) deep top rails. The non-handed assembly includes a slide-track, offset arm and all mounting hardware. It is used with aluminum, steel or wood doors, hung on 3/4" (19 mm) offset pivots or 4-1/2" (114 mm) wide butt hinges. Requires a minimum 3/4" (19 mm) top door rail depth. Minimum order is one each.

CAT. NO. RTS8812

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LCN® 2030 Series Single Acting Overhead Concealed Door Closers

- Heavy-Duty Closer Designed to Fit in a 1-3/4" x 4" (44 x 102 mm) Header
- Fixed Spring Sizes for Doors Up to 54" (1.37 m)
- Handed for Single Sliding Acting Offset Applications
- Barrier-Free Models to Meet A.D.A. Requirements
- Certified ANSI A156.4, Grade 1
- UL and ULC Listed for Self Closing Doors Without Hold-Open
- 15 Year Limited Manufacturer's Warranty



LCN



LCN® specializes in solving door control problems through the use of high quality, innovative door control products. By adhering to high standards of performance, LCN® has earned a leadership role within the industry and is committed to providing some of the best door closers in the world. The 2030 Series is a heavy-duty concealed door closer designed for offset applications with a single lever arm and roller track assembly to provide a smooth, quiet door control. For additional information, contact CRL Door and Window Department at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7520. You can also visit our web site at crlaurence.com/door-closers.



*Although A.D.A. Closers comply with barrier-free A.D.A. specified opening forces, they may not provide adequate spring power to control and close the door due to varying site conditions and door size.

NOTE: An auxiliary floor or overhead stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

2030 SERIES OVERHEAD CONCEALED DOOR CLOSERS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	PAINTED FINISH	SPRING SIZE	CLOSER DESCRIPTION
2031LAL	2031RAL	Aluminum	1	*A.D.A. 5 lb. Max. at 36" (914 mm) Door
2031LDU	2031RDU	Dark Bronze	1	*A.D.A. 5 lb. Max. at 36" (914 mm) Door
2033LAL	2033RAL	Aluminum	3	Ext: to 30" (762 mm) – Int: 34" to 38" (864 to 965 mm)
2033LDU	2033RDU	Dark Bronze	3	Ext: to 30" (762 mm) – Int: 34" to 38" (864 to 965 mm)
2034LAL	2034RAL	Aluminum	4	Ext: 30" to 36" (762 to 914 mm) – Int: 38" to 48" (965 to 1219 mm)
2034LDU	2034RDU	Dark Bronze	4	Ext: 30" to 36" (762 to 914 mm) – Int: 38" to 48" (965 to 1219 mm)
2035LAL	2035RAL	Aluminum	5	Ext: 36" to 42" (914 to 1067 mm) – Int: 48" to 54" (1219 to 1372 mm)
2035LDU	2035RDU	Dark Bronze	5	Ext: 36" to 42" (914 to 1067 mm) – Int: 48" to 54" (1219 to 1372 mm)

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

LCN® Hold-Open Clip

NEW!

- Mounts in Track to Provide Hold-Open Function
- Hold-Open Point Controlled by Clip Location
- Requires Use of 20303034H Hold-Open Track Roller (see below)



CAT. NO. 20303054N

Minimum order: 1 each.

NOTE: Fits Tracks Manufactured After 2/8/2016.

LCN® Track Bumper

NEW!

- Mounts in Track to Assist With Backcheck
- Limits Maximum Opening
- Does Not Replace Auxiliary Stop



CAT. NO. 2030169N

Minimum order: 1 each.

NOTE: Fits Tracks Manufactured After 2/8/2016.

LCN® Hold-Open Track Roller

NEW!

- Required With 20303054N Hold-Open Clip (see above)
- Replacement for Use With LCN® 2030 Hold-Open Track Assembly



CAT. NO. 20303034H

Minimum order: 1 each.

LCN® Non Hold-Open Track Roller

- Quiet, Low Friction Roller Assembly
- Replacement for Use With LCN® 2030 Hold-Open Track Assembly



CAT. NO. 20303034

Minimum order: 1 each.

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LCN® 6030 Series Double Acting Overhead Concealed Door Closers

LCN

- Heavy-Duty Closer Designed to Fit in a 1-3/4" x 4" (44 x 102 mm) Header
- Fixed Spring Sizes for Doors Up to 54" (1.37 m)
- Non Handed for Double Acting Center-Hung Applications
- Models to Meet A.D.A. Barrier-Free Requirements
- Certified ANSI A156.4, Grade 1
- UL and C-UL Listed for Self Closing Doors Without Hold-Open
- 15 Year Limited Manufacturer's Warranty

NEW!



The LCN® 6030 Series is a heavy-duty concealed door closer designed for double acting center-hung applications with a single lever arm and roller track assembly to provide a smooth, quiet door control. A 7255SET Center-Hung Pivot is required and must be ordered separately (see page 476Z). For additional information, contact the CRL Door and Window Department at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7520. You can also visit our web site at crlaurence.com/door-closers.

Model 7255SET
Center-Hung Pivot
Sold Separately
See Page 476Z.



*Although A.D.A. Closers comply with barrier-free A.D.A. specified opening forces, they may not provide adequate spring power to control and close the door due to varying site conditions and door size.

NOTE: An auxiliary floor or overhead stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

6030 SERIES OVERHEAD CONCEALED DOOR CLOSERS

LEFT HAND CAT. NO.	PAINTED FINISH	SPRING SIZE	CLOSER DESCRIPTION
6031AL	Aluminum	1	*A.D.A. 5 lb. Max. at 36" Door
6031DU	Dark Bronze	1	*A.D.A. 5 lb. Max. at 36" Door
6033AL	Aluminum	3	Ext: to 34" (864 mm) – Int: 34" to 38" (864 to 965 mm)
6033DU	Dark Bronze	3	Ext: to 34" (864 mm) – Int: 34" to 38" (864 to 965 mm)
6034AL	Aluminum	4	Ext: 34" to 36" (864 to 914 mm) – Int: 38" to 48" (965 to 1219 mm)
6034DU	Dark Bronze	4	Ext: 34" to 36" (864 to 914 mm) – Int: 38" to 48" (965 to 1219 mm)
6035AL	Aluminum	5	Ext: 36" to 42" (914 to 1067 mm) – Int: 48" to 54" (1219 to 1372 mm)
6035DU	Dark Bronze	5	Ext: 36" to 42" (914 to 1067 mm) – Int: 48" to 54" (1219 to 1372 mm)

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

LCN® Hold-Open Clip

NEW!

- Mounts in Track to Provide Hold-Open Function
- Hold-Open Point Controlled by Clip Location
- Requires Use of 60303034H Hold-Open Track Roller (See Below)



CAT. NO. 60303054
Minimum order: 1 each.

LCN® Track Bumper

NEW!

- Mounts in Track to Assist With Backcheck
- Limits Maximum Opening



CAT. NO. 6030169
Minimum order: 1 each.

NOTE: Track Bumper does not replace auxiliary stop.

LCN® Hold-Open Track Roller

NEW!

- Required to be Used With 60303054 Hold-Open Clip (See Above)



CAT. NO. 60303034H
Minimum order: 1 each.

LCN® Track Roller

NEW!

- Quiet, Low Friction Roller Assembly



CAT. NO. 60303034
Minimum order: 1 each.

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