

FHC Door Closers

PROFESSIONAL GRADE

FHC ALUMINUM® Door Closers

Usage and Benefits for What Type of Door Closers to Choose for Your Project

Choosing the right door closer for your project is important, and there are many product options, so you must carefully select the best closer that fits the entrance, adequately controls the door, and complies with local and federal building regulations. FHC is here to help you make the right decision with some key insight into door closers.

DOOR CLOSER TYPES

FHC Overhead Concealed Door Closers

FHC Floor Mounted Closers

FHC Surface Mounted Door Closers

Both Floor Mounted and Overhead Concealed Door Closers are always the best option when using all-glass rail or patch-fitting doors, as they offer improved aesthetics with minimal visible hardware. Surface Mounted Door Closers are most popular since they provide a wide range of features and options that are not found on other types of closers.



FHC Overhead Concealed Door Closers

See Pages 75 to 80

FHC Floor Mounted Door Closers are the most durable, longest lasting option and are necessary when dealing with heavy doors or areas with high-to-extreme traffic.



FHC Floor Mounted Door Closers

See Pages 81 to 96

FHC Surface Mounted Closers are commonly used for aluminum storefront doors and are the best option for low-to-medium traffic entrances. They are also highly economical and easy to install, requiring a minimum of drilling or cutting



FHC Surface Mounted Door Closers

See Pages 97 to 104

FHC Overhead Concealed Door Closers are best used in medium-to-heavy traffic areas. They are installed and hidden from view inside the headers of storefront doors and frames.



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Door Closers



Enter the Item Number or scan QR code with your smartphone for complete product details

FHC Overhead Concealed Door Closers

FHC Overhead Concealed Door Closers

- For Doors 30" to 48" Wide and Up to 250 Lbs.
- Available in Medium and Adjustable Spring Series
- 1/2" and 7/8" Spindle Versions Available
- 90 Degree and 105 Degree Hold Open and No Hold Open Models
- Adjustable Model Spring Size 1-4 Barrier-Free
- Mounting Clips Included
- Five Year Limited Warranty

Medium Spring Overhead Concealed Door Closer

Medium Duty Fixed Spring With Mounting Clips



FHC Spring Overhead Concealed Door Closers

Adjustable Spring 1-4 with Mounting Clips



CAUTION!

Door Closers Adjusted to Meet A.D.A. Requirements, Including those Certified to BHMA and ANSI Standard A156.4, May Not Provide Sufficient Power to Close and Latch Door.



MEDIUM SPRING OVERHEAD CONCEALED DOOR CLOSERS

1/2" SPINDLE ITEM NO.	7/8" SPINDLE ITEM NO.	MODEL
FHCSM105H0	FHCM105H0	Medium Duty 105 Degree HO
FHCSM105NH0	FHCM105NH0	Medium Duty 105 Degree NHO
FHCSM90H0	FHCM90H0	Medium Duty 90 Degree HO
FHCSM90NH0	FHCM90NH0	Medium Duty 90 Degree NHO

Minimum order: 1 each.

ADJUSTABLE SPRING OVERHEAD CONCEALED DOOR CLOSERS

1/2" SPINDLE ITEM NO.	7/8" SPINDLE ITEM NO.	MODEL
FHCSA105H0	FHCA105H0	Adjustable 105 Degree HO
FHCSA105NH0	FHCA105NH0	Adjustable 105 Degree NHO
FHCSA90H0	FHCA90H0	Adjustable 90 Degree HO
FHCSA90NH0	FHCA90NH0	Adjustable 90 Degree NHO

Minimum order: 1 each.

FHC Mounting Clip Set For OHCC Closers

- Secures Overhead Concealed Closers into the Header
- For Series "SM", "M", "SA", and "A" Overhead Closers
- Includes Mounting Screws



ITEM NO. 3010FSA
Minimum Order: 1 Each.

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FHC Mounting Clip Set For D3000 Series Closers

- Secures Overhead Concealed Closers into the Header
- Includes Mounting Screws



ITEM NO. 3010FSP
Minimum Order: 1 Each.

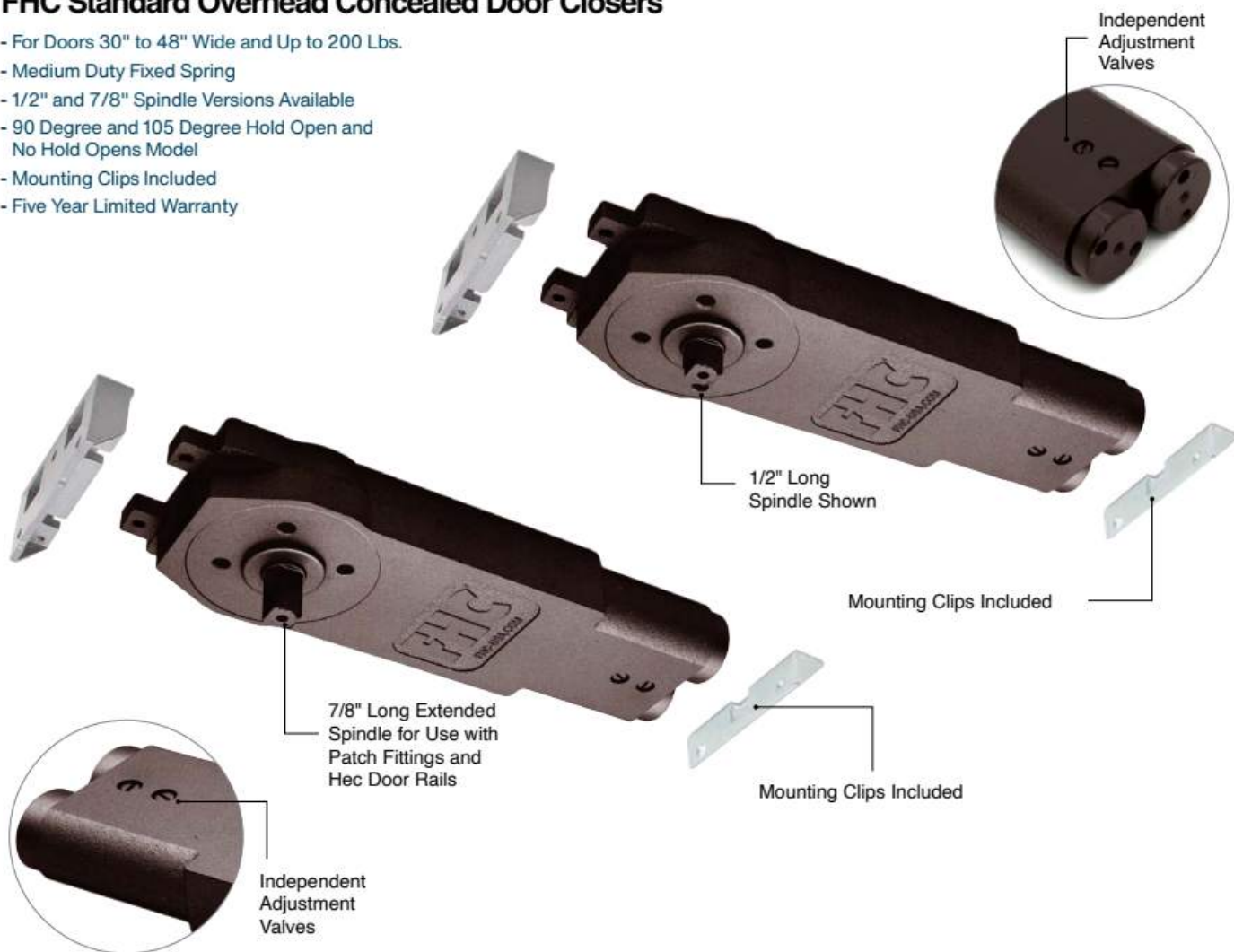
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4361 Firestone Blvd. South Gate, CA 90280
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FHC Overhead Concealed Door Closers

FHC Standard Overhead Concealed Door Closers

- For Doors 30" to 48" Wide and Up to 200 Lbs.
- Medium Duty Fixed Spring
- 1/2" and 7/8" Spindle Versions Available
- 90 Degree and 105 Degree Hold Open and No Hold Opens Model
- Mounting Clips Included
- Five Year Limited Warranty



1/2" SPINDLE ITEM NO.	7/8" SPINDLE ITEM NO.	DESCRIPTION
FHC760	FHC960	FHC 90 Degree Hold Open Medium Duty OHCC
FHC762	FHC962	FHC 90 Degree No Hold Open Medium Duty OHCC
FHC770	FHC970	FHC 105 Degree Hold Open Medium Duty OHCC
FHC772	FHC972	FHC 105 Degree No Hold Open Medium Duty OHCC

Minimum order: 1 each.

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FHC Door Pressure Gauge

- Measures Entire Range of Force Required to Open Interior and Exterior Doors
- 0-35 Pound Force Range
- Ideal for Glass Door Installers, Contractors and Architects
- Easily Determine if Door Meets A.D.A. Regulations



ITEM NO. **DPG035**

Minimum Order: 1 Each.

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FHC Overhead Concealed Door Closers

FHC D200 and D300 Series Overhead Concealed Door Closers

- For Doors 30" to 48" Wide and Up to 250 Lbs.
- Available in Medium and Adjustable Spring Series
- 1/2" and 3/4" Spindle Versions Available
- 90 Degree and 105 Degree Hold Open and No Hold Open Models
- Adjustable Model Spring Size 1-4 Barrier-Free
- Mounting Clips Included
- Five Year Limited Warranty



D300 Series

Adjustable Spring 1-4
With Mounting Clips



ITEM NO. 3010FSP

Mounting Clip Set for D200 and D300 Series.
Minimum Order: 1 Each.



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D200 SERIES MEDIUM SPRING OVERHEAD CONCEALED DOOR CLOSERS

1/2" SPINDLE ITEM NO.	7/8" SPINDLE ITEM NO.	MODEL
D2000B230	D2000B31240	Medium Duty 105 Degree HO
D2000B231	D2000B31241	Medium Duty 105 Degree NHO
D2000B232	D2000B31242	Medium Duty 90 Degree HO
D2000B233	D2000B31243	Medium Duty 90 Degree NHO

Minimum order: 1 each.

D300 SERIES ADJUSTABLE SPRING OVERHEAD CONCEALED DOOR CLOSERS

1/2" SPINDLE ITEM NO.	3/4" SPINDLE ITEM NO.	MODEL
D3000B310	D3000B20310	Adjustable 105 Degree HO
D3000B311	D3000B20311	Adjustable 105 Degree NHO
D3000B312	D3000B20312	Adjustable 90 Degree HO
D3000B313	D3000B20313	Adjustable 90 Degree NHO

Minimum order: 1 each.



1) Steel spring cap is now on top of closer body utilizing a new high performance O-Ring and epoxy sealed threads for double protection.



2) New automotive type heavy-duty spindle seal replacing old standard O-ring technology.



3) Adjustment valves now with two high performance O-rings for double protection.
4) Now with steel end caps incorporating new high performance O-rings and epoxy sealed threads for double protection.

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FHC Overhead Concealed Door Closers

Dorma® RTS88 Series Overhead Concealed Door Closers



- Cast Iron Body With Heavy-Duty Ball Bearings for Single Acting and Double Acting Doors
- 1-3/4" x 4" Minimum Size Header
- 250 Lbs. Weight Capacity Per Door
- 3/4" Extended Spindle
- Mechanical Backcheck Feature to Slow Down Door
- Pressure Relief Valve Protects Closer From Damage Caused by Forced Closing
- Closing Speeds Are Controlled With Two Adjustment Valves
- Mounting Clips Supplied
- ADA Barrier-Free 5 Lbs. Models Available
- Five Year Limited Warranty



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ITEM NO.	DESCRIPTION	SPRING	DOOR SIZE
RTS88105H0BF1	105 Degree Hold Open	BF1	Max 36" Wide at 5 Lbs. AA
RTS88105NH0BF1	105 Degree No Hold Open	BF1	Max 36" Wide at 5 Lbs. AA
RTS88105H0S3	105 Degree Hold Open	3	Exterior 30" - 36" Wide; Interior 36" - 42" Wide
RTS88105NH0S3	105 Degree No Hold Open	3	Exterior 30" - 36" Wide; Interior 36" - 42" Wide
RTS8890H0S3	90 Degree Hold Open	3	Exterior 30" - 36" Wide; Interior 36" - 42" Wide
RTS8890NH0S3	90 Degree No Hold Open	3	Exterior 30" - 36" Wide; Interior 36" - 42" Wide

Minimum order: 1 each.

LCN® 6030 Series Heavy-Duty Double Acting Concealed Door Closer

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- For Doors Up to 48" Wide
- Works With Ives Center Hung Pivot #7255 (See Page 116)
- Closing Power May be Increased 35%
- Grade 1, ANSI A156.4
- Five Year Limited Warranty

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ITEM NO.	SPRING SIZE	DOOR SIZE	FINISH
LCN6031SA	A.D.A. Size 1	Max 36" Wide	Aluminum
LCN6031DU	A.D.A. Size 1	Max 36" Wide	Dark Bronze
LCN6033SA	3	Exterior 4" Wide; Interior 38" Wide	Aluminum
LCN6033DU	3	Exterior 4" Wide; Interior 38" Wide	Dark Bronze
LCN6034SA	4	Exterior 36" Wide; Interior 48" Wide	Aluminum
LCN6034DU	4	Exterior 36" Wide; Interior 48" Wide	Dark Bronze

Minimum order: 1 each.

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FHC Overhead Concealed Door Closers

LCN® 2030 Series Overhead Concealed Closer

LCN®

- Designed for Institutional High Traffic Areas
- Minimum Header Size 1-3/4" x 4"
- Cast Iron Body
- Grade 1-ANSI A156.4, UL 10C, ADA, 100 Hour Salt Spray, Buy American Act BBA
- Handed
- Closing Power of All 2030 Series Closers May Be Increased by 35%
- Supplied with Wood and Machine Screws Pack
- Supplied with Standard Arm and Track



LEFT HAND ITEM NO.	RIGHT HAND ITEM NO.	SPRING SIZE	DESCRIPTION	FINISH
2031LHAL	2031RHAL	1	ADA 5 lb. Max. at 36"	Aluminum
2031LH DU	2031RH DU	1		Dark Bronze
2033LHAL	2033RHAL	3	Exterior: 30" Interior: 34" to 38"	Aluminum
2033LH DU	2033RH DU	3		Dark Bronze
2034LHAL	2034RHAL	4	Exterior: 30" to 36" Interior: 38" to 48"	Aluminum
2034LH DU	2034RH DU	4		Dark Bronze

Minimum order: 1 each.



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LCN® Track Bumper

- Mounts in Track to Assist Back Check
- Limits Maximum Opening
- Consists of Bumper, Bumper Post, and Mounting Screw



ITEM NO. **2030169**
Minimum Order: 1 Each.

LCN® Hold Open Clip

- Mounts in Track to Provide Hold Open Function
- Hold Open Point Controlled by Clip Location
- Requires 20303034H Hold Open Track Roller



ITEM NO. **20303054**
Minimum Order: 1 Each.

LCN® Hold Open Track Roller

- For Hold Open Applications
- Quiet, Low Friction Roller Assembly
- Shoulder Dimension is 1/16"



ITEM NO. **20303034H**
Minimum Order: 1 Each.

LCN® Track Roller

- Quiet, Low Friction Roller Assembly
- Shoulder Dimension is 1/16"



ITEM NO. **20303034**
Minimum Order: 1 Each.

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FHC Overhead Concealed Door Closers

FHC Heavy-Duty F900 Series Adjustable Spring Overhead Concealed Door Closer

- For Offset and Double Acting Center Hung Doors
- 1000 Lb. Door Weight Capacity
- 180 Degree Door Swing
- 2-1/2" X 3-5/8" Minimum Header Extrusion Needed to Mount
- 1-6 Spring Power Adjustability
- 3 Degree Dial Adjustment for Precise Alignment of Door
- Features an Integrated Bubble Level
- UL Listed
- Closer can be Set to Comply with A.D.A. Opening Force
- Mounting Brackets and Screws Included
- Five Year Limited Warranty



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ITEM NO.	DESCRIPTION
F900H0TC	Hold Open at 90 and 120 Degree, 180 Degree Door Swing
F900NH0TC	No-Hold Open, 180 Degree Door Swing

Minimum order: 1 each.

FHC F900 OHCC Replacement Mounting Bracket

- Supports F900H0TC and F900NH0TC Concealed Closers in Header
- Standard Bracket Supplied with F900 Series Overhead Concealed Door Closers
- Screws Included



ITEM NO. **F900FB**

Minimum Order: 1 Each.

FHC Heavy-Duty Floor Mounted Pivot

- 550 Pound Weight Capacity
- For Use with F900 Series Heavy-Duty Overhead Concealed Door Closers
- Screws Included



ITEM NO. **HD3010DP**

Minimum Order: 1 Each.



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