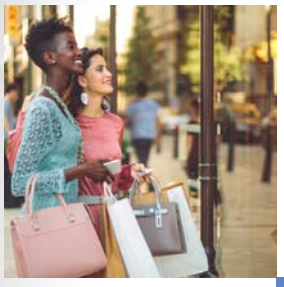
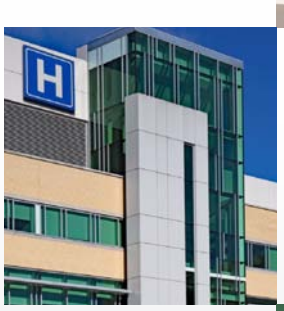


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DC3000 Series
Door Closers

Product Catalog

Experience a safer
and more open world

Overview

DC3000 Series

Overview of Features

Features	DC3200 Closers
Spring power	Multi-sized; Adjustable 1-6
Latching speed valve	Standard
Closing speed valve	Standard
Backcheck intensity valve	Standard
Delayed action valve	Optional
Parallel arm mounting	Optional
Top jamb mounting	Optional
Hold open	Optional
Sex nuts and bolts (SNBs)	Optional
Corrosion protection	Optional
Full cover	Standard
15-year warranty	Standard
Heavy-duty regular arm	Optional
Heavy-duty parallel arm	Optional
Backstop arm	Optional

Finishes		
Old Designation	**Description**	**Specify**
USP	Primed	600
N/A	Dark Oxidized Satin Bronze - equivalent	613E
SBL	Silver Aluminum	689
LBL	Dark Bronze	690
DBL	Light Bronze	691
FBL	Black	693
GBL	Satin Brass	696
N/A	Black Suede Powder Coat	BSP
N/A	White Suede Powder Coat	WSP

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Features

DC3000 Series

Features

Spring Power
Multi-sized; fully adjustable 1 through 6.

Handing
Non-handed.

Body
Cast iron case with seamless cold-headed steel spring tube.

Arm
Standard: forged steel. Optional arms, pages 7 and 8.

Spindle
Cold-headed heat-treated steel.

Piston
1-3/8" diameter; Precision machined, heat-treated steel.

Springs
Chrome silicon wire.

Valves
Latching speed, closing speed and backcheck intensity valves standard. Delayed action valve optional (preset for 20 seconds; between 90° and 70° for all mountings.) To order, specify M71.

Seals
"O"rings.

Fluid
Standard high lubricity extreme temperature hydraulic fluid.

Degree of Opening
Up to full 180° opening standard for regular, top jamb and parallel arm mountings, conditions permitting.

Power Adjustment Arm Bracket
15% adjustment standard.

Cover
Non-metallic full cover.

Mountings
Standard: regular arm and top jamb. Parallel arm or tri-style packaging - specify DC3210
Optional mountings; see page 6.

Mounting Bracket
Quik-Install™ mounting bracket standard.

Fasteners
Standard: self-drilling screws.
Optional: sex nuts and bolts (SNBs); Specify M54.

Corrosion Protection
Painted protective coating on all metal surfaces for use in corrosive environments. Specify M75.

Warranty
15-year limited warranty. Refer to Corbin Russwin price book for details.

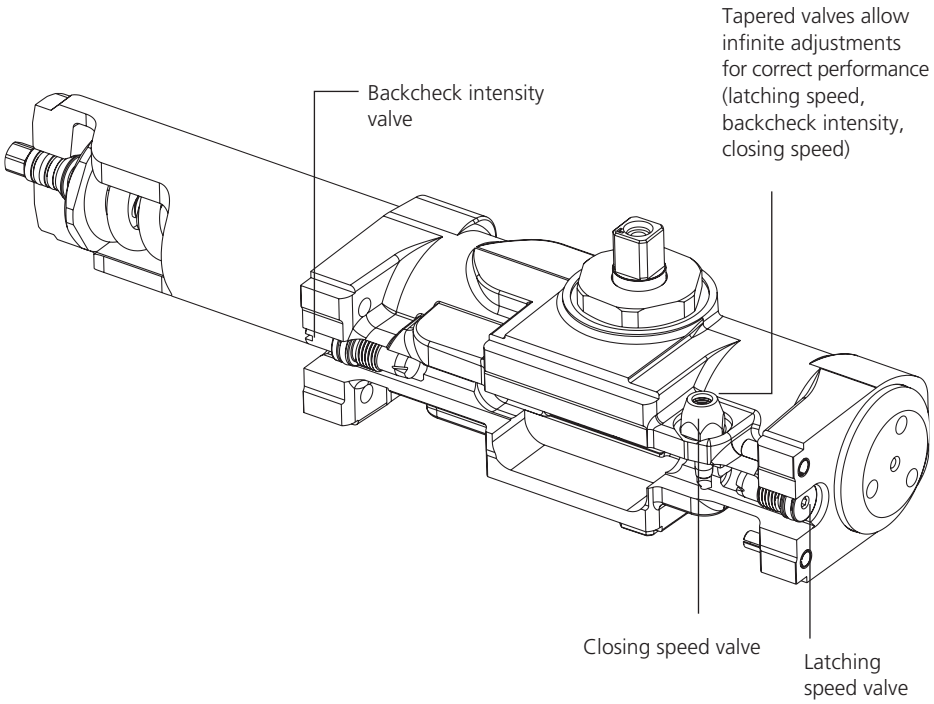
Certification/Compliance

Barrier-Free Code Compliance
The DC3000 Series Door Closers listed below conform to the 5 lbf. maximum door opening force requirement for non-fire-rated interior hinged doors, according to:

Americans with Disabilities Act (ADA)
Complies with the Accessibility Guidelines for Buildings and Facilities, Section 4.13.11.

ANSI/BHMA Certified
A156.4, Grade 1.
A117.1.

UL / ULC / UL10C
Listed for fire and cycle requirements.



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Mountings

DC3000 Series



DC3200 Regular Arm Mounting

- Most common mounting, providing the greatest closing efficiency
- Closer is mounted on the pull side, with the arm perpendicular to the face of the door
- Arm bracket is attached to the door frame



DC3210 Parallel Arm Mounting

- Allows inside application of closer on out-swinging doors
- Closer is mounted on the push side, with the arm parallel to the face of the door
- Arm does not project from the opening



DC3220 Top Jamb Mounting

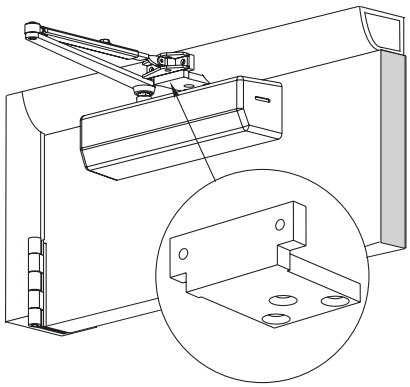
- Accommodates reveals up to 3-1/4" (83mm)
- Closer is mounted on the push side, with the arm perpendicular to the face of the door
- Arm bracket is mounted on the door
- Minimum 1-3/4" (44mm) top jamb required

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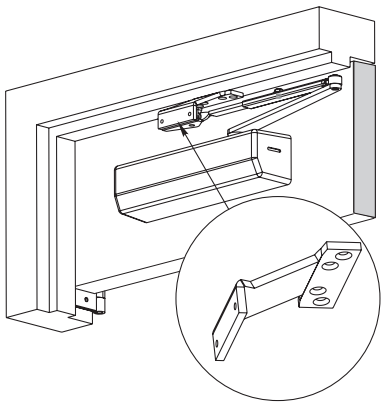
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Mountings

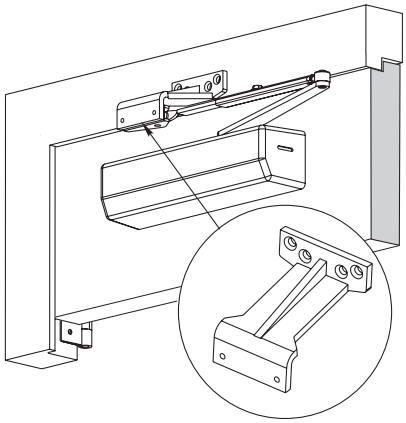
DC3000 Series



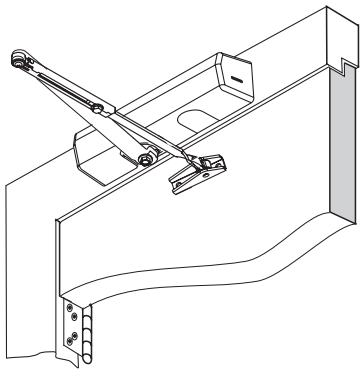
Regular Arm Mounting with Mortise Arm Bracket
Used on inadequately reinforced frames, such as those with bull nose trims.



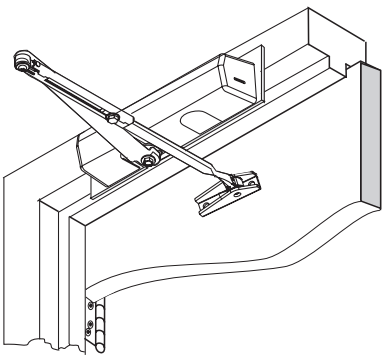
Parallel Arm with Offset Angle Bracket Mounting
Allows parallel arm mounting when used with an overhead door holder.



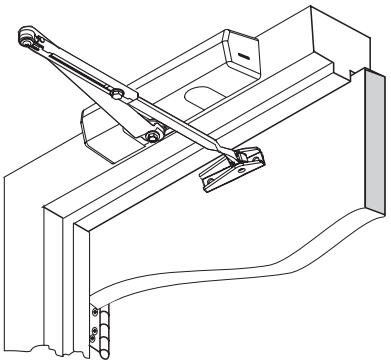
Parallel Arm Mounting with Flush Transom Bracket
Allows parallel arm mounting on flush transom applications.



Top Jamb Flush Transom Mounting
Closer is top jamb mounted on the push side; arm is attached to the door.



Narrow Frame Mounting
For use when the frame is too narrow for a normal top jamb or top jamb track mounting. (Shown with 188F65 drop plate)



Top Jamb Deep Reveal Mounting
For reveals greater than 3-1/4" (83mm), up to 7-1/4" (184mm).

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Door Closer Arms

DC3000 Series

688F95
(Non-Hold Open)

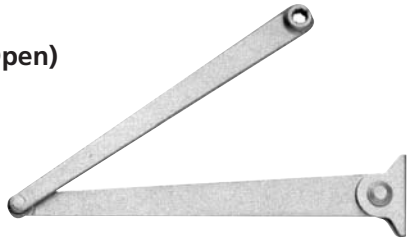


688F77
(Hold-Open)



Regular Arm
- Used with regular arm mounting (pull side) and top jamb mounting (push side)
- Non-Hold Open arm standard on the DC3200
- Hold Open arm optional, specify closer x **A1***

597F52
(Non-Hold Open)



Heavy-Duty Regular Arm
- Recommended for high-use, high-abuse environments
- Tamper-resistant, solid forged steel riveted arm
- Mounted on pull side
- Optional on DC3200 closer, specify closer x **A10**

688F95 x 188F41
(Non-Hold Open)



688F77 x 509F49
(Hold Open)



Parallel Arm
- Mounted on push side
- Non-Hold Open arm combines regular arm with parallel arm mounting bracket
- Hold Open arm combines regular hold open arm with parallel arm mounting bracket
- Non-Hold Open arm standard on the DC3210
- Hold Open arm optional, specify closer x **A1***

***Not allowed by code on fire doors.**

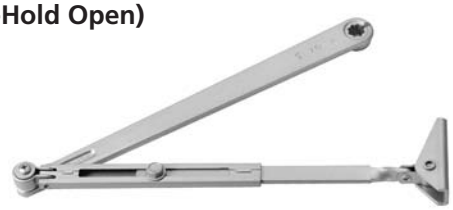
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Door Closer Arms

DC3000 Series

688F95
(Non-Hold Open)



688F77
(Hold Open)



Top Jamb

- Used with top jamb mounting (push side); for reveals up to 3-3/4" (95 mm)
- Non-Hold Open arm standard on the DC3220
- Hold Open arm optional, specify closer x **A1***

689F02
(Non-Hold Open)



689F01
(Hold Open)



Heavy-Duty Parallel Arm

- Recommended for high-use, high-abuse environments
- Tamper-resistant, solid forged steel riveted arm
- Mounted on push side
- Optional on DC3210 closers
- Non-hold open arm, specify closer x **A3**
- Hold open arm, specify closer x **A2***. Hold-open range 85° to 110°

689F03
(Non-Hold Open)



689F04
(Hold Open)



Heavy-Duty Reversible Backstop Parallel Arm

- Recommended for high-use, high-abuse environments
- Tamper-resistant, solid forged steel riveted arm (mounted on push side)
- Field-reversible steel lug restricts degree of opening to protect door, wall and hardware
- Requires both backcheck valves on closer
- Shipped standard as left hand. Handing can be reversed in the field
- Optional on DC3210 closers
- Non-hold open arm, specify closer x **A4**. Door stop range 85° to 110°
- Hold open arm, specify closer x **A5***. Door stop/hold open range 85° to 110°

***Not allowed by code on fire doors.**

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Mounting Brackets

DC3000 Series

188F03



Quik-Install™ Mounting Bracket

- Standard on all closers
- Reduces installation time
- Ensures correct mounting
- Bracket is first mounted to door or frame, then closer is attached
- Bracket size: 1-3/4" (44mm) (vertical) x 6" (152mm) (horizontal)
- Hole spacing: 1" (25mm) (vertical) x 4-5/16" (110mm) (horizontal)

244F17



Mortise Arm Bracket for Regular Arm Mounting

- For regular arm mounting where frame requires reinforcement, i.e., on frames with bull nose trim
- Specify closer x M84

188F41



Parallel Arm Non-Hold Open Bracket

- Converts regular arm to parallel arm closer
- Standard with parallel arm mounting
- Packed with five screws and 691F78 spacer

509F49



Parallel Arm Hold Open Bracket

- Converts regular arm hold open to parallel arm hold open closer
- Standard with parallel arm hold open mounting

188F62



Parallel Arm Offset Bracket

- Required when parallel arm is used in conjunction with an overhead door holder
- Specify closer x M83

188F63



Parallel Arm Flush Transom Bracket

- Required when parallel arm mounting is used on a flush transom application
- Specify closer x M82

Specify finish when ordering parts.

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Brackets and Covers

DC3000 Series



Drop Plate (Option M80)

Permits parallel arm or top jamb mounting on door when top rail is too narrow to install closer in the regular manner. Minimum 2" top rail required. Optional on DC3000 series closers; see Quick Codes, page 13. To order separately, specify drop plate number x Finish

Closer Series	Drop Plates
	Full Cover
DC3210	597F58
DC3220	188F65

Maximum Power



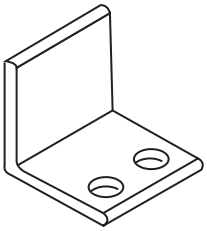
Normal Power



Power Adjustment Arm Bracket

Standard on all closers without hold open. In regular arm or top jamb mounting, bracket may be reversed to increase closing power 15%.

447F14



Angle Support Bracket and Spacer

- Available separately for mounting of A2, A3, A4 and A5 heavy-duty arms on narrow frame or soffit conditions
- Specify closer x M85

597F78



Full Cover

- Standard on all DC3000 series door closers
- Completely covers closer body
- Non-handed
- Dimensions: 11-5/8" (295mm) x 3" (76mm) x 2-3/4" (70mm) deep

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Quick Codes

DC3000 Series

Series/Mounting/Size		
Description	**Mounting**	**Specify**
DC3200 Closers Multi-sized; full adjustability from size 1-6	Regular Arm	DC3200
	Parallel Arm	DC3210
	Top Jamb	DC3220

Arm	
Description	**Specify**
Regular non-hold open	(standard)
Hold open	A1*
Heavy-duty parallel with hold open	A2*
Heavy-duty parallel non-hold open	A3
Heavy-duty backstop non-hold open	A4
Heavy-duty backstop with hold open	A5*
Heavy-duty regular non-hold open	A10

*** Hold Open arms cannot be used on fire doors.**

Handing	
Hand	**Specify**
Right Hand/Left Hand Reverse	RH
Left Hand/Right Hand Reverse	LH

Finish		
Description		**Specify**
USP	Primed for Painting	600
N/A	Dark Oxidized Satin Bronze - equivalent	613E
SBL	Silver Aluminum Painted	689
LBL	Dark Bronze Painted	690
DBL	Light Bronze Painted	691
FBL	Black Painted	693
GBL	Satin Brass Painted	696
BSP	Black Suede Powder Coat	BSP
WSP	White Suede Powder Coat	WSP

Door Thickness	
Door Thickness	**Specify**
1-3/4" (44mm)	(standard)
2" (51mm)	D200
2-1/4" (57mm)	D214

Miscellaneous Options	
Description	**Specify**
Sex nuts and bolts (SNBs) (1-3/4" minimum thickness)	M54
Delayed action	M71
Full cover	(standard)
Corrosion protection	M75
Heavy-duty parallel arm flush transom bracket (499F30) used with A2, A3, A4, A5 arms	M79
Parallel arm flush transom bracket (parallel or A1)	M82
Parallel arm offset bracket	M83
Mortise arm bracket (for regular arm mounting)	M84
Angle support bracket	M85
Extreme temperature fluid	(standard)

Drop Plates - order by number (formerly M80)	
Closer Series	**Drop Plate**
DC3210 (parallel)	597F58
DC3220 (top jamb)	188F65

Paint (cans)	
Description	**Specify**
Silver Aluminum	597F94
Dark Bronze	597F95
Light Bronze	597F96
Satin Brass	597F97

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