



Door Closers

5100 Series



Grade 1

Heavy Duty Surface Door Closer

Ideal for schools, hospitals and other high-use environments

5100 Series

- Lifetime warranty
- Tri-pack mount - Standard
- Sex nuts and bolts - Standard

Certifications:

- BHMA Certified ANSI A156.4, adjustable sizes 2 to 6
- ADA Compliant ANSI A117.1 Accessibility Code only for adjustable sizes 1 to 4
- UL/cUL Listed for up to 3 hours
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated

Material:

- Cast Iron

Cover:

- Full Plastic Cover - Standard
- Plated Metal Cover - Optional

Springs:

- One piece seamless steel spring tube
- Double heat treated steel, tempered springs

Valves:

- Adjustable latching and sweep speed valve
- Adjustable backcheck valve
- Delayed action valve - Optional
- Staked valves - Standard

Handing:

- Non-handed

Arms & Brackets:

- Tri-Pack
- Regular, Top Jamb and Parallel Arm Mount - Standard

Door Thickness:

- 1³/₄" (44 mm)
- 1³/₈" - 2¹/₄" thick door (36 mm - 57 mm) - Optional

Fasteners:

- Self-reaming, self-tapping wood and machine screws
- Sex nuts and bolts

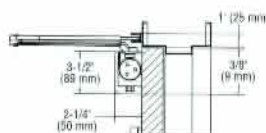
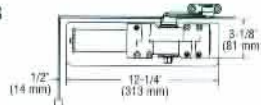
Finishes:

- ALM, BRZ, DBZ, GOL, US3, US26, US26D

Notes:

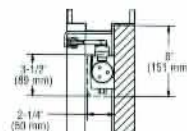
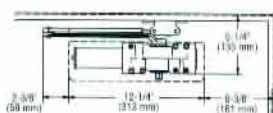
- Full rack and pinion operation
- Precision machined, heat treated steel piston
- Triple heat treated steel spindle

Arm Mounts



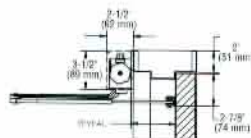
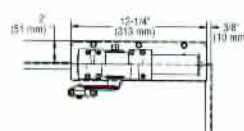
Regular Arm Mount

- Opening: • Templating allows up to 120°
- Hold-open: • Hold-open points 90° up to 120° with hold-open arm
- Frame face: • 1¹/₄" (32 mm) minimum
- Ceiling clearance: • 1¹/₄" (32 mm) minimum
- Top rail: • Less than 3¹/₄" (83 mm) requires plate, 5109
• Plate requires 2" (51 mm) minimum
- Top rail clearance: • 4" (102 mm) from the top of door



Parallel Arm Mount

- Opening: • Templating allows up to 180°
- Hold-open: • Hold-open points 90° up to 180° with hold-open arm
- Top rail: • 5/8" frame stop
• Less than 5¹/₂" (140 mm) from the stop requires plate, 5110
• Plate requires 2" (51 mm) minimum from the stop
- Top rail clearance: • 6¹/₄" (159 mm) from the top of door



Top Jamb Mount

- Opening: • Templating allows up to 120°
- Hold-open: • Hold-open points 85° up to 120° with hold-open arm
- Frame face: • Less than 3¹/₂" (89 mm) requires drop plate, 5115
- Ceiling clearance: • Plate requires 4" (102 mm) minimum
- Top rail: • Requires 1³/₈" (35 mm) minimum
- Top rail clearance: • 1¹/₂" (38 mm) from the top of the door

Notes: Right Hand Door - RH
Left Hand Reverse - LHR

Left Hand Door - LH
Right Hand Reverse - RHR



Plastic Cover

5102

- High impact non-corrosive full cover
- Cover projects 2 1/4" (56 mm) from door face
- Secured by two machine screws



Main Arm Assembly

5103

- Non-handed
- Cast steel
- Mounts pull side, top jamb or parallel
- Includes 5909 standard for parallel arm mounting



Standard Screw Pack

5104

- Self-drilling wood screws
- Self-drilling machine screws
- Sex nuts and bolts



Extra Heavy Duty Stop Arm

5105

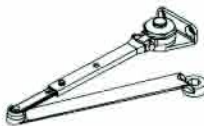
- Non-handed parallel arm
- Cast steel
- Stop in soffit shoe



Extra Heavy Duty Arm

5106

- Non-handed parallel arm
- Cast steel



Standard Hold-Open Arm

5107

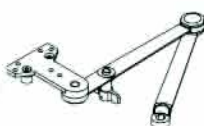
- Non-handed
- Cast steel
- Mounts pull side or top jamb with shallow reveal
- Includes shoe for parallel arm mount



Extra Heavy Duty Hold-Open

5108

- Handed parallel arm
- Cast steel
- Provides hold-open function
- Adjustable at the shoe



Extra Heavy Duty Hold-Open Stop Arm

5106

- Non-handed parallel arm
- Hold open function
- Forged steel
- Auxiliary stop in arm



Drop Plate - Regular Arm Mount

5109

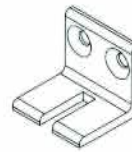
- Required for hinge side mount when top rail is less than 3 3/4"
- Plate requires 2" minimum top rail



Drop Plate - Parallel Arm Mount

5110

- Required for parallel arm mount when top rail is less than 5 1/2", measured from the stop
- Plate requires 2" minimum top rail



Extra Heavy Duty Parallel Arm Support

5111

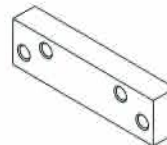
- For use with stop arms when reveal is less than 3 1/16"
- Provides anchor for fifth screw



Long Rod and Shoe

5112

- Non-handed
- Cast steel
- Use for top jamb application



Blade Stop Spacer

5113

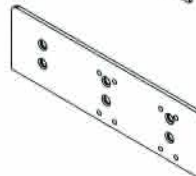
- Required to lower parallel arm shoe to clear 1/2" blade stop



Drop Plate - Low Clearance

5114

- For use when ceiling clearance prevents normal top jamb mounting
- For use when overhead door holder prevents normal top jamb mounting



Drop Plate - Top Jamb Mount

5115

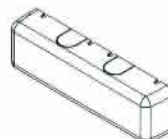
- Required for top jamb when frame face is less than 3 1/2" (89 mm)
- Plate requires 1 3/4" minimum frame face
- For use with plastic cover



Parallel Arm Bracket

5909

- Supplied standard
- Supplied standard with closer and optional 5107
- Can be used to convert regular or top jamb arm to parallel arm application



Metal Cover

5962

- Cast zinc
- Cover projects 2 1/4" (56 mm) from door face
- Secured by two machine screws