

5300 Series



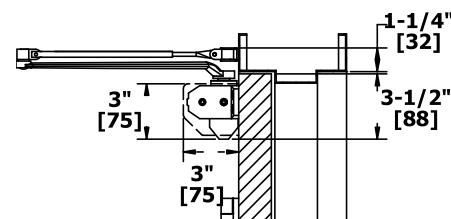
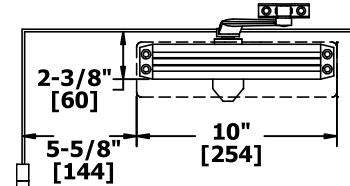
The 5300 Series Closers offer a compact design for a variety of applications. They are constructed of aluminum alloy to withstand the use and abuse you come to expect of Hager Companies Grade 1 products. The 5300 Series closers provide the flexibility needed to meet the many demands of both commercial and institutional applications, including the ADA barrier-free accessibility requirements. The sizing is adjustable from size 1 through size 6. These design features make this closer the ideal choice for doors with a maximum weight of 250 lbs.



5300 SERIES - APPLICATIONS

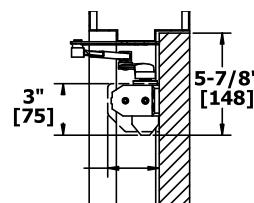
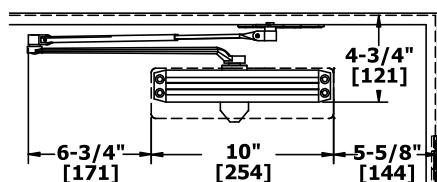
REGULAR ARM MOUNT (PULL SIDE)

| | |
|---------------------|--|
| Opening: | Templating allows up to 180° |
| Hold Open: | Hold open points 90° up to 180° with hold open arm |
| Frame Face: | 1-3/8" (35 mm) minimum |
| Ceiling Clearance: | <ul style="list-style-type: none"> • 1-5/8" (41 mm) minimum • 1-5/8" (41 mm) minimum for hold open arm |
| Top Rail: | 2-1/2" (64 mm) minimum with drop plate, 5915 |
| Top Rail Clearance: | 4-1/4" (108 mm) minimum from the top of the door |



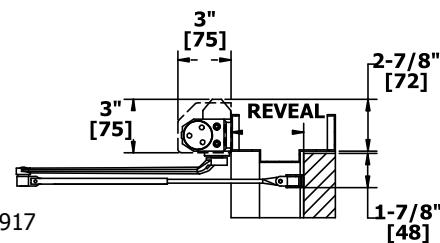
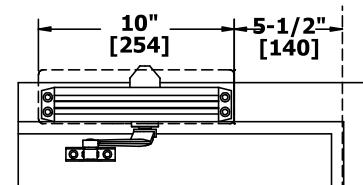
PARALLEL ARM MOUNT (PUSH SIDE)

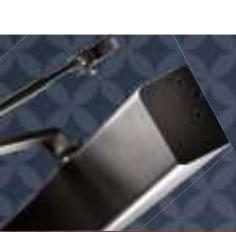
| | |
|---------------------|--|
| Opening: | Templating allows up to 180° |
| Hold Open: | Hold open points 90° up to 180° with hold open |
| Top Rail: | <ul style="list-style-type: none"> • Standard hollow metal 5/8" frame stop • 4-3/4" (121 mm) minimum • 4" (102 mm) minimum with hold open • 3-1/8" (79 mm) minimum with plate • 2-1/8" (54 mm) minimum with hold open and plate |
| Top Rail Clearance: | 5-3/4" (146 mm) minimum from the top of the door |



TOP JAMB MOUNT (PUSH SIDE)

| | |
|---------------------|--|
| Opening: | Templating allows up to 180° |
| Hold Open: | Hold open points 90° up to 180° with hold open |
| Frame Face: | 1-3/4" (45 mm) minimum |
| Ceiling Clearance: | <ul style="list-style-type: none"> • 2-3/4" (70 mm) minimum • 1-3/4" (44 mm) minimum with drop plate, 5918 |
| Top Rail: | 1-7/8" (48 mm) minimum |
| Top Rail Clearance: | <ul style="list-style-type: none"> • 2-1/8" (54 mm) minimum • 2-3/4" (70 mm) minimum with drop plate, 5917 • 2-1/4" (57 mm) minimum for hold open with drop plate, 5917 • 3-5/8" (92 mm) minimum with drop plate, 5915 |





5300 SERIES - GRADE 1 HEAVY DUTY SURFACE DOOR CLOSER

| | |
|-----------------------|--|
| WARRANTY | Lifetime warranty - 250 lbs. maximum door weight |
| FEATURES | <ul style="list-style-type: none">• Ideal for schools, hospitals, and other high-use environments• Standard package contains 5301 closer body, 5302 closer cover, 5902 pinion cap, 5303 main arm assembly, 5304 standard screw pack, 5900 parallel arm bracket, and 5902 SNB screw pack for 1-3/4" (44 mm) door |
| Certification: | <ul style="list-style-type: none">• BHMA Certified ANSI A156.4, adjustable sizes 1 to 6• ADA Compliant ANSI A117.1 Accessibility Code• UL/cUL Listed for up to 3 hours• UL10C Positive Pressure Rated• UL10B Neutral Pressure Rated |
| Covers: | Full plastic cover and pinion cap - Standard |
| Closer Body: | <ul style="list-style-type: none">• Aluminum alloy• The recommended temperature for prolonged use is between -40° F (-42° C) & 150° F (66° C) |
| Springs: | Double heat treated steel, tempered springs |
| Valves: | <ul style="list-style-type: none">• Adjustable latching and sweep speed valves• Adjustable backcheck valve - Standard• Delayed action valve - Optional• Staked valves - Standard |
| Handing: | Non-handed |
| Arms & Brackets: | <ul style="list-style-type: none">• Tri-Pack: Regular, Parallel Arm, and Top Jamb Mount - Standard• 15% power adjustment in standard arm for regular and top jamb mount |
| SPECIFICATIONS | |
| Door Thickness: | <ul style="list-style-type: none">• 1-3/4" (44 mm) - Standard• 1-3/8" - 2-1/4" (36 mm - 57 mm) thick door - Optional |
| Fasteners: | <ul style="list-style-type: none">• Self-reaming, self-tapping wood and machine screws• Sex nuts and bolts |
| Notes: | <ul style="list-style-type: none">• Full rack and pinion operation• Precision machined, heat treated steel piston• Triple heat treated steel spindle• Special templates available upon request by contacting Hager Companies Customer Service |
| FINISHES | <ul style="list-style-type: none">• ALM, BLK, BRZ, DBZ, GOL• Rust inhibiting primer - Standard |



5300 SERIES - ARMS



5303

Main Arm

- Non-handed
- Forged steel
- Mounts regular, top jamb, or parallel arm mount
- Add 5900 bracket for parallel arm mount



5906

Extra Heavy Duty Hold Open Stop Arm

- Non-handed parallel arm
- Forged steel
- Plunger hold open function
- Auxiliary stop in soffit shoe
- For use with 5200 and 5300 Series closers
- Not for use on fire-rated doors



5907

Extra Heavy Duty Stop Arm

- Non-handed parallel arm
- For use in abusive environments
- Auxiliary stop in soffit shoe
- For use with 5200 and 5300 Series closers



5910

Hold Open Arm

- Non-handed
- Forged steel
- Mounts pull side or top jamb with shallow reveal
- Friction hold open function
- Add 5914 Rev1 bracket for parallel arm mount



Track Arm

- Non-handed
- Extruded aluminum track
- Steel arm

Functions:

Non Hold Open Stop Arms

- 2-659-0141 - ALM
- 2-659-0328 - BLK
- 2-659-0140 - BRZ
- 2-659-0139 - DBZ
- 2-659-0138 - GOL



5911

Extra Heavy Duty Arm Assembly

- Non-handed parallel arm
- Forged steel
- For use with 5200 and 5300 Series closers



5912

Extra Heavy Duty Hold Open Arm Assembly

- Handed parallel arm (specify handing when ordering)
- Forged steel
- Provides friction hold open function
- Adjustable at the shoe
- For use with 5200 and 5300 Series closers
- Not for use on fire-rated doors



5956

Extra Heavy Duty Hold Open Cushion Stop Arm

- Non-handed parallel arm
- Forged steel
- Contains 5906 arm and 5950 spring cushion arm
- Plunger hold open
- For use with 5200 and 5300 Series closers
- Not for use on fire-rated doors



5957

Extra Heavy Duty Cushion Stop Arm

- Non-handed parallel arm
- Forged steel
- Contains 5907 arm and 5950 spring cushion
- For use with 5200 and 5300 Series closers

Hold Open Stop Arms

- 2-659-0350 - ALM
- 2-659-0329 - BLK
- 2-659-0351 - BRZ
- 2-659-0352 - DBZ
- 2-659-0353 - GOL

5300 SERIES - ACCESSORIES



5301

Closer Body Only

- Aluminum alloy
- Heat treated steel spindle and piston
- Full rack and pinion operation



5302

Full Plastic Cover

- Cover projects 2-3/16" (56 mm) from door face
- High impact non-corrosive full cover - Standard
- Secured by two machine screws
- Available in plastic only



5900

Parallel Arm Bracket

- Used to convert regular or top jamb arms to parallel arm application
- For use with 5300 and 5400 Series closer arms
- Includes screw pack



5901

Pinion Cap

- High-impact, non-corrosive
- Supplied standard in 5300 and 5400 Series closers
- Fits over the pinion and extends 1" (25 mm)



5908

Long Rod and Shoe

- Use for reveals greater than 4" (102 mm) and up to 8" (203 mm)
- Non-handed
- Cast steel
- Use for top jamb application
- For use with 5300 and 5400 Series closer arms



5913

Blade Stop Spacer

- Required to lower parallel arm shoe to clear 1/2" (13 mm) blade stop of aluminum frames
- For use with 5300 and 5400 Series closer arms
- Includes screw pack



5936

Extra Clearance Parallel Arm Bracket

- Allows for up to 2" (13 mm) of clearance to mount additional hardware such as overhead door stops and holders
- Provides needed clearance not achieved with a standard soffit plate
- Includes screw pack



5950

Spring Cushion

- Non-handed
- Mounts to soffit shoe of 5125, 5961, 5906 and 5907 arms
- For use with extra heavy duty hold open and stop arms for abusive applications



5914

Hold Open Parallel Arm Bracket

- Supplied with all standard hold open arms
- For use with 5200 and 5300 Series closers only
- Includes screw pack



5915

Drop Plate - Narrow Rail Overhead Holder

- For use when an overhead door holder prevents normal top jamb mounting
- For use when a narrow rail prevents the closer from being mounted directly to the door
- For use with parallel arm and no cover
- For use when low ceiling clearance prevents normal top jamb mounting
- Includes screw pack
- Plate requires 3" (76mm) minimum top rail



5916

Drop Plate - Narrow Rail Parallel Arm

- For use when a narrow rail prevents the closer from being mounted directly to the door
- For use with parallel arm and full plastic cover
- Includes screw pack
- Plate requires 3" (76mm) minimum top rail





5300 SERIES - ACCESSORIES



5917

Drop Plate - Top Jamb, Low Clearance

- For use with no cover
- For use when ceiling clearance is between 1-3/4" (44 mm) and 2-5/8" (67 mm)
- For use when an overhead door holder prevents normal top jamb mounting
- Includes screw pack

SCREW PACKS



5904

Screw Pack - Standard

- Self-drilling wood screws
- Self-drilling machine screws
- For 5300 Series closer only



5902

SNB Screw Pack - Standard

- Sex nuts and bolts for 1-3/4" (44 mm) doors
- Machine screws
- For use with 5200, 5300, 5400 Series closers only



5903

SNB Screw Pack - Optional

- Sex nuts and bolts for 1-3/8" (35 mm) doors
- Machine screws
- For use with 5200, 5300, 5400 Series closers only



5904

SNB Screw Pack - Optional

- Sex nuts and bolts for 2" (51 mm) doors
- Machine screws
- For use with 5200, 5300, 5400 Series closers only



5905

SNB Screw Pack - Optional

- Sex nuts and bolts for 2-1/4" (56 mm) doors
- Machine screws
- For use with 5200, 5300, 5400 Series closers only