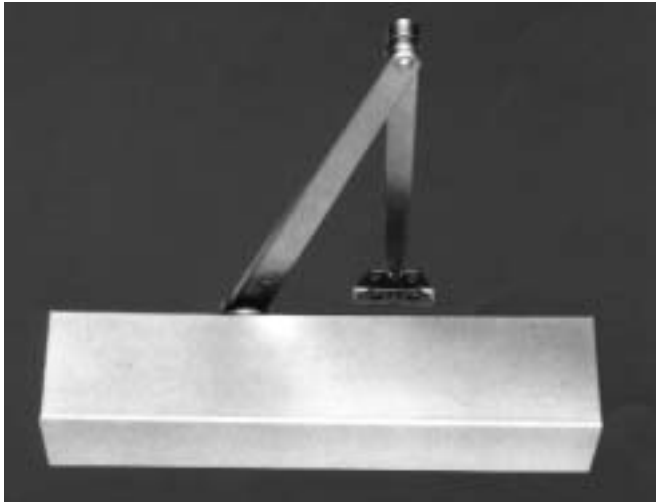


Surface Door Closers



Surface closers offer an economical means of control for medium sized doors. When mounting on exterior doors, always install on the inside of the building.

M2020 Series

- Closer body made of cast iron.
- 2-5/8" projection allows full door opening on 2" or more frame.
- Also available in sized models—sizes 2 through 6.
- Meets or exceeds ANSI A156.4 Series 2000.

M2220 Series

- Closer body made of aluminum.
- 2-1/4" projection allows full door opening on 2" or more frame.

Features

- Backcheck cushioning. Provides adjustable cushion at approximately 70 degrees of opening cycle.
- Full metal cover and steel arm accepts plated finishes. Cold rolled slim steel arm.
- Adjustable for sizes 2 through 6.
- Ten year warranty—proven Rixson quality.
- Arms for all Rixson surface closers are interchangeable.
- Closers come packed with all wood and all metal screws.
- Auxiliary wall, floor, or overhead stops recommended.
- Three independent valves controlling closing speed, latching speed and backcheck.
- U.L. Listed non-hold open models for fire door assemblies.
- Models available to meet Handicapped Access requirements. Suffix "PH". PH option is equipped with lower spring size to comply with 5-pound opening force requirements for interior doors. Exterior doors and labeled doors should not be ordered with the PH option.

Finishes

- SA — Sprayed Aluminum
- SLB — Sprayed Light Bronze
- Black — Sprayed Black
- Plated finishes also available.
- SB — Sprayed Dark Bronze
- SG — Sprayed Gold

Suggested Specifications

- M2020 Series—Surface closers shall be Rixson-Firemark Series M2020. All closer cases to be one-piece cast iron and have independent valves for latch, closing speed and backcheck. Closers shall have a full metal cover with maximum projection of 2-5/8". Closers shall be available with adjustable spring tension from 2 through 6, or 1 through 4 for PH Models.
- M2220 Series—Surface closers shall be Rixson-Firemark Series M2220. All closer cases to be one-piece aluminum and have independent valves for latch, closing speed and backcheck. Closers shall have a full metal cover with maximum projection of 2-1/4". Closers to be multi size.

Ordering Information

Prefix determines the type of installation & type of arm

Suffix determines type of option desired

| | | | |
|-----|--|-----|---|
| RA | Regular Arm Application | SNB | Sex Nuts and Bolts |
| PA | Parallel Arm Application | CWF | Cold weather fluid* |
| TJ | Top Jamb Application | PH | Physically handicapped (light spring size 1 thru 4) |
| TJL | TJ Application with long secondary arm for deep reveal | DA | Delayed Action |
| CS | Check Stop Arm Application (handed) | H | Hold Open |
| PR | Parallel Rigid Arm Application | T | Thumb turn HO (check-stop) |
| | | K | Hex key HO (check-stop) |

RA 2020 DA SA

Define Series

Finish

M2020 Cast iron body
M2220 Cast aluminum body

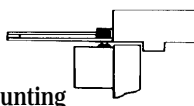
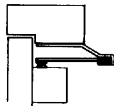
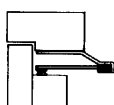
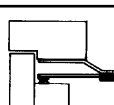
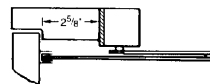
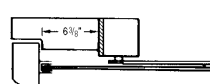
See finishes listed above

**CWF not available for DA Closers.*

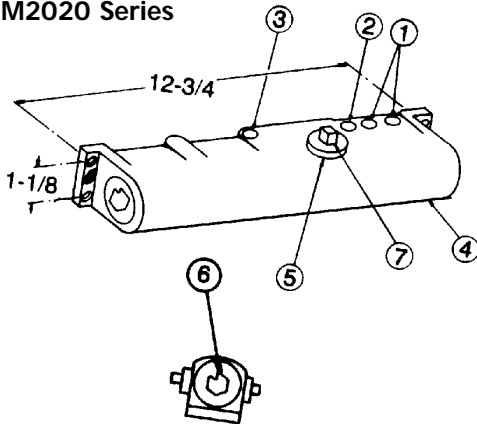
Standard M2020 and M2220 Closers include a regular arm and a PA bracket.

Surface Door Closers

Model Descriptions

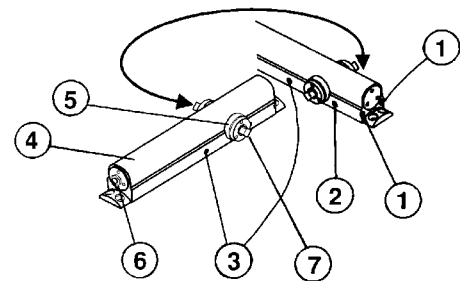
| M2020 Series Model No./ANSI No. | M2220 Series Model No. | Product Description | Mounting Profile | | | | | | |
|------------------------------------|---------------------------|--|---|-------------------|------------------|------|------------------|------|---|
| RA M2020 ANSI: C02011-PT4H | RA M2220 | Regular arm model for pull side of door. Recommended for inswinging doors or doors where closer can be mounted on pull side. 1/8" max reveal on pull side. |  Pull Side Mounting | | | | | | |
| PA M2020 ANSI: C02021-PT4H | PA M2220 | Parallel arm model for push side of door. Recommended for outswinging doors where closer can be mounted on push side. |  Push Side Mounting | | | | | | |
| PR M2020 ANSI: C02021-PT4H | PR M2220 | Parallel arm model for push side of door. Uses a rigid, one piece secondary arm. For Use where heavy traffic & heavy use are anticipated. |  Push Side Mounting | | | | | | |
| CS M2020 ANSI: C02021-PT4H,G | CS M2220 | Chek-Stop arm available for parallel arm installation. Arm has stop built into bracket. Aids in protecting closer in exterior or high traffic interior applications. Choose from Hold Open (HO) or Non Hold Open (NHO). Handed |  Push Side Mounting | | | | | | |
| TJ M2020 ANSI: C02041-PT4H | TJ M2220 | Top jamb model for push side. Recommended for aluminum doors and frames or installations when parallel arm drops closer too low on the door. For reveals of 0" to 2-5/8", 180° opening. | Maximum Reveal  Push Side Mounting Drop Plate Required | | | | | | |
| TJL M2020 ANSI: C02041-PT4H | TJL M2220 | Top jamb model for pushside, where reveal is greater than 2-5/8". Uses longer secondary arm. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Reveal</th> <th>Degree of Opening</th> </tr> </thead> <tbody> <tr> <td>2-5/8" to 6-3/8"</td> <td>130°</td> </tr> <tr> <td>2-5/8" to 3-3/4"</td> <td>180°</td> </tr> </tbody> </table> | Reveal | Degree of Opening | 2-5/8" to 6-3/8" | 130° | 2-5/8" to 3-3/4" | 180° | Maximum Reveal  Push Side mounting Drop Plate Required |
| Reveal | Degree of Opening | | | | | | | | |
| 2-5/8" to 6-3/8" | 130° | | | | | | | | |
| 2-5/8" to 3-3/4" | 180° | | | | | | | | |

M2020 Series



1. Latch & closing speed controls
2. Delayed Action
3. Backcheck adjustment
4. One-piece cast iron body
5. Needle bearings
6. Spring adjustment
7. Hardened spindle

M2220 Series



Parts and Accessories

M2020-LAP

Closer body only, less all other parts.
Specify model number, spring size (if sized) and options.



COV-1

Complete cover assembly, M2020.



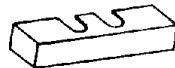
M2220-LAP

Closer body only, less all other parts.
Specify model number, and options.



COV-2

Complete cover assembly, M2220.



M2001-1

Regular arm assembly for pull side mounting.



M2001-3

Hold open arm. Friction type allows door to be held up to 140 degrees.



M2001-8

Parallel arm assembly for push side mounting.



Chek-Stop Arms

For exterior or heavy, high traffic interior doors. Arm dead stops. Must have back check, hold open optional.

CSM2001-5 — Non hold open.

CSM2001-T — Hold open with thumb turn control.



Parallel Rigid Arms

Parallel rigid arm for heavy, high traffic, or doors subject to abuse. Push side mounting.

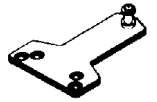
PRM2001-1 — Non hold open arm.

PRM2001-2 — Hold open arm.



18

Soffit plate for parallel arm installation.



18S

Offset soffit plate allows Checkmate holder to be mounted on push side of door.



28H

Parallel arm hold open foot. Allows hold open arm to be mounted on push side of door.



INS-2

Cover insert.



19S

Spacer block add additional support with parallel, rigid or check stop closer installations.



Drop and Back Plates

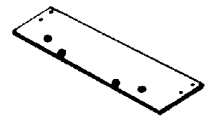
BP1 — Backplate. Used with all top jamb mountings — M2220 Series.

DP4 — Backplate. Used with parallel, rigid parallel or check stop mountings — M2220 Series.

DP1 — Drop plate. Used where narrow Top door rail (RA or PA installation) makes installation difficult.

DP2 — Drop plate. Used where narrow frame face or low ceiling clearance (TJ installation) makes installation difficult.

DP3 — Drop plate. Used where replacing the 2000/2020 series with the M2000/M2020 series.



Retrofit Plates

AP2 — Retrofit plate for non-hold open soffit shoe. Replacing 2000/2020 series with new M2000/M2020 series

AP3 — Retrofit plate used to adapt standard M2220 Closers (RA) to older installations.

