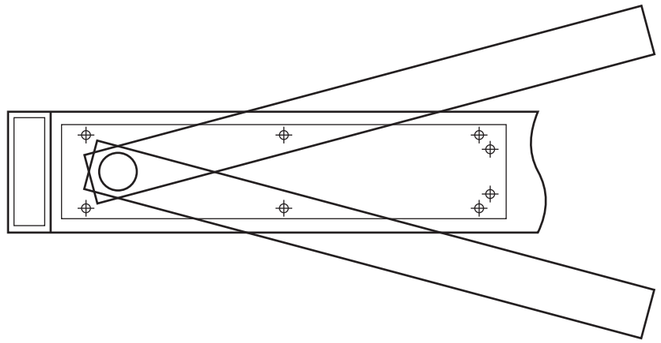
6. Centering the door. Open the adjustment valves.

800 Series

Center door in jamb by adjusting centering screws in top arm. Tighten arm screws securely.

700 Series

Adjust arm centering screws to provide pressure of door against stop on frame. Tighten main arm screws securely.

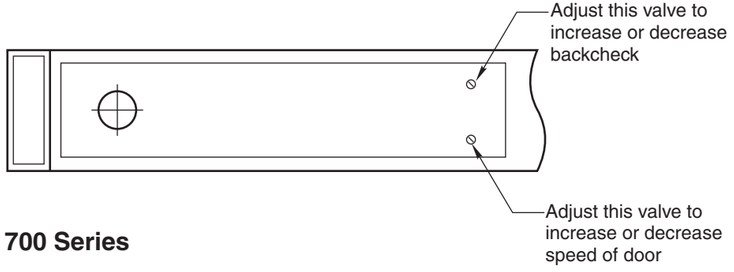


7. Adjust closing speed of door

800 Series

Each valve controls one swing only. To decrease speed turn clockwise. To increase speed turn counter clockwise

Adjust each valve screw per illustration



700 Series

To decrease speed turn valve clockwise. To increase speed turn valve counter clockwise

To increase backcheck, turn valve clockwise, to decrease backcheck turn valve counter clockwise

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.
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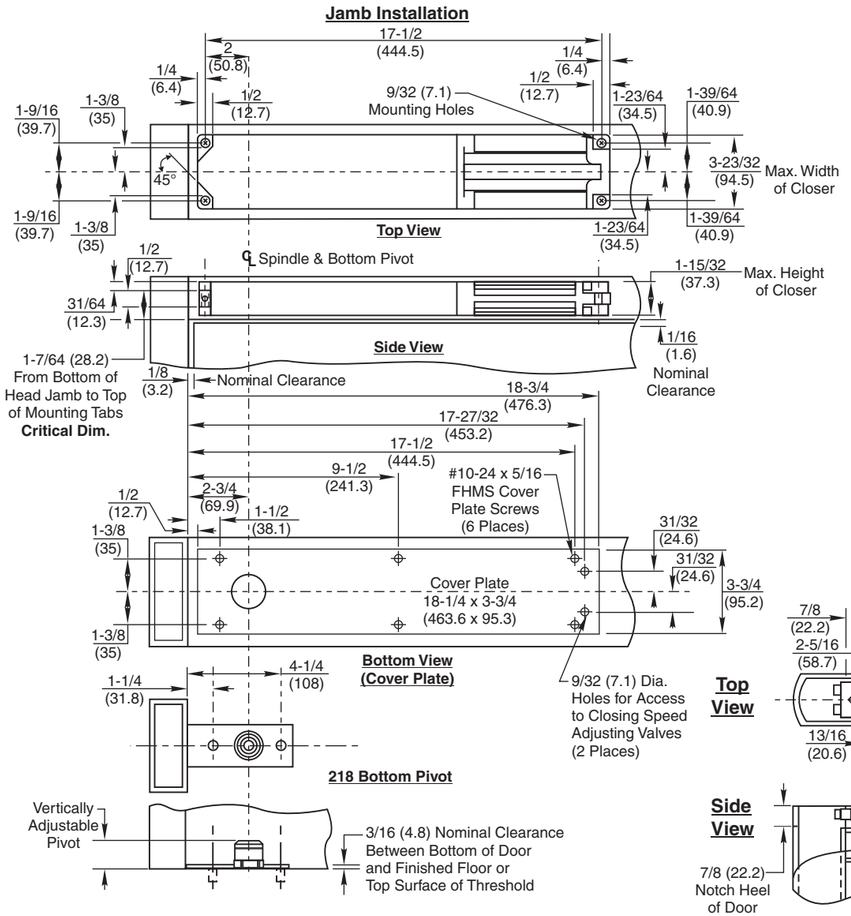
RIXSON®
ASSA ABLOY

M700 Series Overhead Concealed Closer (Metal Door and Frame)
M700 Series, Center Hung Single Acting, Handed

Installation Instructions

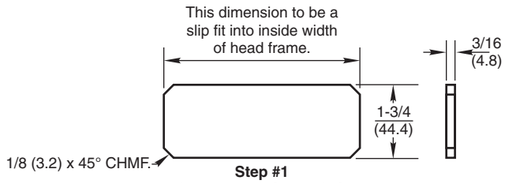
ISM700 (01-11)



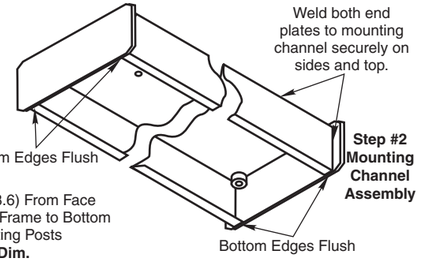
NOTES:

1. Do not scale drawing.
2. #192 Mounting Channel details on Page 2.
3. Single acting operation requires a door stop on the underside of frame.
4. Use this template for aluminum frames and doors having 7/8" (22.2) depth top rail.
5. If shim is required to maintain 7/8" (22.2) rail depth, shim should be full length of arm.
6. Door radius recommended is 2-5/8" (66.7).
7. All dimensions given in inches (mm).

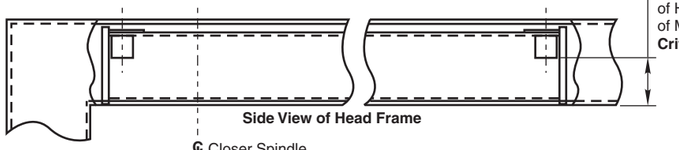
192 Hollow Metal Mounting Channel



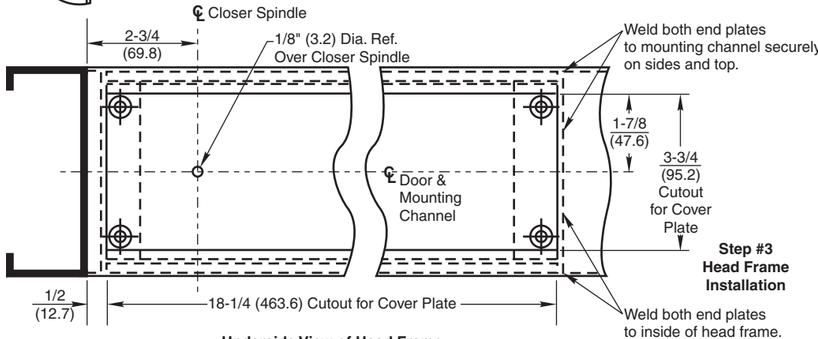
Step #1
Reinforcement End Plate
(2 Reqd. by Others)



Step #2
Mounting Channel Assembly



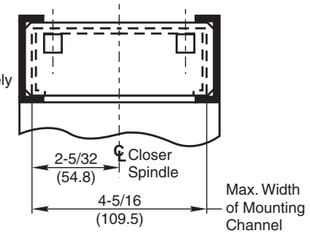
Side View of Head Frame



Underside View of Head Frame

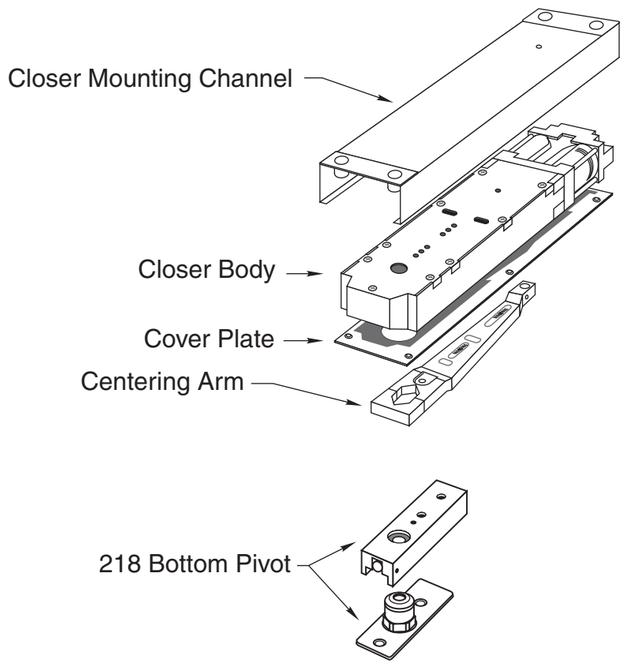
Step #3
Head Frame Installation

End View of Head Frame



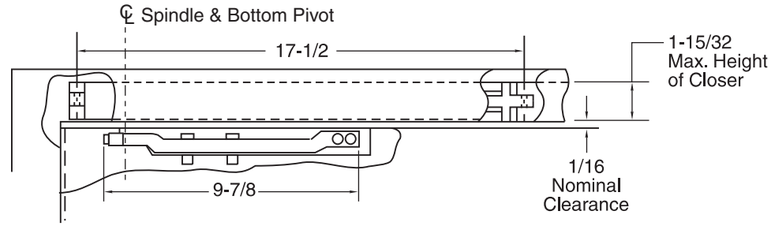
NOTES:
1. Do not scale drawing.
2. Right hand door shown.
3. Minimum width head frame 2" x 5-1/2" (50.8 x 139.7)16 ga. max.
4. All dimensions given in inches (mm).
5. Channel must be installed prior to jobsite installation of frame.

Included in package:

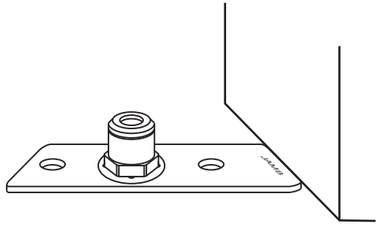


Installation Instructions

1. Install mounting channel in frame.

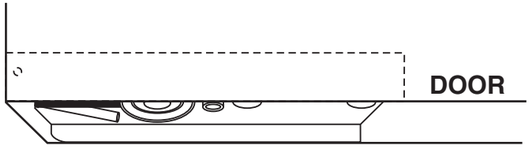


2. Install bottom pivot floor portion. (*see 218 instruction sheet*)



3. Install main arm using (2) ¼ x 20 x 7/8” hex head arm screws and flat washers. Do not tighten arm or centering screws.

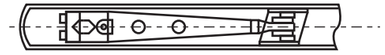
4. Install door portion of bottom pivot. (*see 218 instruction sheet*)



5. Install Door. Turn closing speed valves shut (clockwise).

   a. Using a suitable wrench, turn spindle of closer to 90° OR hold open position

   b. Slide the door over the 218 pivot, which is attached to the bottom of the door frame. Making sure the door is resting on the bottom pivot, tilt the door so that the opening in the top centering bracket fits into the main spindle a the top of the door.



   c. Install arm clamp making certain that spindle and arm fit properly. Fasten with two 5/16” socket head cap screws. IMPORTANT: Tighten arm locking screws securely while working door back and forth.