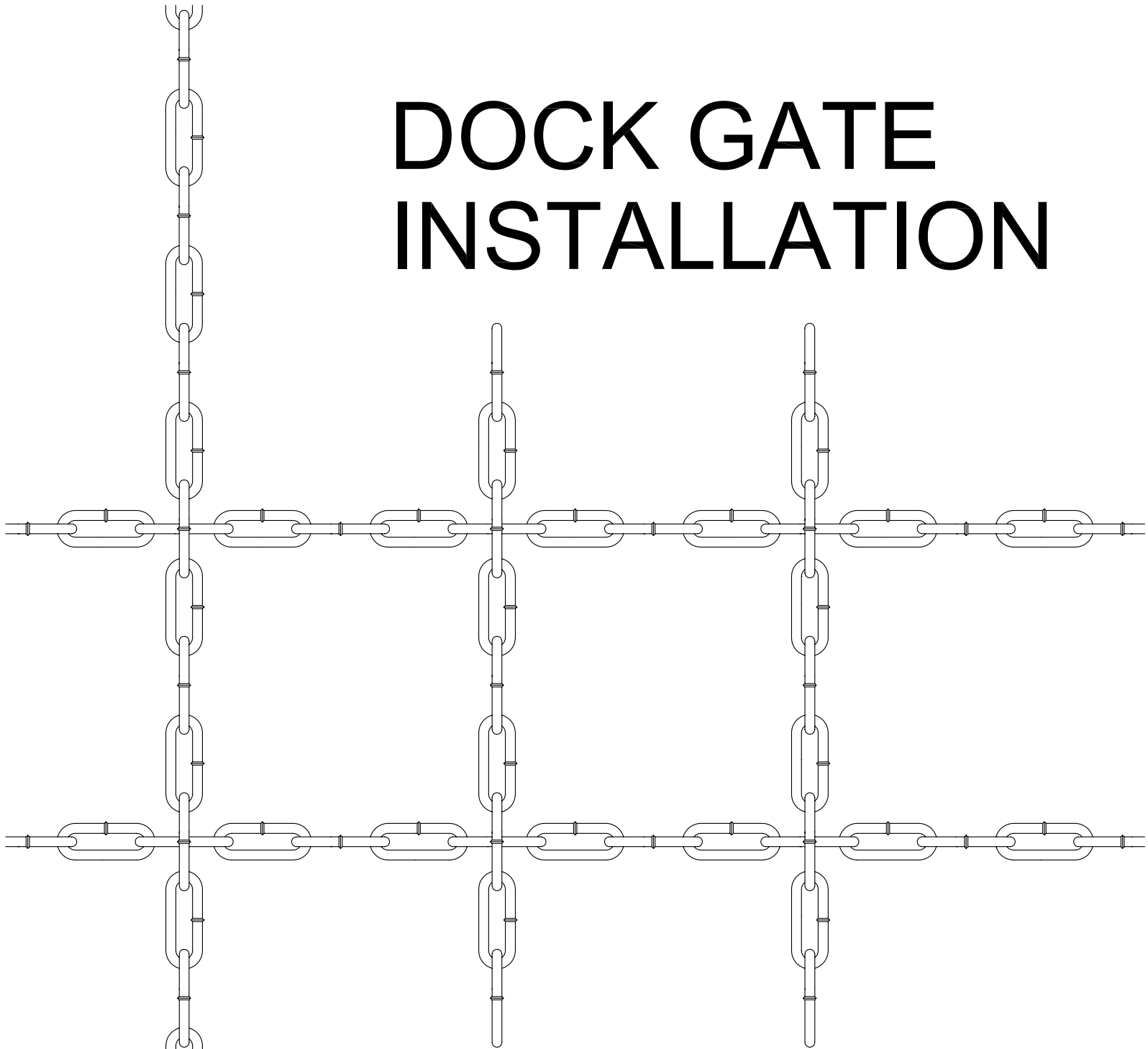


DOCK GATE INSTALLATION



R.O.M.

CORPORATION

Excellence made to order.

ISO 9001
CERTIFIED

FM-7.5-23
Revision C
Revised 9-20-02

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Phone: 800-827-3692 • 816-318-8000
FAX: 816-318-8100

NOTE: Before attempting the installation procedures, measure the existing opening dimensions and compare with those of the shop print. If there are any discrepancies, please call R•O•M at 1-800-827-3692.

Be certain you are mounting into material capable of supporting the weight of the dock gate. R•O•M does not supply additional jamb or lintel support material, nor any fasteners to mount castings, etc.

Use high strength anchors suitable for the industrial application when mounting the gate to masonry or brick. Do not use plastic anchors.

Common installation recommendations are as follows:

MASONRY, CONCRETE BLOCK, BRICK: All anchors shall be \varnothing 1/4 x 1" deep. A preassembled sleeve type anchor similar to Ramset "Dynabolt" is recommended.

HOLLOW CONCRETE BLOCK: (Jamb openings of new construction) Concrete block shall be grouted solid with cement.

(Jamb openings of existing construction) Anchorage shall be done with an epoxy screen system.

STEEL FRAMED WALL: Anchors shall be drilled and tapped into steel plates.

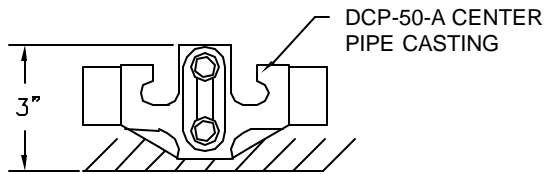


Fig. 1-1

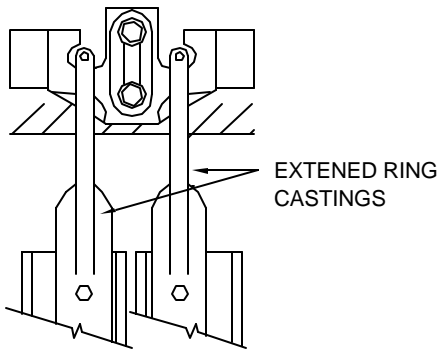


Fig. 1-2

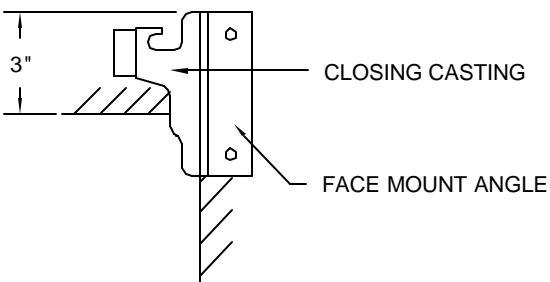


Fig. 1-3

BI-PARTING CLOSING CHANNEL INSTALLATION PROCEDURE

(CONTINUE TO NEXT PROCEDURE FOR SINGLE SLIDE GATES)

1. Mount the DCP-50-A center pipe casting under the lintel (center of opening). If the gate is to be face mounted, position the top of the DCP-50-A center pipe casting 3" above the bottom of the lintel (Fig. 1-1).
2. Fasten the PR-25L extended ring to the left hand closing channel. Fasten the PR-25 extended ring to the right hand closing channel. Inside looking out, hang both closing channels by positioning the extended ring castings onto the DCP-50-A center pipe casting (Fig. 1-2).
3. Attach the lock set to the closing channels. Refer to the shop print for lock set location.

SINGLE SLIDE CLOSING CHANNEL INSTALLATION PROCEDURE

1. Mount the RH-30-MX pipe casting under the lintel (closing side of opening). If the gate is to be face mounted, position the top of the RH-30-MX pipe casting 3" above the bottom of the lintel (Fig. 1-3).
2. Fasten the PR-25 extended ring to the closing channel. Inside looking out, hang the closing channel by positioning the extended ring casting onto the RH-30-MX pipe casting (Fig. 2-1).

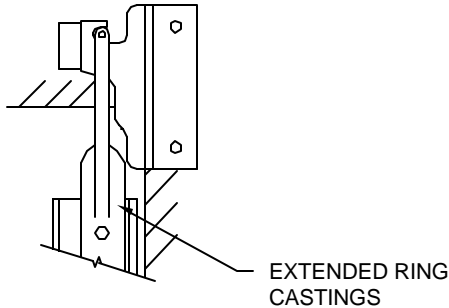


Fig. 2-1

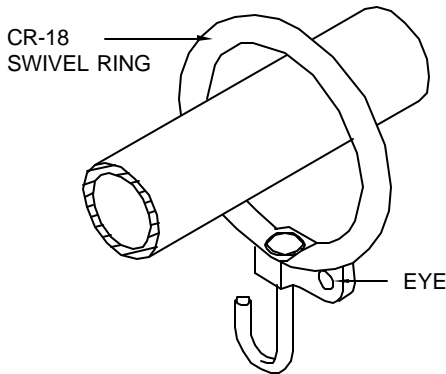


Fig. 2-2

PIPE AND STATIONARY CHANNEL INSTALLATION PROCEDURE

1. Attach the pipe to the closing casting and stationary casting. Raise the stationary casting until the pipe is level. Mark the hole locations for mounting the stationary casting. DO NOT ATTACH PERMANENTLY.
2. Place the CR-18 swivel rings and chain mesh onto the pipe with the eye of the swivel ring facing toward the inside of the opening. NOTE: The red tag must be at the top, on the closing side of the gate (Fig. 2-2).
3. Attach the pipe to the closing and stationary castings with the swivels inserted through the castings (Fig. 2-3). Secure the stationary casting to the jamb.
4. Position the stationary channel to the jamb. The bottom of the channel should be even with the bottom of the closing channel. Mark the hole locations on the jamb using the pre-drilled stationary channel as a guide. Lay the stationary channel down and drill the mounting holes. Fasten the stationary channel to the wall.

CHAIN MESH INSTALLATION PROCEDURE

1. Insert each S-33 Swivel through the holes of each channel. Attach the end links of the chain to the S-33 swivels. Using vice grips or pliers, crimp down the S-33 swivels to retain the chain. Repeat this step on all horizontal chain until procedure is complete.
2. Visually inspect the chain mesh. If it appears to be too loose, spread the links on the horizontal chain to tighten. If the gate is too tight, simply compress the horizontal links.

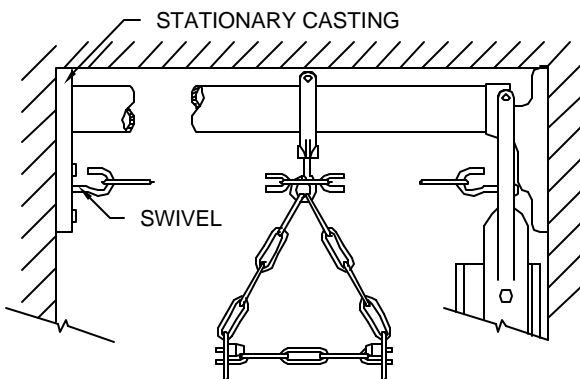


Fig. 2-3