

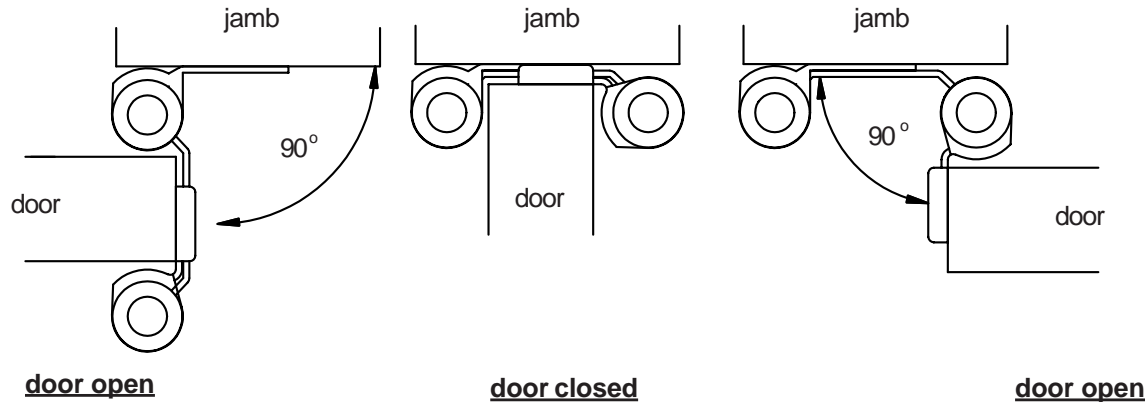


Double Acting Spring Hinges

3000 Series

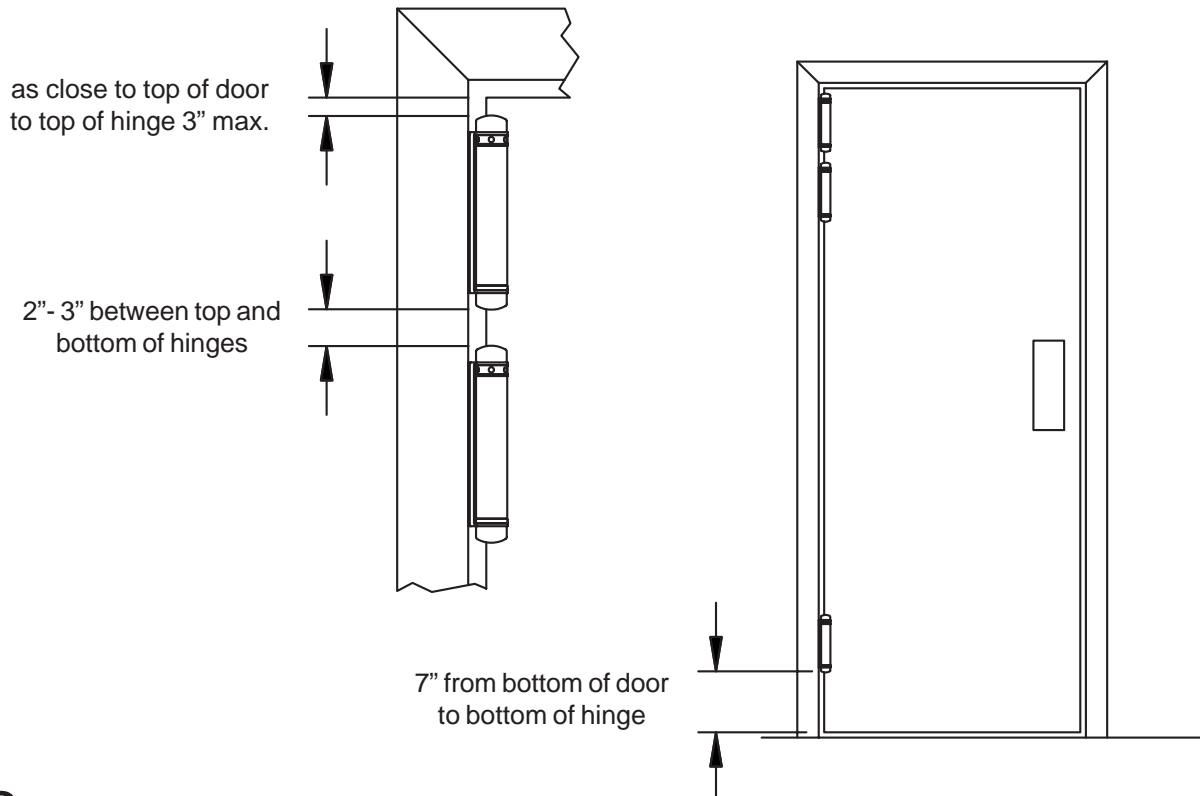
- Permits doors to open in either direction and automatically return to closed position.
- Provides maximum protection for doors subject to normal abuse of lift trucks, due to resiliency of spring support and shock absorbing reaction of flexible mounting.
- Available in size to accommodate a wide range of door sizes and weights.
- Adjustable spring tension permits power and speed adjustment of each size spring hinge.
- No hanging strip is required on frame.

Top View of Double Acting Spring Hinge Operation



Guide Lines for Double Acting Hinge Locations on Doors

It is advisable to use three hinges on a door. The center hinge should be installed as close as possible to the top hinge for maximum support.



SH-12

“Over 125 Years of Quality”

DOUBLE ACTING SPRING HINGE TYPE 3029

INSTALLATION INSTRUCTIONS

- 1) REMOVE SPRING TENSION FROM EACH BARREL BY INSERTING TENSION ROD INTO THE TENSION ADJUSTMENT HOLE, ROTATE IN DIRECTION OF THE ARROW, AS SHOWN IN FIGURE 2 OR FIGURE 3, AND REMOVE TENSION PIN.
- 2) LOCATE HINGES AS SHOWN IN FIGURE 1.
* 3029 - DOOR LEAF MAY BE MORTISED OR SURFACE APPLIED TO DOOR EDGE.
- 3) ALIGN CENTERLINE OF DOOR WITH CENTERLINE OF FRAME AND SECURE THE FRAME LEAF.

FOR BEST ALIGNMENT OF DOUBLE DOORS, MOUNT HINGES ON ONE DOOR WITH TENSION ADJUSTMENT UP, AND DOWN ON THE OPPOSITE DOOR AS SHOWN IN FIGURE 1. SHIMS MAY BE NECESSARY UNDER THE EDGES OF THE FRAME FLANGES FOR DOOR ALIGNMENT.

SPRING TENSIONING INSTRUCTIONS

DO NOT EXCEED FIVE (5) HOLES TENSION

- 1) PLACE DOOR IN CLOSED POSITION. WEDGE DOOR UP FROM FLOOR UNTIL IT IS PLUMB.
- 2) INSERT TENSION ROD INTO THE TENSION ADJUSTMENT HOLE, ROTATE IN DIRECTION OF ARROW, AS SHOWN IN FIGURE 2 OR FIGURE 3. (ONLY ONE HOLE OF TENSION IS RECOMMENDED FOR BOTTOM HINGES)
- 3) INSERT TENSION PIN, AND REMOVE THE TENSION ROD.
- 4) INCREASE TENSION ON THE TOP HINGES IF DOOR SAGS OR RETURN ACTION IS TOO SLOW.

NOTE

SOME HINGE SIZES WILL HAVE ARROW'S STAMPED ON BARREL SIDES.

INCREASE TENSION IN THE DIRECTION OF THE ARROWS STAMPED ON BARREL SIDES.

DETAIL A

LUBRICATION MAY BE APPLIED TO HINGES, IF NEEDED.

DO NOT USE ON DOORS WITH HINGE EDGE BEVELED.

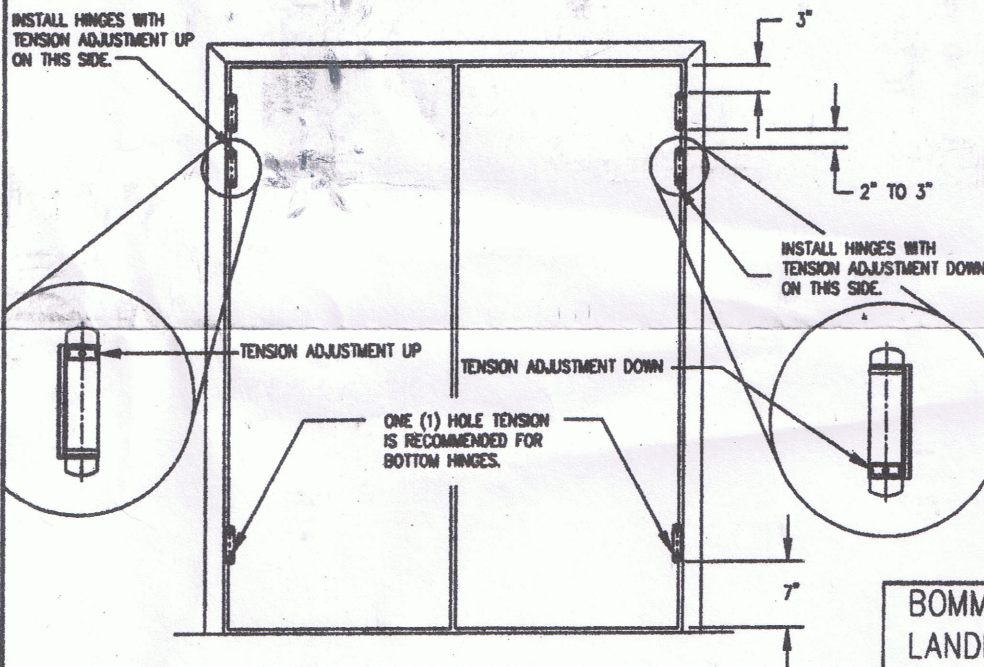
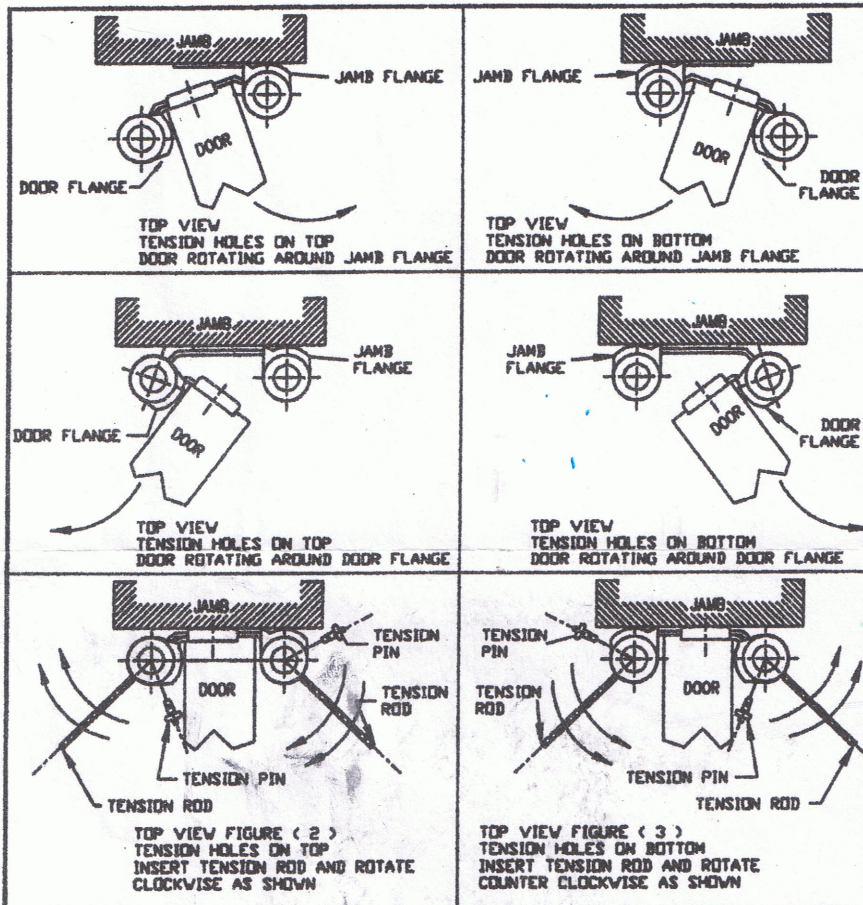


FIGURE (1)

THIS IS A CAD DRAWING...
DO NOT REVISE MANUALLY.

PURCHASE NO. 865573-1

BOMMER INDUSTRIES, INC.
LANDRUM, SC 29356
MADE IN THE USA
DOUBLE ACTING SPRING HINGE
INSTALLATION INSTRUCTIONS 3029

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DRAWING NUMBER

APPROVED BY :

3029-A

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