

FIXING INSTRUCTIONS

Preparations for fixing

- Prepare door leaf and frame as per dimensional drawing. (Upon request, DORMA will be pleased to provide installation suggestions for the DORMA ITS 96 GSR in relation to the most common door types.)

S = Inactive leaf **G** = Active leaf

The slide channels of this product are non-handed.

The following describes the fixing process for an inactive LH (ISO 6) door leaf. The procedure for an inactive RH leaf should be adapted accordingly.

- a** Fixing instructions for doors where the routing process for the connecting rod is performed from below.
- b** Fixing instructions for a tubular frame door or for doors where the routing process for the connecting rod is performed from above.
- 1a** Insert the cushioned limit stay into the inactive leaf slide channel and clip on end cap. Place the slide channel into the recess and fix.
- 2a** Insert the cushioned limit stay into the active leaf slide channel and clip on end cap. Place the slide channel into the recess. Move the slide shoe in order to gain access to the fixing holes. Fix the active leaf slide channel and move the slide shoe back into position.
- 3a** Measure dimension X. Reduce the length of the connecting rod to a value corresponding to dimension X less 95 mm.
- 4a** Place connecting rod in recess of inactive leaf slide channel - ensure the slide shoe is not pushed up against the rocker.
- 5a** Unwind the adjustment sleeve of the active leaf slide channel just far enough to hold the connecting rod.
- 1b** Insert the cushioned limit stay into the inactive leaf slide channel and clip on end cap. Place the slide channel in the recess and fix.
- 2b** Insert the cushioned limit stay into the active leaf slide channel and clip on end cap. Place the slide channel into the recess. Move the slide shoe in order to gain access to the centre fixing hole.
- 3b** Measure dimension X. Reduce the length of the connecting rod to a value corresponding to dimension X less 95 mm.
- 4b** Undo screw, move the slide shoe back and remove the active leaf slide channel.
- 5b** Place the connecting rod in the mounting of the inactive leaf slide channel – ensure the slide shoe is not pushed up against the rocker.

- 6b** Fit the active leaf slide channel with the adjustment sleeve onto the connecting rod and place the slide channel in the recess. Move the slide shoe in order to gain access to the fixing holes. Fix the active leaf slide channel. Unwind the adjustment sleeve of the active leaf slide channel just far enough to hold the connecting rod.

Note: Steps 7 – 13 and 16 are to be performed on both leaves.

- 7** Insert the closer in the door leaf and fix.
- 8** Close the 120° - 0° adjustment valve. Fit the closer arm.



Ensure that the square recess in the arm is positioned correctly as this is critical for the door closer function.

Turn closer arm approx. 30° in the direction indicated.

- 9** Remove arm, turn 90° and re-fit.
- 10** Fix arm to closer and slide shoe.
- 11** Adjust closing speed.
- 12** Adjust closing force.
- 13** Adjust latch action.
- 14** Close inactive leaf. Unwind the adjustment sleeve of the active leaf slide channel by hand until pin drops out. **Note:** The pin retains the closing mechanism in its neutral position without clamping and can be discarded once the system has been installed.



The clamping rod will only operate smoothly if the clamping plate has been properly adjusted. Only then will the active leaf swing freely with the inactive leaf closed.

Functional checks

Open both leaves and then hold the inactive leaf in its open position. The active leaf must then stay open at any angle. Allow the inactive leaf to close. The active leaf should close automatically, but only once the inactive leaf has reached its closed position.

- 15** Open active leaf and secure adjustment sleeve.
- 16** Adjust cushioned limit stay.



The cushioned limit stay is merely intended to prevent a normally opened door from banging against the adjoining wall. It is not an overload protection device.

- 17** Bend the cover for the active leaf slide channel bearing assembly at the end as indicated, and fix. Seal the cut-out for the connecting rod with a cover to be provided by others/manufactured on site.
- 17b** Fix the rod bearing assembly cover on the active leaf slide channel.