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TS3000 Guide Rail Overhead Door Closer

Installation Instructions

WARNING: DOOR CLOSERS WITH A POWER RATING LOWER THAN 3 OR WITH MECHANICAL HOLD OPEN DEVICES ARE NOT SUITABLE FOR USE WITH FIRE DOORS.

Components Checklist:

- | | |
|---------------------------|--|
| 1 x Closer body and cover | 2 x M5 x 55mm Countersunk screws |
| 1 x Guide Rail assembly | 4 x 5 x 40mm Self-tapping countersunk screws |
| | 2 x 5 x 45mm Self-tapping countersunk screws |
| | 4 x M5 x 55mm Countersunk screws |
| 2 x M6 Allen bolt | |
| 2 x Plastic end caps | |
| 1 x Plastic spindle cover | |

Tools Required For Installation:

- | | |
|-----------------------|---|
| Flat head screwdriver | 5mm Allen key (supplied) |
| Posidrive screwdriver | M5 Tap and Tap wrench (steel door mounting) |
| Power drill | |
| 4.2mm drill bit | |
| Template (supplied) | |
| Pencil | |
| 10mm Spanner | |

User Information for Door Closers

This information must be observed. Non compliance will absolve the manufacture from any liability. The door closer must only be used in accordance with its intended use; i.e. closing of side hung doors following manual opening.

Incorrect use may cause injury

- Obstruction of closing process (e.g. dragging doors, sticking weather strips/sealing rubbers, rough-running locks)
- Incorrect installation and adjustment (e.g. slamming doors)
- Danger of finger trap between frame and door leaf.
- Wrong size door closer.
- Closer used for other purpose than to close side hung doors.

Maintenance:

NOTE:

- Maintenance to be carried out by a specialist only.
- Check assembly for tolerance and undue wear.
- Tighten any screws that may have become loose.

At least once a year:

- Grease moveable parts.
- Check operation of doors and adjust if necessary.
- For door closers subject to release by Electro Mechanical and Electro Hydraulic means ensure that local regulation are adhered to.

Installation and adjustment by specialist only

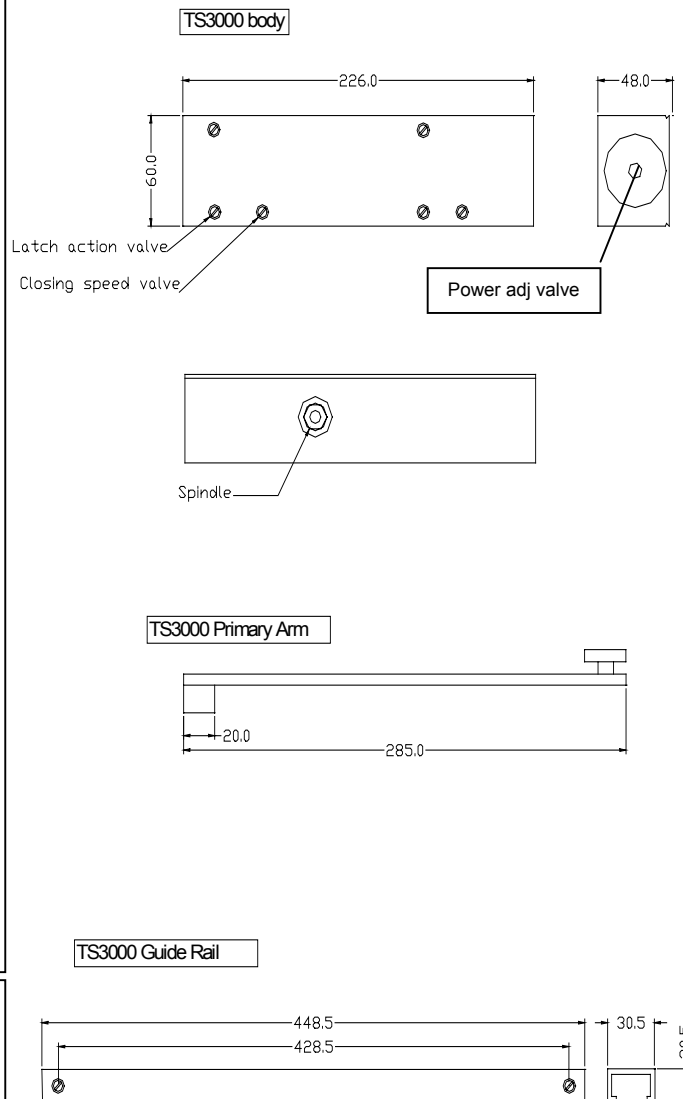
Where necessary, an additional doorstop or buffer must be fitted to limit the maximum opening of the door. This is of particular relevance for slide rail closers where the opening angle may be limited by frame. For further explanations see catalogue preface and product information.

Door handing - DIN left / right

Stand facing the door on the hinge / pull side. If the hinge or pivot is to your right hand side the door is considered to be DIN right. If the hinge or pivot is to your left hand side the door is considered to be DIN left.

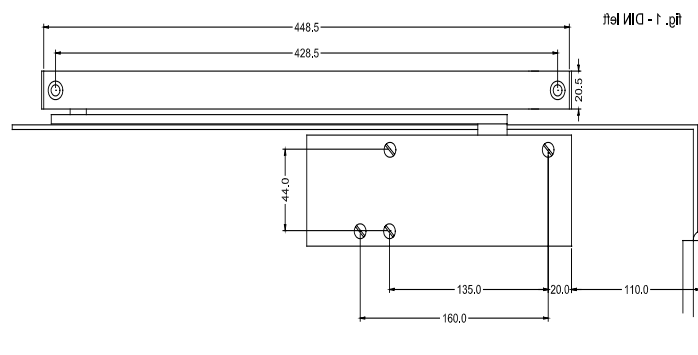
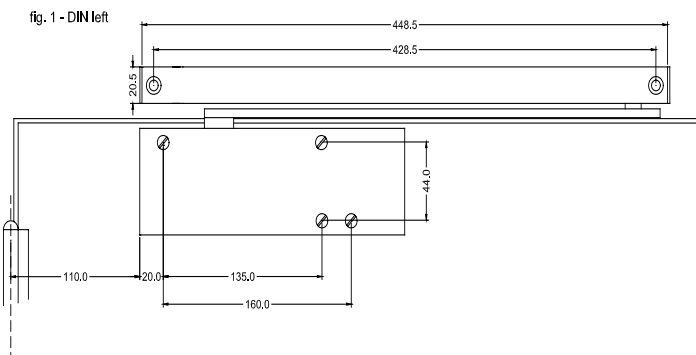
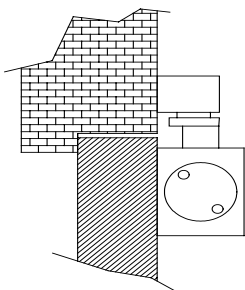
IMPORTANT WARNING:

HIGH INTERNAL PRESSURES, UNDER NO CIRCUMSTANCES ATTEMPT TO DISMANTLE THE CLOSER.



Fixing in figure 1

2



➤ With the aid of the template mark out the fixing positions. Align the hinge point of the template with the centre line of the hinge on the door. (This applies to both left and right-hand doors.) There are two holes to be drilled/tapped on the transom for the guide rail and four holes to be drilled/tapped on the door leaf for the closer body. If the template is not used refer to fixing dimensions (see figure 1 and 2 above.)

➤ Secure closer body with screws provided, making sure that the spindle is positioned towards the hinge side. (See figure 1 and 2 above.) Attach primary arm to the body at approx. 10° off the face of the door (see figure 3). Slide the guide rail over the block on the end of the arm and push the rail and the arm against the frame and secure with the screws provided (see figure 4).

➤ The latch action for the TS3000 can be adjusted using the adjustment valve located on the front bottom left hand corner of the body. Clockwise will decrease the latch action and anticlockwise will increase the latch action. **Do not overtighten.**

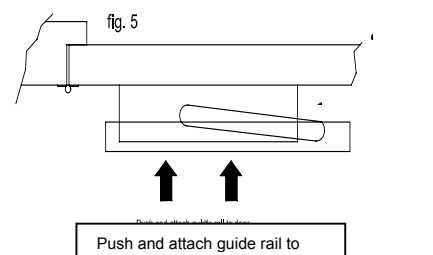
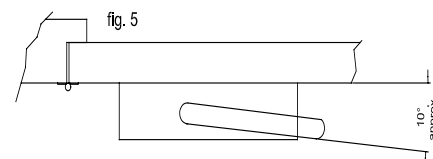
➤ The power size (closing force) of the TS3000 is adjusted using the valve located at the end of the closer furthest from the hinge by using an Allen key and rotating it clockwise to decrease power and anticlockwise to increase the power. **Do not overtighten**

➤ Size 1: lower stop (factory setting) – Size 4: upper stop (8 revolutions)

The correct size adjustment must always be selected, taking into account the door size (width and weight and site conditions (wind influence).

➤ Test installation by simulating persons using the entrance. The door should close smoothly without slamming and present no potential hazard to traffic.

➤ When commissioning is complete push on the black plastic spindle cover cap and clip on front cover.



The closing speed of the TS3000 is adjusted using the valve located next to the latching adjustment valve on the front bottom left hand corner of the body. Clockwise will decrease the closing speed and anticlockwise will increase the closing speed.

Do not overtighten

Fixing in figure 61

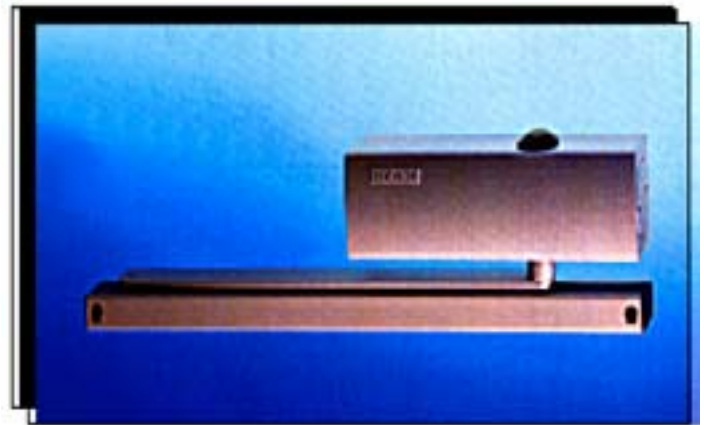
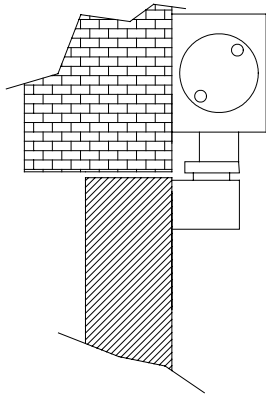


fig. 1 - DIN left

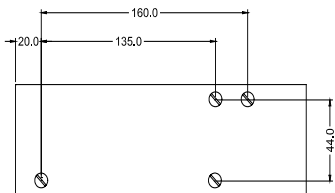
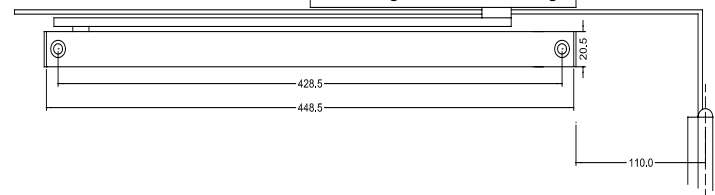
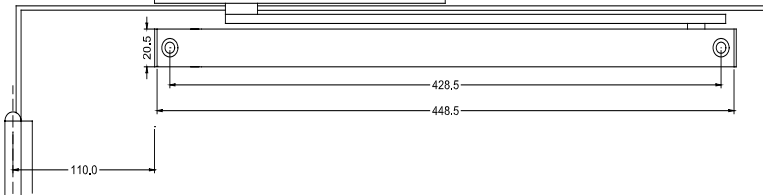
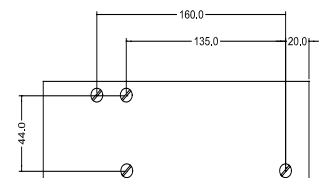
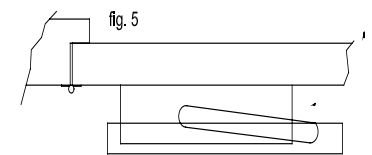
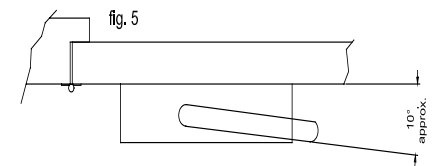


fig. 2 - DIN right



- With the aid of the template mark out the fixing positions. Align the hinge point of the template with the centre line of the hinge on the door. (This applies to both left and right-hand doors.) There are two holes to be drilled/tapped on the door leaf for the guide rail and four holes to be drilled/tapped on the transom for the closer body. If the template is not used refer to fixing dimensions (see figure 1 and 2 above.)
 - Secure closer body with screws provided, making sure that the spindle is positioned towards the hinge side. (See figure 1 and 2 above.) Attach primary arm to the body at approx. 10° off the face of the door (see figure 3). Slide the guide rail over the block on the end of the arm and push the rail and the arm against the frame and secure with the screws provided (see figure 4).
 - The latch action for the TS3000 can be adjusted using the adjustment valve located on the front bottom left hand corner of the body. Clockwise will decrease the latch action and anticlockwise will increase the latch action. **Do not overtighten.**
 - The power size (closing force) of the TS3000 is adjusted by using an Allen key and rotating it clockwise to decrease power and anticlockwise to increase the power. **Do not overtighten**
 - Size 1: Lower stop (factory setting) – Size 4: Upper stop (8 revolutions)
- The correct size unit must always be selected, taking into account the door size (width and weight and site conditions (wind influence).
- Test installation by simulating persons using the entrance. The door should close smoothly without slamming and present no potential hazard to traffic.
 - When commissioning is complete push on the black plastic spindle cover cap and clip on front cover.



↑ ↑
Push and attach guide rail to door

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Do not overtighten