Hipac Double Swing Continuous Geared Hinge Installation Guide

DOUBLE SWING CONTINUOUS GEARED HINGE
Installation Guide

Contents

Fixing Pack Includes:

- 1nr T20 Bit
- 34nr Security Timber Screws
- 34nr Security Metal Screws

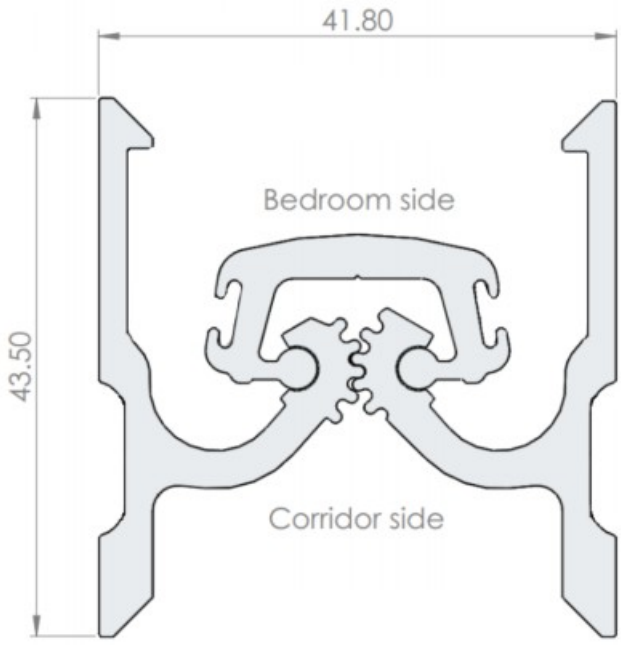
Tools Required

- Electric drill/driver
- 3.5mm Drill Bit

- Plumb line or level

Hipac can take no responsibility for incorrect operation of Hinges that are not fitted as per directed in these instructions.
Before the fitment of any hinge, the frame needs to be checked to ensure it is square and true using a plumb line or level. If the frame is not square, the hinge may be stiff in operation or squeak.
When screwing patient side, open the door into the corridor for maximum screw head clearance.
When used in an Anti-Ligature application, the top of the hinge should be within 0.5mm of the frame head.

1. Cut the hinge to length, using the height of the frame as guidance, but allowing a 3mm gap from the bottom of the hinge and the floor.
2. Position hinge on the door with the geared side toward the corridor. The top of the hinge should be no more than 0.5mm away from the frame to reduce the ligature risk if the product is to be used in an anti-ligature situation.
3. Using a 3.5mm drill bit, drill the first 4 pilot holes at the top and 4 at the bottom. We recommend the use of extra-long drill bits to avoid damaging the hinge with the drill chuck.
4. Fit the 8 screws into the holes which have been drilled.
5. When happy with the alignment of the hinge on the door, continue to drill remaining pilot holes and then fit the remaining screws. All screws should be flush with the countersunk holes.
6. When the hinge is on the door and operating freely, butt the hinge flat against the frame and drill 4 pilot holes into the top and bottom of the frame ensuring the hinge is within 0.5mm of the top of the frame.
7. Fit the 4 screws through the hinge into the frame.
8. If the hinge is still within 0.5mm of the frame and operating freely, then drill the remaining pilot holes and fit the remaining screws into the frame.
9. Check the operation of the hinge. The hinge should operate smoothly, quietly and swing through the full 180°. If not see trouble shooting on the next page.



Trouble Shooting

1. Noisy operation

• The frame may not be straight. Check the frame and amend.

2. Not achieving the full 180 0 of travel

   • Debris/paint/filler in the geared section. Clean the visible geared section with the hinge opened fully towards the patient side.

   • Screws on corridor side not seated fully. Remove proud screws, re-drill the pilot hole and re-seat the screws.

3. Resistance at the fully open and/or closed positions

   • The frame may not be straight. Check the frame and amend.

   • Screws on corridor side not seated fully. Remove proud screws, re-drill the pilot hole and re-seat the screws.

This hinge is limited to swinging 90° in each direction, it is recommended that a doorstop be installed to restrict the door at or before 90° to prevent damage to the door leaf, frame, or hinge.

ABOUT HIPAC

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