

LAMP®**HES**
Hinge Expert

INSTALLATION MANUAL

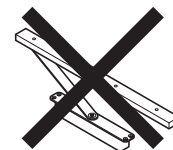
FOR HES3D-120 CONCEALED HINGE

(3-DIMENSIONAL ADJUSTABLE HINGE)

Read all instructions carefully for proper use.

⚠ WARNINGS

- For indoor use only. Not suitable for areas where it can be in direct contact with water.
- Use in conjunction with a door closer is not recommended. For soft-close option, we recommend Sugatsune LDD-V or LDD-S door damper.
- Regarding usage with other types of concealed door closers we recommend using the hinge HES3D-160 instead.



COMPONENT PARTS

- CONCEALED HINGE 2 pcs
- Screw Cover 2 pcs.ea. (Door side, Frame side)
- Flat Head Screw (5× 20) 4 pcs× 2
- Hex Key (Key size 3) 1 pc
- Template 1 pc
- INSTALLATION MANUAL

HINGE PARTS

ITEM NO. / FINISH

| ITEM NO. | FINISH |
|-------------|-------------|
| HES3D-120DC | Dull Chrome |
| HES3D-120DN | Dull Nickel |
| HES3D-120BL | Black |

DOOR SPECIFICATIONS

Recommended door dimensions :

| | |
|------------------------|------------------------------|
| Maximum Door Weight | 30kg (66lbs) per 2 hinges |
| | 40kg (88lbs) per 3 hinges |
| Minimum Door Thickness | 29mm (1-9/64) |
| Maximum Door Height | 2400mm (94) |
| Maximum Door Width | 900mm (36) |

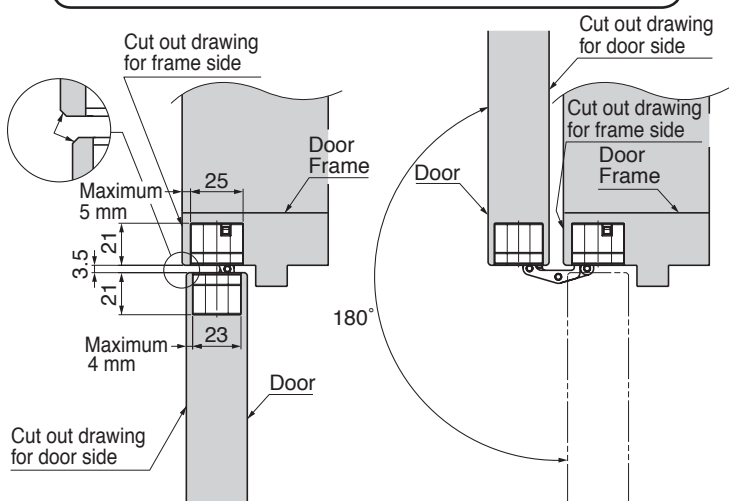
ADJUSTMENTS

| | |
|-------------------------|---------|
| Vertical adjustment | ± 2.5mm |
| Horizontal adjustment | ± 2mm |
| Front / back adjustment | ± 1mm |

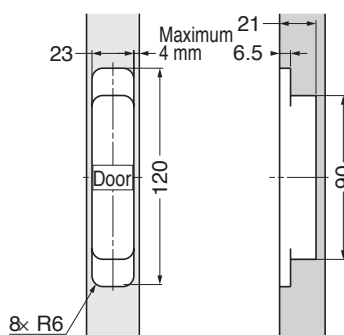
CUT OUT DRAWING

⚠ Caution

Round edges of door and frame by applying cuts with "C1 and over" or "R1 and over." (Reference to "※" in the drawing.)



Cut out drawing for door side



Cut out drawing for frame side

