

NOTE:

- 1.For indoor use only,not suitable for areas where it can be direct contact with water.
- 2.Please check with manufacturer in advanced if use with a door closer in order to make sure correct use.
- 3.The door is possible could not close if the door is deformed.
- 4.Need to check the screw at regular time to make sure it is fixed.

COMPONENT PARTS

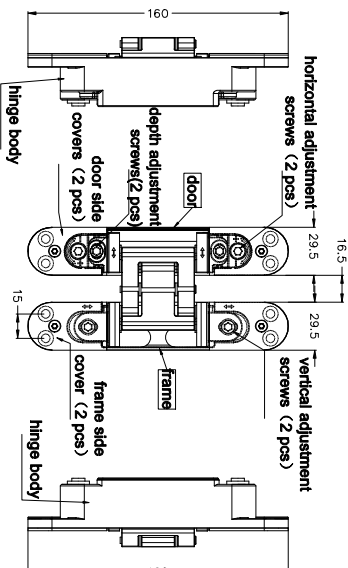
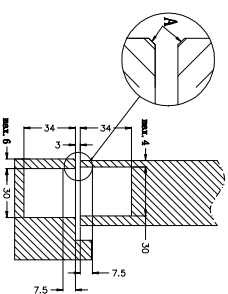
- *Concealed Hinge 2 pcs
- *Cover 8 pcs
- *Screw (5x30) 16 pcs
- *Allen Key S2.5/S3/S4 per pc
- *Installation Manual 1 pc

ADJUSTMENT

Vertical	±3mm
Horizontal	±1.5mm
Depth	±1.5mm

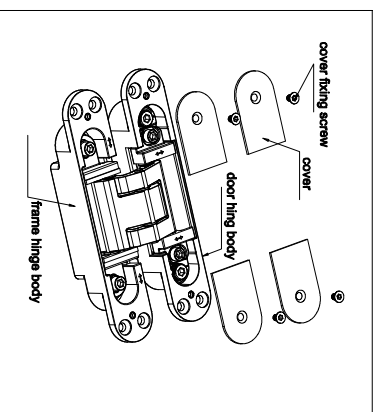
CUT OUT DRAWING

NOTE: The edge of door and frame need to be applied with C1 or R1 processing.(refer to "A" in the drawing)

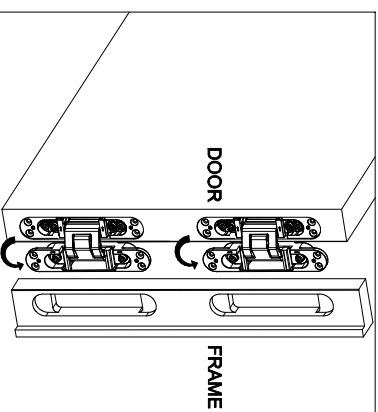


HINGE PARTS

a.HINGE DETAIL

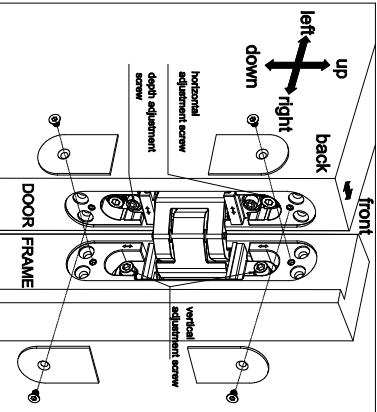


b.INSTALLATION



c.ADJUSTMENT

(direction shows when door is in closing situation)



INSTALLATION STEP:

- 1.Refer to figure a,remove the cover from hinge.
- 2.Install both upper and lower door hinge body parts into cutout position with screws.
- 3.Refer to figure b,temporarily hang the door by inserting both upper and lower frame hinge bodies into the cut out position at the same time.
- 4.Make sure all screws are fixed after installation.

NOTE:

- 1.Make sure the hinge body is installed in correct position on door and frame.
- 2.Do not open/close with excessive force or door may fall down.

ADJUSTMENT STEP:

Refer to figure c:

- 1.Vertical adjustment
Loosen vertical adjustment screw one turn with allen key to adjust.Then tighten screws once the door in proper height.
- 2.Depth adjustment
Loosen depth adjustment screw one turn with allen key to adjust.Then tighten screws once the door in proper position.

NOTE:

- 1.Recommended fastening force for vertical and depth adjustment is 3N.m(30.6kgf.cm)
- 2.To prevent door falling,do not remove vertical adjustment screws

3.Horizontal adjustment

Turn the horizontal adjustment screw in clockwise direction to widen the gap between door and frame.To narrow the gap,turn the screw in counter clockwise direction.

NOTE:

- 1.Gently turn horizontal adjustment screws for upper and lower hinge at the same time,do not force turning of screws.
- 2.Do not loosen the horizontal adjustment screws (maximum 3mm) in clockwise direction,as door may fall.

- 4.Finally,install four covers.

Selection Chart

KCH120135	DW (mm)						Max. Door Weight (kg)
	900	950	1000	1050	1100	1150	1200
2100	2	3	3	3	3	3	3
2200	3	4	4	4	4	4	4
2400	3	4	4	4	4	4	4
2600	4	4	4	4	4	4	4
2800	4	4	4	4	4	4	4
3000	4	4	4	4	4	4	4

120

Number of hinges

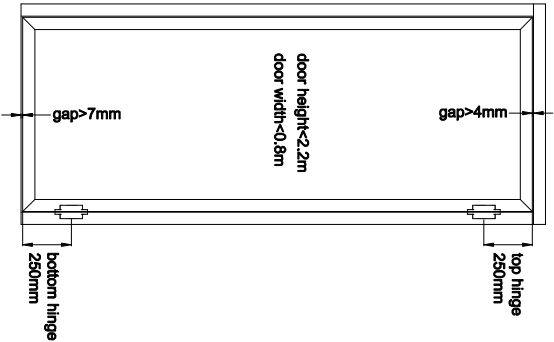
KCH120135	DW (mm)						Max. Door Weight (kg)
	900	950	1000	1050	1100	1150	1200
2100	3	4	4	4	4	4	4
2200	3	4	4	4	4	4	4
2400	3	4	4	4	4	4	4
2600	4	4	4	4	4	4	4
2800	4	4	4	4	4	4	4
3000	4	4	4	4	4	4	4

135

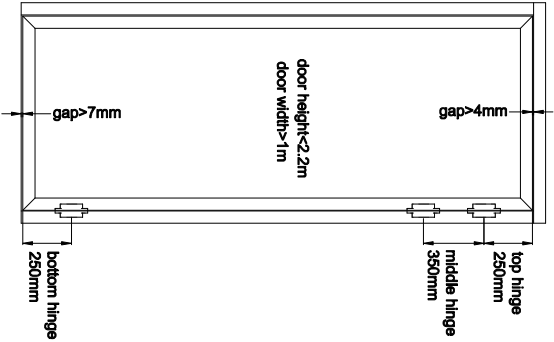
Number of hinges

Installation Position

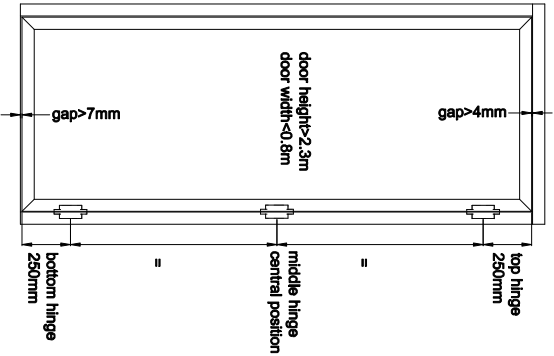
Normal Door



Over-width Door



Over-height Door



Over-height & width Door

