TORQUE HINGES

DAMPER

HINGES

ASSIST

HINGES

DETENT

HINGES

BUTT HINGES PIANO

HINGES

STEP HINGES

LIFT-OFF

HINGES

PIVOT HINGES

SPRING

HINGES

CLEAN ROOM HINGES

HINGES FOR

ALUMINIUM FRAME

DROP

HINGES

GLASS DOOR HINGES

HINGES

LIFT

3-WAY ADJUSTABLE CONCEALED HINGE HES3D-E160











Passed 300K open/close private cycle test

- Shallow drilling depth enables easy drilling of the door and jamb.
- 3D Adjustment Post Installation: Adjust vertically, horizontally, and in depth.
- For simplified door hanging, the hinge divides into two parts: one for the door-side and one for the jamb-side.
- The structure is designed to prevent the door from sagging.
- Screw covers can be purchased separately in the event that the original covers are broken or lost. Contact us for details.

[Remarks]

- Read all remarks on handling thoroughly before use.
- Please use the Selection Tool for HES Concealed Hinges to select a hinge. Verify all conditions before installation.

[Parts Included]

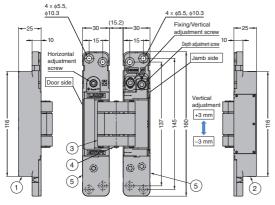
- Size 5 x 25 cross-recessed flat head tapping screws (stainless steel) (8 screws per hinge)
- Nominal size 4 hex bar spanner

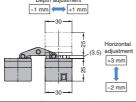




Hinge Selection

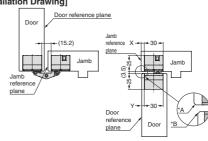
This figure shows this product with the upper screw cover removed.





No.	Part Name	Material	Finish/Colour				
	Part Name	wateriai	DC	DN	BL		
1	Body	Zinc Alloy			Baked Enamel		
2	Base Frame	(ZDC)	Satin Chrome	Satin Nickel	Finish/		
3	Arm	Aluminium Alloy			Black		
4	Shaft	Shaft Stainless Steel		Plain	Plain		
(5)	Screw Covers	ABS	Silver	Champagne Gold	Black		

[Installation Drawing]

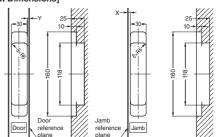


*The door and jamb need to be chamfered based on the machining margin.

Y: Door machining margin	B: Door chamfering	X: Jamb machining margin	A: Jamb chamfering			
4 and under	1	5 and under	1			
4 and under	2	6	2			
4 and under	2	7	3			
5	3	5 and under	3			
5	3	6	4			

(Reference values)

[Cut Out Dimensions]



RoHS	CAD	Item Code	Item Name	Colour	Door Specs		Load Capacity				Opening
					Width	Thickness	N/2pcs	kgf/2pcs	N/3pcs	kgf/3pcs	Angle
G"	3D	170-041-454	HES3D-E160DC	Silver							
G"	3D	170-041-455	HES3D-E160DN	Champagne Gold	Max. 900	Min. 36	539	55	686	70	180°
G"	3D	170-041-456	HES3D-E160BL	Black							

For door height and width, please refer to the Reference Table (from the following pages) or Selection Tool.

