

3-WAY ADJUSTABLE CONCEALED HINGE HES3D-E190



Passed 300K open/close
private cycle test



TORQUE
HINGES

DAMPER
HINGES

LIFT
ASSIST
HINGES

DETENT
HINGES

CONCEALED
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

SPECIAL
HINGES

Selection Tool



Hinge Selection

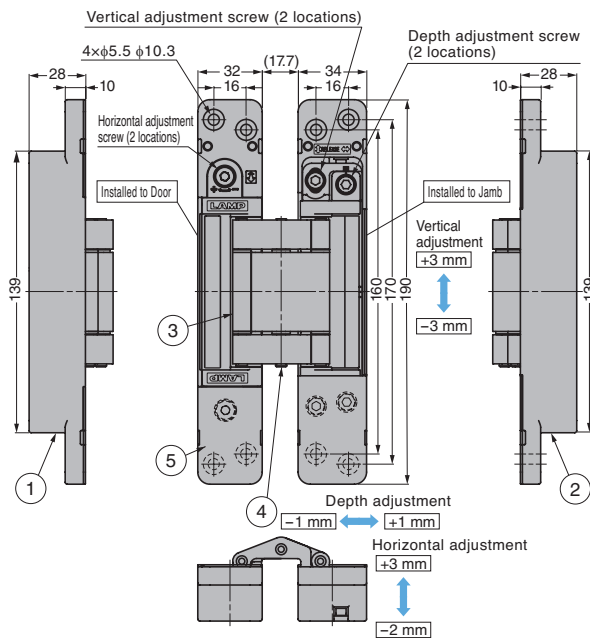
Video Link



Video Link



Figure below shows the state with the upper screw covers removed.



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

- Max. Door Weight: 100kg with 2 pcs, 125kg with 3 pcs.
- Small bore depth for compact assembly.
- 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.
- Order-made colour available.

[Remarks]

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

[Parts Included]

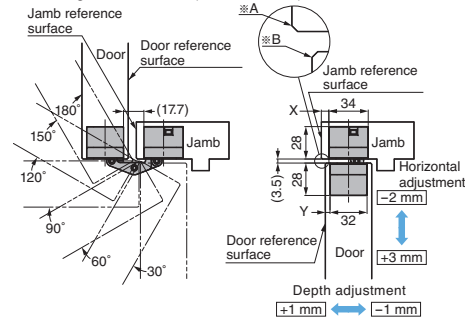
- Countersunk head tapping screw 5×30 (8 pcs/hinge) SUS
- Hex key 4

[Sold Separately]

- Installation template HES3D-E190-TMP 1
- ※ Can be reused, so door and jamb can be easily cut out with a router.

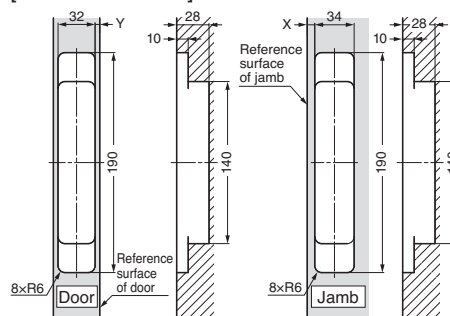
[Locus Chart]

Please process the part (corner of door/jamb) of ※ marked on the drawing to C1 or more (or R1 or more).



Y: Door machining margin	B: Door chamfering	X: Jamb machining margin	A: Jamb chamfering
4 and under	1	6.5 and under	1
	2	7	2
5	3	8	3
	3	6.5 and under	2
		7	3
		8	4

[Cut Out Dimensions]



RoHS	CAD	Item Code	Item Name	Colour	Door Specs				Opening Angle	Weight (g)	Box (pcs)	Carton (pcs)
					Width	Thickness	Weight kg/2pcs	Weight kg/3pcs				
6	SD	170-025-498	HES3D-E190DC	Silver	Max. 900	Min. 38	Max. 100	Max. 125	180°	1100	2	12
6	SD	170-025-499	HES3D-E190DN	Champagne Gold							2	12
6	SD	170-025-539	HES3D-E190BL	Black							2	12
6	SD	170-033-568	HES3D-E190NI	Nickel							2	12

Refer to 1 : P.167

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