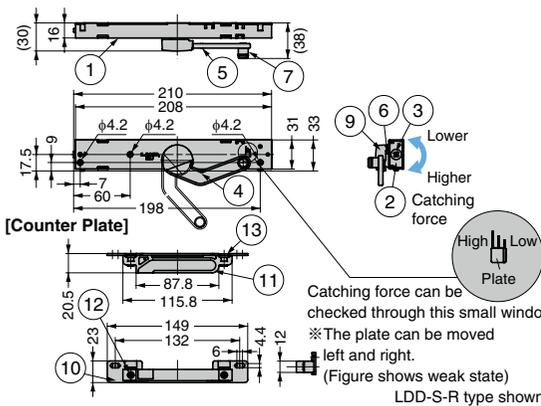


DOOR DAMPER LDD-S



When opening, the arm comes off from the counter plate and the door can rotate freely!



No.	Part Name	Material	Finish / Colour
①	Case	Steel (SGCC)	Chromate
②	Block	POM	Natural
③	Catching Force Adjustment Screw	Steel	Chromate
④	Arm	Stainless Steel (SUS304)	Plain
⑤	Arm Spacer	POM	See Below
⑥	Arm Axis	Zinc Alloy (ZDC)	Chromate
⑦	Roller	POM	Grey
⑧	Body Cover	ABS	See Below
⑨	Arm Cover		
⑩	Counter Plate	Steel (SPCC)	Chromate
⑪	Guide	Zinc Alloy (ZDC)	
⑫	Screw	Steel (SWCH)	
⑬	Nut	Steel (SPCC)	
⑭	Counter Plate Cover	ABS	See Below

RoHS	CAD	Item Code	Item Name	Colour	Type	Door Width	Door Weight kg	Weight (g)	Box (pcs)	Carton (pcs)
CE	3D	270-018-984	LDD-S-RWT	White	Right-handed	Max. 900	15-40	550	1	20
CE	3D	270-018-985	LDD-S-LWT		Left-handed			550	1	20
CE	3D	270-018-986	LDD-S-RLGR	Light Grey	Right-handed			550	1	20
CE	3D	270-018-987	LDD-S-LLGR		Left-handed			550	1	20
CE	3D	270-018-988	LDD-S-RLBR	Light Brown	Right-handed			550	1	20
CE	3D	270-018-989	LDD-S-LLBR		Left-handed			550	1	20
CE	3D	270-018-990	LDD-S-RDBR	Dark Brown	Right-handed			550	1	20
CE	3D	270-018-991	LDD-S-LDBR		Left-handed			550	1	20

Refer to ① : P.90, ② : P.95, ③ : P.167, ④ : P.166, ⑤ : P.166, ⑥ : P.710, ⑦ : P.714

- Surface mount type.
- Easy to determine installation position.
- Counter plate position and pull-in force (catching force) adjustable after installation.
- Unobtrusive design: damper unit is only 20mm high, easily fits most door frames.
- Self & soft-close from final 15°. Door starts to close slowly from a earlier position compared with conventional products, reducing the load applied on the hinges.
- Door can be opened more easily as compared with door closer.
- Suitable for maximum door weight 40kg.
- Self & soft-close function can be turned off when the arm is pulled in with door opened. (When the arm is pulled out, self & soft-close function can be turned on again.)
- Can be used with the following hinges.
 - 3-way adjustable concealed hinge HES3D ①
 - ※ Can not be used with HES3D-90 ② .
 - Spring hinge ST150-6314-05 ③
 - Aluminium spring lift-off hinge PM120 ④
 - Spring hinge SA ⑤
- Concealed type door damper LDD-V ⑥ also available.

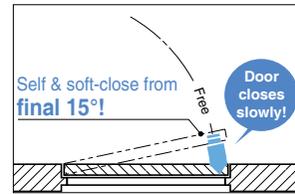
[Specifications]

- Passed 100,000 open/close private cycle test.

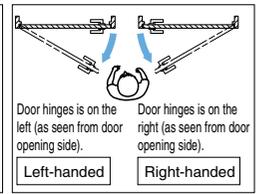
[Parts Included]

- Countersunk head tapping screw 3.5 × 30
- Binding head tapping screw 4 × 16

[Door Movement]

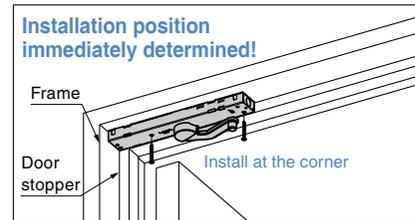


[Door Hinge Side]



Right-handed type shown. Left-handed type is symmetrical.

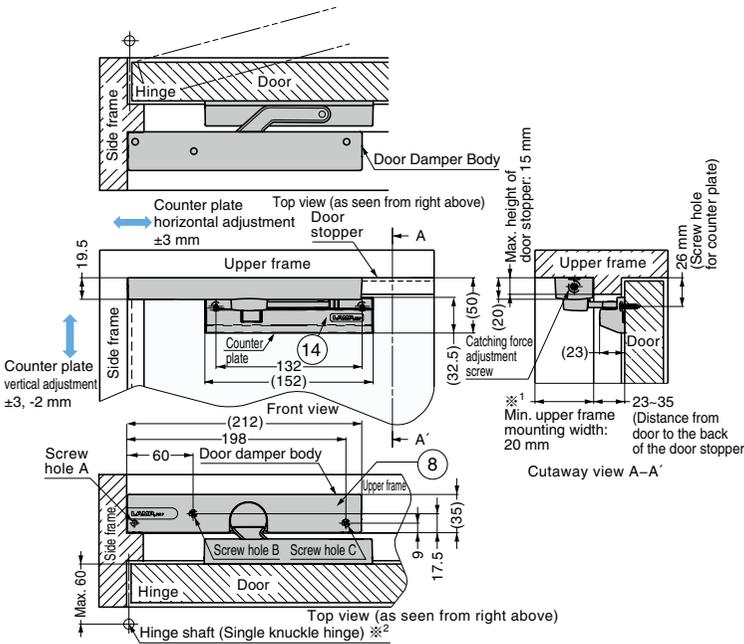
[Easy to Install and Adjust]



[Available Colours]



[Installation]



※¹ Top view above is for the upper frame mounting width above 25mm. When the distance from door to the back of the door stopper is 20mm~25mm, please use the screw hole A and C.
 ※² Refer to 1 for 3-way adjustable concealed hinge HES3D. ※Can not be used with HES3D-90 2.

Refer to 1 : P.90, 2 : P.95

⚠ Safety Cautions

- ◆ **Do not drop or give strong impact to this product.**
- This product can not resist strong wind. Do not use under strong wind, or the damper effect will decrease.
- If you close the door with excessive force, the damper effect may decrease.
- The door may not close enough depending on the case lock used.
- This product is designed for interior use. Do not use it outdoors.
- Do not use it at places subject to moisture and water.
- At the entrance of highly airtight room, the door closing speed and damper force may change, and the door may not close enough.
- The closing speed varies depending on the use environment (temperature, wind and hinges used on the door, etc.). Operating temperature: 0°C ~ 40°C.
- Do not apply a load in the vertical direction or excessive force to pull-in arm. Otherwise, it may be damaged.
- Please install and adjust this product after adjusting the door hinges.
- Please use the door hinges within the adaptive door weight range of this product.
- This product is supplied with installation instruction.
- Be sure to read before installation or use.
- Regularly check for looseness or dropout of screws during use.

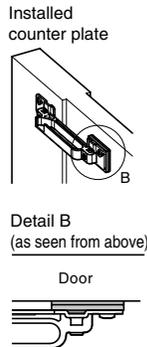
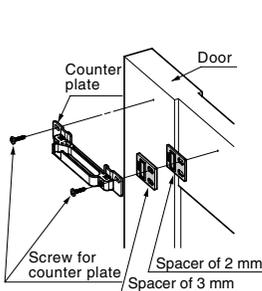
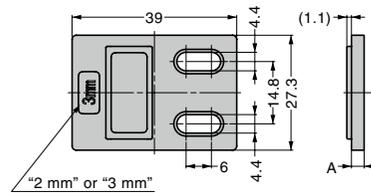
SPACER FOR LDD-S LDD-S-P



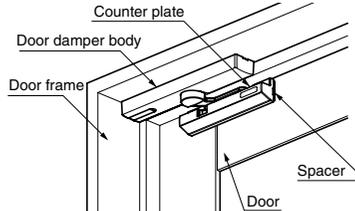
- For Lapcon door damper LDD-S 1
- Used when installing LDD-S to a door with gap.
- Two types available: 2mm thickness and 3mm thickness.
- Two spacers can be used in combination for gaps of 4, 5, 6mm.
- Counter plate of LDD-S adjustable vertically and horizontally with the spacer installed.

[Installation] In case of 5mm thickness gap

- Place the counter plate spacer on the gap part of the door and pinch it with the counter plate.

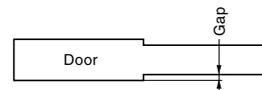


[Installation]



[Remarks Before Installation]

- Check the gap of the door surface and choose the suitable spacer (combination of spacers).



Refer to 1 : P.713

RoHS	CAD	Item Code	Item Name	Material	Colour	A	Weight (g)	Box (pcs)	Carton (pcs)
Green	3D	270-021-019	LDD-S-P2BL	ABS	Black	2	1.8	100	1000
Green	3D	270-021-020	LDD-S-P3BL			3	2.8	100	1000