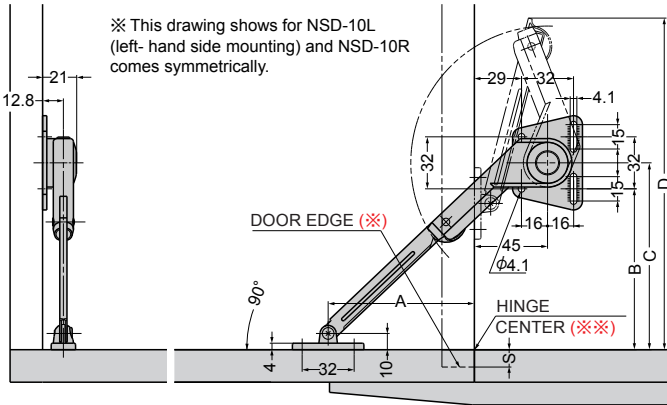


SOFT DOWN STAY NSD-10R / L INSTALLATION INSTRUCTION

LAMP

● Please follow these instructions carefully for proper use.

LOCATION TO BE MOUNTED (90° OPENING)



Depending on the type of the hinges used, the position of the mounting plate and arm fixing plate should be fixed as indicated below. In this case where LAMP drop hinge (SDH-001) is used, the distance for A, B, C is measured from "door edge (※)" and "topside of bottom board", and "hinge center (※※)" and "topside of bottom board" for single knuckle hinge (s).

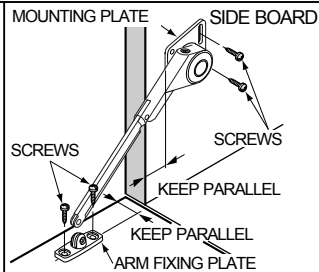
	A	B	C	D
DROP HINGE (SDH-001)	97	106-S	122-S	211-S
SINGLE KNUCKLE HINGE (PIANO HINGE ETC.)	90	99	115	204

Note: "S" dimension is the overlay distance for drop hinge (S).

INSTALLATION PROCEDURE & SPEED ADJUSTMENT

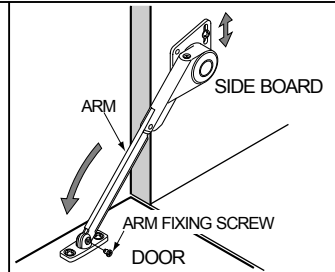
Step-1.

Mount the arm fixing plate on back of the door at the correct position with screws. Place the mounting plate on the side board. The slotted side oblong holes must be placed towards the bottom of the cabinet. Put the screws into the slots and fasten them temporarily.



Step-2.

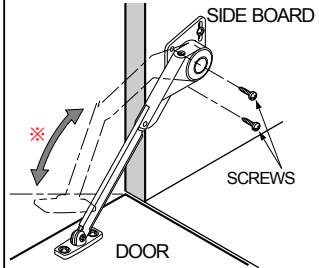
Rotate the body to put arm into the slot on the arm fixing plate, and fasten with the arm fixing screw. To adjust the opening angle of the door, loosen the screws in the slots of the mounting plate, and adjust the position.



Step-3.

Upon completing Step 2, fasten the screws in the slots of the mounting plate, and fasten screws into the round holes.

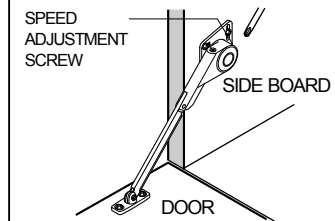
※ If the round hole (s) is covered by the unit body, open and close the door.



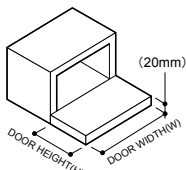
Speed adjustment

Upon completion of installation, make sure the door opens and closes properly. To adjust the closing speed of the door, turn the speed adjustment screws. In case 2 units (left & right) are used, the speed adjustment screws must be turned evenly. ※ Do not try to turn the speed adjustment screws exceeding their limitation.

FASTER (X) SLOWER



DOOR WEIGHT AND SIZE



This product must be applied to door with specific weight and size. Lined section of the graph indicates applicable door weight range based on 1 unit per door.

Note-1: In case of 2 units (left & right) per door

Door width (W) can be twice as large, if the door height (H) remains unchanged.

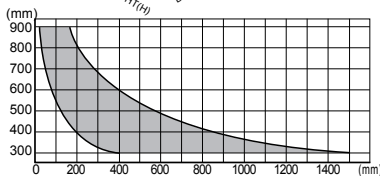
Note-2: In case of different door thickness or specific gravity, door weight range must fit the following formula.

※ 1 unit per door:

$1/2 \text{ door height (cm)} \times \text{door weight (kg)} : 16 \sim 70 \text{ kg} \cdot \text{cm}$
 $(1/2 \text{ door height (inch)} \times \text{door weight (lb)}) : 12 \sim 60 \text{ lb} \cdot \text{inch}$

※ 2 unit (right & left) per door:

$1/2 \text{ door height (cm)} \times \text{door weight (kg)} : 32 \sim 140 \text{ kg} \cdot \text{cm}$
 $(1/2 \text{ door height (inch)} \times \text{door weight (lb)}) : 24 \sim 120 \text{ lb} \cdot \text{inch}$



● In case of a usual wooden flap of 20mm thickness (specific gravity approx. 0.5)

WARNINGS

- ※ This product has dampening function, and is designed for a relatively lightweight cabinet of furniture door. We will not be liable for any injuries or damage due to improper application or use on a door that is not within proper weight range.
- ※ This product is designed to operate at room temperatures between 0°C- 40°C (32°F - 104°F).
- ※ This product has a spring at the elbow section. Please be careful not to get your fingers caught in elbow of the product while you are handling the unit.
- ※ Do not force the door to close faster. It may cause damage to the product or hinge (s).
- ※ Dimension and specification can be changed with or without notice.

1999.07.29