# HEAVY DUTY SPRING LOADED LID STAY S-AT Installation Manual



### Dear Customer:

S-AT stay was designed and manufactured with Sugatsune's utmost care in order to give you high performance and smooth operation on a long term basis.

We ask you to follow these instructions for the best possible results and carefree use throughout its lifetime.

# ∕!\Warrantv -

- ·S-AT stay was produced with particular attention to its quality.
- ·Should you however experience any difficulty, please refer to your local supplier or Sugatsune Export Department (export@sugatsune.co.jp).
- ·The liability of Sugatsune is limited to the replacement of the stay itself.
- ·Sugatsune cannot accept any liability or damage incurred while using this stay.
- ·Standard warranty is for one-year period from the date of shipment.
- ·Operating temperature is 0 to 40°C.

# **Specifications**

### Lid torque:

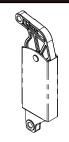
S-AT005	4.1∼ 6.1 N·m
S-AT005S	(42∼ 62 kgf·cm)
S-AT01	6.1∼ 8.8 N·m
S-AT01S	(62 ∼ 90 kgf·cm)
S-AT02	8.8∼11.8 N·m
S-AT02S	(90 ∼120 kgf·cm)

### Calculation method:

[Lid height (m) / 21 x [Lid weight (kg)] x 9.8

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# Parts List









■Arm bracket : 1 ■Body bracket : 1

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Cross recessed truss screw  $(M4 \times 6) : 1$ 

■Main body: 1

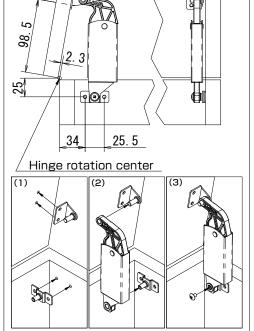
Installation screws are not provided.

Recommended screws:

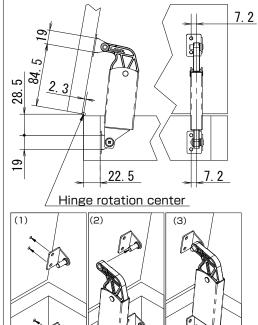
Wood: cross recessed truss tapping screw Sheet metal: cross recessed truss screw M4

### Installation

### Side board installation S-AT005, S-AT01, S-AT02



### Back board installation S-AT005S, S-AT01S, S-AT02S

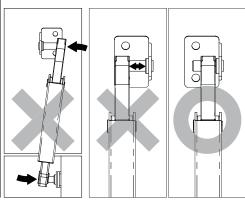


- (1) Attach the Arm bracket and Body bracket.
- (2) Attach the Main body.
- (3) Tighten the truss screw.

# Caution

When closing the lid, make sure that the arm bracket does not contact the side board.

Do not use concealed hinges.



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