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- › [Lamp](#) /
- › [LAMP by Sugatsune EB-303/EP Folding Shelf Bracket Instruction Manual](#)

Lamp EB-303/EP

LAMP by Sugatsune EB-303/EP Folding Shelf Bracket Instruction Manual

Model: EB-303/EP

PRODUCT OVERVIEW

The LAMP by Sugatsune EB-303/EP is a high-quality folding shelf bracket constructed from 304 stainless steel with an electro-polished finish. Designed for durability and functionality, this bracket allows for the creation of collapsible shelves or work surfaces, optimizing space utilization. It features an automatic locking mechanism when the shelf is in the open position and a simple lever release for folding.

KEY FEATURES

- **Material:** 304 Stainless Steel for superior corrosion resistance and strength.
- **Finish:** Electro Polished for a smooth, durable, and aesthetically pleasing surface.
- **Automatic Locking:** Automatically locks when the flap is in the opened position, ensuring stability.
- **Easy Release:** Depress a lever to release the lock and fold the bracket.
- **Integrated Hinge:** Functions as both a bracket and a hinge in one unit.
- **NSF Certified:** The EB-303/EP model is NSF Certified, indicating compliance with public health and safety standards.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your folding shelf bracket. Ensure you have appropriate fasteners for your mounting surface (not included).

Tools Required:

- Measuring Tape
- Pencil or Marker
- Drill
- Screwdriver (appropriate for your fasteners)
- Level

Installation Steps:

1. **Determine Mounting Location:** Choose a sturdy wall or surface capable of supporting the bracket and the intended load. Use a level to ensure the mounting line is perfectly horizontal.
2. **Mark Pilot Holes:** Position the bracket against the mounting surface at the desired height. Use a pencil to mark the locations for the mounting screws through the bracket's screw holes. Refer to the provided diagrams for screw hole placement and dimensions.
3. **Drill Pilot Holes:** Drill pilot holes at the marked locations. The size of the pilot holes should be appropriate for your chosen fasteners and mounting material.
4. **Attach Bracket to Wall:** Securely fasten the bracket to the wall using appropriate screws. Ensure the bracket is firmly attached and does not wobble.
5. **Attach Shelf to Bracket:** Once the wall-mounted bracket is secure, position your shelf or flap onto the horizontal arm of the bracket. Mark and drill pilot holes through the shelf into the bracket's mounting points. Secure the shelf to the bracket using appropriate screws.
6. **Test Operation:** Carefully open and close the shelf to ensure the bracket locks correctly in the open position and releases smoothly.

EB Folding Bracket

STAINLESS
304
STEEL

LOAD CAPACITY
75~200 kg
165~440 lbs

- Automatically locks when flap is in opened position.
- Press lever to release the lock.
- Bracket can be used without the need for hinges.
- Available in 3 different sizes.

SUGATSUNE

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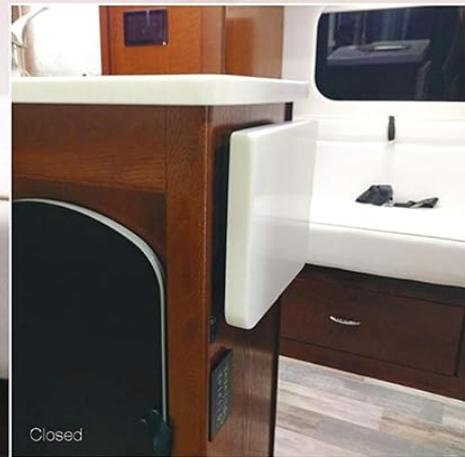


Image: The Sugatsune EB Folding Bracket installed, showing both the open and closed positions of a shelf. This illustrates the compact nature when folded and the sturdy support when extended.

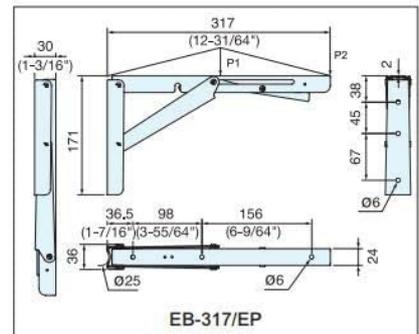
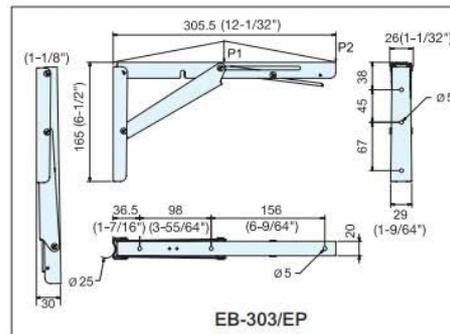
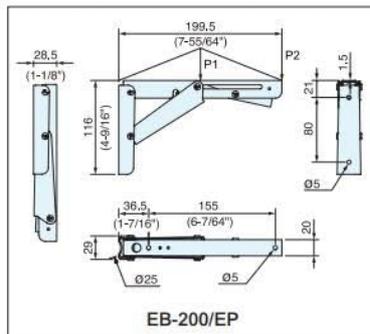
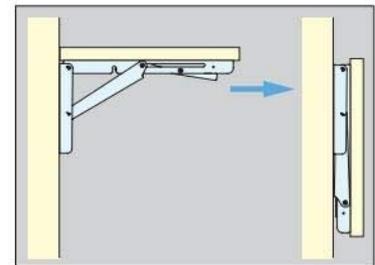
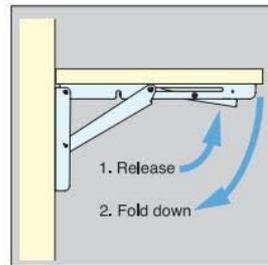
FOLDING BRACKET



EB



- Automatically locks when flap is in opened position.
- Press lever to release the lock.
- Bracket can be used without the need for hinges.
- Available in 3 different sizes.
- Only EB-303 is NSF certified.
- Damper unit EBD available for use with all EB series brackets. (Sold separately)



Item No.	Load Capacity P1 (kg)	Load Capacity P2 (kg)	Weight (g)	Carton (pcs)
EB-200/EP	175 (385 lbs)	90 (198 lbs)	330	50
EB-303/EP	150 (330 lbs)	75 (165 lbs)	515	20
EB-317/EP	200 (440 lbs)	100 (220 lbs)	750	20

Part Name	Material
Main Body	304 Stainless Steel
Plate Spring	
Rivet	

Image: Detailed technical drawing of the Sugatsune EB-303/EP Folding Bracket, including dimensions for installation and a table outlining load capacities for different models (EB-200/EP, EB-303/EP, EB-317/EP). The diagram also shows the release mechanism for folding down the bracket.

OPERATING INSTRUCTIONS

- To Open the Shelf:** Lift the shelf upwards until the bracket fully extends and automatically locks into the open position. You will hear a click, indicating it is securely locked.
- To Close the Shelf:** Locate the release lever on the bracket (as shown in the technical diagram). Depress this lever firmly. While holding the lever, gently push the shelf downwards until it is fully folded against the wall.

Important: Always ensure the bracket is fully locked in the open position before placing items on the shelf. Do not overload the shelf beyond its specified load capacity.

MAINTENANCE

The Sugatsune EB-303/EP folding shelf bracket is made from durable 304 stainless steel and requires minimal maintenance.

- **Cleaning:** Wipe the bracket periodically with a soft, damp cloth to remove dust and grime. For stubborn marks, use a mild soap solution and rinse thoroughly. Avoid abrasive cleaners or harsh chemicals, which can damage the electro-polished finish.
- **Inspection:** Periodically check all mounting screws to ensure they remain tight. Inspect the bracket for any signs of wear, damage, or corrosion. If any issues are found, address them promptly.
- **Lubrication:** The moving parts are designed for smooth operation. If you notice any stiffness, a small amount

of silicone-based lubricant can be applied to the pivot points. Avoid oil-based lubricants that can attract dust.

TROUBLESHOOTING

- **Shelf Does Not Lock in Open Position:**
 - Ensure the shelf is lifted fully until the bracket mechanism engages and clicks.
 - Check for any obstructions preventing the bracket from fully extending.
 - Inspect the locking mechanism for damage or debris.
- **Difficulty Folding Down the Shelf:**
 - Ensure the release lever is fully depressed.
 - Check for any binding or obstructions in the folding mechanism.
 - Apply a small amount of silicone lubricant to the pivot points if stiffness persists.
- **Bracket Feels Loose or Wobbly:**
 - Tighten all mounting screws securing the bracket to the wall and the shelf to the bracket.
 - Verify that the mounting surface is solid and capable of supporting the load.
 - Ensure the correct type and length of fasteners were used for installation.

SPECIFICATIONS (MODEL: EB-303/EP)

Attribute	Detail
Model Number	EB-303/EP
Material	304 Stainless Steel
Finish Type	Electro Polished
Load Capacity (per bracket)	P1: 150 kg (330 lbs), P2: 75 kg (165 lbs)
Mounting Type	Wall Mount
Included Components	1 EB-303/EP Stainless Steel Folding Bracket (fasteners not included)
Item Weight	1.14 pounds (0.52 kg)
Product Dimensions (L x W x H)	Refer to the technical diagram for actual dimensions.
Manufacturer	Sugatsune
Certifications	NSF Certified

Note: Load capacities are per bracket. For optimal support and safety, it is recommended to use two brackets for most shelf applications. Always consider the strength of your mounting surface and fasteners.

WARRANTY AND SUPPORT

Specific warranty information for the LAMP by Sugatsune EB-303/EP Folding Shelf Bracket is not provided in the product details. For warranty inquiries, technical support, or replacement parts, please contact Sugatsune directly through their official website or customer service channels.

You can find more information on the manufacturer's website: [sugatsune.com](https://www.sugatsune.com)

