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S-ATH LIFT ASSIST STAY

S-ATH-70S
70 Nm Lift Assist Stay for L-shaped Doors

- Can work with heavy industrial lids
- Assists Lifting
- Adjustable Torque
- L-shaped and Flat lid options available

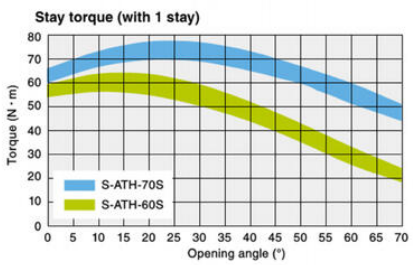


PRODUCT DESCRIPTION

The Sugatsune S-ATH Lift-Assist Stay is a robust mechanical support designed to facilitate the lifting of heavy, top-opening lids. Constructed from durable stainless steel with a satin finish, the S-ATH is engineered for demanding environments, offering corrosion resistance and longevity. It features a powerful internal spring mechanism that reduces the effort required to lift heavy lids, making it ideal for applications where frequent access is necessary. The stay is available in two configurations to accommodate different lid shapes, and its torque can be finely adjusted by ±10% using an adjustment bolt, allowing customisation based on lid weight and size. Operating effectively within a temperature range of 0°C to 40°C and up to 90% relative humidity, the S-ATH is suitable for various industrial settings.
In practical applications, the S-ATH Lift-Assist Stay is well-suited for use in industrial equipment, marine hardware, and machinery that require reliable support for heavy lids. Its design ensures smooth and controlled opening and closing motions, enhancing safety and efficiency in operations. The stay has undergone rigorous testing, passing a 30,000-cycle durability test, which underscores its reliability for high-frequency use. Whether in food processing machinery, medical equipment, or marine applications, the S-ATH provides a dependable solution for managing heavy lids, improving user ergonomics, and reducing the risk of injury.

TECHNICAL DATA

Applicable Door Shape	L-Shaped Doors
Material	Stainless steel
Maximum Door Moment	70 Nm
Surface finish	Satin



S-ATH-70S : L-shaped door

