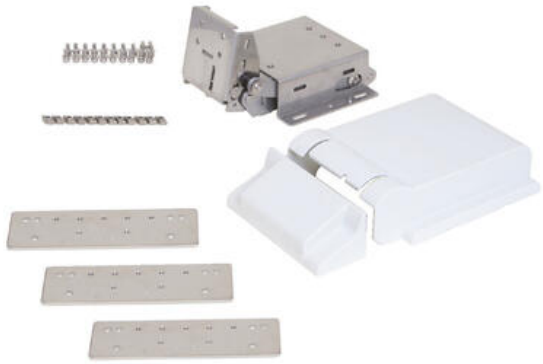
OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
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AS-HG LIFT ASSIST HINGE

AS-HG-PA300-30-8
Parts Set For Lift Assist Hinges

- Stainless Steel Hinge
- Stainless Steel Brackets
- Grey Plastic Cover
- Plastic Slider
- Steel Springs

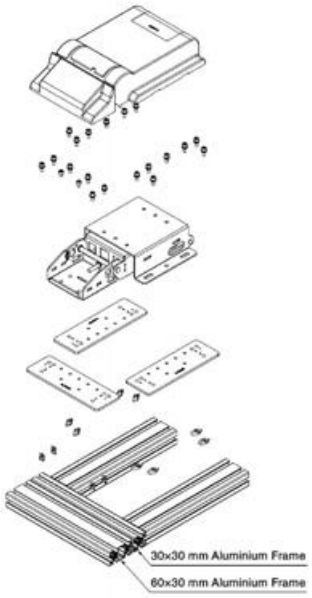


PRODUCT DESCRIPTION

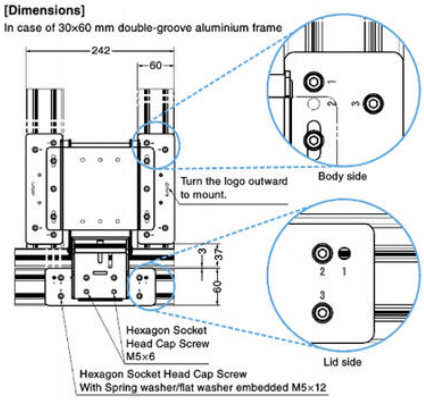
The Sugatsune AS-HG-PA300 Lift Assist Hinge (model HG-PA300-15) is a precision-engineered, balance-adjustable hinge designed to facilitate the effortless lifting of heavy, top-opening lids. Constructed from durable 430 stainless steel with a light grey finish, this external surface-mounted hinge features a spring-assisted mechanism that delivers a peak torque of 15 Nm within an optimal opening range of 60° to 80°. The torque is adjustable within ±10% via an integrated adjustment screw, allowing customisation to accommodate varying lid weights and sizes. Additionally, the built-in damper ensures a soft-close function, preventing lids from slamming shut and enhancing safety in high-precision environments. The hinge measures 278 mm in length, 180 mm in width, and 63 mm in height, and weighs approximately 3.4 kg.
This hinge is particularly suited for applications requiring controlled lid movement, such as in medical equipment, analytical instruments, and semiconductor machinery. Its robust construction and adjustable torque make it ideal for environments where precise motion control is critical. The HG-PA300-15's design ensures consistent performance across a range of temperatures, making it a reliable choice for various industrial applications.

TECHNICAL DATA

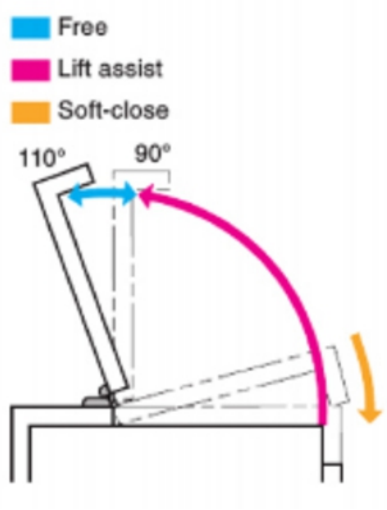
Material	Stainless steel, Steel, POM, PBT
Operating Range	Free up to 110°, assisted up to 90° and with soft close
Surface finish	Barrel Polished Brackets
Torque	9±10%
Weight	800 g

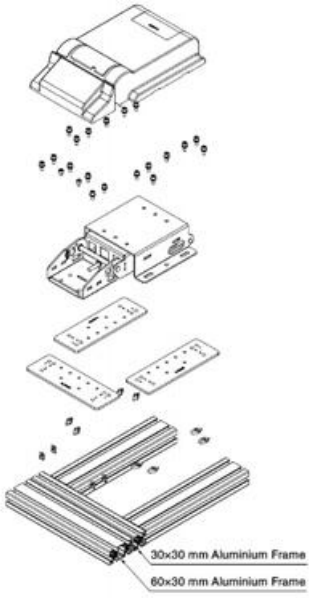


[Dimensions]
In case of 30×60 mm double-groove aluminium frame

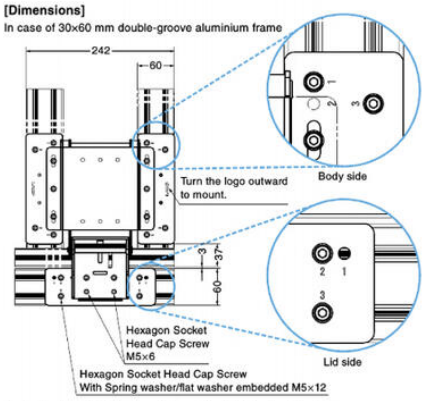


Use holes 2 and 3 when mounting on the lid side aluminium frame, and holes 1 and 3 on the body side aluminium frame.





[Dimensions]
In case of 30×60 mm double-groove aluminium frame



Use holes 2 and 3 when mounting on the lid side aluminium frame, and holes 1 and 3 on the body side aluminium frame.

