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HG-PA LIFT ASSIST HINGE

HG-PA300-15
Balance Adjustable Lift Assist Hinge Outside Mount,
15N Torque, Peak Torque 60°~80°

- Various Adjustable Torques
- Lift Assist
- Soft Close

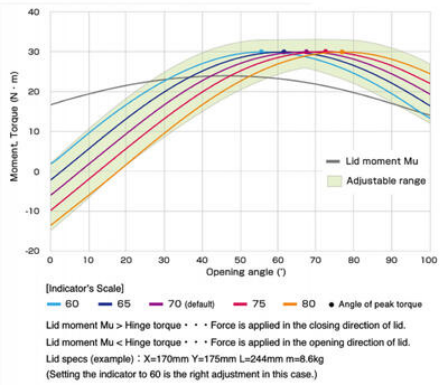


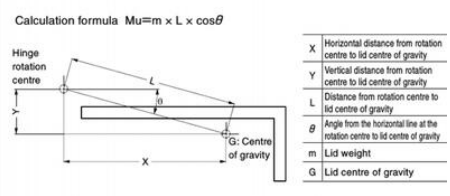
PRODUCT DESCRIPTION

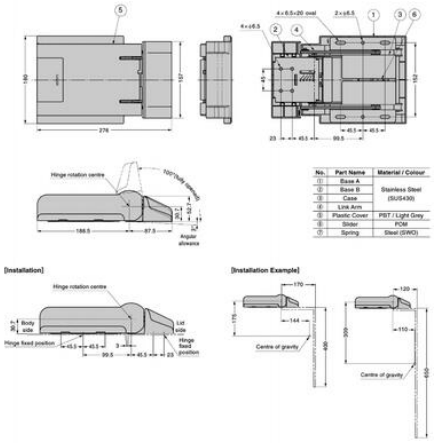
Sugatsune's HG-PA lift-assist hinges are precision-engineered to significantly ease the operation of heavy lids or panels by featuring integrated spring tension and soft-closing damping in a compact stainless-steel package. These hinges provide adjustable torque, typically in the range of ±5–11% depending on the model, and deliver smooth, quiet motion that prevents slamming during closure. Available in various configurations, including surface-mounted, inside-mount, and different torque ratings, the HG-PA series uses 430 or 304-grade stainless steel for durability, with models like the HG-PA202-2 offering a maximum damper torque around 2 Nm, adjustable via a set screw for precision tuning.
In practical applications, HG-PA hinges are ideal wherever heavy or bulky panels need effortless, controlled opening and closing. They excel in marine and industrial equipment, medical and laboratory cabinetry, overhead storage lids, and specialist enclosures, eliminating the bulk and gas-leak risks of traditional gas springs. Their soft-close function enhances user safety and product longevity, making them perfect for high-usage environments like equipment cases, service access panels, or kitchen lift-up flaps. With their adjustable torque and clean, rust-resistant finishes, HG-PA hinges deliver both ergonomic performance and reliable, maintenance-free operation.

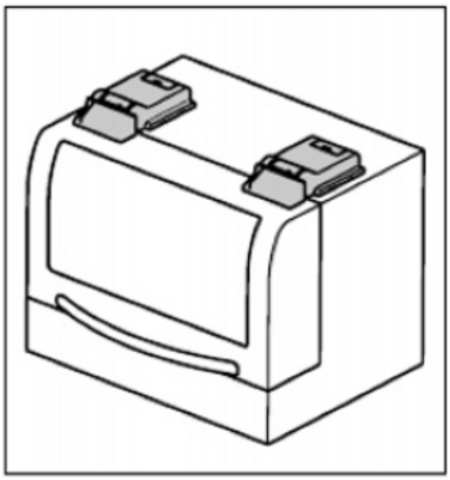
TECHNICAL DATA

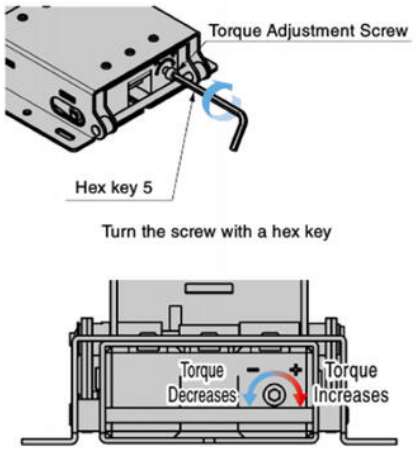
Feature	Peak Torque 60°~80°
Material	Stainless steel, Steel, PBT, POM
Torque	15N±10%
Weight	3400 g

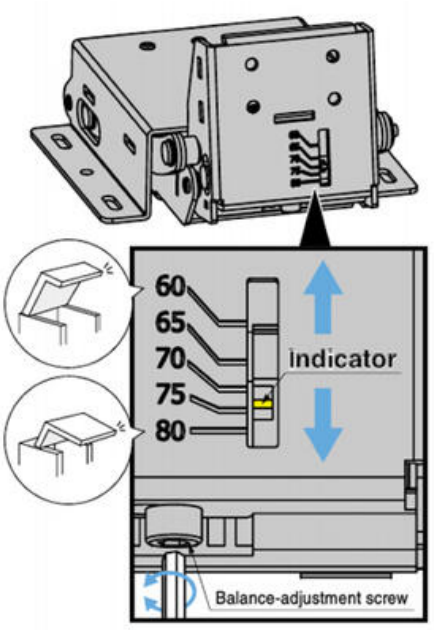


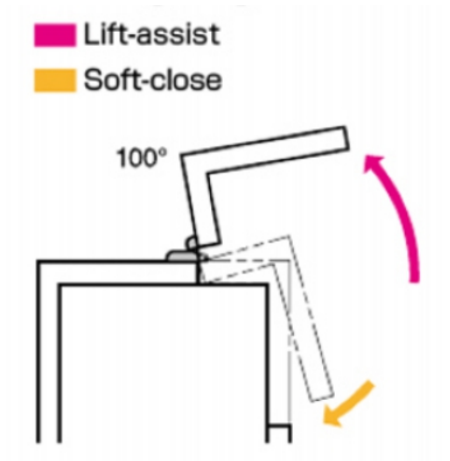







Torque Adjustment Screw
Hex key 5
Turn the screw with a hex key
Torque Decreases
Torque Increases


60
65
70
75
80
indicator
Balance-adjustment screw


Lift-assist
Soft-close
100°