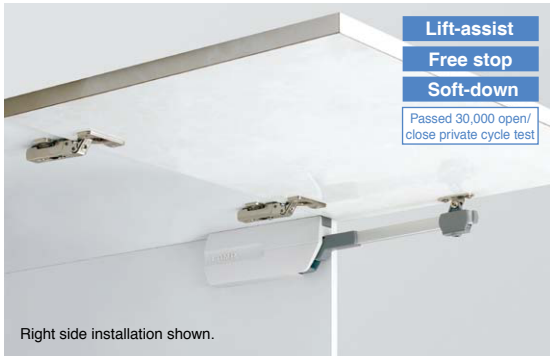
EASY LIFT-UP STAY GS-SLS-ELAN®



Compact body saves space, not even affecting the shelf mounting.

Opening Direction	Description	Non-handed	Model	Maximum Door Moment
Upward-opening	Lift-assist Free stop Soft-down	–	M	4.90~7.35 N·m/pc (50~75 kgf·cm/pc)
			H	7.35~9.80 N·m/pc (75~100 kgf·cm/pc)

- Patented Lapcon mechanism controls door opening and closing softly and smoothly.
  - ・Door can be opened with a slight force (see Fig.1).
  - ・Door can be stopped in any position in the range of about 30° to fully opened position (see Fig.2).
  - ・Door closes slowly in the range of about 0° to 30° (see Fig. 3)
- Easy installation from the front for both left and right.

[Specifications]

- Operating temperature: 0℃~40℃

[Remarks]

- Be sure to read the “Cautions”
- Handed: Specific left and right-handed.
- Never push down the arm of stay before door installation.
- Do not open the door further in fully opened position.
- Do not roughly open and close the door.

[Parts Included]

- Countersunk head tapping screw 3.5× 35
- Binding head tapping screw 3.5× 15
- Truss head screw M4× 5 (for mounting plate)

[Sold Separately]

- Mounting plate GS-SLS-ELAN-AZ
- Slider (for maintenance)

Video Link

Selection Tool Sasuga-kun
Applicable Products
Used for Product Selection & Simulation.
Available on Web!

[3 Functions in 1 Stay]

Lift-assist

Door can be opened with a slight force.

Fig.1

Free stop

Door can be stopped in any position in the range of about 30° to fully opened position.

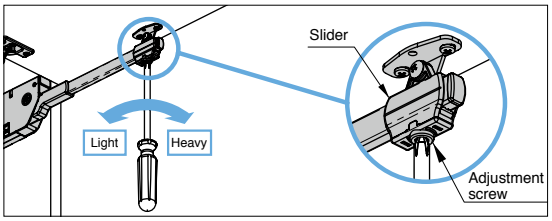
Fig.2

Soft-close

Door closes slowly in the range of about 0° to 30° even if you release your hands from the door.

Fig.3

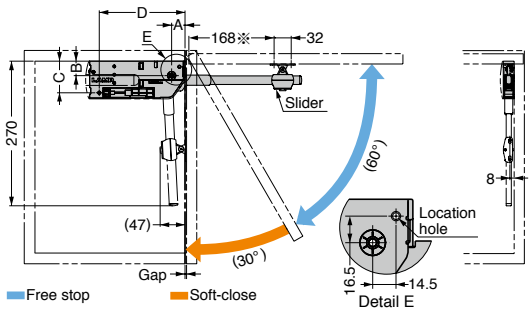
[Adjustment of Lift-assisting Force]



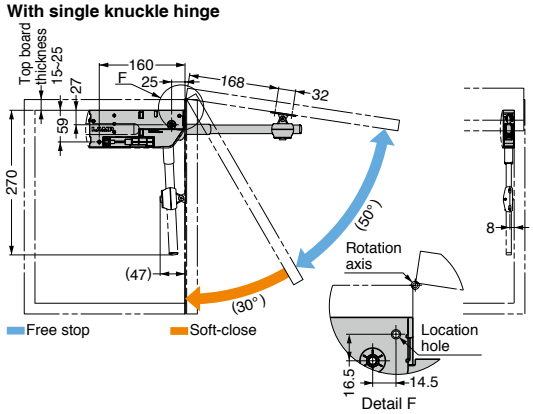
- If the door opens and closes improperly, turn the adjustment screw at the bottom of the slider to adjust door movement.

[Installation] Right side installation for upward-opening 90˚.
Left side installation is symmetrical.

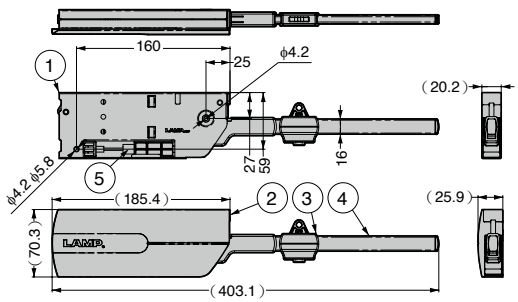
With concealed hinge

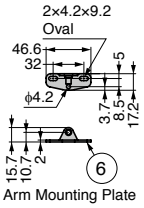


With single knuckle hinge



- If axis position of single knuckle hinge different from the figure above, please contact local representatives.
- Top board thickness is 15~25mm. For other thicknesses, please contact local representatives.





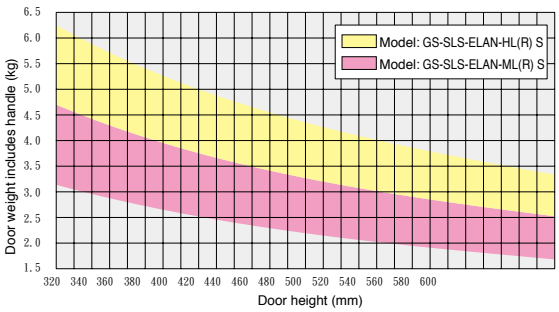
No.	Part Name	Material	Finish/Colour
①	Body	Steel (SECC)	–
②	Body Cover R	ABS	Light Grey
③	Slider	POM	Dark Grey
④	Tip Arm	Aluminium Alloy	Anodised
⑤	Damper	–	–
⑥	Arm Mounting Plate	Steel (SPCC)	Nickel

Hinge Type	Bore Distance	A	B	C	D
230-(C)26/19T (19 mm Overlay)	5	25	27	59	160
H230-(C)26/19T (26 mm Overlay)	7				
230-(C)26/9T (9 mm Overlay)	5		37	69	
H230-(C)26/16T (16 mm Overlay)	7				
230-(C)26/0T (Inset)	5	Door Thickness + 27	47	79	A+135
H230-(C)26/0T (Inset)	7		53	85	

Table above is the combination with mounting plate 230-P4W-30T or 230-P4W-32T.

If the clearance between cabinet and door is 4mm or more, install the mounting plate according to a dimension obtained by subtracting the clearance from ※ marked dimension (Installation position of the body unit is unchanged).
(Example) When the gap between cabinet and door is 5mm: 168 - 5 (Gap) =163
If the connection between the body and cabinet is weak due to cabinet material etc., tighten a screw additionally in the location hole shown left. (Additional screws are sold separately)

[Door Size Ranges]



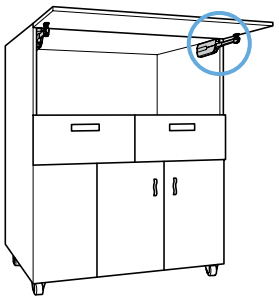
Refer to the above graph as a guide for model selection.
For a door with size not given here, calculate as follows.
Door weight includes handle.

●Choose from 2 types according to maximum door moment.
Maximum door moment (N・m) = Door weight (kg)× 9.80665× Distance from rotation centre to door centre of gravity (m)

Maximum door moment N・m	Model	Qty
4.90~7.35	M	1 pc
7.35~9.80	H	

●With 2 stays, the maximum door moment will be doubled.
※Confirm the movement with actual item.

[Application Example] **[Installation]**



[Body]

Item Name	Type	Material	Finish/Colour	Model	Maximum Door Moment N·m/pc	Maximum Door Moment kgf·cm/pc	Weight (g)
GS-SLS-ELAN-MRS	Right-handed	Aluminium Alloy/ABS	Anodised/ Light Grey	M	4.90~7.35	50~75	600
GS-SLS-ELAN-MLS	Left-handed						
GS-SLS-ELAN-HRS	Right-handed			H	7.35~9.80	75~100	
GS-SLS-ELAN-HLS	Left-handed						

[Mounting Plate for Aluminium Frame Door] Sold Separately

Item Name	Part Name	Weight (g)
GS-SLS-ELAN-AZ	Body	11
GS-SLS-ELAN-AZS	Screw Set	4