

LID STAY GS-LK-222, GS-LK-335, GS-LK-380



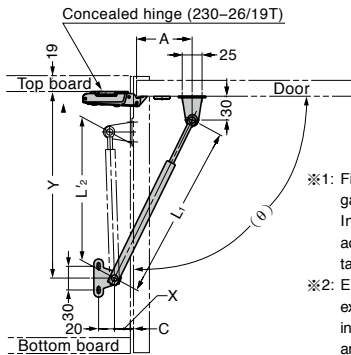
| Opening Direction | Description | Non-handed | Qty | Compression Load |
|-----------------------------------|-------------------------|------------|------------------|------------------|
| Top-opening Upward-opening | Holds When Fully Opened | Yes | 2 Units Per Door | - |

- Spring mechanism assists lifting the door and holds in opened position and additional catch not required both for in opened position and closed position.

[Remarks]

- Never open more than the angle where the stay has completely extended. Otherwise, it may be damaged. Install a stopper to restrict the opening of the door. Use two units per door. (1 unit per door not allowed)

[Installation GS-LK-222 and GS-LK-335]



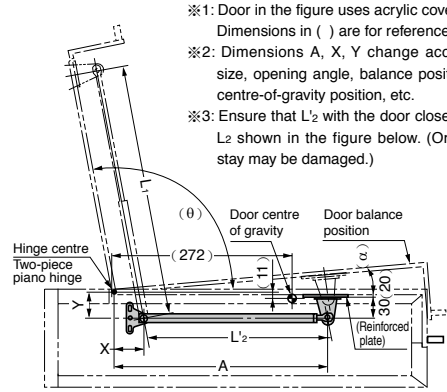
- ※1: Figure left shows when using gasket (gasket thickness C=4). In case of no gasket (C=0), add 4mm to dimension X in the table below.
- ※2: Ensure that L₂ of the installation example is larger than L₂ shown in the figure below. (Or the hinge and stay may be damaged.)

| Item Name | Opening Angle θ | L ₁ | A | X | Y | Door Weight kg |
|-----------|------------------------|----------------|-----|----|-----|----------------|
| GS-LK-222 | 90° | 222 | 70 | 20 | 235 | Max. 2.5 |
| | 85° | | 75 | | 240 | Max. 2.7 |
| | 75° | | 85 | | 251 | Max. 3.0 |
| GS-LK-335 | 90° | 335 | 104 | 20 | 344 | Max. 3.1 |
| | 85° | | 112 | | 351 | Max. 3.3 |
| | 75° | | 127 | | 368 | Max. 3.8 |

GS-LK222: In case door height 350mm

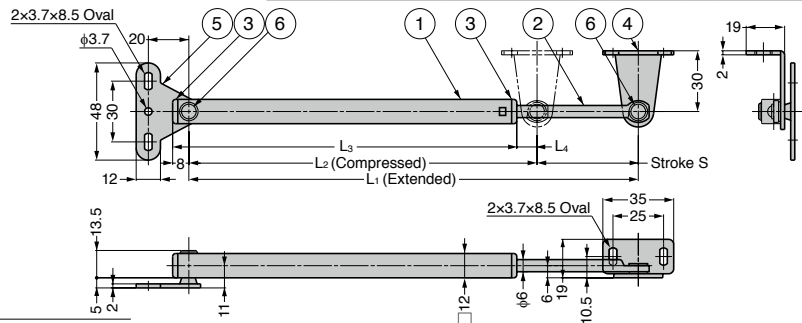
GS-LK335: In case door height 500mm

[Installation GS-LK-335 and GS-LK-380]



- ※1: Door in the figure uses acrylic cover (5mm thick). Dimensions in () are for reference only.
- ※2: Dimensions A, X, Y change according to door size, opening angle, balance position setting and centre-of-gravity position, etc.
- ※3: Ensure that L₂ with the door closed is larger than L₂ shown in the figure below. (Or the hinge and stay may be damaged.)

| Item Name | Opening Angle θ | Door Balance Angle α | L ₁ | A | X | Y | Door Weight kg | | | |
|-----------|------------------------|-----------------------------|----------------|-----|----|----|----------------|-----|----|-----|
| GS-LK-335 | 90° | 0.5° | 335 | 295 | 45 | 38 | 2.5 | | | |
| | | 14° | | | | | 3.0 | | | |
| | 85° | 12° | | | | | 44 | 3.3 | | |
| GS-LK-380 | 110° | 8° | 380 | 330 | 40 | 36 | 2.5 | | | |
| | 90° | 3.5° | | | | | 335 | 55 | 44 | 3.0 |
| | | 4° | | | | | 320 | 41 | 59 | 4.0 |
| | 80° | 7.5° | | | | | 335 | 56 | 60 | 4.3 |



| No. | Part Name | Material | Finish/Colour |
|-----|--------------|--------------------------|------------------------|
| ① | Body | Stainless Steel | Satin |
| ② | Stay | (SUS304) | Polished |
| ③ | Cover | PA | Black |
| ④ | Arm Bracket | Stainless Steel (SUS304) | Satin |
| ⑤ | Case Bracket | | |
| ⑥ | Shaft | | |
| - | Spring | Piano Wire | Coloured Zinc Chromate |

| Item Name | L ₁ | L ₂ | L ₃ | L ₄ | S | Spring Tension/pc | | | | Weight (g) |
|-----------|----------------|----------------|----------------|----------------|-----|-------------------|--------------|--------------|----------------|------------|
| | | | | | | Extended N | Extended kgf | Compressed N | Compressed kgf | |
| GS-LK-222 | 222 | 172 | 170 | 10 | 50 | 31 | 3.2 | 68 | 7.0 | 145 |
| GS-LK-335 | 335 | 250 | 238 | 20 | 85 | 37 | 3.8 | 83 | 8.5 | 185 |
| GS-LK-380 | 380 | 280 | 269 | 19 | 100 | 35 | 3.6 | | | 205 |