

PT YKK AP INDONESIA

ENGLISH VERSION

AUG 2025

**YKK**  
**ap**<sup>®</sup>

FOR HIGH - RISE  
(1200Pa)



**MADDELA - H**



# MADELA



## ***MAKE DELIGHTFUL LIFE***

MADELA is our product series that provides sufficient quality at a reasonable price based on the concept of “Simple and Easy”. It continues to grow its lineup and improve to meet the demand of Indonesia’s middle-up market.

# PROJECT REFERENCE

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# PROJECT REFERENCE

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# HIGH WATERPROOFNESS ACHIEVED BY YKK AP

To ensure there is no water leakage with windows is very important not only for your comfortable life but also for your value of the property. YKK AP make effort to achieve high waterproofness.

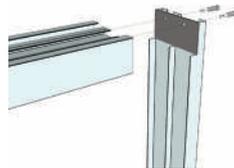
## W Proof Joint

### General metal joint (Bar window)



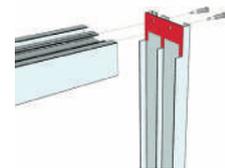
Sealant application after joining

### Normal metal joint (Other company FG)



Using a rubber Sealer pad  
\*Only Solid rubber

### YKK AP performance products



Using Sealer pad with \*SAP Material

Junction factor Water leakage ratio:  
More than 10%  
(API research)

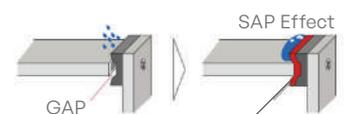
Junction factor Water leakage ratio:  
Less than 3%  
(API research)

Junction factor Water leakage ratio:  
Less than 1%  
(API research)



\*Logo "W Proof Joint" expresses high Waterproofness by SAP technology. Trademark registration has been applied.

### Secret of W Proof Joint



\*SAP: Super Absorbent polymer using Japanese diaper technology. Sealer pad with SAP material will swell and securely fill the gap to achieve optimum water stopping performance.

## Water Leakage Rate (Caused by Window Factors)

(\*YKK AP's survey)

More than 10%

Less than 1%

General Bar Window

AP's Performance Window

- The water leakage rate of the bar window is 10% or more.
- The ratio is greatly reduced for bar windows with standardized waterproof parts.
- The risk of water leakage due to window factors is almost 0 for products processed by manufacturers.

## Water Tightness Test at In-house Testing Center

We test water tightness of our products in our own Testing Center, and confirm the performance before product delivery. In Indonesia, this test is possible only in YKK AP.



Test for Apartments / High Rise  
200 Pa (Wind Speed = 18.1m/s) × 15 minutes

Test for Landed Houses / Low Rise  
100 Pa (Wind Speed = 12.8m/s) × 15 minutes

# WINDOWS FOR NEXT GENERATIONS

“SIMPLE AND EASY”

## Reliable Quality

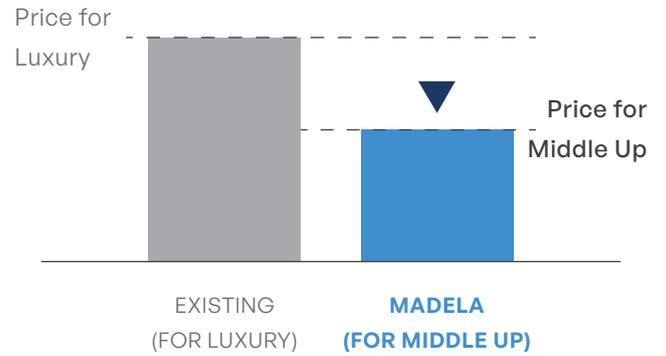
- YKK AP Original Hardware



YKK AP Original Hardware are used for the main parts

## Affordability

- Price Suitable For Middle Up Zone



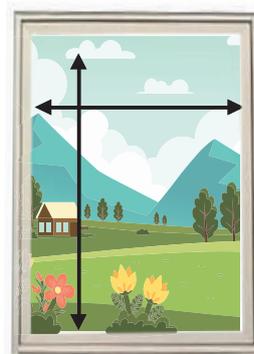
## Simple Design

- Not Obstruct The Scenery



GENERAL WINDOWS

Glass Area  
14% up



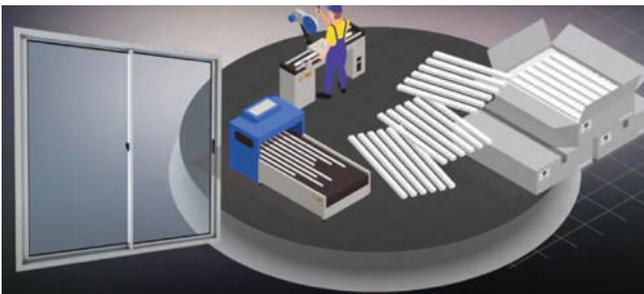
MADELA

Slim stile with  
Sufficient strength

\*Comparison condition:  
Top Hung 900x1200

## Height Processing Accuracy

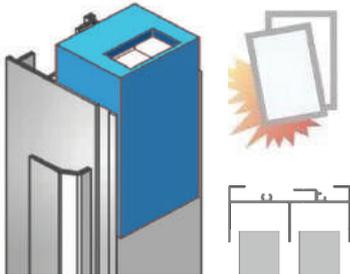
- Products are processed with high accuracy in AP Factory



# PRODUCT FEATURE

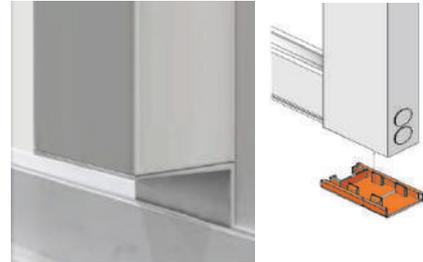
## Safety Consideration

### • Anti-Lift Device



Anti-Lift device is set standard for both inner/outer shutters to prevent the shutters from falling out of position

### • Safety Cap For Interlocking Stile



Prevents injuries caused by accidents during cleaning, normal use, and accidents

## Operating Parts

### • Easy-To-Use

**Crescent**  
(With lock knob)

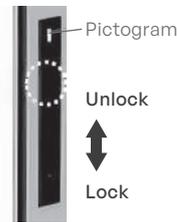


Raise the lock knob



Turn the handle to unlock

**Hook Lock**  
(Flat design)



Pictogram

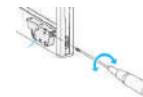
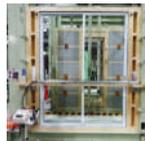
Unlock

Lock

### • Smooth Sliding And Highly Durable Roller



(Roller)



Adjustable height  
(+3 mm)



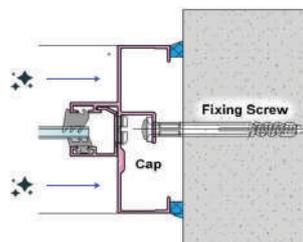
Rollers can be replaced without dismantling the shutters

After 20,000 times of opening and closing, there were no disorder for operation

## Beautiful Finishes

### • Compatible With Thin Walls

**Neat and Clean Look**  
Non Visible Fixing Screw



1. Since it is screwed with the core of the wall, the wall will not break
2. Clean fit with no visible screws or caps

# MADELA SPECIAL SYSTEM

## The Advantage of 90° Joint Stile in Top Hung & Casement



MADELA's TOP HUNG & CASEMENT windows have VERTICAL STILE (90° Joint) which has neat and sharp appearance and easier to cut and assemble.

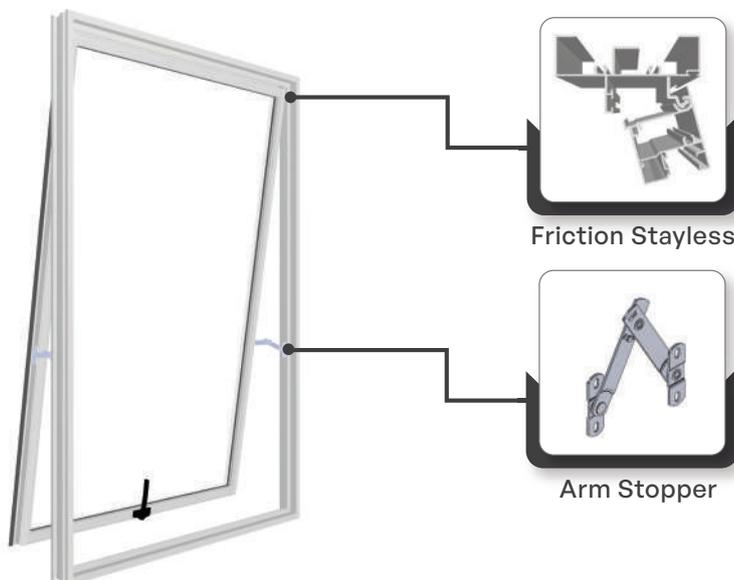
- ✓ SHARP APPEARANCE**  
Vertical Stile emphasizes vertical lines, unity in multiple lines.
- ✓ ADJUSTABLE WIDTH**  
Easily cut in site (current stile cannot be adjusted easily)
- ✓ BETTER PERFORMANCE**  
Even with aluminium's shrinkage feature, water does not easily leak
- ✓ WIDER GLASS AREA**  
Slim stile for 14% wider scenery view than general window while keeping sufficient strength.

\*Comparison condition: Top Hung 900x1200

## Top Hung Friction Stayless **NEW**

### • Friction Stayless

Indonesia first innovation for using dedicated profile hinge for friction stayless top hung.



#### Friction Stayless

Does not use friction stay, so there is no deterioration of movement due to rust.

#### Safety **✓**

Arm Stopper keeps the appropriate the opening width.

# PARTS SPECIFICATION

## Parts Matrix

| WINDOW TYPE  | SLIDING (ALL TYPE)  |   |   | DOOR (ALL TYPE)   |   |   |         |
|--------------|---|---|---|---|---|---|---------|
|              | CATEGORY  | HANDLE  |   | HANDLE SET  |   |   |         |
|              |   | STANDARD  | OPTIONAL  |   | OPTIONAL  |   |         |
|              |   |   | CRESCENT LOCK   | HOOK LOCK   |   | LEVER HANDLE  | MORTISE |
| WITHOUT KEY  | WITH KEY<br>Double Sided  |   |   |   |   |   |         |
| PARTS        |  |  |  |  |  |  |         |
| COLOR OPTION | L = 60<br>DG, YW  | YK, D1  | YK  | YS  |   |   |         |

| WINDOW TYPE  | TOP HUNG & CASEMENT  |  |  |   |  |
|--------------|--|--|--|---|--|
|              | HANDLE*  |  | FRICITIONSTAY  | SAFETY STOPPER (OPENING ABOUT 100mm)*   |  |
|              | MULTI POINT  | CAMLATCH   | YKK AP   | ARMSTOPPER*   | AL.PLATE*  |
| PARTS        |  |  |  |  |  |
| COLOR OPTION | YK, D1   | YK   | YS   | YS  | YS   |

\*Check size limitation

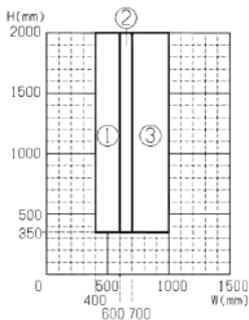
\*Optional Parts depend on user needs on strength and price matter

## Parts Color

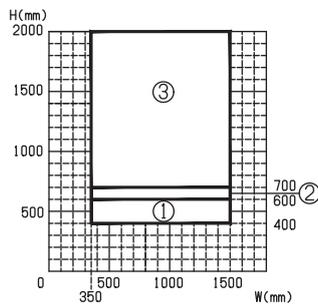
**DG** : Dark Gray    **D1** : White    **YK** : Black    **YS** : Light Gray

## Limitation Graph For Safety Stopper

### CASEMENT



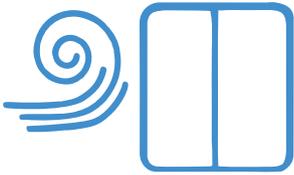
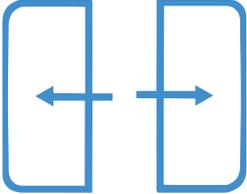
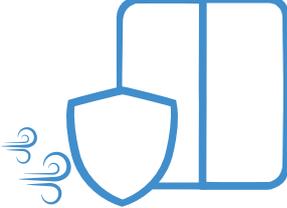
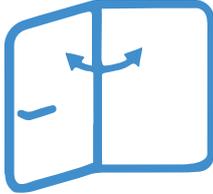
### TOP HUNG



| NO. | DESCRIPTION     | PART NO. |
|-----|-----------------|----------|
| ①   | AL. PLATE(L=33) | 9K-11114 |
| ②   | AL. PLATE(L=47) | 9K-11353 |
| ③   | ARM STOPPER     | 9K-11113 |

\*Not applied for Top Hung Friction Stayless

# WINDOW PERFORMANCE

|   |   |   |
|---|---|---|
| <p><b>Structural (Wind Load)</b></p>  <p>Up to 1200 pa</p>               | <p><b>Sound Insulation</b></p>  <p>Provide A Quiet Living Atmosphere<br/><b>-25 dB</b></p> | <p><b>Water Tightness</b></p>  <p>Watertight From Outside<br/>Within<br/><b>MADELA - L : 200Pa</b></p> |
| <p><b>Opening Force</b></p>  <p>Smooth Opening<br/>(Less Than 5 Kg)</p> | <p><b>Air Tightness</b></p>  <p>Dust Free and Airtight System<br/><b>Up to 75 Pa</b></p>  | <p><b>Open-Close Test</b></p>  <p><b>20,000 Cycles</b><br/>No Damage</p>                              |

\*Sliding Flat Sill and Door Without Sill performance has no guarantee

| High Quality Finishes   |                               |                                       |
|---|-------------------------------|---------------------------------------|
|   | Powder Coating<br>re-paint OK | Anodize +<br>resistant to rain and UV |
|  | White/Ivory                   | TW01                                  |
|   |                               | TW02                                  |
|  | Light Gray /Champagne         | YS1N (Matte)                          |
|   |                               | YH1N (Matte)                          |
|  | Deep Gray                     | TB80                                  |
|  | Brown                         | YB1C (Glossy)                         |
|   |                               | YB1N (Matte)                          |
|  | Black                         | TK10                                  |
|   |                               | YK1N (Matte)                          |

## Variety of Opening Types & Setting Units

### □ SLIDING

#### 2 LEAVES

##### Standard



SLIDING



SLIDING/FIX



FIX/SLIDING



FIX/SLIDING/FIX

#### 4 LEAVES

(Without Muntin)



SLIDING



FIX/SLIDING

(With Muntin)



FIX/SLIDING

##### Flat Sill



SLIDING



FIX/SLIDING

(Without Muntin)



SLIDING



FIX/SLIDING

(With Muntin)



FIX/SLIDING

\* Size W>2400 : Muntin will be added to FIX automatically for reinforcement.

### □ TOP HUNG

#### SINGLE

##### Standard



TOP HUNG



TOP HUNG/FIX



FIX/TOP HUNG



FIX/TOP HUNG/FIX

##### Friction Stayless

#### SINGLE



TOP HUNG



TOP HUNG/FIX



FIX/TOP HUNG



FIX/TOP HUNG/FIX

#### STEP WINDOWS

#### STEPWINDOWS

#### STEP WINDOWS

#### STEPWINDOWS

### □ CASEMENT

#### SINGLE

### □ FIX

#### SINGLE



FIX

#### STEP WINDOWS



FIX/FIX

#### STEP WINDOWS



FIX/FIX/FIX

#### STEP WINDOWS



CASEMENT/FIX



FIX/CASEMENT



FIX/CASEMENT/FIX



CASEMENT

### □ DOOR

#### SINGLE DOOR

#### DOUBLE DOOR

(Without Sill)

SINGLE STEP DOOR



DOOR



FIX/DOOR

(With Sill)

SINGLE STEP DOOR



DOOR



FIX/DOOR

(Without Sill)

DOUBLE STEP DOOR



DOOR



FIX/D-DOOR

(With Sill)

DOUBLE STEP DOOR



DOOR

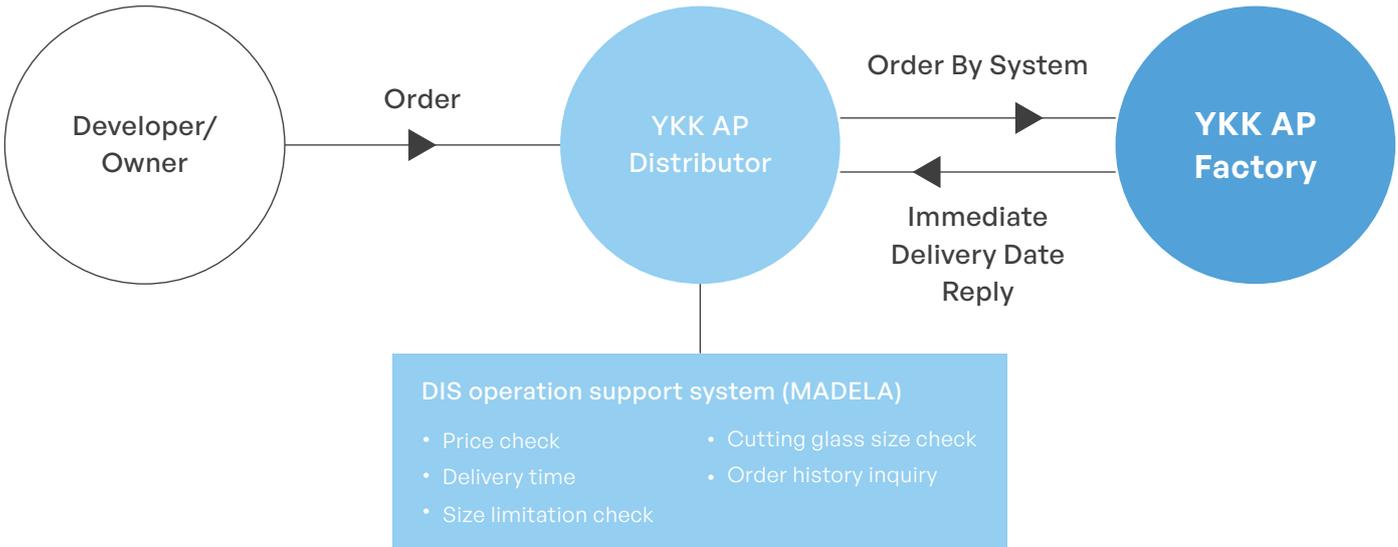


FIX/D-DOOR

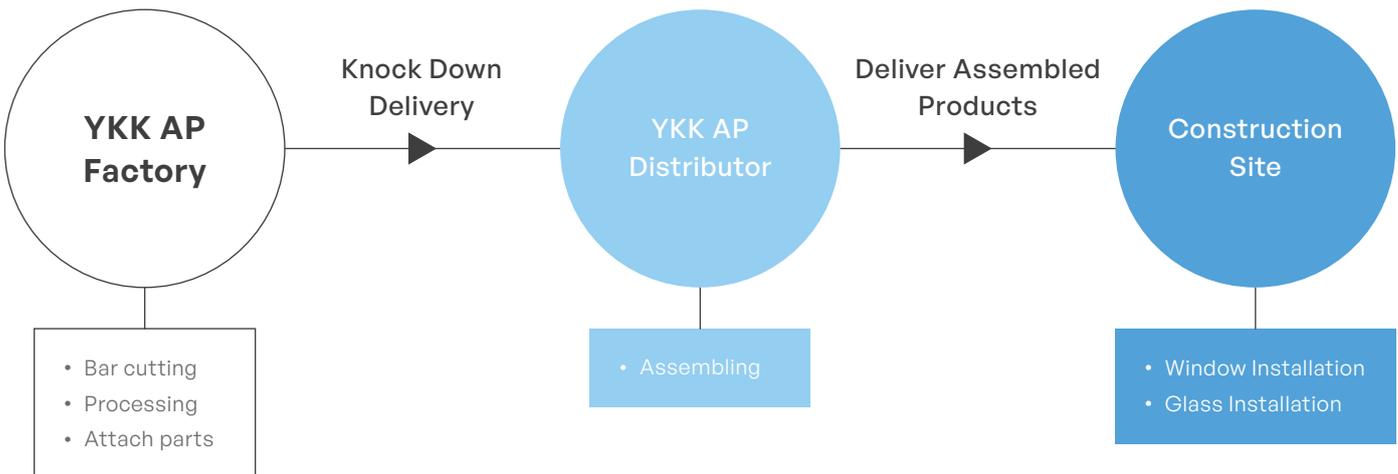
# ABOUT MADELA

**MADELA** is a product with a **new concept**, when DIS places an **order by this system**, the orders arrive directly at the factory line, and it will be possible to **notify the price, delivery date, etc in real time**

## Order Flow



## Delivery Flow



# PRECAUTIONS

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## • About the Price List

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- The prices listed in this catalog exclude glass, installation fees, and assembly fees  
The price list is listed in units of 100 mm, and less than 100 mm should be rounded up  
Ex) W1830xH860 = The price will be 1900x900
- For the stepped window type, add up the prices of each single window.
- For the continuous window type, add the mullion price

## • Delivery Destination

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- Only DIS warehouse or workshop, on-site delivery is not possible (Can be picked up at the factory upon request)

## • Quality Assurance

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- 10 years for surface treatment of profile and 2 years for parts (see below for disclaimers)
- DIS guarantees for the quality of assembly, installation, and sealing

## • Disclaimer

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- Even within the warranty period, the following cases will be repaired for a fee  
When the product at the time of ordering is modified (cut • installation of on-site procured parts, processed, problems due to inadequate construction • management • and maintenance
- Problems when installed in a place that requires performance that exceeds the performance of this product
- Product defects caused by defects other than the product, such as deformation of the building frame
- Corrosion or other defects caused by the natural environment or living environment around the product (for example, corrosion caused by salt damage, dust in the atmosphere, soot, various metal powders, sulfurous acid gas, ammonia, corrosion caused by car exhaust gas, abnormal high temperature, low temperature, high humidity etc)
- Phenomena associated with the material properties of products or parts (e.g., the sound of opening and closing windows)
- Problems caused by natural disasters or other force majeure (for example, windbreaks, heavy rains, storm surges, earthquakes, lightning strikes, floods, land subsidence, fires, tsunamis, eruptions, etc)
- Problems caused by small animals such as dogs, cats, birds, and mice
- Problems caused by operational errors after delivery, improper adjustment, or improper maintenance
- Problems caused by customer's own assembly, processing, installation, repair, modification
- Damage or malfunction caused by illegal acts such as crime. Problems that occur under conditions that exceed the performance value
- Problems that occur under conditions that exceed the performance value
  - \* A fee will be charged for replacement after the warranty period has expired
  - \* This document does not limit customer's legal rights. If customers have any questions about repairs after the warranty period has expired, please contact our sales office

# SLIDING 2 LEAVES



## Performance

|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Specifications

### Selected parts :

Crescent, Hook Lock, Hook Lock Double Sided (Optional)

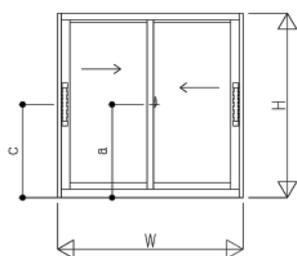
## Glass

| Glass Size                | Qty | Thickness |
|---------------------------|-----|-----------|
| $(W/2-66) \times (H-117)$ | 2   | 5,6,8     |

FOR H>2500 USE GLASS ONLY 6mm & 8mm

## Standard Specifications

### OUTSIDE VIEW



### Crescent Height : a

- $H/2+5$
- 645
- Custom

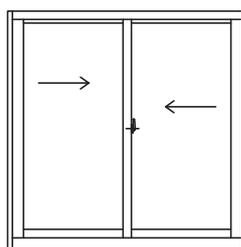
### Hook Lock Height : c

- $H/2+5$
- 645
- Custom

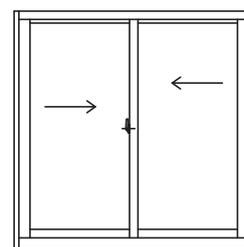
## 2 LEAF STANDARD

## 2 LEAF REVERSE

### OUTSIDE VIEW

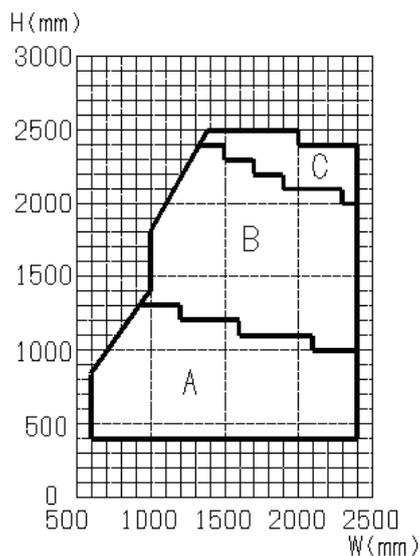


Inside  
Outside



Inside  
Outside

## Size Limitation



SEE SYSTEM DRAWING (P13, 14) FOR A, B, C

# SLIDING 2 LEAVES

## PRICE LIST

### CRESCENT

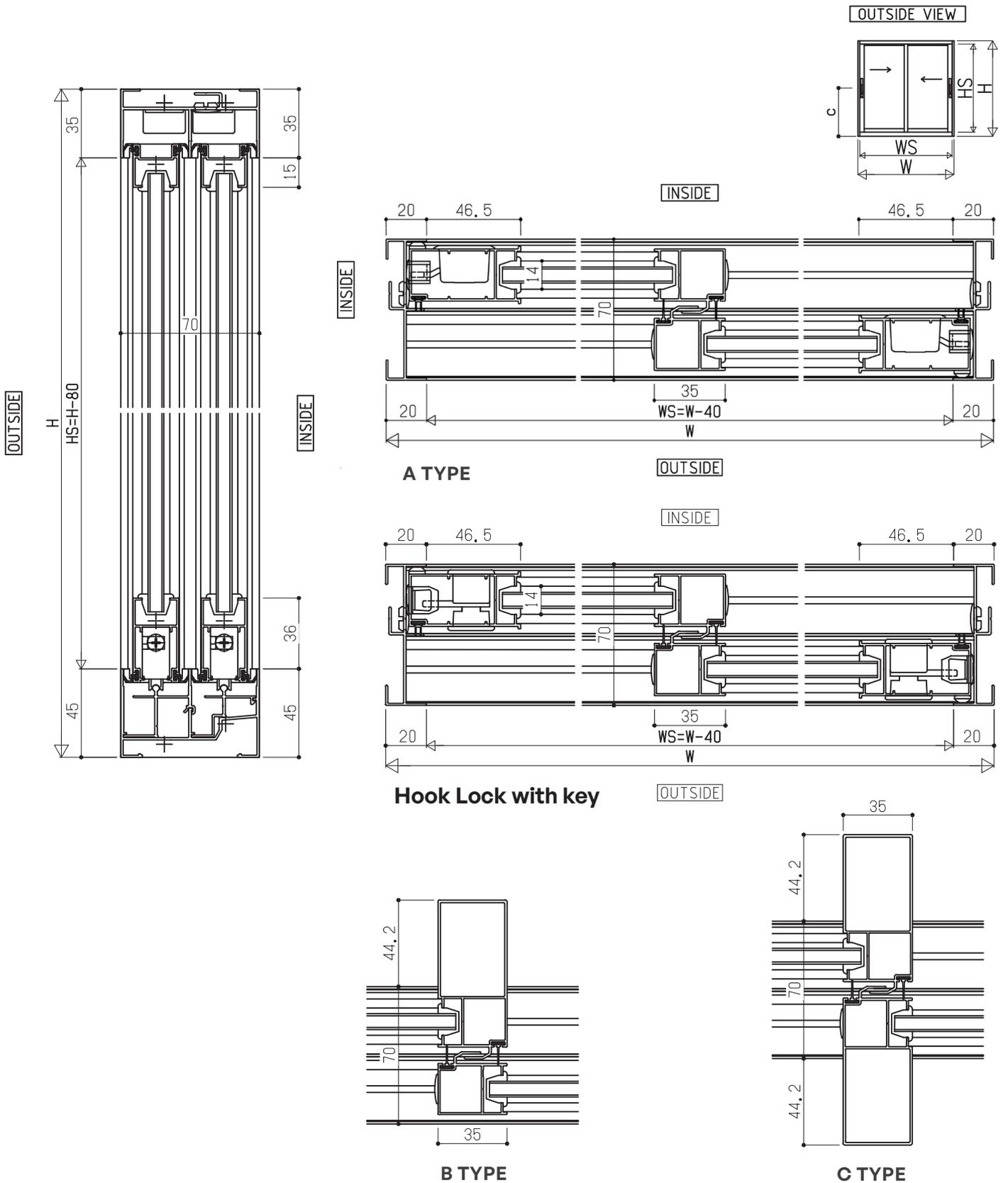
Juta Rp

| H (mm) \ W (mm) |      |         |         |         |          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |  |
|-----------------|------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
|                 | 600  | 601-700 | 701-800 | 801-900 | 901-1000 | 1001-1100 | 1101-1200 | 1201-1300 | 1301-1400 | 1401-1500 | 1501-1600 | 1601-1700 | 1701-1800 | 1801-1900 | 1901-2000 | 2001-2100 | 2101-2200 | 2201-2300 | 2301-2400 |  |
| 400             | 1,02 | 1,06    | 1,10    | 1,15    | 1,20     | 1,25      | 1,29      | 1,33      | 1,38      | 1,42      | 1,47      | 1,51      | 1,55      | 1,60      | 1,65      | 1,69      | 1,74      | 1,78      | 1,82      |  |
| 401 ~ 500       | 1,06 | 1,11    | 1,15    | 1,20    | 1,25     | 1,30      | 1,34      | 1,38      | 1,43      | 1,47      | 1,51      | 1,56      | 1,60      | 1,65      | 1,70      | 1,74      | 1,78      | 1,83      | 1,87      |  |
| 501 ~ 600       | 1,11 | 1,16    | 1,20    | 1,25    | 1,30     | 1,34      | 1,39      | 1,43      | 1,47      | 1,52      | 1,56      | 1,61      | 1,65      | 1,69      | 1,74      | 1,79      | 1,83      | 1,88      | 1,92      |  |
| 601 ~ 700       | 1,16 | 1,20    | 1,25    | 1,30    | 1,35     | 1,39      | 1,44      | 1,48      | 1,52      | 1,57      | 1,61      | 1,65      | 1,70      | 1,74      | 1,79      | 1,84      | 1,88      | 1,92      | 1,97      |  |
| 701 ~ 800       | 1,21 | 1,25    | 1,30    | 1,35    | 1,40     | 1,44      | 1,48      | 1,53      | 1,57      | 1,62      | 1,66      | 1,70      | 1,75      | 1,79      | 1,84      | 1,88      | 1,93      | 1,97      | 2,02      |  |
| 801 ~ 900       | 1,26 | 1,30    | 1,34    | 1,39    | 1,44     | 1,49      | 1,53      | 1,58      | 1,62      | 1,66      | 1,71      | 1,75      | 1,79      | 1,84      | 1,89      | 1,93      | 1,98      | 2,02      | 2,06      |  |
| 901 ~ 1.000     |      | 1,35    | 1,40    | 1,45    | 1,50     | 1,54      | 1,59      | 1,63      | 1,67      | 1,72      | 1,76      | 1,81      | 1,85      | 1,89      | 1,94      | 1,99      | 2,03      | 2,08      | 2,12      |  |
| 1.001 ~ 1.100   |      |         | 1,46    | 1,51    | 1,56     | 1,60      | 1,64      | 1,69      | 1,73      | 1,78      | 1,82      | 1,86      | 1,91      | 1,95      | 2,00      | 2,05      | 2,31      | 2,35      | 2,40      |  |
| 1.101 ~ 1.200   |      |         | 1,50    | 1,56    | 1,61     | 1,65      | 1,69      | 1,74      | 1,78      | 1,82      | 1,87      | 1,91      | 1,95      | 2,00      | 2,05      | 2,32      | 2,36      | 2,41      | 2,46      |  |
| 1.201 ~ 1.300   |      |         |         | 1,60    | 1,65     | 1,70      | 1,74      | 2,00      | 2,04      | 2,09      | 2,13      | 2,18      | 2,23      | 2,27      | 2,33      | 2,37      | 2,42      | 2,47      | 2,51      |  |
| 1.301 ~ 1.400   |      |         |         |         | 1,91     | 1,96      | 2,01      | 2,05      | 2,10      | 2,15      | 2,19      | 2,24      | 2,28      | 2,33      | 2,38      | 2,43      | 2,48      | 2,52      | 2,57      |  |
| 1.401 ~ 1.500   |      |         |         |         | 1,97     | 2,02      | 2,06      | 2,11      | 2,16      | 2,20      | 2,25      | 2,30      | 2,34      | 2,39      | 2,44      | 2,49      | 2,53      | 2,58      | 2,63      |  |
| 1.501 ~ 1.600   |      |         |         |         | 2,04     | 2,09      | 2,13      | 2,18      | 2,23      | 2,27      | 2,32      | 2,37      | 2,41      | 2,46      | 2,51      | 2,56      | 2,61      | 2,65      | 2,70      |  |
| 1.601 ~ 1.700   |      |         |         |         | 2,10     | 2,15      | 2,19      | 2,24      | 2,28      | 2,33      | 2,38      | 2,42      | 2,47      | 2,52      | 2,57      | 2,62      | 2,66      | 2,71      | 2,76      |  |
| 1.701 ~ 1.800   |      |         |         |         | 2,16     | 2,20      | 2,25      | 2,30      | 2,34      | 2,39      | 2,43      | 2,48      | 2,53      | 2,57      | 2,63      | 2,67      | 2,72      | 2,77      | 2,81      |  |
| 1.801 ~ 1.900   |      |         |         |         |          | 2,26      | 2,31      | 2,35      | 2,40      | 2,45      | 2,49      | 2,54      | 2,58      | 2,63      | 2,68      | 2,73      | 2,78      | 3,45      | 3,51      |  |
| 1.901 ~ 2.000   |      |         |         |         |          | 2,32      | 2,36      | 2,41      | 2,46      | 2,50      | 2,55      | 2,60      | 2,64      | 2,69      | 3,35      | 3,41      | 3,46      | 3,52      | 3,58      |  |
| 2.001 ~ 2.100   |      |         |         |         |          |           | 2,42      | 2,47      | 2,51      | 2,56      | 2,61      | 3,24      | 3,30      | 3,36      | 3,42      | 3,48      | 3,53      | 3,59      | 3,83      |  |
| 2.101 ~ 2.200   |      |         |         |         |          |           | 2,48      | 2,52      | 2,57      | 3,20      | 3,26      | 3,31      | 3,37      | 3,43      | 3,68      | 3,74      | 3,80      | 3,85      | 3,91      |  |
| 2.201 ~ 2.300   |      |         |         |         |          |           |           | 3,17      | 3,23      | 3,28      | 3,34      | 3,40      | 3,65      | 3,71      | 3,77      | 3,83      | 3,89      | 3,94      | 4,00      |  |
| 2.301 ~ 2.400   |      |         |         |         |          |           |           | 3,24      | 3,30      | 3,35      | 3,62      | 3,67      | 3,73      | 3,79      | 3,85      | 3,91      | 3,96      | 4,02      | 4,08      |  |
| 2.401 ~ 2.500   |      |         |         |         |          |           |           |           | 3,58      | 3,64      | 3,69      | 3,75      | 3,81      | 3,86      | 3,93      |           |           |           |           |  |

-  Stile A type
-  Stile B type
-  Stile C type

\* For the specifications with **Hook Lock**, 0.21 juta/set will be added to the price above  
 \* For the specifications **Hook Lock with key**, 0.53 juta/set will be added to the price above.  
 \*This price is not included glass, assembling fee, delivery fee and installation fee.





\* The stile type is automatically selected according to the size range.  
Please check the size limitation graph.

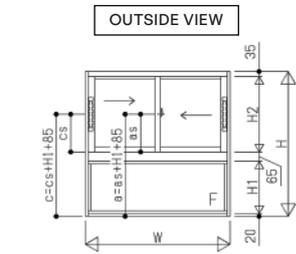
# SLIDING 2 LEAVES/FIX



## Performance

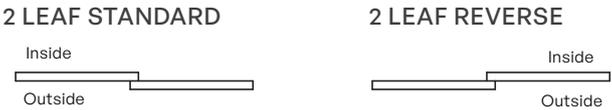
|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Standard Specifications

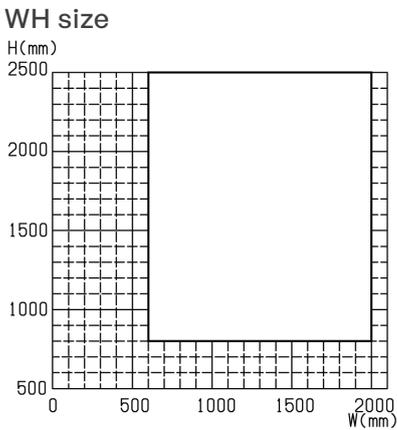


- Crescent Height :** as  
 - H2/2  
 - 600 as  
 - Custom
- Hook Lock Height :**  
 - H2/2  
 - 600  
 - Custom

## Variation



## Size Limitation



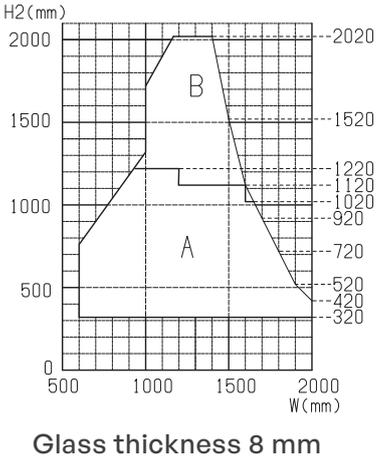
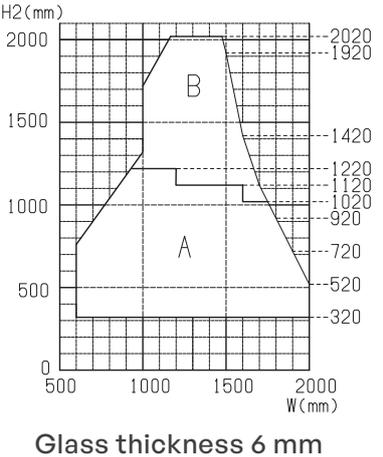
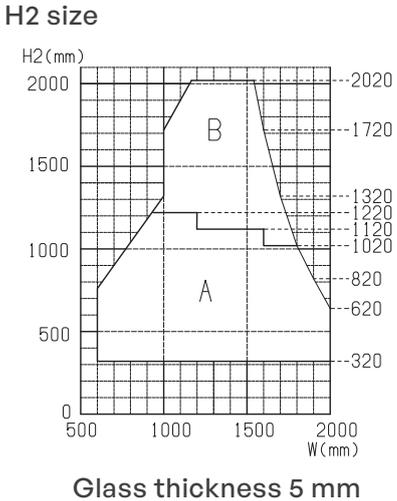
## Specifications

**Selected parts :**  
 Crescent, Hook Lock, Hook Lock with key

## Glass

|     | Glass Size                | Qty | Thickness |
|-----|---------------------------|-----|-----------|
| SL  | $(W/2-66) \times (H2-37)$ | 2   | 5,6,8     |
| FIX | $(W-62) \times (H1-22)$   | 1   | 5,6,8     |

## Size Limitation



# SLIDING 2 LEAVES/FIX

## PRICE LIST

1 See page **12** for the upper sliding window

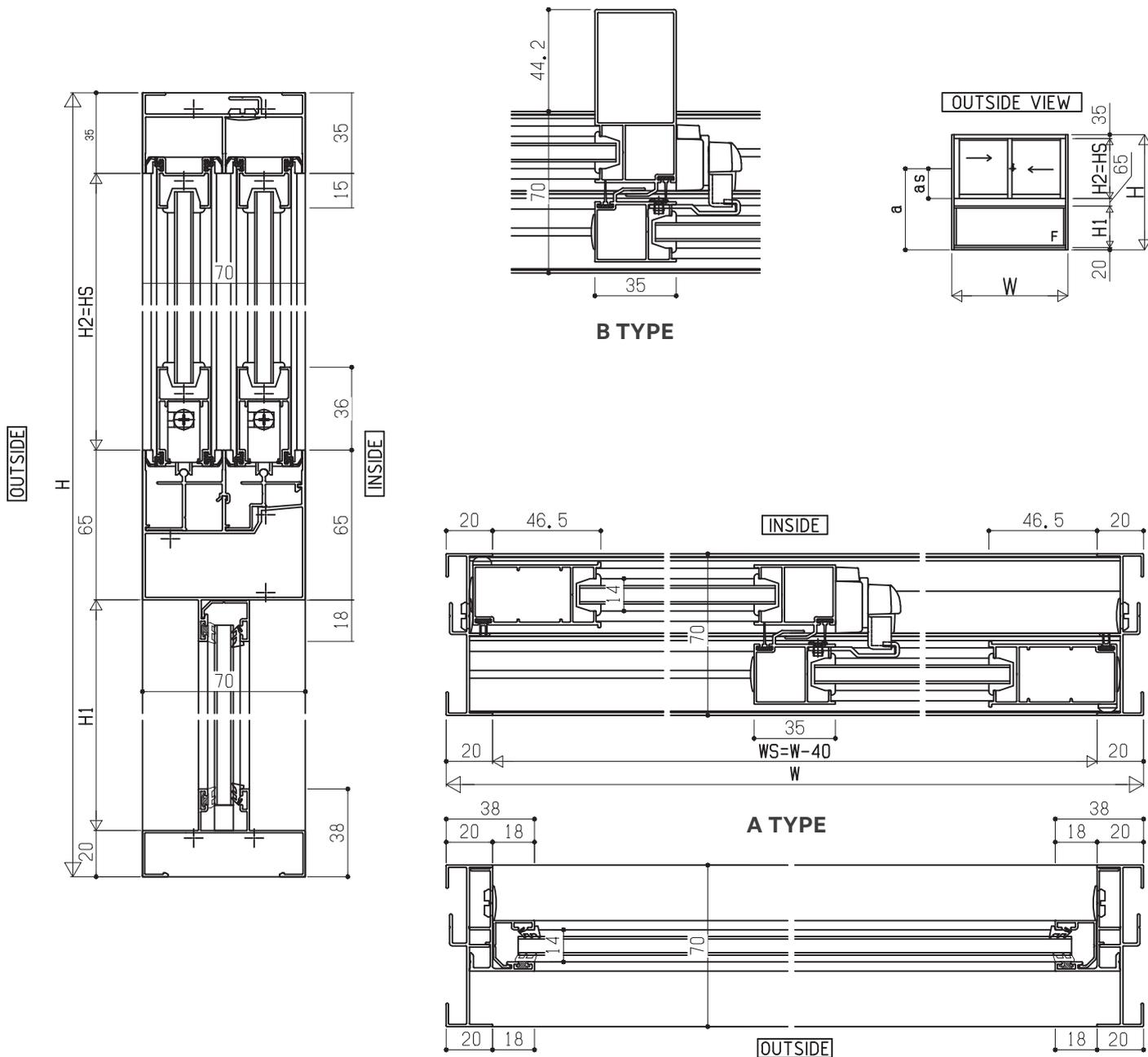
2 See the price list below for the lower FIX

Price :  +

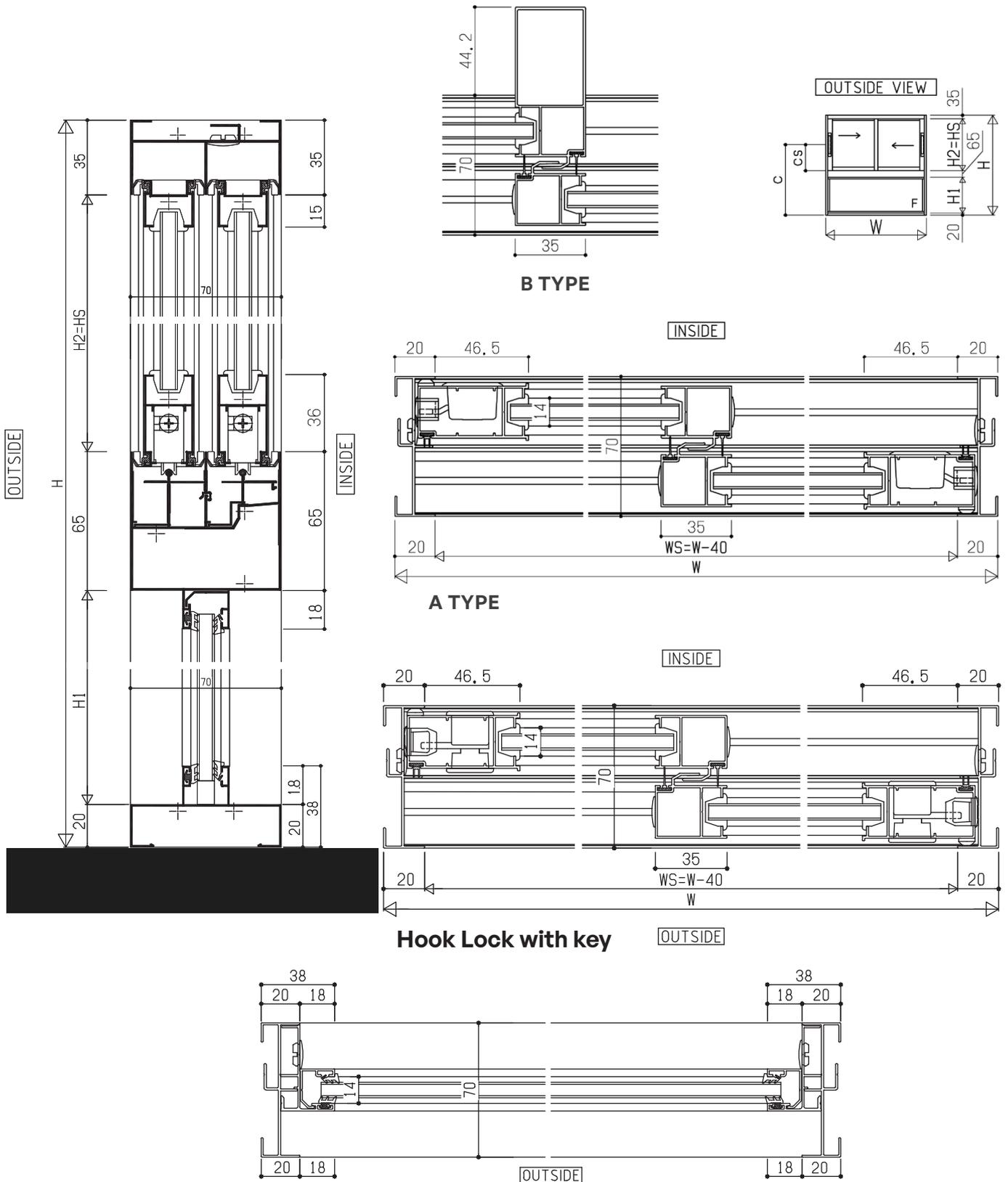
### FIX (Transom Price Included)

Juta Rp

| W (mm) |         | 600  | 601-700 | 701-800 | 801-900 | 901-1,000 | 1,001-1,100 | 1,101-1,200 | 1,201-1,300 | 1,301-1,400 | 1,401-1,500 | 1,501-1,600 | 1,601-1,700 | 1,701-1,800 | 1,801-1,900 | 1,901-2,000 |
|--------|---------|------|---------|---------|---------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| H (mm) |         |      |         |         |         |           |             |             |             |             |             |             |             |             |             |             |
|        | 300     | 0.42 | 0.44    | 0.46    | 0.48    | 0.51      | 0.53        | 0.55        | 0.57        | 0.59        | 0.61        | 0.63        | 0.65        | 0.67        | 0.69        | 0.71        |
| 301    | ~ 400   | 0.44 | 0.46    | 0.48    | 0.50    | 0.54      | 0.56        | 0.58        | 0.60        | 0.62        | 0.64        | 0.66        | 0.68        | 0.70        | 0.72        | 0.74        |
| 401    | ~ 500   | 0.47 | 0.49    | 0.51    | 0.53    | 0.56      | 0.58        | 0.60        | 0.62        | 0.64        | 0.66        | 0.68        | 0.70        | 0.72        | 0.74        | 0.76        |
| 501    | ~ 600   | 0.49 | 0.51    | 0.53    | 0.55    | 0.59      | 0.61        | 0.63        | 0.65        | 0.67        | 0.69        | 0.71        | 0.73        | 0.75        | 0.77        | 0.79        |
| 601    | ~ 700   | 0.51 | 0.53    | 0.55    | 0.57    | 0.61      | 0.63        | 0.65        | 0.67        | 0.69        | 0.71        | 0.73        | 0.75        | 0.77        | 0.79        | 0.81        |
| 701    | ~ 800   | 0.54 | 0.56    | 0.58    | 0.60    | 0.64      | 0.66        | 0.68        | 0.70        | 0.72        | 0.74        | 0.76        | 0.78        | 0.80        | 0.82        | 0.84        |
| 801    | ~ 900   | 0.57 | 0.59    | 0.61    | 0.63    | 0.66      | 0.68        | 0.70        | 0.72        | 0.74        | 0.76        | 0.78        | 0.80        | 0.82        | 0.84        | 0.86        |
| 901    | ~ 1,000 | 0.59 | 0.61    | 0.63    | 0.65    | 0.69      | 0.71        | 0.73        | 0.75        | 0.77        | 0.79        | 0.81        | 0.83        | 0.85        | 0.87        | 0.89        |
| 1,001  | ~ 1,100 | 0.62 | 0.64    | 0.66    | 0.68    | 0.71      | 0.73        | 0.75        | 0.77        | 0.79        | 0.81        | 0.83        | 0.85        | 0.87        | 0.89        | 0.91        |
| 1,101  | ~ 1,200 | 0.64 | 0.66    | 0.68    | 0.70    | 0.74      | 0.76        | 0.78        | 0.80        | 0.82        | 0.84        | 0.86        | 0.88        | 0.90        | 0.92        | 0.94        |
| 1,201  | ~ 1,300 | 0.66 | 0.68    | 0.70    | 0.72    | 0.76      | 0.78        | 0.80        | 0.82        | 0.84        | 0.86        | 0.88        | 0.90        | 0.92        | 0.94        | 0.96        |
| 1,301  | ~ 1,400 | 0.69 | 0.71    | 0.73    | 0.75    | 0.79      | 0.81        | 0.83        | 0.85        | 0.87        | 0.89        | 0.91        | 0.93        | 0.95        | 0.97        | 0.99        |
| 1,401  | ~ 1,500 | 0.72 | 0.74    | 0.76    | 0.78    | 0.81      | 0.83        | 0.85        | 0.87        | 0.89        | 0.91        | 0.93        | 0.95        | 0.97        | 0.99        | 1.01        |
| 1,501  | ~ 1,600 | 0.74 | 0.76    | 0.78    | 0.80    | 0.84      | 0.86        | 0.88        | 0.90        | 0.92        | 0.94        | 0.96        | 0.98        | 1.00        | 1.02        | 1.04        |
| 1,601  | ~ 1,700 | 0.77 | 0.79    | 0.81    | 0.82    | 0.86      | 0.88        | 0.90        | 0.92        | 0.94        | 0.96        | 0.98        | 1.00        | 1.02        | 1.04        | 1.06        |
| 1,701  | ~ 1,800 | 0.79 | 0.81    | 0.83    | 0.85    | 0.89      | 0.91        | 0.93        | 0.95        | 0.97        | 0.99        | 1.01        | 1.03        | 1.05        | 1.07        | 1.09        |
| 1,801  | ~ 1,900 | 0.82 | 0.84    | 0.86    | 0.88    | 0.91      | 0.93        | 0.95        | 0.97        | 0.99        | 1.01        | 1.03        | 1.05        | 1.07        | 1.09        | 1.11        |
| 1,901  | ~ 2,000 | 0.84 | 0.86    | 0.88    | 0.90    | 0.94      | 0.96        | 0.98        | 1.00        | 1.02        | 1.04        | 1.06        | 1.08        | 1.10        | 1.12        | 1.14        |
| 2,001  | ~ 2,100 | 0.87 | 0.89    | 0.91    | 0.93    | 0.96      | 0.98        | 1.00        | 1.02        | 1.04        | 1.06        | 1.08        | 1.10        | 1.12        | 1.14        | 1.16        |
| 2,101  | ~ 2,200 | 0.89 | 0.91    | 0.93    | 0.95    | 0.99      | 1.01        | 1.03        | 1.05        | 1.07        | 1.09        | 1.11        | 1.13        | 1.15        | 1.17        | 1.19        |
| 2,201  | ~ 2,300 | 0.92 | 0.94    | 0.96    | 0.97    | 1.01      | 1.03        | 1.05        | 1.07        | 1.09        | 1.11        | 1.13        | 1.15        | 1.17        | 1.19        | 1.21        |
| 2,301  | ~ 2,400 | 0.94 | 0.96    | 0.98    | 1.00    | 1.04      | 1.06        | 1.08        | 1.10        | 1.12        | 1.14        | 1.16        | 1.18        | 1.20        | 1.22        | 1.24        |
| 2,401  | ~ 2,500 | 0.97 | 0.99    | 1.01    | 1.03    | 1.06      | 1.08        | 1.10        | 1.12        | 1.14        | 1.16        | 1.18        | 1.20        | 1.22        | 1.24        | 1.26        |
| 2,501  | ~ 2,600 | 0.99 | 1.01    | 1.03    | 1.05    | 1.09      | 1.11        | 1.13        | 1.15        | 1.17        | 1.19        | 1.21        | 1.23        | 1.25        | 1.27        | 1.29        |



\* The stile type is automatically selected according to the size range.  
Please check the size limitation graph.



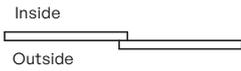
\* The stile type is automatically selected according to the size range.  
Please check the size limitation graph.

# FIX/SLIDING 2 LEAVES

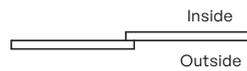


## Variation

### 2 LEAF STANDARD

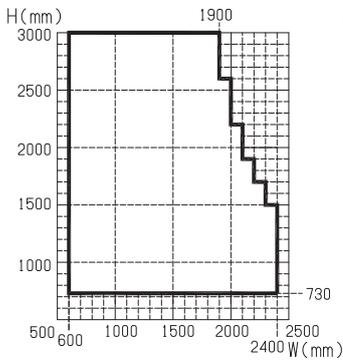


### 2 LEAF REVERSE

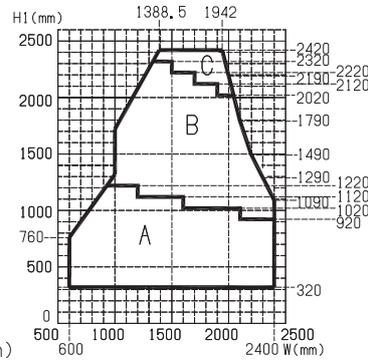


## Size Limitation

### WH size

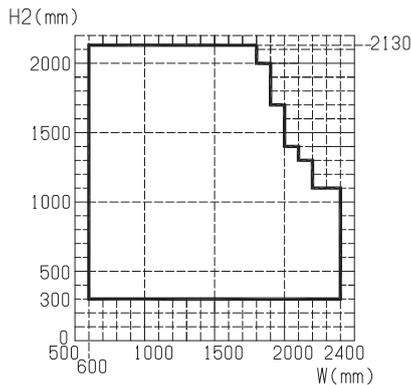


### H1 size

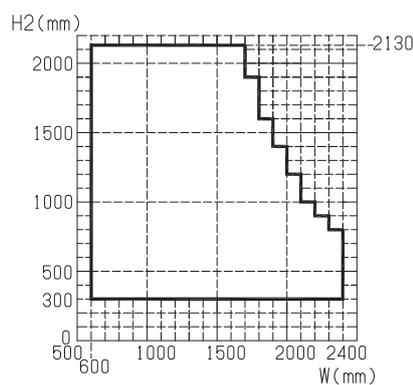


## Size Limitation

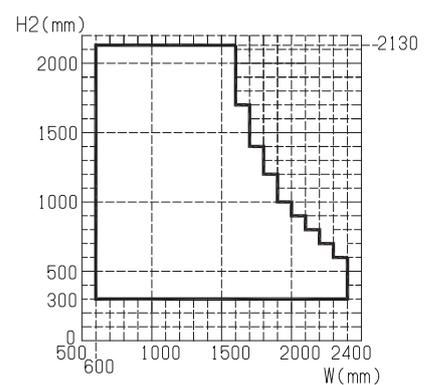
### H2 size



Glass thickness 5 mm



Glass thickness 6 mm

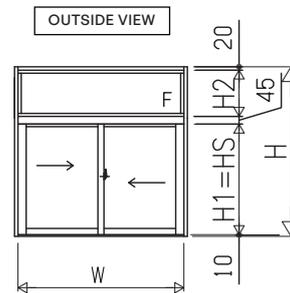


Glass thickness 8 mm

## Performance

|                        |         |
|------------------------|---------|
| Structural (Wind Load) | 1200 Pa |
| Water Tightness        | 200 Pa  |
| Sound Insulation       | -25 dB  |

## Standard Specification



### Crescent Height : as

- H1/2
- 600
- Custom

### Hook Lock Height : c

- H1/2
- 600
- Custom

## Specifications

### Selected parts :

Crescent, Hook Lock, Hook Lock with key

## Glass

|     | Glass Size                | Qty | Thickness |
|-----|---------------------------|-----|-----------|
| SL  | $(W/2-66) \times (H1-37)$ | 2   | 5,6,8     |
| FIX | $(W-62) \times (H2-22)$   | 1   | 5,6,8     |

# FIX/SLIDING 2 LEAVES

## PRICE LIST

1 See the price list below for the upper FIX

2 See page **12** for the lower Sliding window

Price :  +

### FIX (Transom Price Included)

Juta Rp

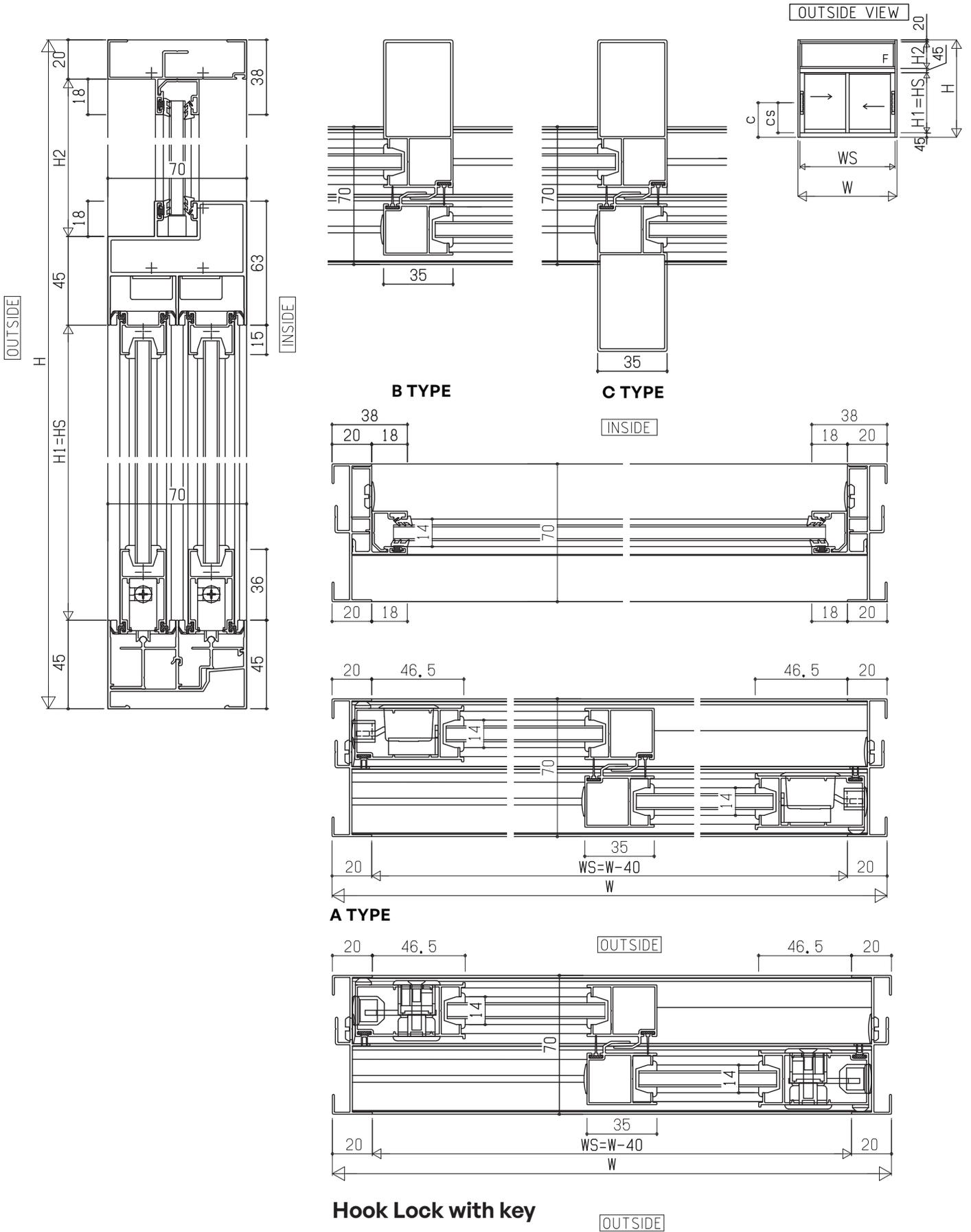
| H (mm) | W (mm)  |      |         |         |         |           |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|--------|---------|------|---------|---------|---------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|        |         | 600  | 601-700 | 701-800 | 801-900 | 901-1,000 | 1,001-1,100 | 1,101-1,200 | 1,201-1,300 | 1,301-1,400 | 1,401-1,500 | 1,501-1,600 | 1,601-1,700 | 1,701-1,800 | 1,801-1,900 | 1,901-2,000 | 2,001-2,100 | 2,101-2,200 | 2,201-2,300 | 2,301-2,400 |
| 301    | ~ 300   | 0.43 | 0.45    | 0.47    | 0.50    | 0.52      | 0.54        | 0.57        | 0.59        | 0.62        | 0.64        | 0.66        | 0.69        | 0.71        | 0.73        | 0.76        | 0.78        | 0.80        | 0.83        | 0.85        |
| 401    | ~ 400   | 0.45 | 0.47    | 0.50    | 0.52    | 0.55      | 0.57        | 0.59        | 0.62        | 0.64        | 0.66        | 0.69        | 0.71        | 0.74        | 0.76        | 0.78        | 0.81        | 0.83        | 0.85        | 0.88        |
| 501    | ~ 500   | 0.48 | 0.50    | 0.52    | 0.55    | 0.57      | 0.59        | 0.62        | 0.64        | 0.67        | 0.69        | 0.71        | 0.74        | 0.76        | 0.79        | 0.81        | 0.83        | 0.86        | 0.88        | 0.90        |
| 601    | ~ 600   | 0.50 | 0.52    | 0.55    | 0.57    | 0.59      | 0.62        | 0.64        | 0.67        | 0.69        | 0.71        | 0.74        | 0.76        | 0.79        | 0.81        | 0.83        | 0.86        | 0.88        | 0.90        | 0.93        |
| 701    | ~ 700   | 0.52 | 0.55    | 0.57    | 0.60    | 0.62      | 0.64        | 0.67        | 0.69        | 0.72        | 0.74        | 0.76        | 0.79        | 0.81        | 0.83        | 0.86        | 0.88        | 0.90        | 0.93        | 0.95        |
| 801    | ~ 800   | 0.55 | 0.57    | 0.60    | 0.62    | 0.64      | 0.67        | 0.69        | 0.72        | 0.74        | 0.76        | 0.79        | 0.81        | 0.83        | 0.86        | 0.88        | 0.90        | 0.93        | 0.95        | 0.98        |
| 901    | ~ 900   | 0.58 | 0.60    | 0.62    | 0.65    | 0.67      | 0.69        | 0.72        | 0.74        | 0.77        | 0.79        | 0.81        | 0.84        | 0.86        | 0.88        | 0.91        | 0.93        | 0.96        | 0.98        | 1.00        |
| 1,001  | ~ 1,000 | 0.60 | 0.62    | 0.65    | 0.67    | 0.70      | 0.72        | 0.74        | 0.77        | 0.79        | 0.81        | 0.84        | 0.86        | 0.89        | 0.91        | 0.93        | 0.96        | 0.98        | 1.00        | 1.03        |
| 1,101  | ~ 1,100 | 0.63 | 0.65    | 0.67    | 0.70    | 0.72      | 0.74        | 0.77        | 0.79        | 0.82        | 0.84        | 0.86        | 0.89        | 0.91        | 0.93        | 0.96        | 0.98        | 1.00        | 1.03        | 1.05        |
| 1,201  | ~ 1,200 | 0.65 | 0.67    | 0.70    | 0.72    | 0.74      | 0.77        | 0.79        | 0.82        | 0.84        | 0.86        | 0.89        | 0.91        | 0.94        | 0.96        | 0.98        | 1.00        | 1.03        |             |             |
| 1,301  | ~ 1,300 | 0.67 | 0.70    | 0.72    | 0.75    | 0.77      | 0.79        | 0.82        | 0.84        | 0.87        | 0.89        | 0.91        | 0.94        | 0.96        | 0.98        | 1.01        | 1.03        | 1.05        |             |             |
| 1,401  | ~ 1,400 | 0.70 | 0.72    | 0.75    | 0.77    | 0.80      | 0.82        | 0.84        | 0.87        | 0.89        | 0.91        | 0.94        | 0.96        | 0.99        | 1.01        | 1.03        | 1.06        |             |             |             |
| 1,501  | ~ 1,500 | 0.73 | 0.75    | 0.77    | 0.80    | 0.82      | 0.84        | 0.87        | 0.89        | 0.92        | 0.94        | 0.96        | 0.99        | 1.01        | 1.03        | 1.06        |             |             |             |             |
| 1,601  | ~ 1,600 | 0.75 | 0.77    | 0.80    | 0.82    | 0.85      | 0.87        | 0.89        | 0.92        | 0.94        | 0.96        | 0.99        | 1.01        | 1.04        | 1.06        | 1.08        |             |             |             |             |
| 1,701  | ~ 1,700 | 0.77 | 0.80    | 0.82    | 0.85    | 0.87      | 0.89        | 0.92        | 0.94        | 0.97        | 0.99        | 1.01        | 1.04        | 1.06        | 1.08        | 1.11        |             |             |             |             |
| 1,801  | ~ 1,800 | 0.80 | 0.82    | 0.85    | 0.87    | 0.89      | 0.92        | 0.94        | 0.97        | 0.99        | 1.01        | 1.04        | 1.06        | 1.09        | 1.11        |             |             |             |             |             |
| 1,901  | ~ 1,900 | 0.83 | 0.85    | 0.87    | 0.90    | 0.92      | 0.94        | 0.97        | 0.99        | 1.02        | 1.04        | 1.06        | 1.09        | 1.11        | 1.13        |             |             |             |             |             |
| 2,001  | ~ 2,000 | 0.85 | 0.87    | 0.90    | 0.92    | 0.95      | 0.97        | 0.99        | 1.02        | 1.04        | 1.06        | 1.09        | 1.11        | 1.14        | 1.16        |             |             |             |             |             |
| 2,101  | ~ 2,100 | 0.88 | 0.90    | 0.92    | 0.95    | 0.97      | 0.99        | 1.02        | 1.04        | 1.07        | 1.09        | 1.11        | 1.14        | 1.16        |             |             |             |             |             |             |
| 2,201  | ~ 2,200 | 0.90 | 0.92    | 0.95    | 0.97    | 1.00      | 1.02        | 1.04        | 1.07        | 1.09        | 1.11        | 1.14        | 1.16        | 1.19        |             |             |             |             |             |             |



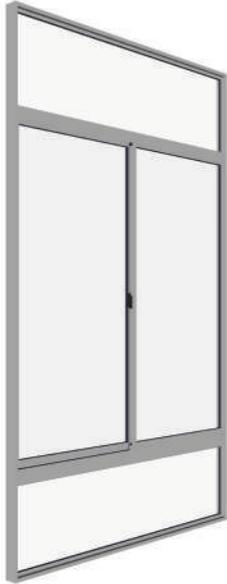
# FIX/SLIDING 2 LEAVES

## SYSTEM DRAWING

# HOOK LOCK



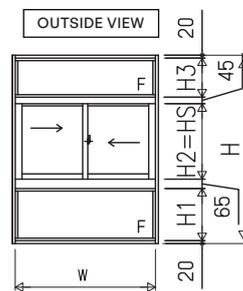
# FIX/SLIDING 2 LEAVES/FIX



## Performance

|                        |         |
|------------------------|---------|
| Structural (Wind Load) | 1200 Pa |
| Water Tightness        | 200 Pa  |
| Sound Insulation       | -25 dB  |

## Standard Specification



**Crescent Height :** as

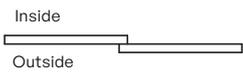
- H2/2
- 600
- Custom

**Hook Lock Height :** c

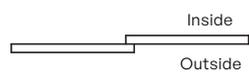
- H2/2
- 600
- Custom

## Variation

### 2 LEAF STANDARD

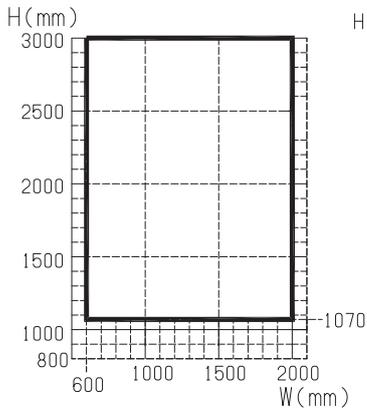


### 2 LEAF REVERSE

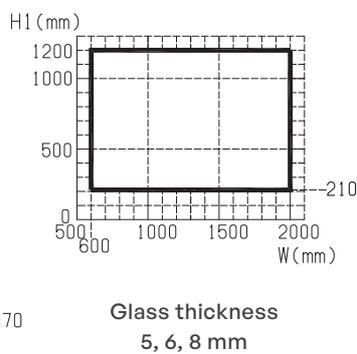


## Size Limitation

### WH size



### H1 size



## Specifications

### Selected parts :

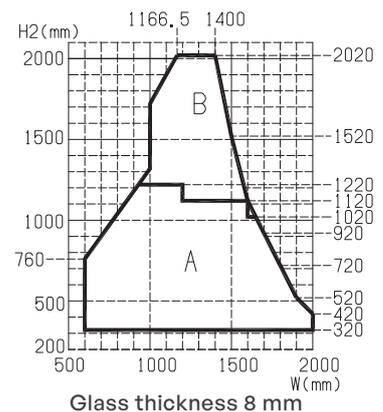
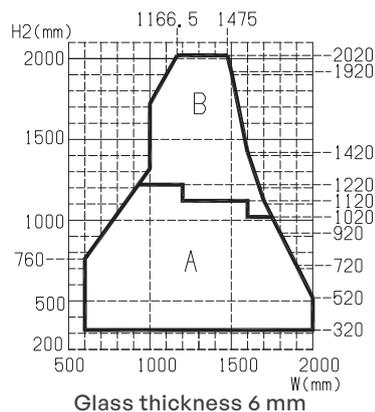
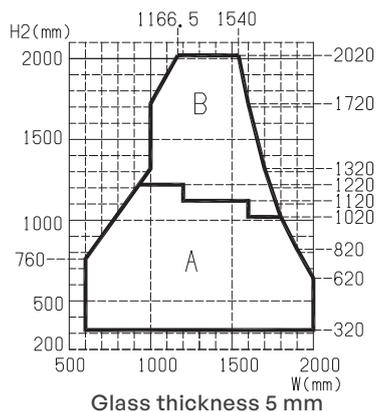
Crescent, Hook Lock, Hook Lock with key

## Glass

|      | Glass Size                | Qty | Thickness |
|------|---------------------------|-----|-----------|
| SL   | $(W/2-66) \times (H2-37)$ | 2   | 5,6,8     |
| FIX1 | $(W-62) \times (H1-22)$   | 1   | 5,6,8     |
| FIX2 | $(W-62) \times (H2-22)$   | 1   | 5,6,8     |

## Size Limitation

### H2 size

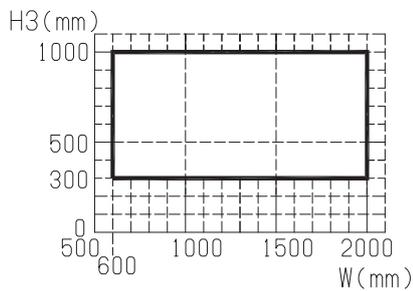


# FIX/SLIDING 2 LEAVES/FIX

## SIZE LIMITATION & PRICE LIST

### Size Limitation

#### H3 size



Glass thickness 5, 6, 8 mm

### Price List

1 See the price list below for the upper FIX

2 See page **12** for the middle Sliding

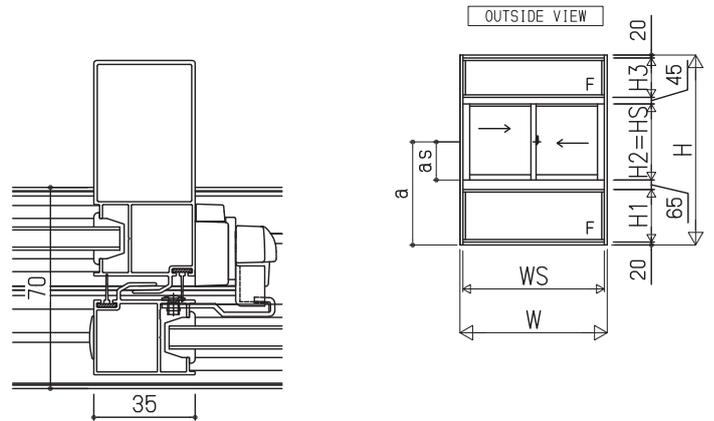
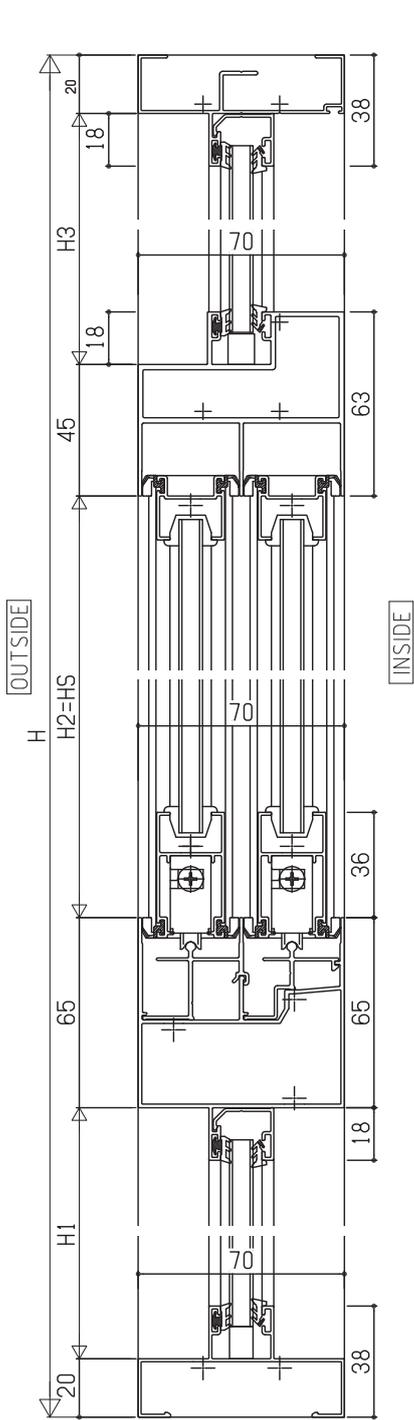
3 See the price list below for the lower FIX

Price : 1 + 2 + 3

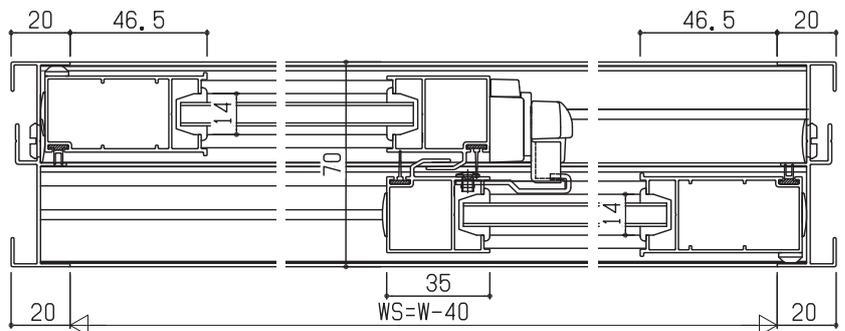
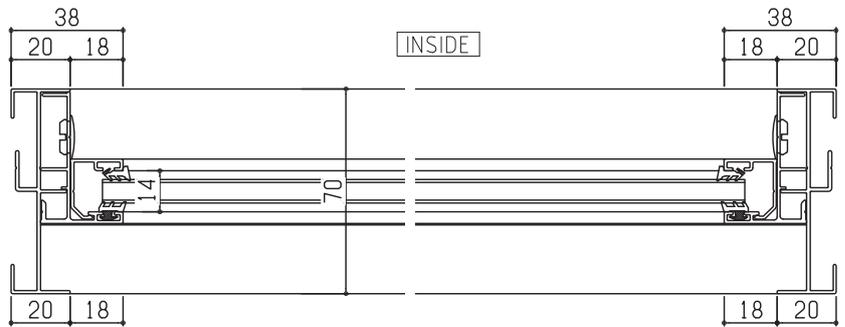
### FIX (Transom Price Included)

Juta Rp

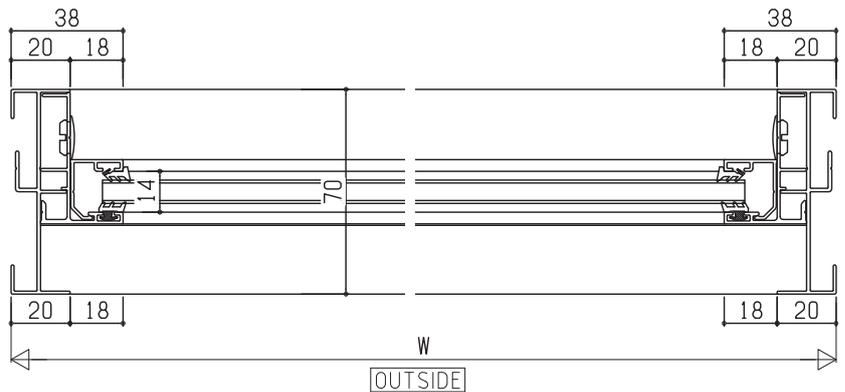
| W (mm) \ H (mm) |   | W (mm)  |         |         |         |           |             |             |             |             |             |             |             |             |             |             |
|-----------------|---|---------|---------|---------|---------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                 |   | 501-600 | 601-700 | 701-800 | 801-900 | 901-1,000 | 1,001-1,100 | 1,101-1,200 | 1,201-1,300 | 1,301-1,400 | 1,401-1,500 | 1,501-1,600 | 1,601-1,700 | 1,701-1,800 | 1,801-1,900 | 1,901-2,000 |
| 300             | ~ | 0.54    | 0.56    | 0.58    | 0.60    | 0.64      | 0.66        | 0.68        | 0.70        | 0.72        | 0.74        | 0.76        | 0.78        | 0.81        | 0.83        | 0.85        |
| 301             | ~ | 0.56    | 0.58    | 0.60    | 0.63    | 0.66      | 0.68        | 0.71        | 0.73        | 0.75        | 0.77        | 0.79        | 0.81        | 0.83        | 0.85        | 0.87        |
| 401             | ~ | 0.59    | 0.61    | 0.63    | 0.65    | 0.69      | 0.71        | 0.73        | 0.75        | 0.77        | 0.79        | 0.81        | 0.83        | 0.85        | 0.88        | 0.90        |
| 501             | ~ | 0.61    | 0.63    | 0.65    | 0.67    | 0.71      | 0.73        | 0.76        | 0.78        | 0.80        | 0.82        | 0.84        | 0.86        | 0.88        | 0.90        | 0.92        |
| 601             | ~ | 0.64    | 0.66    | 0.68    | 0.70    | 0.74      | 0.76        | 0.78        | 0.80        | 0.82        | 0.84        | 0.86        | 0.88        | 0.90        | 0.92        | 0.94        |
| 701             | ~ | 0.66    | 0.68    | 0.70    | 0.72    | 0.76      | 0.78        | 0.80        | 0.83        | 0.85        | 0.87        | 0.89        | 0.91        | 0.93        | 0.95        | 0.97        |
| 801             | ~ | 0.69    | 0.71    | 0.73    | 0.75    | 0.79      | 0.81        | 0.83        | 0.85        | 0.87        | 0.89        | 0.91        | 0.93        | 0.96        | 0.98        | 1.00        |
| 901             | ~ | 0.71    | 0.73    | 0.75    | 0.78    | 0.81      | 0.83        | 0.86        | 0.88        | 0.90        | 0.92        | 0.94        | 0.96        | 0.98        | 1.00        | 1.02        |
| 1,001           | ~ | 0.74    | 0.76    | 0.78    | 0.80    | 0.84      | 0.86        | 0.88        | 0.90        | 0.92        | 0.94        | 0.96        | 0.98        | 1.00        | 1.03        | 1.05        |
| 1,101           | ~ | 0.76    | 0.78    | 0.80    | 0.82    | 0.86      | 0.88        | 0.91        | 0.93        | 0.95        | 0.97        | 0.99        | 1.01        | 1.03        | 1.05        | 1.07        |



**B TYPE**



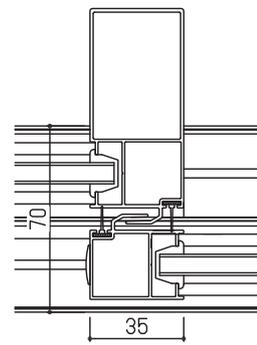
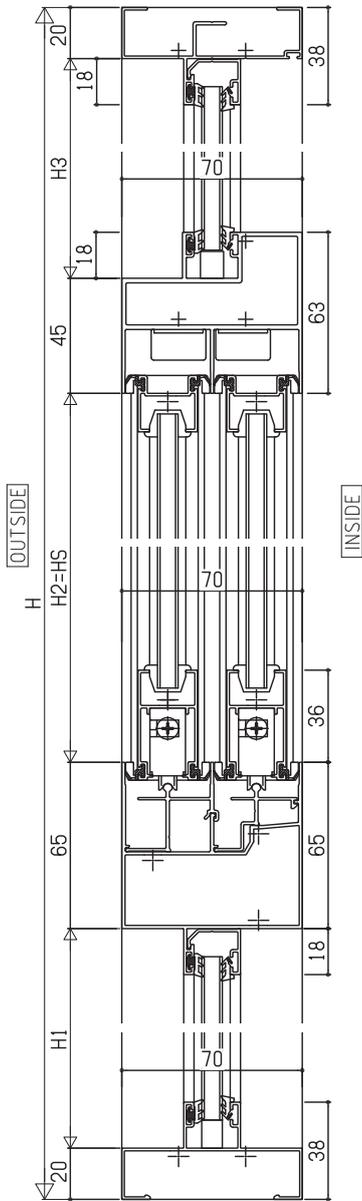
**TYPE A**



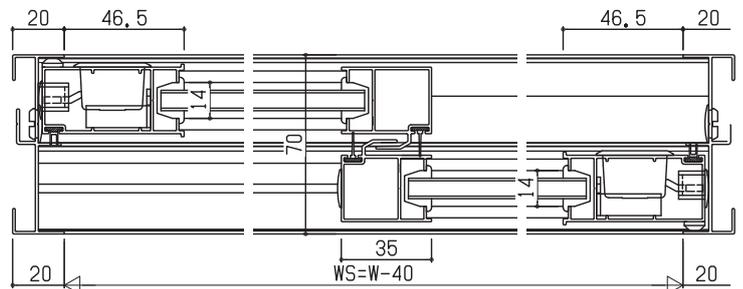
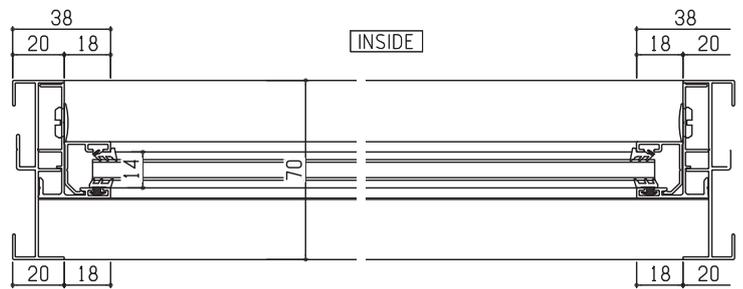
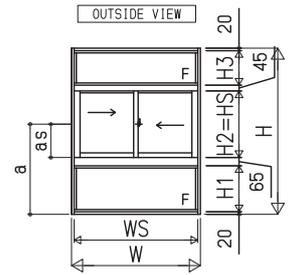
# FIX/SLIDING 2 LEAVES/FIX

## SYSTEM DRAWING

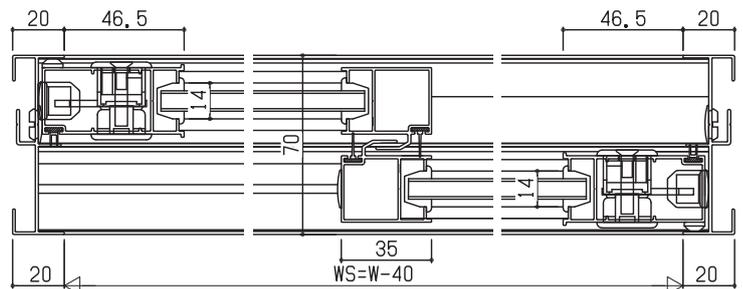
# HOOK LOCK



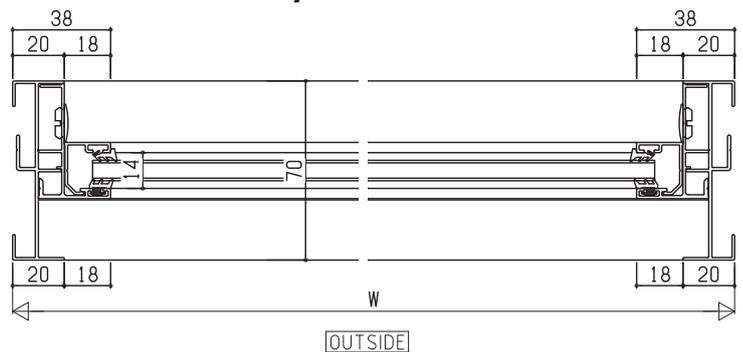
**B TYPE**



**A TYPE**



### Hook Lock with key



# SLIDING 4 LEAVES

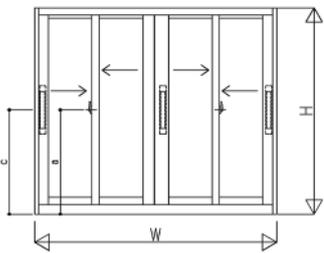


## Performance

|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Standard Specifications

OUTSIDE VIEW



**Crescent Height : a**

- H/2+5
- 645
- Custom

**Hook Lock Height : a**

- H/2+5
- 645
- Custom

## Specifications

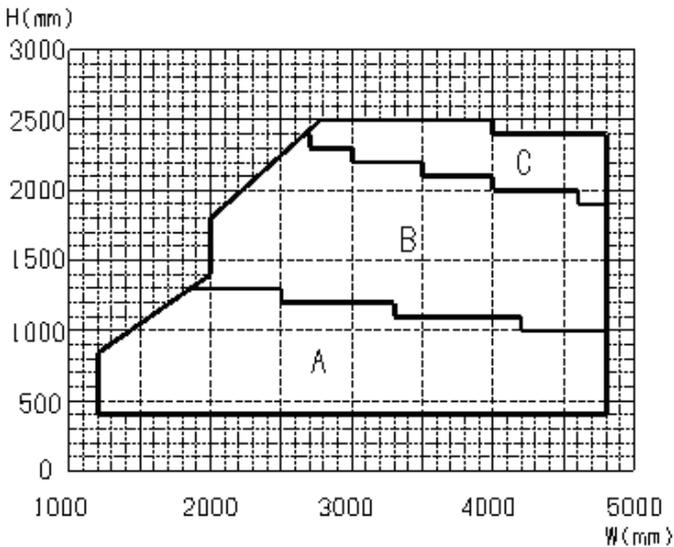
**Selected parts :**

Crescent, Hook Lock, Hook Lock with key

## Glass

| Glass Size                | Qty | Thickness |
|---------------------------|-----|-----------|
| $(W/4-64) \times (H-117)$ | 4   | 5,6,8     |

## Size Limitation



SEE SYSTEM DRAWING (P21, 22) FOR A, B, C

# SLIDING 4 LEAVES

## PRICE LIST

### CRESCENT

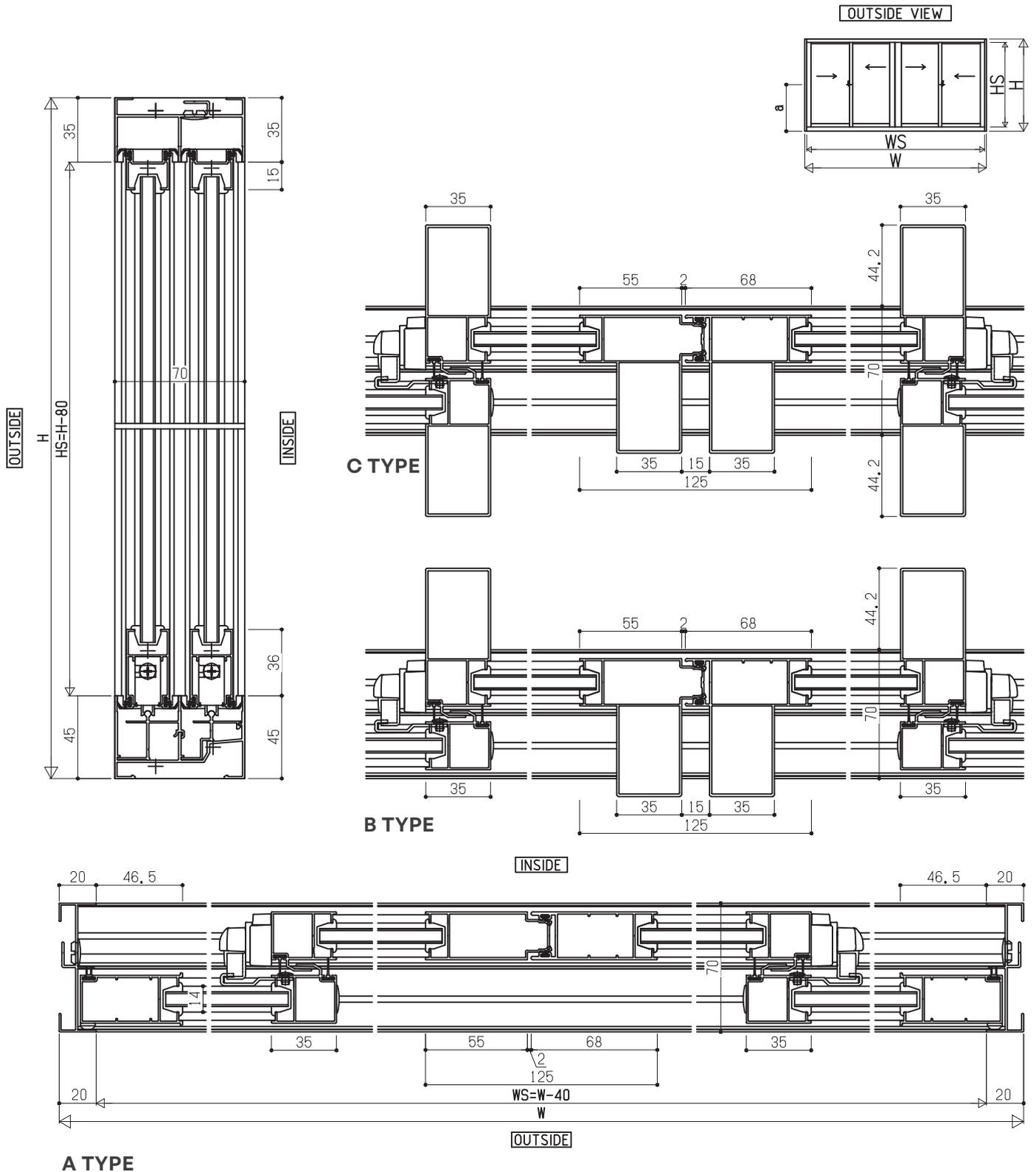
Juta Rp

| H (mm) \ W (mm) | W (mm) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|-----------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|                 | 1.200  | 1.300 | 1.400 | 1.500 | 1.600 | 1.700 | 1.800 | 1.900 | 2.000 | 2.100 | 2.200 | 2.300 | 2.400 | 2.500 | 2.600 | 2.700 | 2.800 | 2.900 | 3.000 |  |
| 401 ~ 500       | 1,80   | 1,84  | 1,89  | 1,93  | 1,97  | 2,02  | 2,06  | 2,11  | 2,16  | 2,21  | 2,25  | 2,29  | 2,34  | 2,38  | 2,42  | 2,47  | 2,51  | 2,56  | 2,61  |  |
| 501 ~ 600       | 1,89   | 1,93  | 1,97  | 2,02  | 2,06  | 2,10  | 2,15  | 2,19  | 2,25  | 2,29  | 2,34  | 2,38  | 2,42  | 2,47  | 2,51  | 2,55  | 2,60  | 2,64  | 2,69  |  |
| 601 ~ 700       | 1,97   | 2,02  | 2,06  | 2,10  | 2,15  | 2,19  | 2,23  | 2,28  | 2,34  | 2,38  | 2,42  | 2,47  | 2,51  | 2,55  | 2,60  | 2,64  | 2,69  | 2,73  | 2,78  |  |
| 701 ~ 800       | 2,06   | 2,10  | 2,15  | 2,19  | 2,23  | 2,28  | 2,32  | 2,37  | 2,42  | 2,47  | 2,51  | 2,55  | 2,60  | 2,64  | 2,68  | 2,73  | 2,77  | 2,82  | 2,87  |  |
| 801 ~ 900       | 2,14   | 2,19  | 2,23  | 2,28  | 2,32  | 2,36  | 2,41  | 2,45  | 2,51  | 2,55  | 2,60  | 2,64  | 2,68  | 2,73  | 2,77  | 2,81  | 2,86  | 2,90  | 2,95  |  |
| 901 ~ 1.000     | 2,23   | 2,28  | 2,32  | 2,36  | 2,41  | 2,45  | 2,49  | 2,54  | 2,60  | 2,64  | 2,68  | 2,73  | 2,78  | 2,82  | 2,86  | 2,91  | 2,95  | 3,00  | 3,04  |  |
| 1.001 ~ 1.100   |        |       | 2,41  | 2,46  | 2,50  | 2,54  | 2,59  | 2,63  | 2,69  | 2,73  | 2,78  | 2,83  | 2,87  | 2,92  | 2,96  | 3,00  | 3,05  | 3,09  | 3,13  |  |
| 1.101 ~ 1.200   |        |       |       | 2,55  | 2,60  | 2,64  | 2,68  | 2,73  | 2,78  | 2,83  | 2,87  | 2,92  | 2,96  | 3,00  | 3,05  | 3,09  | 3,13  | 3,18  | 3,22  |  |
| 1.201 ~ 1.300   |        |       |       |       | 2,68  | 2,73  | 2,77  | 2,82  | 2,87  | 2,92  | 2,96  | 3,00  | 3,05  | 3,09  | 3,13  | 3,18  | 3,22  | 3,27  | 3,32  |  |
| 1.301 ~ 1.400   |        |       |       |       |       | 2,86  | 2,90  | 2,96  | 3,00  | 3,05  | 3,09  | 3,13  | 3,18  | 3,22  | 3,27  | 3,32  | 3,37  | 3,42  | 3,47  |  |
| 1.401 ~ 1.500   |        |       |       |       |       |       | 3,59  | 3,65  | 3,70  | 3,74  | 3,79  | 3,84  | 3,88  | 3,93  | 3,98  | 4,02  | 4,07  | 4,12  | 4,17  |  |
| 1.501 ~ 1.600   |        |       |       |       |       |       |       |       | 3,81  | 3,86  | 3,91  | 3,95  | 4,00  | 4,05  | 4,09  | 4,14  | 4,19  | 4,24  | 4,29  |  |
| 1.601 ~ 1.700   |        |       |       |       |       |       |       |       | 3,94  | 3,99  | 4,04  | 4,08  | 4,13  | 4,18  | 4,22  | 4,27  | 4,31  | 4,37  | 4,41  |  |
| 1.701 ~ 1.800   |        |       |       |       |       |       |       |       | 4,06  | 4,10  | 4,15  | 4,20  | 4,24  | 4,29  | 4,34  | 4,38  | 4,43  | 4,48  | 4,53  |  |
| 1.801 ~ 1.900   |        |       |       |       |       |       |       |       | 4,17  | 4,22  | 4,27  | 4,31  | 4,36  | 4,41  | 4,45  | 4,50  | 4,55  | 4,60  | 4,65  |  |
| 1.901 ~ 2.000   |        |       |       |       |       |       |       |       | 4,29  | 4,34  | 4,38  | 4,43  | 4,48  | 4,52  | 4,57  | 4,61  | 4,66  | 4,71  | 4,76  |  |
| 2.001 ~ 2.100   |        |       |       |       |       |       |       |       |       | 4,45  | 4,50  | 4,54  | 4,59  | 4,64  | 4,68  | 4,73  | 4,78  | 4,83  | 4,88  |  |
| 2.101 ~ 2.200   |        |       |       |       |       |       |       |       |       |       | 4,61  | 4,66  | 4,71  | 4,75  | 4,80  | 4,85  | 4,89  | 4,95  | 4,99  |  |
| 2.201 ~ 2.300   |        |       |       |       |       |       |       |       |       |       |       | 4,78  | 4,82  | 4,87  | 4,91  | 4,96  | 5,01  | 5,06  | 5,11  |  |
| 2.301 ~ 2.400   |        |       |       |       |       |       |       |       |       |       |       |       | 6,05  | 6,10  | 6,16  | 6,22  | 6,27  | 6,33  | 6,38  |  |
| 2.401 ~ 2.500   |        |       |       |       |       |       |       |       |       |       |       |       |       | 6,25  | 6,30  | 6,37  | 6,43  | 6,49  | 6,55  |  |
|                 |        |       |       |       |       |       |       |       |       |       |       |       |       |       | 6,87  | 6,93  | 6,99  | 7,05  | 7,11  |  |

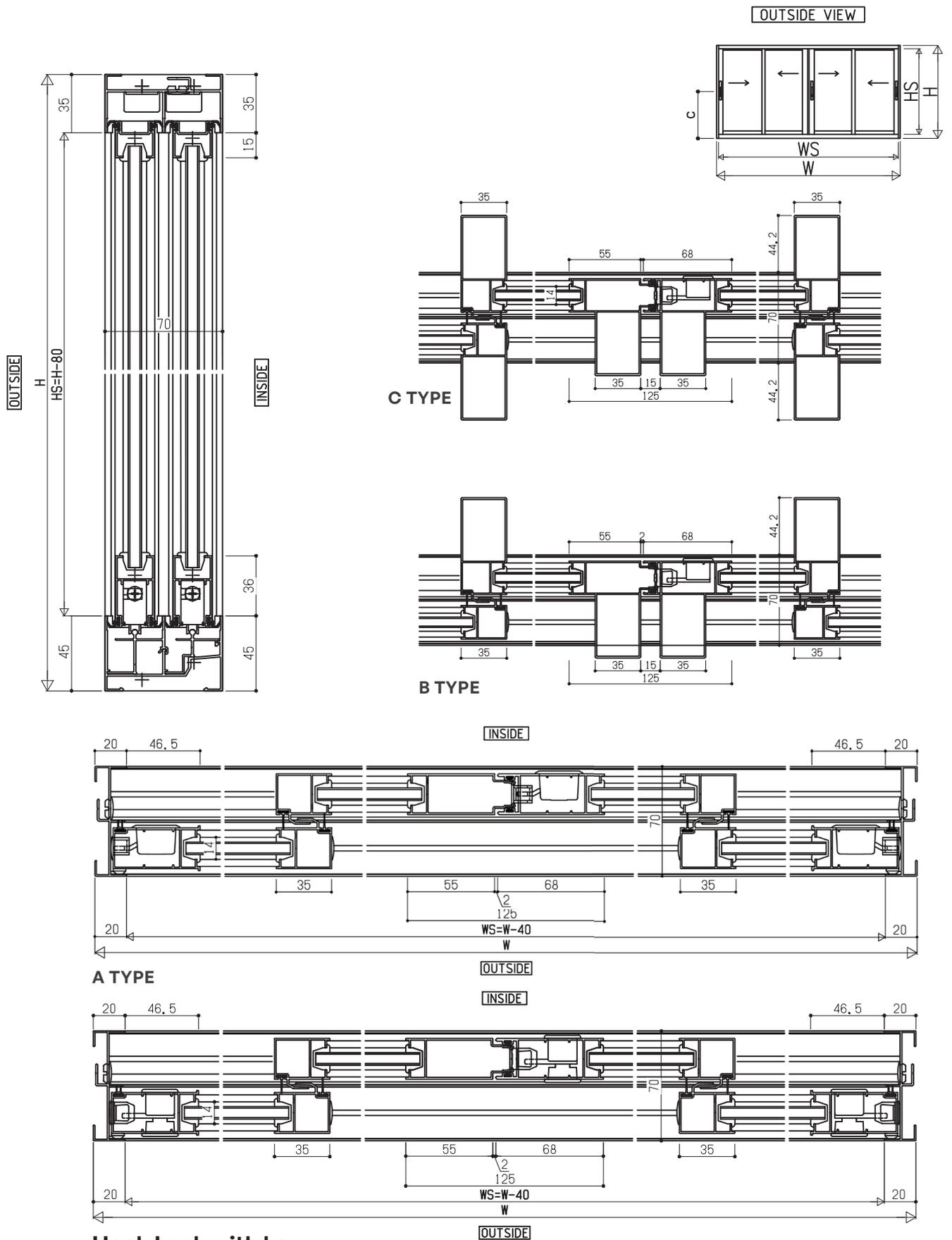
| H (mm) \ W (mm) | W (mm) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|-----------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|                 | 3.100  | 3.200 | 3.300 | 3.400 | 3.500 | 3.600 | 3.700 | 3.800 | 3.900 | 4.000 | 4.100 | 4.200 | 4.300 | 4.400 | 4.500 | 4.600 | 4.700 | 4.800 | 4.900 |  |
| 401 ~ 500       | 2,65   | 2,69  | 2,74  | 2,78  | 2,83  | 2,87  | 2,91  | 2,96  | 3,00  | 3,06  | 3,10  | 3,15  | 3,19  | 3,23  | 3,28  | 3,32  | 3,37  | 3,41  | 3,45  |  |
| 501 ~ 600       | 2,74   | 2,78  | 2,83  | 2,87  | 2,91  | 2,96  | 3,00  | 3,04  | 3,09  | 3,14  | 3,19  | 3,23  | 3,28  | 3,32  | 3,36  | 3,41  | 3,45  | 3,49  | 3,54  |  |
| 601 ~ 700       | 2,82   | 2,87  | 2,91  | 2,96  | 3,00  | 3,04  | 3,09  | 3,13  | 3,18  | 3,23  | 3,28  | 3,32  | 3,36  | 3,41  | 3,45  | 3,49  | 3,54  | 3,58  | 3,63  |  |
| 701 ~ 800       | 2,91   | 2,95  | 3,00  | 3,04  | 3,09  | 3,13  | 3,17  | 3,22  | 3,26  | 3,30  | 3,35  | 3,40  | 3,45  | 3,49  | 3,54  | 3,58  | 3,62  | 3,67  | 3,71  |  |
| 801 ~ 900       | 3,00   | 3,04  | 3,09  | 3,13  | 3,17  | 3,22  | 3,26  | 3,30  | 3,35  | 3,39  | 3,44  | 3,49  | 3,54  | 3,58  | 3,62  | 3,67  | 3,71  | 3,75  | 3,80  |  |
| 901 ~ 1.000     | 3,08   | 3,13  | 3,17  | 3,22  | 3,26  | 3,30  | 3,35  | 3,39  | 3,44  | 3,49  | 3,54  | 3,58  | 3,62  | 3,67  | 3,71  | 3,75  | 3,80  | 3,85  | 3,89  |  |
| 1.001 ~ 1.100   | 3,18   | 3,22  | 3,26  | 3,31  | 3,35  | 3,40  | 3,44  | 3,48  | 3,53  | 3,58  | 3,63  | 3,67  | 3,72  | 3,76  | 3,80  | 3,85  | 3,89  | 3,94  | 3,99  |  |
| 1.101 ~ 1.200   | 3,27   | 3,32  | 3,36  | 3,41  | 3,45  | 3,49  | 3,54  | 3,58  | 3,62  | 3,68  | 3,73  | 3,77  | 3,82  | 3,86  | 3,91  | 3,95  | 4,00  | 4,04  | 4,09  |  |
| 1.201 ~ 1.300   | 3,36   | 3,40  | 3,45  | 3,49  | 3,54  | 3,58  | 3,62  | 3,67  | 3,71  | 3,76  | 3,81  | 3,85  | 3,90  | 3,94  | 3,99  | 4,03  | 4,08  | 4,12  | 4,17  |  |
| 1.301 ~ 1.400   | 4,05   | 4,10  | 4,15  | 4,19  | 4,24  | 4,29  | 4,33  | 4,38  | 4,43  | 4,49  | 4,53  | 4,58  | 4,62  | 4,67  | 4,72  | 4,76  | 4,81  | 4,86  | 4,91  |  |
| 1.401 ~ 1.500   | 4,17   | 4,22  | 4,26  | 4,31  | 4,36  | 4,40  | 4,45  | 4,49  | 4,54  | 4,60  | 4,65  | 4,69  | 4,74  | 4,79  | 4,83  | 4,88  | 4,93  | 4,97  | 5,02  |  |
| 1.501 ~ 1.600   | 4,29   | 4,33  | 4,38  | 4,42  | 4,47  | 4,52  | 4,56  | 4,61  | 4,66  | 4,72  | 4,76  | 4,81  | 4,86  | 4,90  | 4,95  | 5,00  | 5,04  | 5,09  | 5,14  |  |
| 1.601 ~ 1.700   | 4,41   | 4,46  | 4,51  | 4,55  | 4,60  | 4,65  | 4,69  | 4,74  | 4,79  | 4,85  | 4,89  | 4,94  | 4,98  | 5,03  | 5,08  | 5,12  | 5,17  | 5,22  | 5,27  |  |
| 1.701 ~ 1.800   | 4,53   | 4,58  | 4,62  | 4,67  | 4,72  | 4,76  | 4,81  | 4,85  | 4,90  | 4,96  | 5,01  | 5,05  | 5,10  | 5,15  | 5,19  | 5,24  | 5,29  | 5,34  | 5,39  |  |
| 1.801 ~ 1.900   | 4,65   | 4,69  | 4,74  | 4,78  | 4,83  | 4,88  | 4,92  | 4,97  | 5,02  | 5,08  | 5,12  | 5,17  | 5,22  | 5,26  | 5,31  | 5,36  | 5,40  | 5,45  | 5,50  |  |
| 1.901 ~ 2.000   | 4,76   | 4,81  | 4,85  | 4,90  | 4,95  | 4,99  | 5,04  | 5,09  | 5,13  | 5,19  | 5,24  | 5,28  | 5,33  | 5,38  | 5,42  | 5,47  | 5,51  | 5,56  | 5,61  |  |
| 2.001 ~ 2.100   | 4,88   | 4,92  | 4,97  | 5,02  | 5,06  | 5,11  | 5,15  | 5,20  | 5,24  | 5,29  | 5,34  | 5,38  | 5,43  | 5,47  | 5,52  | 5,56  | 5,61  | 5,65  | 5,70  |  |
| 2.101 ~ 2.200   | 4,99   | 5,04  | 5,08  | 5,13  | 5,17  | 5,22  | 5,26  | 5,31  | 5,35  | 5,40  | 5,45  | 5,49  | 5,54  | 5,58  | 5,63  | 5,67  | 5,72  | 5,76  | 5,81  |  |
| 2.201 ~ 2.300   | 6,24   | 6,30  | 6,36  | 6,41  | 6,47  | 6,52  | 6,57  | 6,62  | 6,67  | 6,72  | 6,77  | 6,82  | 6,87  | 6,92  | 6,97  | 7,02  | 7,07  | 7,12  | 7,17  |  |
| 2.301 ~ 2.400   | 6,79   | 6,85  | 6,91  | 6,96  | 7,02  | 7,07  | 7,12  | 7,17  | 7,22  | 7,27  | 7,32  | 7,37  | 7,42  | 7,47  | 7,52  | 7,57  | 7,62  | 7,67  | 7,72  |  |
| 2.401 ~ 2.500   | 6,95   | 7,01  | 7,06  | 7,12  | 7,17  | 7,22  | 7,27  | 7,32  | 7,37  | 7,42  | 7,47  | 7,52  | 7,57  | 7,62  | 7,67  | 7,72  | 7,77  | 7,82  | 7,87  |  |
|                 | 7,11   | 7,16  | 7,22  | 7,28  | 7,33  | 7,39  | 7,45  | 7,50  | 7,56  | 7,63  |       |       |       |       |       |       |       |       |       |  |

- Stile A type
- Stile B type
- Stile C type

\* For the specifications with **Hook Lock**, 0.31 juta/set will be added to the price above  
 \* For the specifications **Hook Lock with key**, 0.76 juta/set will be added to the price above.  
 \*This price is not included glass, assembling fee, delivery fee and installation fee.

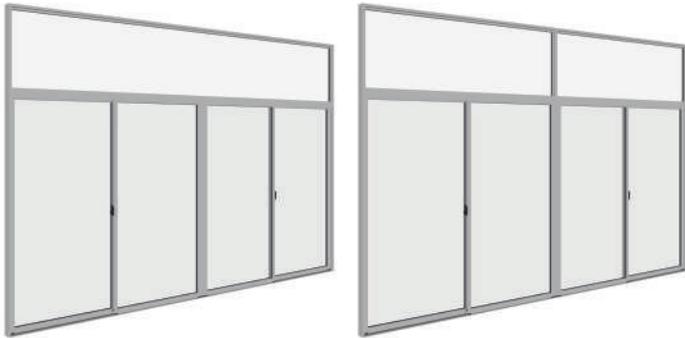


\* The stile type is automatically selected according to the size range.  
Please check the size limitation graph.



\* The stile type is automatically selected according to the size range.  
Please check the size limitation graph.

# FIX/SLIDING 4 LEAVES



**W>2400 FIX will be divided by Muntin**

## Glass

### Without Muntin

|     | Glass Size                | Qty | Thickness |
|-----|---------------------------|-----|-----------|
| SL  | $(W/2-66) \times (H1-37)$ | 4   | 5,6,8     |
| FIX | $(W-62) \times (H2-22)$   | 1   | 5,6,8     |

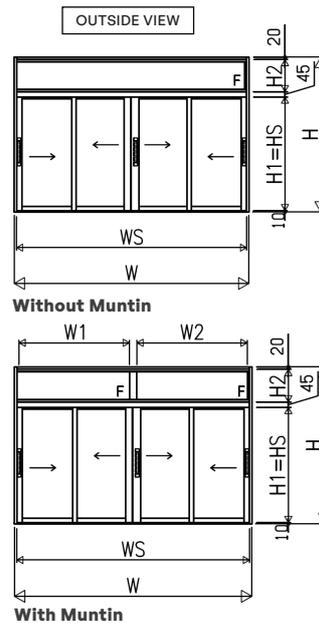
### With Muntin

|     | Glass Size                  | Qty | Thickness |
|-----|-----------------------------|-----|-----------|
| SL  | $(W/2-66) \times (H1-37)$   | 4   | 5,6,8     |
| FIX | $(W/2-54,5) \times (H2-22)$ | 2   | 5,6,8     |

## Performance

|                        |         |
|------------------------|---------|
| Structural (Wind Load) | 1200 Pa |
| Water Tightness        | 200 Pa  |
| Sound Insulation       | -25 dB  |

## Standard Specification



**Crescent Height : as**

- H1/2
- 600
- Custom

**Hook Lock Height : c**

- H1/2
- 600
- Custom

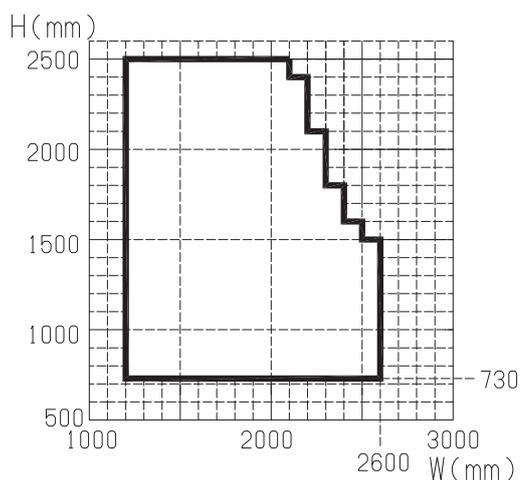
## Specifications

### Selected parts :

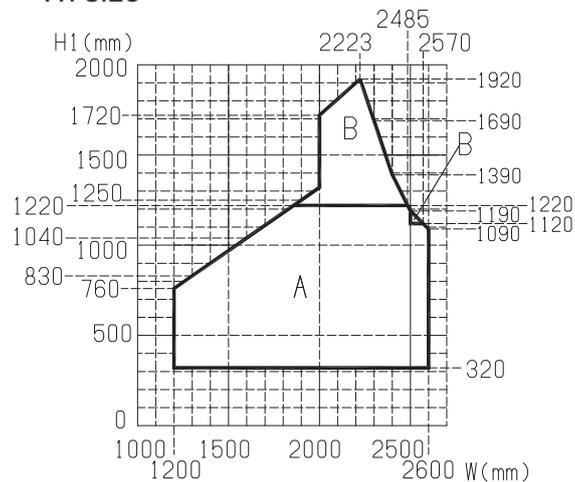
Crescent, Hook Lock, Hook Lock with key

## Size Limitation

### WH size



### H1 size

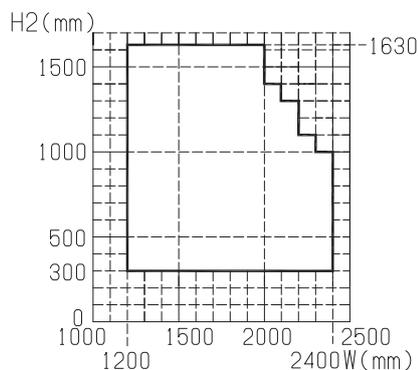


# FIX/SLIDING 4 LEAVES

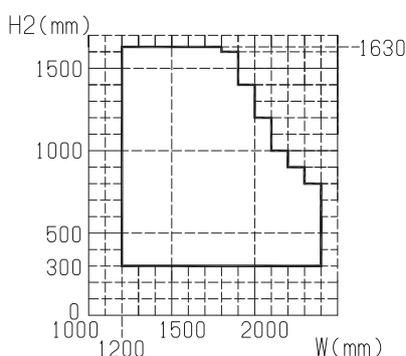
## SIZE LIMITATION & PRICE LIST

### Size Limitation

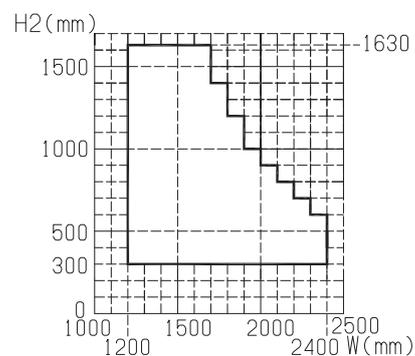
#### H2 size



Glass thickness 5 mm



Glass thickness 6 mm



Glass thickness 8 mm

### Size Limitation

1 See the price list below for the upper FIX

2 See page **28** for the lower Sliding window

Price : 1 + 2

\* The price list below is for 1 unit of FIX.

When W>2400, 1 unit will be divided to 2 units by Muntin, and the price count double.

### FIX (Transom Price Included)

Juta Rp

| W (mm) |   | H (mm) |             |             |             |             |             |             |             |             |             |             |             |             |      |
|--------|---|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|
|        |   | 1,200  | 1,201-1,300 | 1,301-1,400 | 1,401-1,500 | 1,501-1,600 | 1,601-1,700 | 1,701-1,800 | 1,801-1,900 | 1,901-2,000 | 2,001-2,100 | 2,101-2,200 | 2,201-2,300 | 2,301-2,400 |      |
| 300    | ~ | 0.86   | 0.88        | 0.90        | 0.93        | 0.95        | 0.98        | 1.00        | 1.02        | 1.04        | 1.07        | 0.98        | 1.01        | 1.03        |      |
| 301    | ~ | 400    | 0.88        | 0.90        | 0.93        | 0.95        | 0.98        | 1.00        | 1.02        | 1.05        | 1.07        | 1.09        | 1.01        | 1.03        | 1.06 |
| 401    | ~ | 500    | 0.91        | 0.93        | 0.95        | 0.98        | 1.00        | 1.03        | 1.05        | 1.07        | 1.09        | 1.12        | 1.03        | 1.06        | 1.08 |
| 501    | ~ | 600    | 0.93        | 0.95        | 0.98        | 1.00        | 1.03        | 1.05        | 1.07        | 1.10        | 1.12        | 1.14        | 1.06        | 1.08        | 1.11 |
| 601    | ~ | 700    | 0.96        | 0.98        | 1.00        | 1.03        | 1.05        | 1.08        | 1.10        | 1.12        | 1.14        | 1.17        | 1.08        | 1.10        | 1.13 |
| 701    | ~ | 800    | 0.98        | 1.00        | 1.03        | 1.05        | 1.08        | 1.10        | 1.12        | 1.15        | 1.17        | 1.19        | 1.11        | 1.13        | 1.15 |
| 801    | ~ | 900    | 1.01        | 1.03        | 1.05        | 1.08        | 1.10        | 1.13        | 1.15        | 1.17        | 1.19        | 1.22        | 1.13        | 1.16        | 1.18 |
| 901    | ~ | 1,000  | 1.03        | 1.05        | 1.08        | 1.10        | 1.13        | 1.15        | 1.17        | 1.20        | 1.22        | 1.24        | 1.16        | 1.18        | 1.21 |
| 1,001  | ~ | 1,100  | 1.06        | 1.08        | 1.10        | 1.13        | 1.15        | 1.18        | 1.20        | 1.22        | 1.24        | 1.27        | 1.18        | 1.21        |      |
| 1,101  | ~ | 1,200  | 1.08        | 1.10        | 1.13        | 1.15        | 1.18        | 1.20        | 1.22        | 1.25        | 1.27        | 1.29        | 1.21        |             |      |
| 1,201  | ~ | 1,300  | 1.11        | 1.13        | 1.15        | 1.18        | 1.20        | 1.23        | 1.25        | 1.27        | 1.29        | 1.32        | 1.23        |             |      |
| 1,301  | ~ | 1,400  | 1.13        | 1.16        | 1.18        | 1.20        | 1.23        | 1.25        | 1.28        | 1.30        | 1.32        | 1.34        |             |             |      |
| 1,401  | ~ | 1,500  | 1.16        | 1.18        | 1.20        | 1.23        | 1.25        | 1.28        | 1.30        | 1.32        | 1.34        |             |             |             |      |
| 1,501  | ~ | 1,600  | 1.18        | 1.20        | 1.23        | 1.25        | 1.28        | 1.30        | 1.32        | 1.35        | 1.37        |             |             |             |      |
| 1,601  | ~ | 1,700  | 1.21        | 1.23        | 1.25        | 1.28        | 1.30        | 1.33        | 1.35        | 1.37        | 1.39        |             |             |             |      |





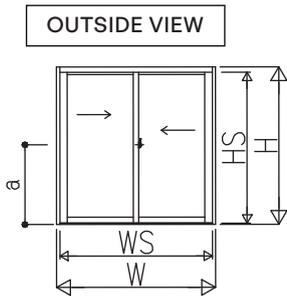
# SLIDING FLAT SILL 2 LEAVES



## Performance

|                        |   |
|------------------------|---|
| Structural (Wind Load) | - |
| Water Tightness        | - |
| Sound Insulation       | - |

## Standard Specifications



**Crescent Height : a**

- H/2-12.5
- 610
- Custom

**Hook Lock / Hook Lock with key**

**Height : c**

- H/2-12.5
- 610
- Custom

## Specifications

### Selected parts :

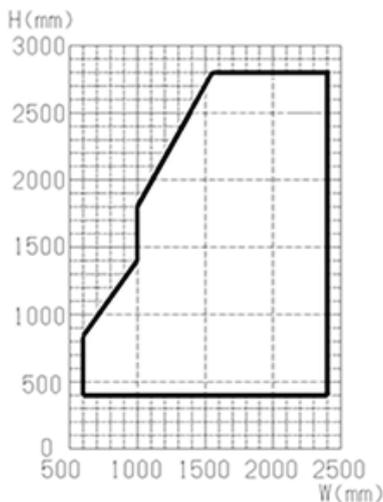
Crescent, Hook Lock, Hook Lock with key

## Glass

| Glass Size        | Qty | Thickness |
|-------------------|-----|-----------|
| (W/2-66) × (H-89) | 2   | 5,6,8     |

- FOR H>2500 USE GLASS ONLY 6mm & 8mm

## Size Limitation



# SLIDING FLAT SILL 2 LEAVES

## PRICE LIST

### CRESCENT

Juta Rp

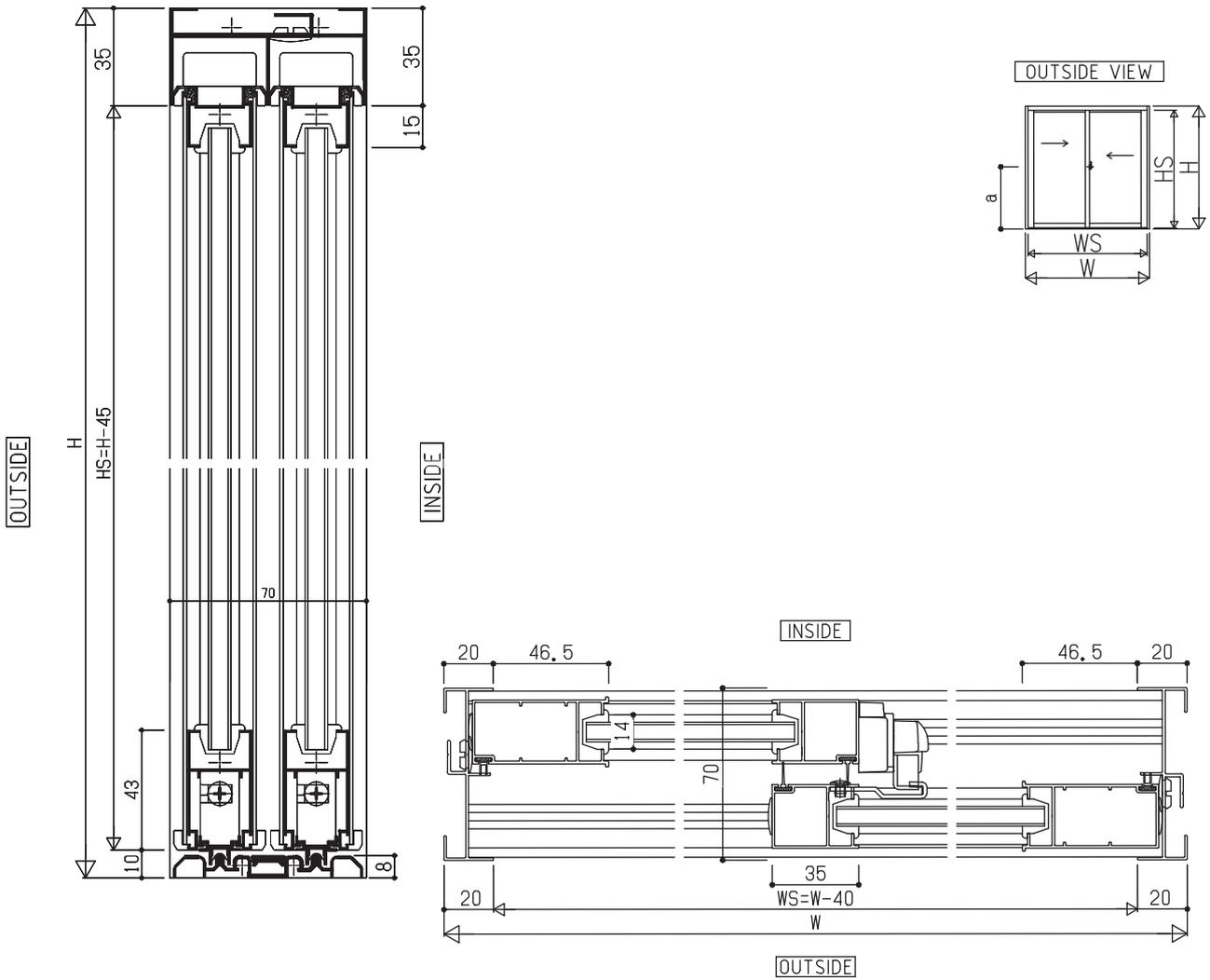
| H (mm) \ W (mm) | W (mm) |         |         |         |           |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
|-----------------|--------|---------|---------|---------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
|                 | 600    | 601-700 | 701-800 | 801-900 | 901-1,000 | 1,001-1,100 | 1,101-1,200 | 1,201-1,300 | 1,301-1,400 | 1,401-1,500 | 1,501-1,600 | 1,601-1,700 | 1,701-1,800 | 1,801-1,900 | 1,901-2,000 | 2,001-2,100 | 2,101-2,200 | 2,201-2,300 | 2,301-2,400 |  |
| 400             | 1.02   | 1.06    | 1.11    | 1.15    | 1.20      | 1.24        | 1.28        | 1.33        | 1.37        | 1.42        | 1.46        | 1.51        | 1.55        | 1.59        | 1.64        | 1.68        | 1.73        | 1.77        | 1.82        |  |
| 401 ~ 500       | 1.08   | 1.12    | 1.17    | 1.21    | 1.26      | 1.30        | 1.34        | 1.39        | 1.43        | 1.48        | 1.52        | 1.56        | 1.61        | 1.65        | 1.70        | 1.74        | 1.79        | 1.83        | 1.88        |  |
| 501 ~ 600       | 1.14   | 1.18    | 1.23    | 1.27    | 1.32      | 1.36        | 1.40        | 1.45        | 1.49        | 1.54        | 1.58        | 1.62        | 1.67        | 1.71        | 1.76        | 1.80        | 1.85        | 1.89        | 1.94        |  |
| 601 ~ 700       | 1.20   | 1.24    | 1.29    | 1.33    | 1.38      | 1.42        | 1.46        | 1.51        | 1.55        | 1.60        | 1.64        | 1.68        | 1.73        | 1.77        | 1.82        | 1.86        | 1.91        | 1.95        | 2.00        |  |
| 701 ~ 800       | 1.26   | 1.31    | 1.35    | 1.39    | 1.44      | 1.48        | 1.52        | 1.57        | 1.61        | 1.66        | 1.70        | 1.74        | 1.79        | 1.83        | 1.88        | 1.92        | 1.97        | 2.01        | 2.05        |  |
| 801 ~ 900       | 1.32   | 1.37    | 1.41    | 1.45    | 1.50      | 1.54        | 1.58        | 1.63        | 1.67        | 1.72        | 1.76        | 1.80        | 1.85        | 1.89        | 1.94        | 1.98        | 2.03        | 2.07        | 2.11        |  |
| 901 ~ 1,000     |        | 1.43    | 1.47    | 1.52    | 1.56      | 1.60        | 1.65        | 1.69        | 1.73        | 1.78        | 1.82        | 1.87        | 1.91        | 1.95        | 2.00        | 2.04        | 2.09        | 2.13        | 2.18        |  |
| 1,001 ~ 1,100   |        |         | 1.53    | 1.58    | 1.62      | 1.66        | 1.71        | 1.75        | 1.80        | 1.84        | 1.88        | 1.93        | 1.97        | 2.01        | 2.06        | 2.10        | 2.15        | 2.19        | 2.23        |  |
| 1,101 ~ 1,200   |        |         | 1.60    | 1.64    | 1.68      | 1.73        | 1.77        | 1.81        | 1.86        | 1.90        | 1.94        | 1.99        | 2.03        | 2.07        | 2.12        | 2.16        | 2.21        | 2.25        | 2.29        |  |
| 1,201 ~ 1,300   |        |         |         | 1.70    | 1.74      | 1.79        | 1.83        | 1.87        | 1.92        | 1.96        | 2.00        | 2.05        | 2.09        | 2.13        | 2.18        | 2.22        | 2.27        | 2.31        | 2.36        |  |
| 1,301 ~ 1,400   |        |         |         |         | 1.81      | 1.85        | 1.89        | 1.93        | 1.98        | 2.02        | 2.06        | 2.11        | 2.15        | 2.20        | 2.24        | 2.28        | 2.33        | 2.37        | 2.42        |  |
| 1,401 ~ 1,500   |        |         |         |         | 1.87      | 1.91        | 1.95        | 2.00        | 2.04        | 2.08        | 2.12        | 2.17        | 2.21        | 2.26        | 2.30        | 2.34        | 2.39        | 2.43        | 2.48        |  |
| 1,501 ~ 1,600   |        |         |         |         | 1.93      | 1.97        | 2.02        | 2.06        | 2.10        | 2.15        | 2.19        | 2.23        | 2.28        | 2.32        | 2.36        | 2.41        | 2.45        | 2.50        | 2.54        |  |
| 1,601 ~ 1,700   |        |         |         |         | 1.99      | 2.04        | 2.08        | 2.12        | 2.16        | 2.21        | 2.25        | 2.29        | 2.34        | 2.38        | 2.43        | 2.47        | 2.51        | 2.56        | 2.60        |  |
| 1,701 ~ 1,800   |        |         |         |         | 2.06      | 2.10        | 2.14        | 2.18        | 2.23        | 2.27        | 2.31        | 2.35        | 2.40        | 2.44        | 2.49        | 2.53        | 2.57        | 2.62        | 2.66        |  |
| 1,801 ~ 1,900   |        |         |         |         |           | 2.16        | 2.20        | 2.25        | 2.29        | 2.33        | 2.37        | 2.42        | 2.46        | 2.50        | 2.55        | 2.59        | 2.63        | 2.68        | 2.72        |  |
| 1,901 ~ 2,000   |        |         |         |         |           | 2.22        | 2.26        | 2.31        | 2.35        | 2.39        | 2.43        | 2.48        | 2.52        | 2.56        | 2.61        | 2.65        | 2.69        | 2.74        | 2.78        |  |
| 2,001 ~ 2,100   |        |         |         |         |           |             |             | 2.33        | 2.37        | 2.41        | 2.45        | 2.50        | 2.54        | 2.58        | 2.62        | 2.67        | 2.71        | 2.75        | 2.80        |  |
| 2,101 ~ 2,200   |        |         |         |         |           |             |             | 2.39        | 2.43        | 2.47        | 2.52        | 2.56        | 2.60        | 2.64        | 2.69        | 2.73        | 2.77        | 2.82        | 2.86        |  |
| 2,201 ~ 2,300   |        |         |         |         |           |             |             |             | 2.49        | 2.53        | 2.58        | 2.62        | 2.66        | 2.70        | 2.75        | 2.79        | 2.83        | 2.88        | 2.92        |  |
| 2,301 ~ 2,400   |        |         |         |         |           |             |             |             | 2.55        | 2.60        | 2.64        | 2.68        | 2.72        | 2.77        | 2.81        | 2.85        | 2.90        | 2.94        | 2.98        |  |
| 2,401 ~ 2,500   |        |         |         |         |           |             |             |             |             | 2.66        | 2.70        | 2.74        | 2.79        | 2.83        | 2.87        | 2.91        | 2.96        | 3.00        | 3.04        |  |
| 2,501 ~ 2,600   |        |         |         |         |           |             |             |             |             | 2.72        | 2.76        | 2.81        | 2.85        | 2.89        | 2.94        | 2.98        | 3.02        | 3.06        | 3.11        |  |
| 2,601 ~ 2,700   |        |         |         |         |           |             |             |             |             |             | 2.83        | 2.87        | 2.91        | 2.95        | 3.00        | 3.04        | 3.08        | 3.13        | 3.17        |  |
| 2,701 ~ 2,800   |        |         |         |         |           |             |             |             |             |             |             | 2.89        | 2.93        | 2.97        | 3.02        | 3.06        | 3.10        | 3.15        | 3.20        |  |

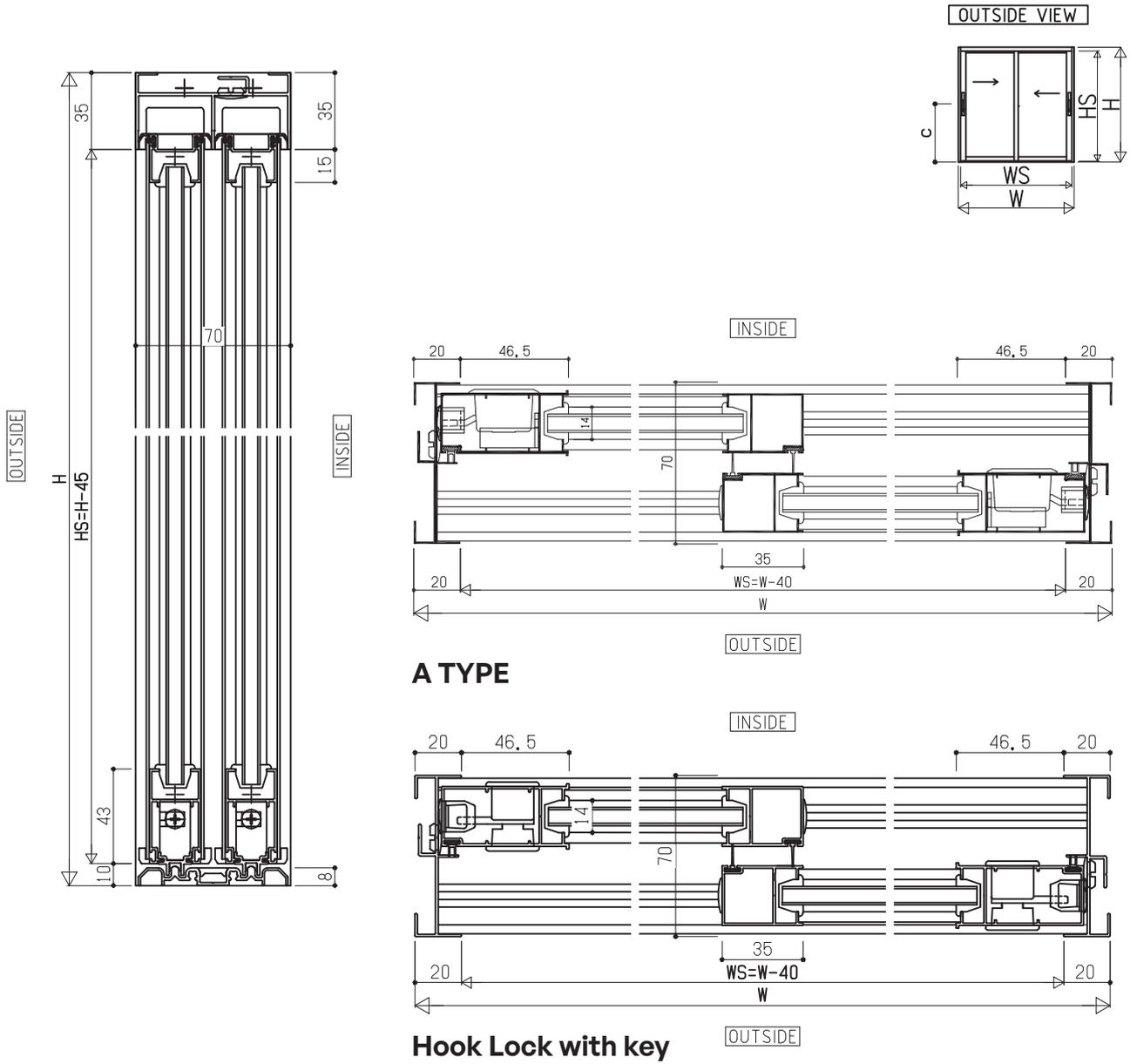
- \* For the specifications with **Hook Lock**, 0.21 juta/set will be added to the price above
- \* For the specifications with **Hook Lock with key**, 0.53 juta/set will be added to the price above.
- \* This price is not included glass, assembling fee, delivery fee and installation fee.

# SLIDING FLAT SILL 2 LEAVES

SYSTEM DRAWING

## CRESCENT LOCK





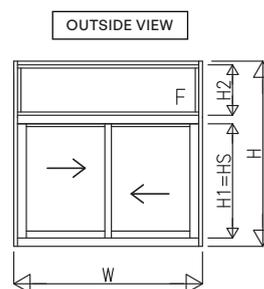
# FIX/SLIDING FLAT SILL 2 LEAVES



## Performance

|                        |   |
|------------------------|---|
| Structural (Wind Load) | - |
| Water Tightness        | - |
| Sound Insulation       | - |

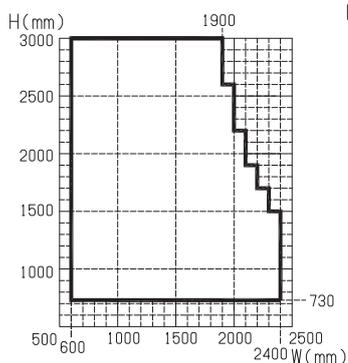
## Standard Specification



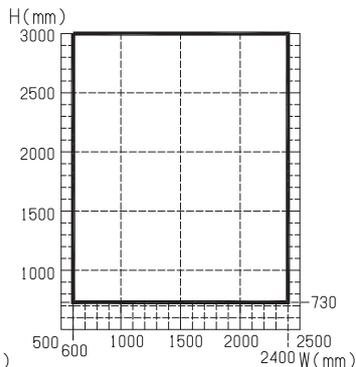
- Crescent Height : as**
- H1/2
  - 600
  - Custom
- Hook Lock Height : c**
- H1/2
  - 600
  - Custom

## Size Limitation

### WH size



### H1 size



For H>2500 use glass only 6mm & 8mm

## Specifications

### Selected parts :

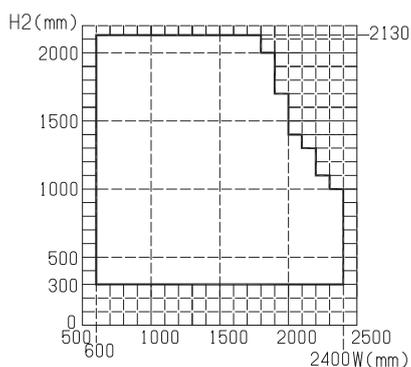
Crescent, Hook Lock, Hook Lock with key

## Glass

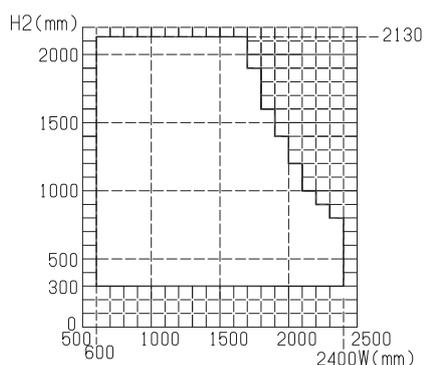
|     | Glass Size                | Qty | Thickness |
|-----|---------------------------|-----|-----------|
| SL  | $(W/2-66) \times (H1-44)$ | 2   | 5,6,8     |
| FIX | $(W-62) \times (H2-22)$   | 1   | 5,6,8     |

## Size Limitation

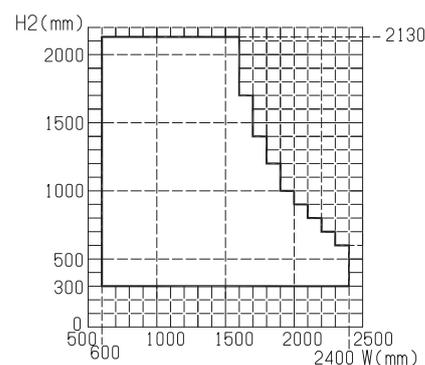
### H2 size



Glass thickness 5 mm



Glass thickness 6 mm



Glass thickness 8 mm

# FIX/SLIDING FLAT SILL 2 LEAVES

## PRICE LIST

1 See the price list below for the upper FIX

2 See page **36** for the lower Sliding window

Price :  +

### FIX (Transom Price Included)

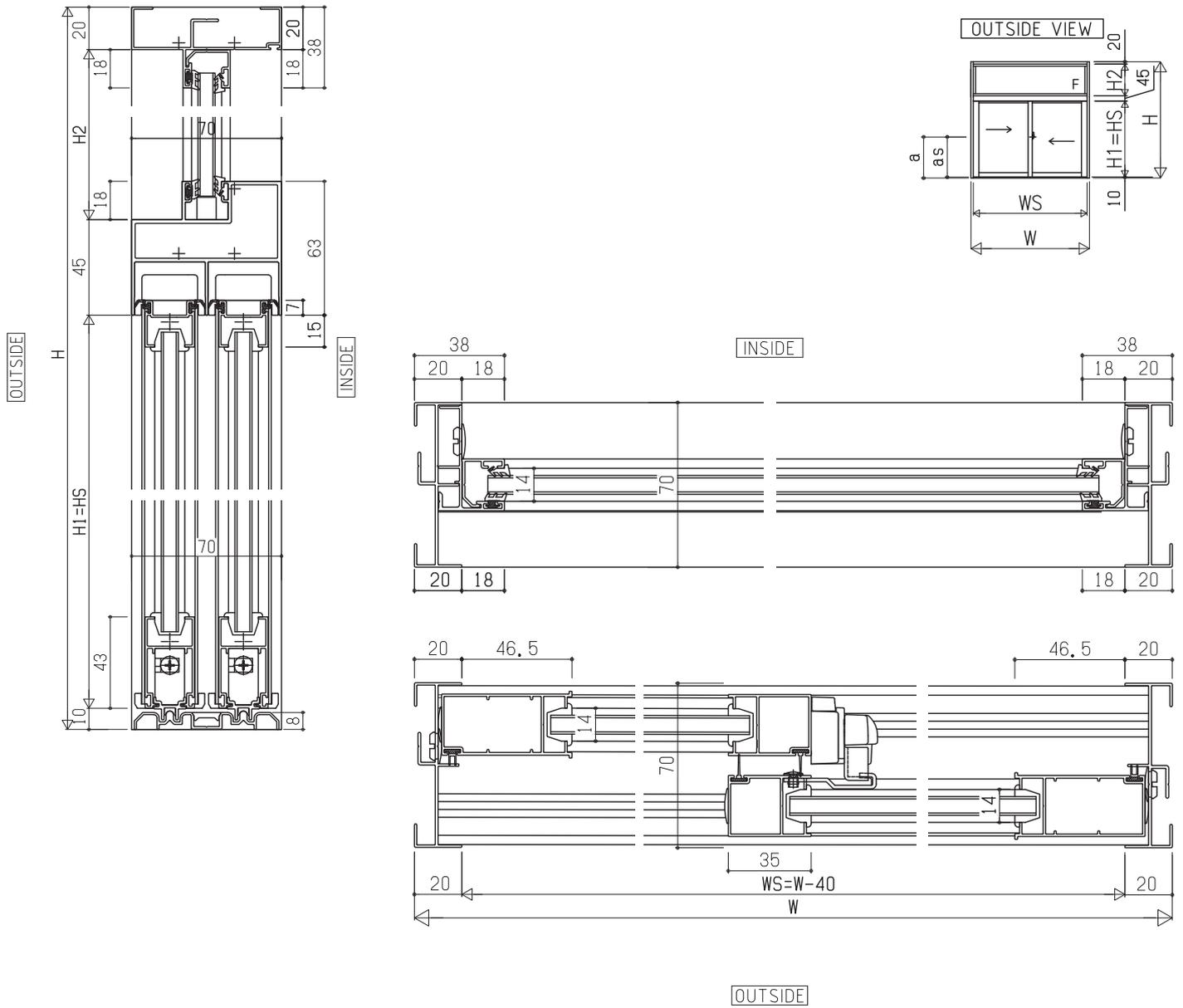
Juta Rp

| W (mm) |               | 600  | 601-700 | 701-800 | 801-900 | 901-1,000 | 1,001-1,100 | 1,101-1,200 | 1,201-1,300 | 1,301-1,400 | 1,401-1,500 | 1,501-1,600 | 1,601-1,700 | 1,701-1,800 | 1,801-1,900 | 1,901-2,000 | 2,001-2,100 | 2,101-2,200 | 2,201-2,300 | 2,301-2,400 |
|--------|---------------|------|---------|---------|---------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| H (mm) | 300           | 0.43 | 0.45    | 0.47    | 0.50    | 0.52      | 0.54        | 0.57        | 0.59        | 0.62        | 0.64        | 0.66        | 0.69        | 0.71        | 0.73        | 0.76        | 0.78        | 0.80        | 0.83        | 0.85        |
|        | 301 ~ 400     | 0.45 | 0.47    | 0.50    | 0.52    | 0.55      | 0.57        | 0.59        | 0.62        | 0.64        | 0.66        | 0.69        | 0.71        | 0.74        | 0.76        | 0.78        | 0.81        | 0.83        | 0.85        | 0.88        |
|        | 401 ~ 500     | 0.48 | 0.50    | 0.52    | 0.55    | 0.57      | 0.59        | 0.62        | 0.64        | 0.67        | 0.69        | 0.71        | 0.74        | 0.76        | 0.78        | 0.81        | 0.83        | 0.85        | 0.88        | 0.90        |
|        | 501 ~ 600     | 0.50 | 0.52    | 0.55    | 0.57    | 0.59      | 0.62        | 0.64        | 0.67        | 0.69        | 0.71        | 0.74        | 0.76        | 0.79        | 0.81        | 0.83        | 0.86        | 0.88        | 0.90        | 0.93        |
|        | 601 ~ 700     | 0.52 | 0.55    | 0.57    | 0.60    | 0.62      | 0.64        | 0.67        | 0.69        | 0.72        | 0.74        | 0.76        | 0.79        | 0.81        | 0.83        | 0.86        | 0.88        | 0.90        | 0.93        | 0.95        |
|        | 701 ~ 800     | 0.55 | 0.57    | 0.60    | 0.62    | 0.64      | 0.67        | 0.69        | 0.72        | 0.74        | 0.76        | 0.79        | 0.81        | 0.83        | 0.86        | 0.88        | 0.90        | 0.93        | 0.95        | 0.98        |
|        | 801 ~ 900     | 0.58 | 0.60    | 0.62    | 0.65    | 0.67      | 0.69        | 0.72        | 0.74        | 0.77        | 0.79        | 0.81        | 0.84        | 0.86        | 0.88        | 0.91        | 0.93        | 0.95        | 0.98        | 1.00        |
|        | 901 ~ 1,000   | 0.60 | 0.62    | 0.65    | 0.67    | 0.70      | 0.72        | 0.74        | 0.77        | 0.79        | 0.81        | 0.84        | 0.86        | 0.89        | 0.91        | 0.93        | 0.96        | 0.98        | 1.00        | 1.03        |
|        | 1,001 ~ 1,100 | 0.63 | 0.65    | 0.67    | 0.70    | 0.72      | 0.74        | 0.77        | 0.79        | 0.82        | 0.84        | 0.86        | 0.89        | 0.91        | 0.93        | 0.96        | 0.98        | 1.00        | 1.03        |             |
|        | 1,101 ~ 1,200 | 0.65 | 0.67    | 0.70    | 0.72    | 0.74      | 0.77        | 0.79        | 0.82        | 0.84        | 0.86        | 0.89        | 0.91        | 0.94        | 0.96        | 0.98        | 1.00        | 1.03        |             |             |
|        | 1,201 ~ 1,300 | 0.67 | 0.70    | 0.72    | 0.75    | 0.77      | 0.79        | 0.82        | 0.84        | 0.87        | 0.89        | 0.91        | 0.94        | 0.96        | 0.98        | 1.01        | 1.03        | 1.05        |             |             |
|        | 1,301 ~ 1,400 | 0.70 | 0.72    | 0.75    | 0.77    | 0.80      | 0.82        | 0.84        | 0.87        | 0.89        | 0.91        | 0.94        | 0.96        | 0.99        | 1.01        | 1.03        | 1.06        |             |             |             |
|        | 1,401 ~ 1,500 | 0.73 | 0.75    | 0.77    | 0.80    | 0.82      | 0.84        | 0.87        | 0.89        | 0.92        | 0.94        | 0.96        | 0.99        | 1.01        | 1.03        | 1.06        |             |             |             |             |
|        | 1,501 ~ 1,600 | 0.75 | 0.77    | 0.80    | 0.82    | 0.85      | 0.87        | 0.89        | 0.92        | 0.94        | 0.96        | 0.99        | 1.01        | 1.04        | 1.06        | 1.08        |             |             |             |             |
|        | 1,601 ~ 1,700 | 0.77 | 0.80    | 0.82    | 0.85    | 0.87      | 0.89        | 0.92        | 0.94        | 0.97        | 0.99        | 1.01        | 1.04        | 1.06        | 1.08        | 1.11        |             |             |             |             |
|        | 1,701 ~ 1,800 | 0.80 | 0.82    | 0.85    | 0.87    | 0.89      | 0.92        | 0.94        | 0.97        | 0.99        | 1.01        | 1.04        | 1.06        | 1.09        | 1.11        |             |             |             |             |             |
|        | 1,801 ~ 1,900 | 0.83 | 0.85    | 0.87    | 0.90    | 0.92      | 0.94        | 0.97        | 0.99        | 1.02        | 1.04        | 1.06        | 1.09        | 1.11        | 1.13        |             |             |             |             |             |
|        | 1,901 ~ 2,000 | 0.85 | 0.87    | 0.90    | 0.92    | 0.95      | 0.97        | 0.99        | 1.02        | 1.04        | 1.06        | 1.09        | 1.11        | 1.14        | 1.16        |             |             |             |             |             |
|        | 2,001 ~ 2,100 | 0.88 | 0.90    | 0.92    | 0.95    | 0.97      | 0.99        | 1.02        | 1.04        | 1.07        | 1.09        | 1.11        | 1.14        | 1.16        |             |             |             |             |             |             |
|        | 2,101 ~ 2,200 | 0.90 | 0.92    | 0.95    | 0.97    | 1.00      | 1.02        | 1.04        | 1.07        | 1.09        | 1.11        | 1.14        | 1.16        | 1.19        |             |             |             |             |             |             |

# FIX/SLIDING FLAT SILL 2 LEAVES

## SYSTEM DRAWING

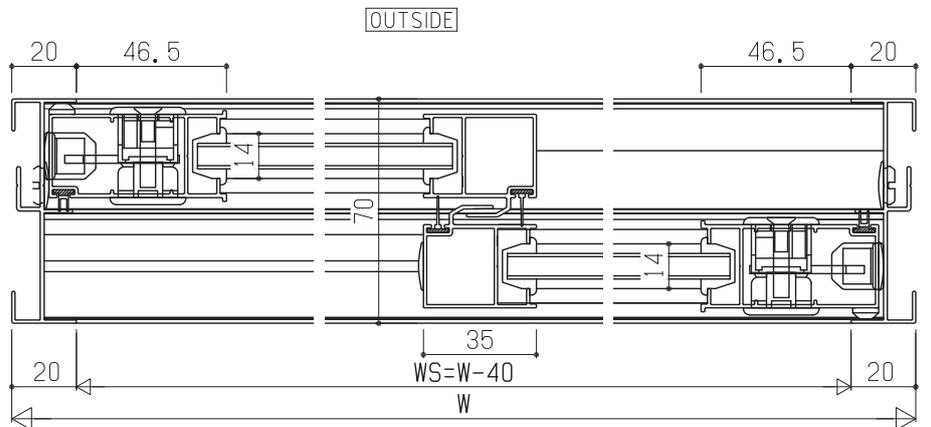
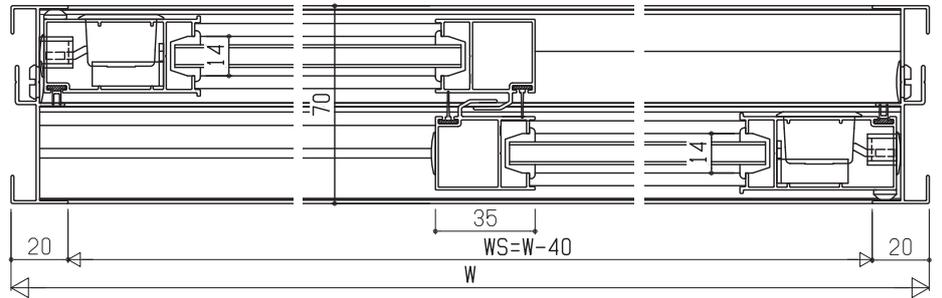
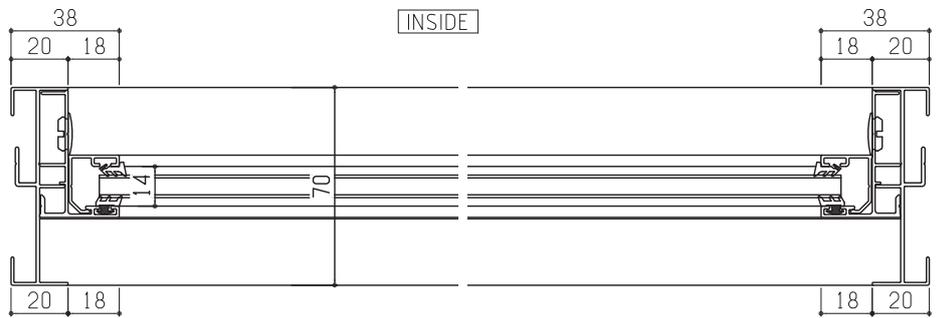
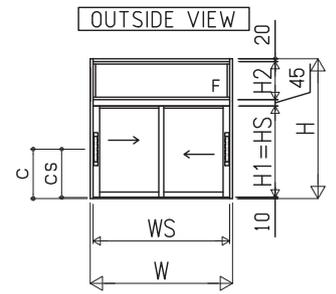
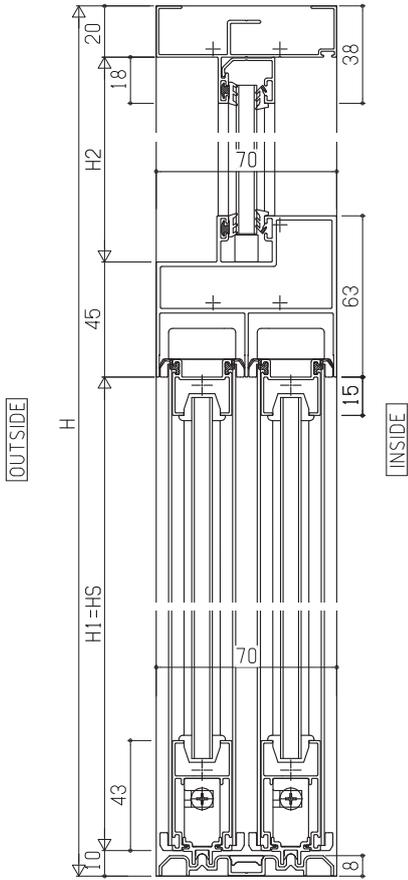
# CRESCENT LOCK



# FIX/SLIDING FLAT SILL 2 LEAVES

## SYSTEM DRAWING

## HOOK LOCK



### Hook Lock with key

OUTSIDE

# SLIDING FLAT SILL 4 LEAVES

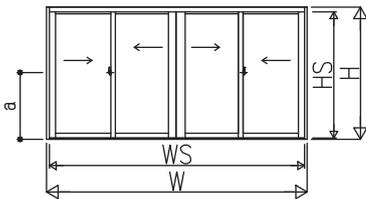


## Performance

|                        |   |
|------------------------|---|
| Structural (Wind Load) | - |
| Water Tightness        | - |
| Sound Insulation       | - |

## Standard Specifications

OUTSIDE VIEW



**Crescent Height : a**

- $H/2-12.5$
- 610

**Hook Lock / Hook Lock wth key**

- Height : c**
- $H/2-12.5$
  - 610

## Specifications

### Selected parts :

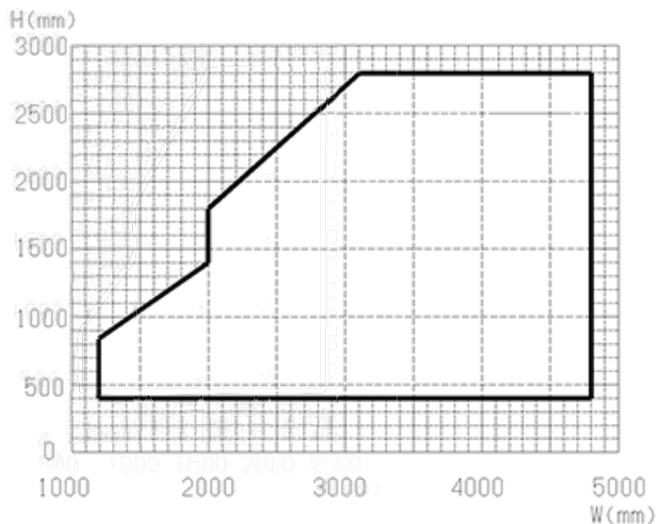
Crescent, Hook Lock, Hook Lock with key

## Glass

| Glass Size               | Qty | Thickness |
|--------------------------|-----|-----------|
| $(W/4-64) \times (H-89)$ | 4   | 5,6,8     |

- FOR  $H > 2500$  USE GLASS ONLY 6mm & 8mm

## Size Limitation



# SLIDING FLAT SILL 4 LEAVES

## PRICE LIST

### CRESCENT

Juta Rp

| H (mm) \ W (mm) | W (mm) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|-----------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|                 | 1,200  | 1,300 | 1,400 | 1,500 | 1,600 | 1,700 | 1,800 | 1,900 | 2,000 | 2,100 | 2,200 | 2,300 | 2,400 | 2,500 | 2,600 | 2,700 | 2,800 | 2,900 | 3,000 |  |
| 400             | 1.80   | 1.84  | 1.89  | 1.93  | 1.97  | 2.02  | 2.06  | 2.10  | 2.15  | 2.19  | 2.23  | 2.28  | 2.32  | 2.36  | 2.41  | 2.45  | 2.49  | 2.54  | 2.58  |  |
| 401 ~ 500       | 1.91   | 1.95  | 1.99  | 2.04  | 2.08  | 2.12  | 2.17  | 2.21  | 2.25  | 2.30  | 2.34  | 2.38  | 2.42  | 2.47  | 2.51  | 2.55  | 2.60  | 2.64  | 2.68  |  |
| 501 ~ 600       | 2.01   | 2.06  | 2.10  | 2.14  | 2.19  | 2.23  | 2.27  | 2.31  | 2.36  | 2.40  | 2.44  | 2.49  | 2.53  | 2.57  | 2.62  | 2.66  | 2.70  | 2.75  | 2.79  |  |
| 601 ~ 700       | 2.12   | 2.16  | 2.21  | 2.25  | 2.29  | 2.33  | 2.38  | 2.42  | 2.46  | 2.51  | 2.55  | 2.59  | 2.64  | 2.68  | 2.72  | 2.76  | 2.81  | 2.85  | 2.89  |  |
| 701 ~ 800       | 2.23   | 2.27  | 2.31  | 2.35  | 2.40  | 2.44  | 2.48  | 2.53  | 2.57  | 2.61  | 2.66  | 2.70  | 2.74  | 2.78  | 2.83  | 2.87  | 2.91  | 2.96  | 3.00  |  |
| 801 ~ 900       | 2.33   | 2.38  | 2.42  | 2.46  | 2.50  | 2.55  | 2.59  | 2.63  | 2.68  | 2.72  | 2.76  | 2.81  | 2.85  | 2.89  | 2.93  | 2.98  | 3.02  | 3.06  | 3.11  |  |
| 901 ~ 1,000     |        | 2.48  | 2.53  | 2.57  | 2.61  | 2.65  | 2.70  | 2.74  | 2.78  | 2.83  | 2.87  | 2.91  | 2.96  | 3.00  | 3.04  | 3.08  | 3.13  | 3.17  | 3.21  |  |
| 1,001 ~ 1,100   |        |       |       | 2.67  | 2.72  | 2.76  | 2.80  | 2.85  | 2.89  | 2.93  | 2.98  | 3.02  | 3.06  | 3.10  | 3.15  | 3.19  | 3.23  | 3.28  | 3.32  |  |
| 1,101 ~ 1,200   |        |       |       |       | 2.82  | 2.87  | 2.91  | 2.95  | 3.00  | 3.04  | 3.08  | 3.12  | 3.17  | 3.21  | 3.25  | 3.30  | 3.34  | 3.38  | 3.43  |  |
| 1,201 ~ 1,300   |        |       |       |       |       |       | 3.02  | 3.06  | 3.10  | 3.15  | 3.19  | 3.23  | 3.27  | 3.32  | 3.36  | 3.40  | 3.45  | 3.49  | 3.53  |  |
| 1,301 ~ 1,400   |        |       |       |       |       |       |       | 3.16  | 3.21  | 3.25  | 3.29  | 3.34  | 3.38  | 3.42  | 3.47  | 3.51  | 3.55  | 3.59  | 3.64  |  |
| 1,401 ~ 1,500   |        |       |       |       |       |       |       |       |       | 3.36  | 3.40  | 3.44  | 3.49  | 3.53  | 3.57  | 3.61  | 3.66  | 3.70  | 3.74  |  |
| 1,501 ~ 1,600   |        |       |       |       |       |       |       |       |       | 3.47  | 3.51  | 3.55  | 3.60  | 3.64  | 3.68  | 3.72  | 3.77  | 3.81  | 3.85  |  |
| 1,601 ~ 1,700   |        |       |       |       |       |       |       |       |       | 3.57  | 3.62  | 3.66  | 3.70  | 3.74  | 3.79  | 3.83  | 3.87  | 3.92  | 3.96  |  |
| 1,701 ~ 1,800   |        |       |       |       |       |       |       |       |       | 3.68  | 3.72  | 3.76  | 3.81  | 3.85  | 3.89  | 3.94  | 3.98  | 4.02  | 4.07  |  |
| 1,801 ~ 1,900   |        |       |       |       |       |       |       |       |       | 3.78  | 3.83  | 3.87  | 3.91  | 3.96  | 4.00  | 4.04  | 4.08  | 4.13  | 4.17  |  |
| 1,901 ~ 2,000   |        |       |       |       |       |       |       |       |       | 3.89  | 3.93  | 3.98  | 4.02  | 4.06  | 4.10  | 4.15  | 4.19  | 4.23  | 4.28  |  |
| 2,001 ~ 2,100   |        |       |       |       |       |       |       |       |       |       |       |       | 4.08  | 4.13  | 4.17  | 4.21  | 4.25  | 4.30  | 4.34  |  |
| 2,101 ~ 2,200   |        |       |       |       |       |       |       |       |       |       |       |       |       | 4.23  | 4.27  | 4.32  | 4.36  | 4.40  | 4.45  |  |
| 2,201 ~ 2,300   |        |       |       |       |       |       |       |       |       |       |       |       |       |       | 4.38  | 4.42  | 4.47  | 4.51  | 4.55  |  |
| 2,301 ~ 2,400   |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 4.53  | 4.57  | 4.61  | 4.66  |  |
| 2,401 ~ 2,500   |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 4.68  | 4.72  | 4.76  |  |
| 2,501 ~ 2,600   |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 4.83  | 4.87  |  |
| 2,601 ~ 2,700   |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 4.98  |  |
| 2,701 ~ 2,800   |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 5.13  |  |

| H (mm) \ W (mm) | W (mm) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | 3,100  | 3,200 | 3,300 | 3,400 | 3,500 | 3,600 | 3,700 | 3,800 | 3,900 | 4,000 | 4,100 | 4,200 | 4,300 | 4,400 | 4,500 | 4,600 | 4,700 | 4,800 |
| 400             | 2.62   | 2.67  | 2.71  | 2.75  | 2.80  | 2.84  | 2.88  | 2.92  | 2.97  | 3.01  | 3.06  | 3.10  | 3.14  | 3.18  | 3.23  | 3.27  | 3.31  | 3.36  |
| 401 ~ 500       | 2.73   | 2.77  | 2.81  | 2.86  | 2.90  | 2.94  | 2.99  | 3.03  | 3.07  | 3.12  | 3.16  | 3.20  | 3.25  | 3.29  | 3.33  | 3.38  | 3.42  | 3.46  |
| 501 ~ 600       | 2.83   | 2.88  | 2.92  | 2.96  | 3.01  | 3.05  | 3.09  | 3.13  | 3.18  | 3.22  | 3.27  | 3.31  | 3.35  | 3.39  | 3.44  | 3.48  | 3.52  | 3.57  |
| 601 ~ 700       | 2.94   | 2.98  | 3.02  | 3.07  | 3.11  | 3.15  | 3.20  | 3.24  | 3.28  | 3.33  | 3.37  | 3.41  | 3.46  | 3.50  | 3.54  | 3.59  | 3.63  | 3.67  |
| 701 ~ 800       | 3.04   | 3.09  | 3.13  | 3.17  | 3.22  | 3.26  | 3.30  | 3.34  | 3.39  | 3.43  | 3.48  | 3.52  | 3.56  | 3.60  | 3.65  | 3.69  | 3.73  | 3.78  |
| 801 ~ 900       | 3.15   | 3.19  | 3.24  | 3.28  | 3.32  | 3.36  | 3.41  | 3.45  | 3.49  | 3.54  | 3.58  | 3.62  | 3.67  | 3.71  | 3.75  | 3.80  | 3.84  | 3.88  |
| 901 ~ 1,000     | 3.26   | 3.30  | 3.34  | 3.39  | 3.43  | 3.47  | 3.51  | 3.56  | 3.60  | 3.64  | 3.69  | 3.73  | 3.77  | 3.82  | 3.86  | 3.90  | 3.95  | 3.99  |
| 1,001 ~ 1,100   | 3.36   | 3.41  | 3.45  | 3.49  | 3.53  | 3.58  | 3.62  | 3.66  | 3.71  | 3.75  | 3.79  | 3.84  | 3.88  | 3.92  | 3.96  | 4.01  | 4.05  | 4.09  |
| 1,101 ~ 1,200   | 3.47   | 3.51  | 3.56  | 3.60  | 3.64  | 3.68  | 3.73  | 3.77  | 3.81  | 3.86  | 3.90  | 3.94  | 3.99  | 4.03  | 4.07  | 4.11  | 4.16  | 4.20  |
| 1,201 ~ 1,300   | 3.58   | 3.62  | 3.66  | 3.70  | 3.75  | 3.79  | 3.83  | 3.88  | 3.92  | 3.96  | 4.01  | 4.05  | 4.09  | 4.13  | 4.18  | 4.22  | 4.26  | 4.31  |
| 1,301 ~ 1,400   | 3.68   | 3.72  | 3.77  | 3.81  | 3.85  | 3.90  | 3.94  | 3.98  | 4.02  | 4.07  | 4.11  | 4.15  | 4.20  | 4.24  | 4.28  | 4.33  | 4.37  | 4.41  |
| 1,401 ~ 1,500   | 3.79   | 3.83  | 3.87  | 3.92  | 3.96  | 4.00  | 4.04  | 4.09  | 4.13  | 4.17  | 4.22  | 4.26  | 4.30  | 4.35  | 4.39  | 4.43  | 4.47  | 4.52  |
| 1,501 ~ 1,600   | 3.90   | 3.94  | 3.98  | 4.02  | 4.07  | 4.11  | 4.15  | 4.20  | 4.24  | 4.28  | 4.33  | 4.37  | 4.41  | 4.46  | 4.50  | 4.54  | 4.58  | 4.63  |
| 1,601 ~ 1,700   | 4.00   | 4.05  | 4.09  | 4.13  | 4.17  | 4.22  | 4.26  | 4.30  | 4.35  | 4.39  | 4.43  | 4.48  | 4.52  | 4.56  | 4.60  | 4.65  | 4.69  | 4.73  |
| 1,701 ~ 1,800   | 4.11   | 4.15  | 4.19  | 4.24  | 4.28  | 4.32  | 4.37  | 4.41  | 4.45  | 4.50  | 4.54  | 4.58  | 4.62  | 4.67  | 4.71  | 4.75  | 4.80  | 4.84  |
| 1,801 ~ 1,900   | 4.21   | 4.26  | 4.30  | 4.34  | 4.39  | 4.43  | 4.47  | 4.51  | 4.56  | 4.60  | 4.64  | 4.69  | 4.73  | 4.77  | 4.82  | 4.86  | 4.90  | 4.94  |
| 1,901 ~ 2,000   | 4.32   | 4.36  | 4.41  | 4.45  | 4.49  | 4.53  | 4.58  | 4.62  | 4.66  | 4.71  | 4.75  | 4.79  | 4.84  | 4.88  | 4.92  | 4.96  | 5.01  | 5.05  |
| 2,001 ~ 2,100   | 4.43   | 4.47  | 4.51  | 4.56  | 4.60  | 4.64  | 4.68  | 4.73  | 4.77  | 4.81  | 4.86  | 4.90  | 4.94  | 4.99  | 5.03  | 5.07  | 5.11  | 5.16  |
| 2,101 ~ 2,200   | 4.53   | 4.58  | 4.62  | 4.66  | 4.70  | 4.75  | 4.79  | 4.83  | 4.88  | 4.92  | 4.96  | 5.01  | 5.05  | 5.09  | 5.13  | 5.18  | 5.22  | 5.26  |
| 2,201 ~ 2,300   | 4.64   | 4.68  | 4.72  | 4.77  | 4.81  | 4.85  | 4.90  | 4.94  | 4.98  | 5.03  | 5.07  | 5.11  | 5.15  | 5.20  | 5.24  | 5.28  | 5.33  | 5.37  |
| 2,301 ~ 2,400   | 4.74   | 4.79  | 4.83  | 4.87  | 4.92  | 4.96  | 5.00  | 5.04  | 5.09  | 5.13  | 5.17  | 5.22  | 5.26  | 5.30  | 5.35  | 5.39  | 5.43  | 5.47  |
| 2,401 ~ 2,500   | 4.85   | 4.89  | 4.94  | 4.98  | 5.02  | 5.07  | 5.11  | 5.15  | 5.19  | 5.24  | 5.28  | 5.32  | 5.37  | 5.41  | 5.45  | 5.50  | 5.54  | 5.58  |
| 2,501 ~ 2,600   | 4.96   | 5.00  | 5.05  | 5.09  | 5.13  | 5.17  | 5.22  | 5.26  | 5.30  | 5.35  | 5.39  | 5.43  | 5.48  | 5.52  | 5.56  | 5.60  | 5.65  | 5.69  |
| 2,601 ~ 2,700   | 5.07   | 5.11  | 5.15  | 5.19  | 5.24  | 5.28  | 5.32  | 5.37  | 5.41  | 5.45  | 5.50  | 5.54  | 5.58  | 5.62  | 5.67  | 5.71  | 5.75  | 5.80  |
| 2,701 ~ 2,800   | 5.17   | 5.21  | 5.26  | 5.30  | 5.34  | 5.39  | 5.43  | 5.47  | 5.51  | 5.56  | 5.60  | 5.64  | 5.69  | 5.73  | 5.77  | 5.82  | 5.86  | 5.90  |

\* For the specifications with **Hook Lock**, 0.31 juta/set will be added to the price above

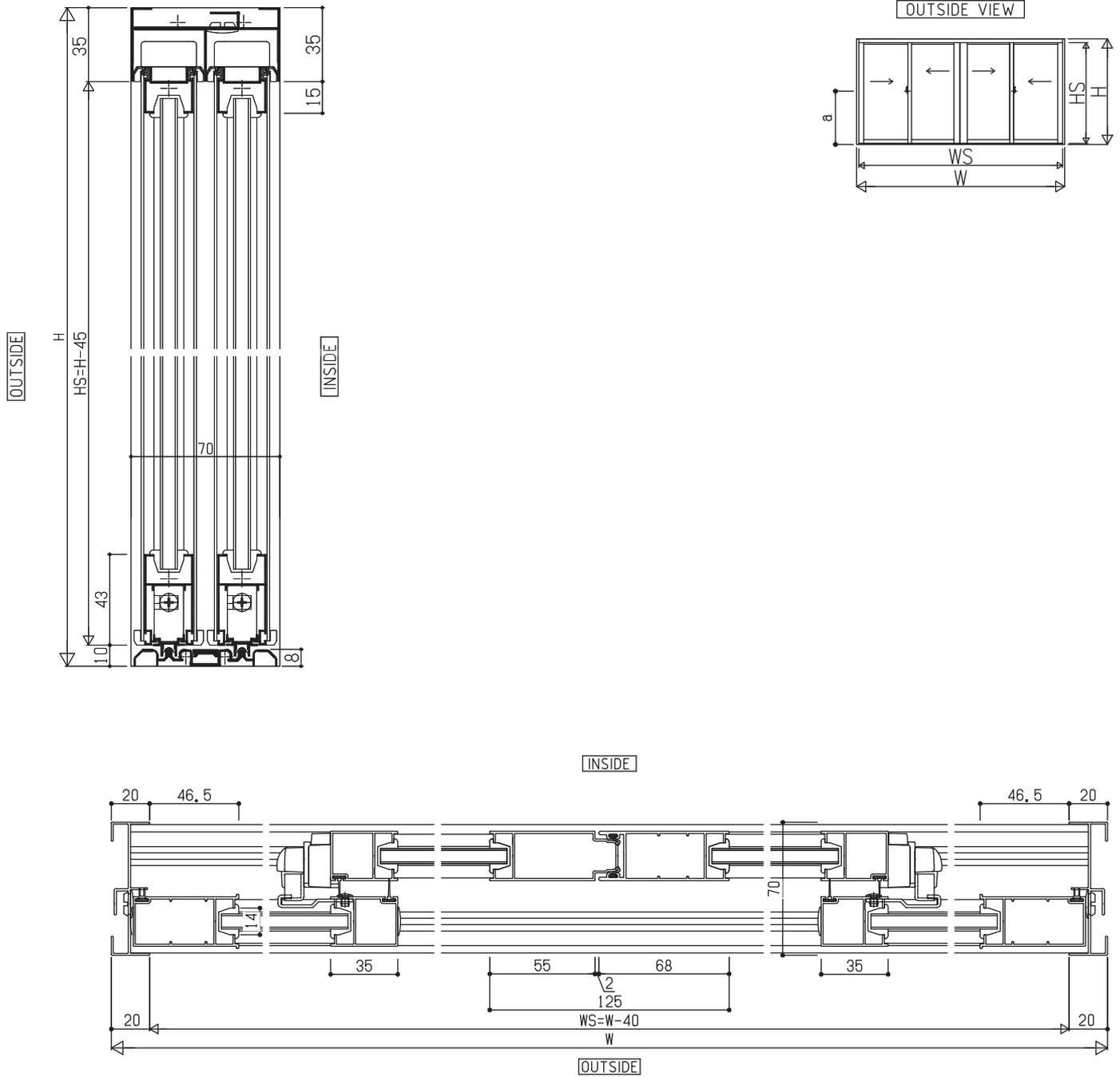
\* For the specifications with **Hook Lock with key**, 0.76 juta/set will be added to the price above

\* This price is not included glass, assembling fee, delivery fee and installation fee.

# SLIDING FLAT SILL 4 LEAVES

## SYSTEM DRAWING

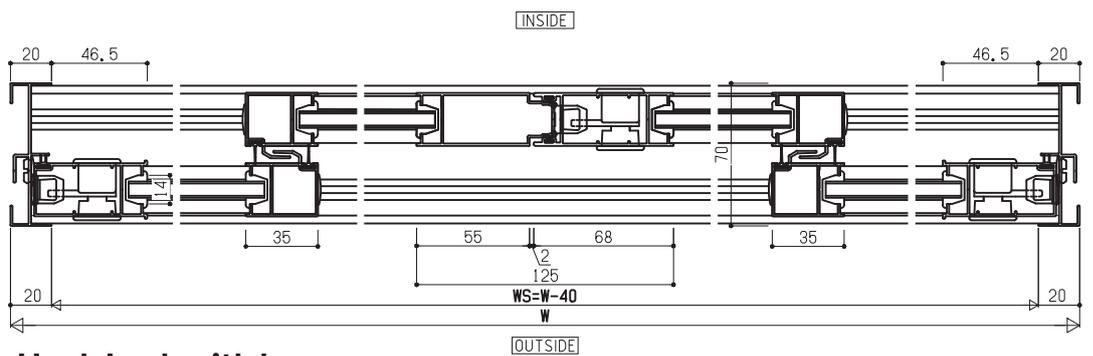
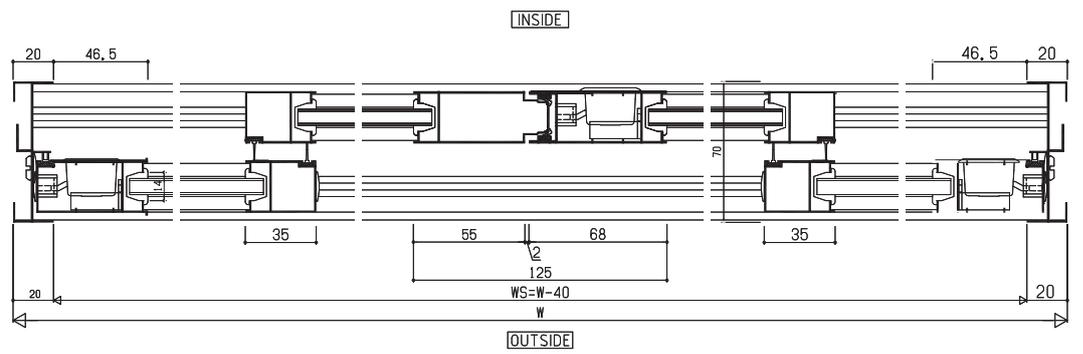
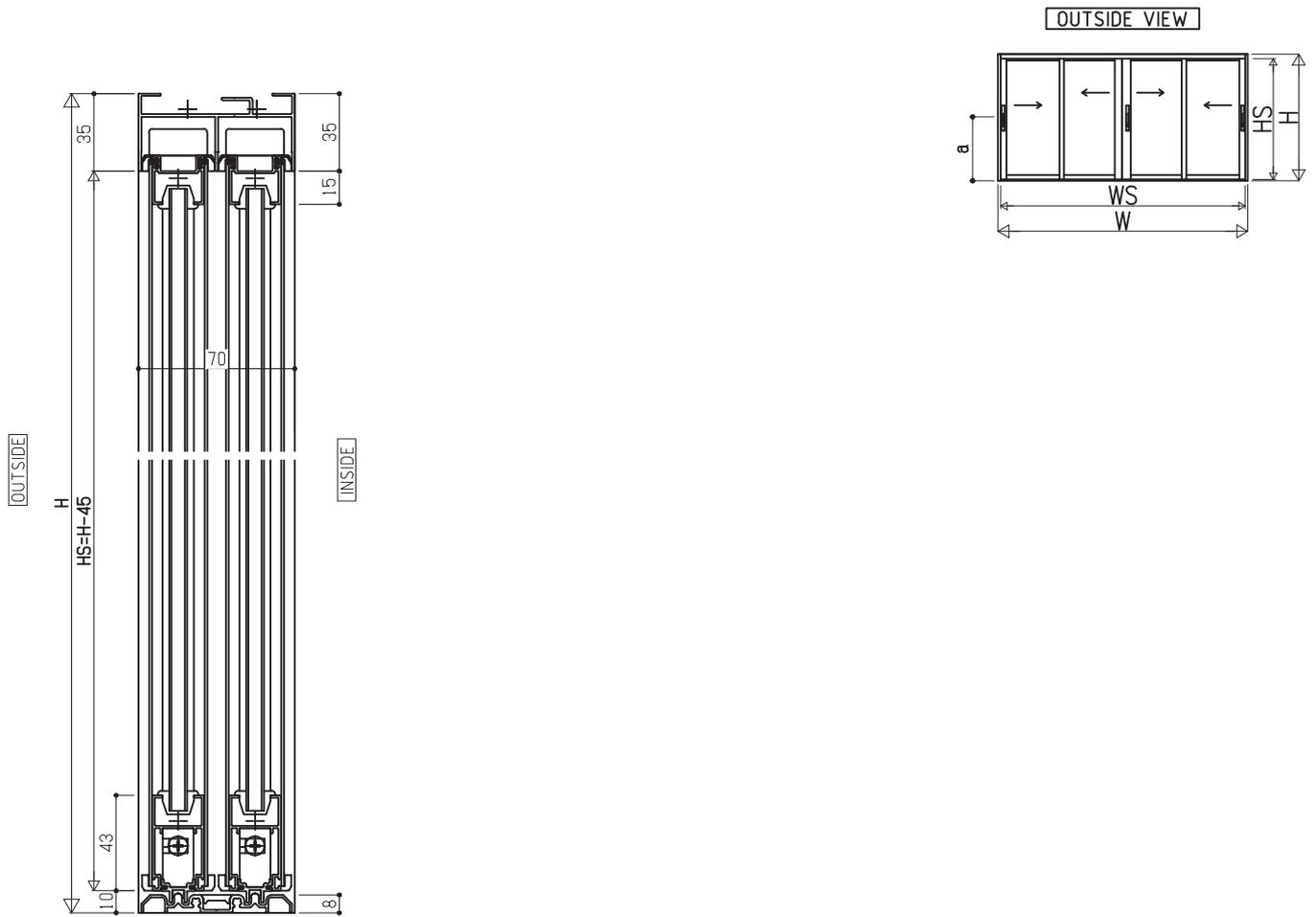
### CRESCENT LOCK



# SLIDING FLAT SILL 4 LEAVES

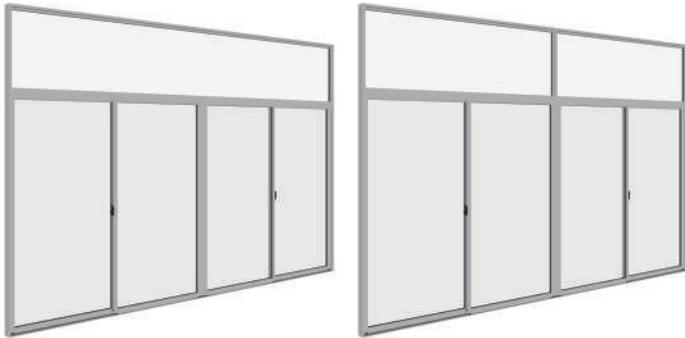
## SYSTEM DRAWING

### HOOK LOCK



Hook Lock with key

# FIX/SLIDING FLAT SILL 4 LEAVES



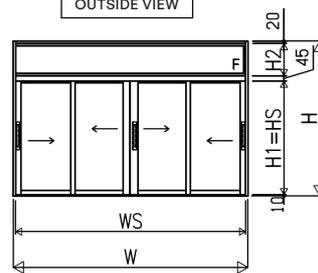
**W>2400 FIX will divided by Muntin**

## Performance

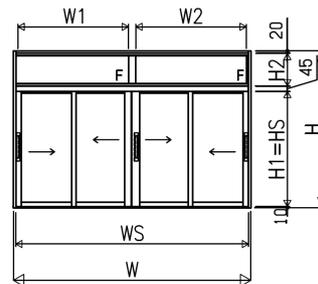
|                        |   |
|------------------------|---|
| Structural (Wind Load) | - |
| Water Tightness        | - |
| Sound Insulation       | - |

## Standard Specification

OUTSIDE VIEW



Without Muntin



With Muntin

**Crescent Height : as**

- H1/2
- 600
- Custom

**Hook Lock Height : c**

- H1/2
- 600
- Custom

## Glass

### Without Muntin

|     | Glass Size                | Qty | Thickness |
|-----|---------------------------|-----|-----------|
| SL  | $(W/4-64) \times (H1-44)$ | 4   | 5,6,8     |
| FIX | $(W-62) \times (H2-22)$   | 1   | 5,6,8     |

### With Muntin

|     | Glass Size                  | Qty | Thickness |
|-----|-----------------------------|-----|-----------|
| SL  | $(W/4-64) \times (H1-44)$   | 4   | 5,6,8     |
| FIX | $(W/2-54,5) \times (H2-22)$ | 2   | 5,6,8     |

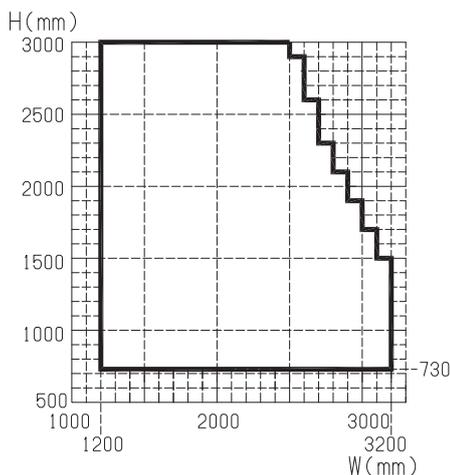
## Specifications

### Selected parts :

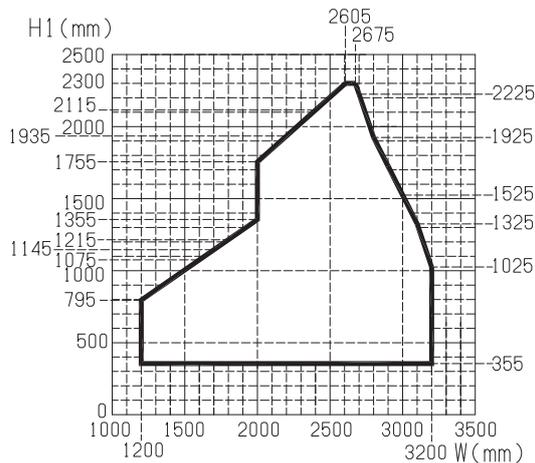
Crescent, Hook Lock, Hook Lock with key

## Size Limitation

### WH size



### H1 size

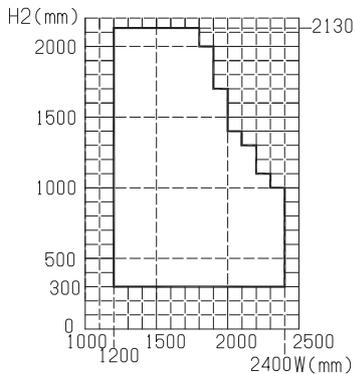


# FIX/SLIDING FLAT SILL 4 LEAVES

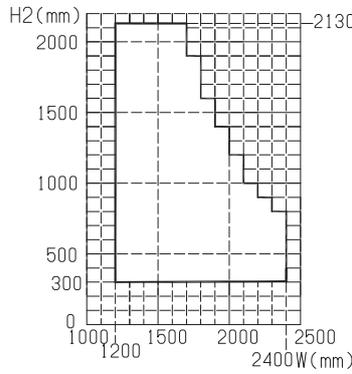
## SIZE LIMITATION & PRICE LIST

### Size Limitation

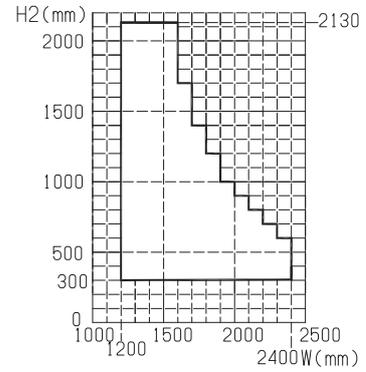
#### H2 size



Glass thickness 5 mm



Glass thickness 6 mm



Glass thickness 8 mm

### Size Limitation

1 See the price list below for the upper FIX

2 See page **44** for the lower Sliding window

Price :  +

\* The price list below is for 1 unit of FIX.

When W>2400, 1 unit will be divided to 2 units by muntin, and the price count double.

### FIX (Transom Price Included)

Juta Rp

| W (mm) |   | H (mm) |             |             |             |             |             |             |             |             |             |             |             |             |      |
|--------|---|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|
|        |   | 1,200  | 1,201-1,300 | 1,301-1,400 | 1,401-1,500 | 1,501-1,600 | 1,601-1,700 | 1,701-1,800 | 1,801-1,900 | 1,901-2,000 | 2,001-2,100 | 2,101-2,200 | 2,201-2,300 | 2,301-2,400 |      |
| 300    | ~ | 0.86   | 0.88        | 0.90        | 0.93        | 0.95        | 0.98        | 1.00        | 1.02        | 1.04        | 1.07        | 0.98        | 1.01        | 1.03        |      |
| 301    | ~ | 400    | 0.88        | 0.90        | 0.93        | 0.95        | 0.98        | 1.00        | 1.02        | 1.05        | 1.07        | 1.09        | 1.01        | 1.03        | 1.06 |
| 401    | ~ | 500    | 0.91        | 0.93        | 0.95        | 0.98        | 1.00        | 1.03        | 1.05        | 1.07        | 1.09        | 1.12        | 1.03        | 1.06        | 1.08 |
| 501    | ~ | 600    | 0.93        | 0.95        | 0.98        | 1.00        | 1.03        | 1.05        | 1.07        | 1.10        | 1.12        | 1.14        | 1.06        | 1.08        | 1.11 |
| 601    | ~ | 700    | 0.96        | 0.98        | 1.00        | 1.03        | 1.05        | 1.08        | 1.10        | 1.12        | 1.14        | 1.17        | 1.08        | 1.10        | 1.13 |
| 701    | ~ | 800    | 0.98        | 1.00        | 1.03        | 1.05        | 1.08        | 1.10        | 1.12        | 1.15        | 1.17        | 1.19        | 1.11        | 1.13        | 1.15 |
| 801    | ~ | 900    | 1.01        | 1.03        | 1.05        | 1.08        | 1.10        | 1.13        | 1.15        | 1.17        | 1.19        | 1.22        | 1.13        | 1.16        | 1.18 |
| 901    | ~ | 1,000  | 1.03        | 1.05        | 1.08        | 1.10        | 1.13        | 1.15        | 1.17        | 1.20        | 1.22        | 1.24        | 1.16        | 1.18        | 1.21 |
| 1,001  | ~ | 1,100  | 1.06        | 1.08        | 1.10        | 1.13        | 1.15        | 1.18        | 1.20        | 1.22        | 1.24        | 1.27        | 1.18        | 1.21        |      |
| 1,101  | ~ | 1,200  | 1.08        | 1.10        | 1.13        | 1.15        | 1.18        | 1.20        | 1.22        | 1.25        | 1.27        | 1.29        | 1.21        |             |      |
| 1,201  | ~ | 1,300  | 1.11        | 1.13        | 1.15        | 1.18        | 1.20        | 1.23        | 1.25        | 1.27        | 1.29        | 1.32        | 1.23        |             |      |
| 1,301  | ~ | 1,400  | 1.13        | 1.16        | 1.18        | 1.20        | 1.23        | 1.25        | 1.28        | 1.30        | 1.32        | 1.34        |             |             |      |
| 1,401  | ~ | 1,500  | 1.16        | 1.18        | 1.20        | 1.23        | 1.25        | 1.28        | 1.30        | 1.32        | 1.34        |             |             |             |      |
| 1,501  | ~ | 1,600  | 1.18        | 1.20        | 1.23        | 1.25        | 1.28        | 1.30        | 1.32        | 1.35        | 1.37        |             |             |             |      |
| 1,601  | ~ | 1,700  | 1.21        | 1.23        | 1.25        | 1.28        | 1.30        | 1.33        | 1.35        | 1.37        | 1.39        |             |             |             |      |
| 1,701  | ~ | 1,800  | 1.23        | 1.25        | 1.28        | 1.30        | 1.33        | 1.35        | 1.37        | 1.40        |             |             |             |             |      |
| 1,801  | ~ | 1,900  | 1.26        | 1.28        | 1.30        | 1.33        | 1.35        | 1.38        | 1.40        | 1.42        |             |             |             |             |      |
| 1,901  | ~ | 2,000  | 1.28        | 1.31        | 1.33        | 1.35        | 1.38        | 1.40        | 1.43        | 1.45        |             |             |             |             |      |
| 2,001  | ~ | 2,100  | 1.31        | 1.33        | 1.35        | 1.38        | 1.40        | 1.43        | 1.45        |             |             |             |             |             |      |
| 2,101  | ~ | 2,200  | 1.33        | 1.35        | 1.38        | 1.40        | 1.43        | 1.45        | 1.47        |             |             |             |             |             |      |







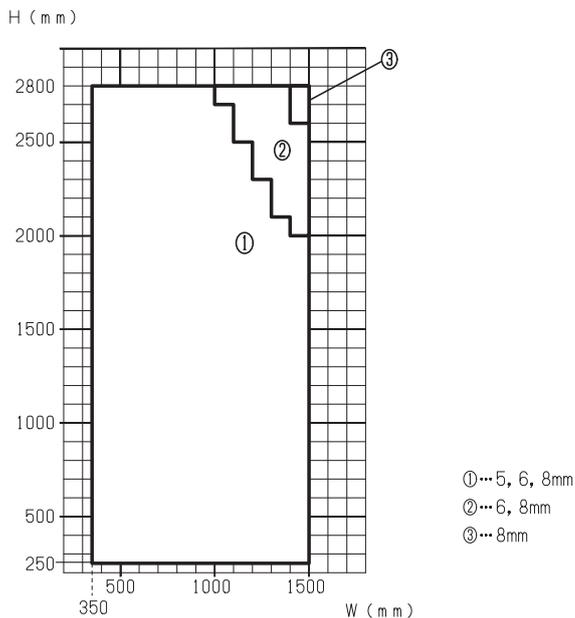
**Performance**

|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

**Glass**

| Glass Size    | Qty | Thickness |
|---------------|-----|-----------|
| (W-62)×(H-62) | 1   | 5,6,8     |

**Size Limitation**



# FIX

## PRICE LIST

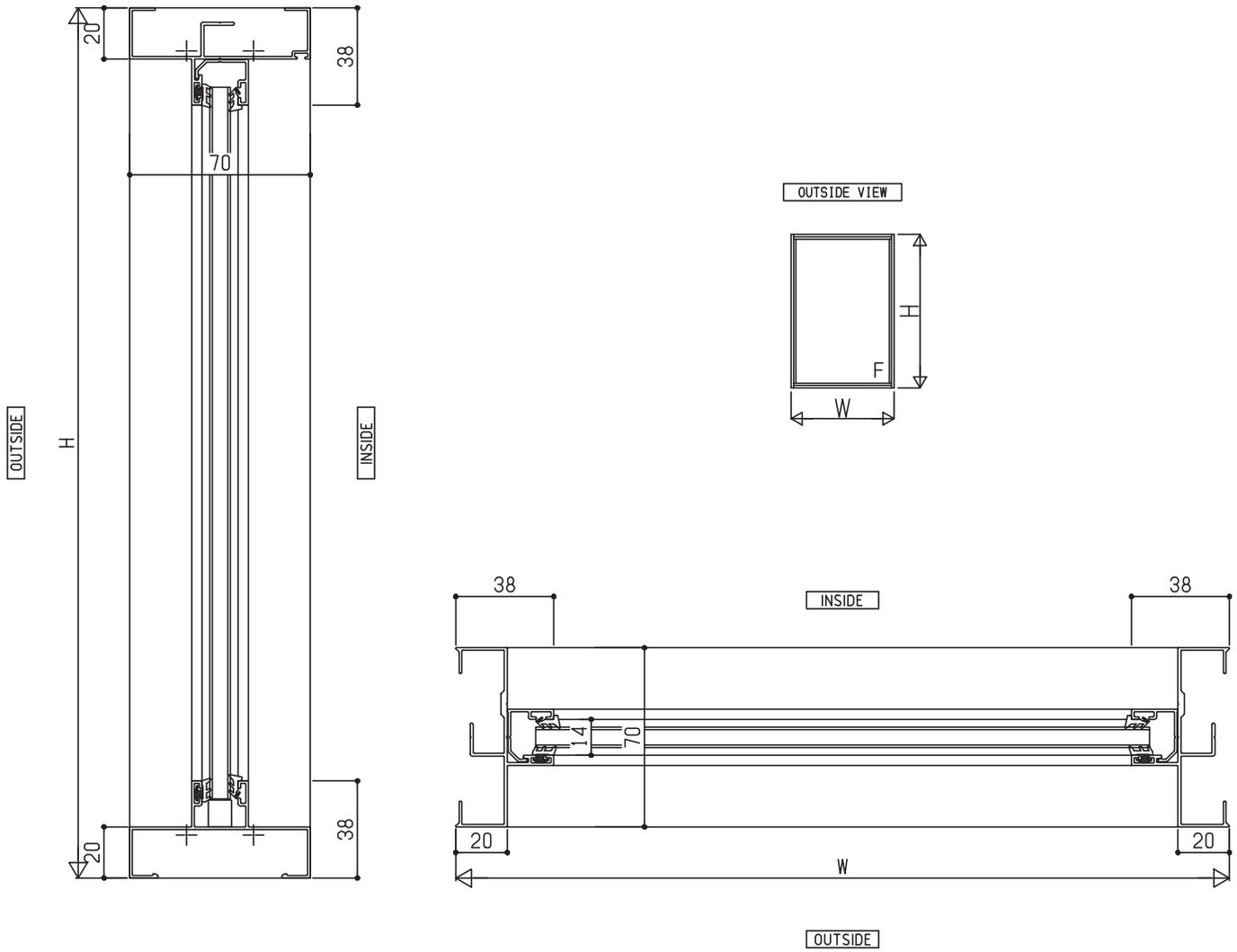
Juta Rp

| W (mm) \ H (mm) | 350-400 | 401-500 | 501-600 | 601-700 | 701-800 | 801-900 | 901-1,000 | 1001-1,100 | 1101-1,200 | 1201-1,300 | 1301-1,400 | 1401-1,500 |
|-----------------|---------|---------|---------|---------|---------|---------|-----------|------------|------------|------------|------------|------------|
| 300             | 0.26    | 0.28    | 0.30    | 0.33    | 0.35    | 0.37    | 0.39      | 0.42       | 0.44       | 0.46       | 0.49       | 0.51       |
| 301 ~ 400       | 0.28    | 0.30    | 0.33    | 0.35    | 0.37    | 0.40    | 0.42      | 0.44       | 0.47       | 0.49       | 0.51       | 0.53       |
| 401 ~ 500       | 0.31    | 0.33    | 0.35    | 0.37    | 0.40    | 0.42    | 0.44      | 0.47       | 0.49       | 0.51       | 0.54       | 0.56       |
| 501 ~ 600       | 0.33    | 0.35    | 0.38    | 0.40    | 0.42    | 0.45    | 0.47      | 0.49       | 0.51       | 0.54       | 0.56       | 0.58       |
| 601 ~ 700       | 0.36    | 0.38    | 0.40    | 0.42    | 0.45    | 0.47    | 0.49      | 0.52       | 0.54       | 0.56       | 0.59       | 0.61       |
| 701 ~ 800       | 0.38    | 0.40    | 0.43    | 0.45    | 0.47    | 0.50    | 0.52      | 0.54       | 0.56       | 0.59       | 0.61       | 0.63       |
| 801 ~ 900       | 0.41    | 0.43    | 0.45    | 0.48    | 0.50    | 0.52    | 0.54      | 0.57       | 0.59       | 0.61       | 0.64       | 0.66       |
| 901 ~ 1,000     | 0.43    | 0.45    | 0.48    | 0.50    | 0.52    | 0.55    | 0.57      | 0.59       | 0.62       | 0.64       | 0.66       | 0.68       |
| 1,001 ~ 1,100   | 0.46    | 0.48    | 0.50    | 0.52    | 0.55    | 0.57    | 0.59      | 0.62       | 0.64       | 0.66       | 0.69       | 0.71       |
| 1,101 ~ 1,200   | 0.48    | 0.50    | 0.53    | 0.55    | 0.57    | 0.60    | 0.62      | 0.64       | 0.66       | 0.69       | 0.71       | 0.73       |
| 1,201 ~ 1,300   | 0.51    | 0.53    | 0.55    | 0.57    | 0.60    | 0.62    | 0.64      | 0.67       | 0.69       | 0.71       | 0.74       | 0.76       |
| 1,301 ~ 1,400   | 0.53    | 0.55    | 0.58    | 0.60    | 0.62    | 0.65    | 0.67      | 0.69       | 0.72       | 0.74       | 0.76       | 0.78       |
| 1,401 ~ 1,500   | 0.56    | 0.58    | 0.60    | 0.63    | 0.65    | 0.67    | 0.69      | 0.72       | 0.74       | 0.76       | 0.79       | 0.81       |
| 1,501 ~ 1,600   | 0.58    | 0.60    | 0.63    | 0.65    | 0.67    | 0.70    | 0.72      | 0.74       | 0.77       | 0.79       | 0.81       | 0.83       |
| 1,601 ~ 1,700   | 0.61    | 0.63    | 0.65    | 0.67    | 0.70    | 0.72    | 0.74      | 0.77       | 0.79       | 0.81       | 0.84       | 0.86       |
| 1,701 ~ 1,800   | 0.63    | 0.65    | 0.68    | 0.70    | 0.72    | 0.75    | 0.77      | 0.79       | 0.81       | 0.84       | 0.86       | 0.88       |
| 1,801 ~ 1,900   | 0.66    | 0.68    | 0.70    | 0.73    | 0.75    | 0.77    | 0.79      | 0.82       | 0.84       | 0.86       | 0.89       | 0.91       |
| 1,901 ~ 2,000   | 0.68    | 0.70    | 0.73    | 0.75    | 0.77    | 0.80    | 0.82      | 0.84       | 0.87       | 0.89       | 0.91       | 0.93       |
| 2,001 ~ 2,100   | 0.71    | 0.73    | 0.75    | 0.78    | 0.80    | 0.82    | 0.84      | 0.87       | 0.89       | 0.91       | 0.94       | 0.96       |
| 2,101 ~ 2,200   | 0.73    | 0.75    | 0.78    | 0.80    | 0.82    | 0.85    | 0.87      | 0.89       | 0.92       | 0.94       | 0.96       | 0.98       |
| 2,201 ~ 2,300   | 0.76    | 0.78    | 0.80    | 0.82    | 0.85    | 0.87    | 0.89      | 0.92       | 0.94       | 0.96       | 0.99       | 1.01       |
| 2,301 ~ 2,400   | 0.78    | 0.80    | 0.83    | 0.85    | 0.87    | 0.90    | 0.92      | 0.94       | 0.97       | 0.99       | 1.01       | 1.03       |
| 2,401 ~ 2,500   | 0.81    | 0.83    | 0.85    | 0.88    | 0.90    | 0.92    | 0.94      | 0.97       | 0.99       | 1.01       | 1.04       | 1.06       |
| 2,501 ~ 2,600   | 0.83    | 0.85    | 0.88    | 0.90    | 0.92    | 0.95    | 0.97      | 0.99       | 1.02       | 1.04       | 1.06       | 1.08       |
| 2,601 ~ 2,700   | 0.86    | 0.88    | 0.90    | 0.93    | 0.95    | 0.97    | 0.99      | 1.02       | 1.04       | 1.06       | 1.09       | 1.11       |
| 2,701 ~ 2,800   | 0.88    | 0.90    | 0.93    | 0.95    | 0.97    | 1.00    | 1.02      | 1.04       | 1.07       | 1.09       | 1.11       | 1.13       |

\*This price is not included glass, assembling fee, delivery fee and installation fee.

# FIX

## SYSTEM DRAWING



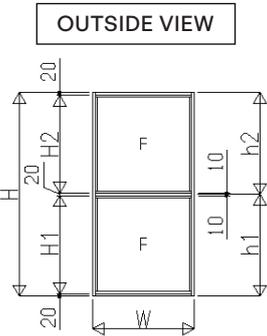




**Performance**

|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

**Standard Specification**

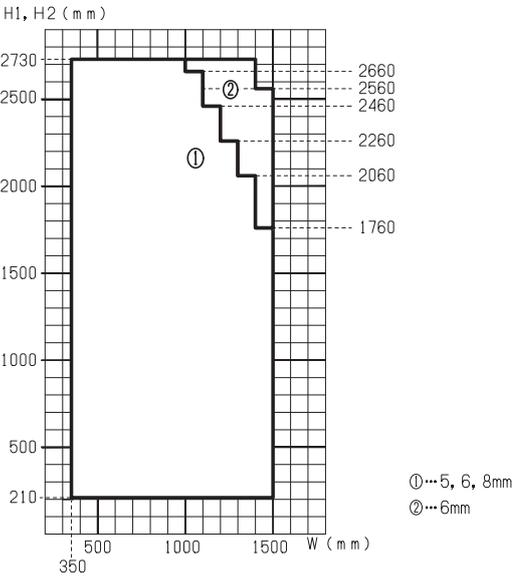
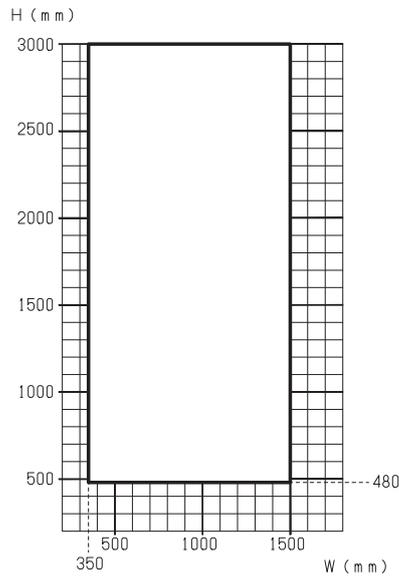


**h1, h2 :**  
System Order  
Dimensions

**Glass**

|       | Glass Size     | Qty | Thickness |
|-------|----------------|-----|-----------|
| Upper | (W-62)×(H2-22) | 1   | 5,6,8     |
| Lower | (W-62)×(H1-22) | 1   | 5,6,8     |

**Size Limitation**



\*Size limitation for continuous windows : please see page 83 (Mullion, T-Mullion information)

# FIX/FIX

## PRICE LIST

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1 See page **52** for the upper FIX

---

2 See page **52** for the lower FIX

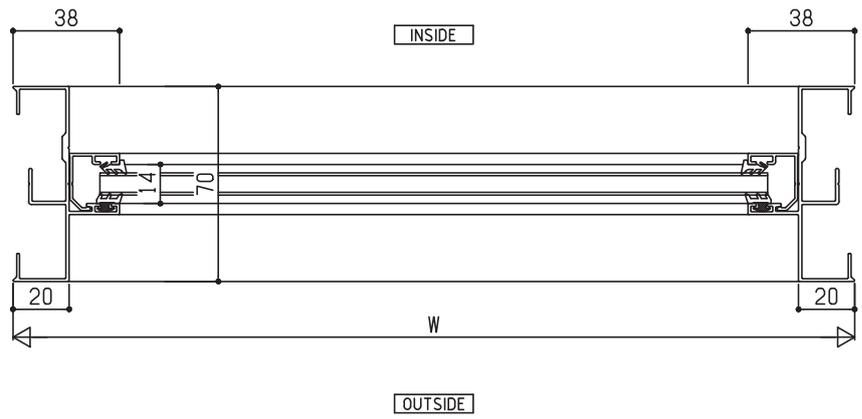
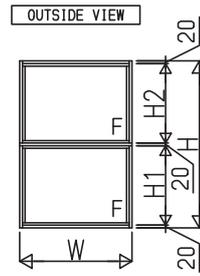
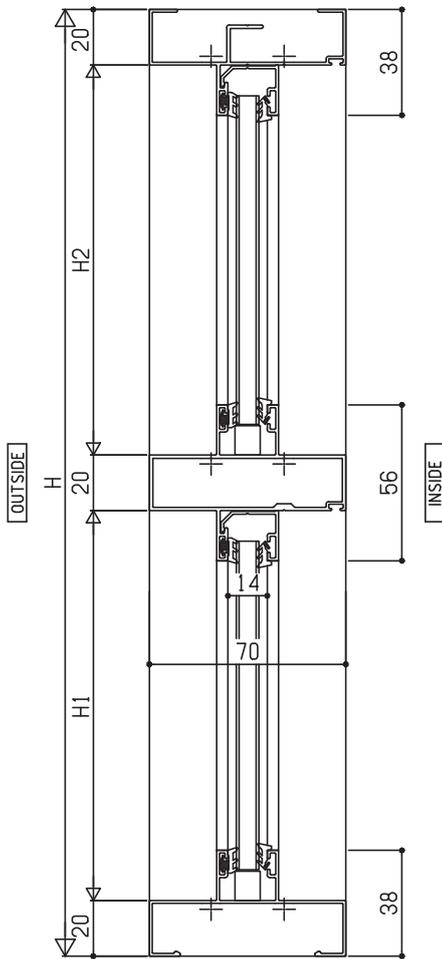
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Price : 1 + 2 - TRANSOM

\*Please check the price on the MADELA online system.

# FIX/FIX

SYSTEM DRAWING





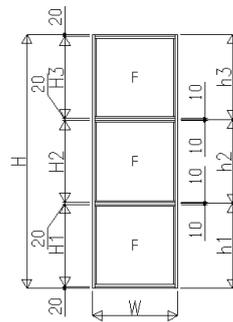


## Performance

|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Standard Specification

### OUTSIDE VIEW

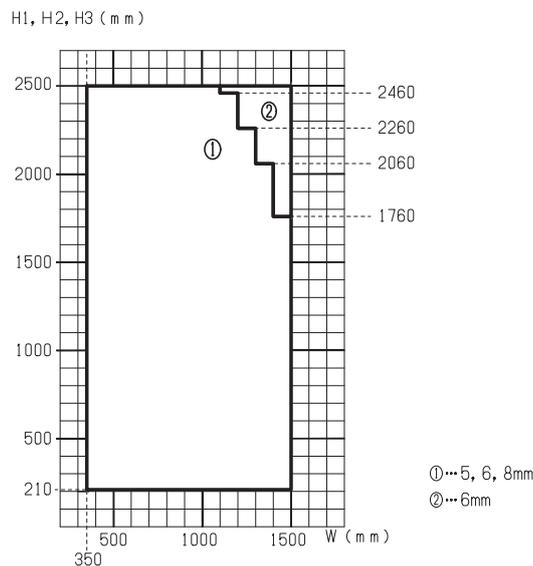
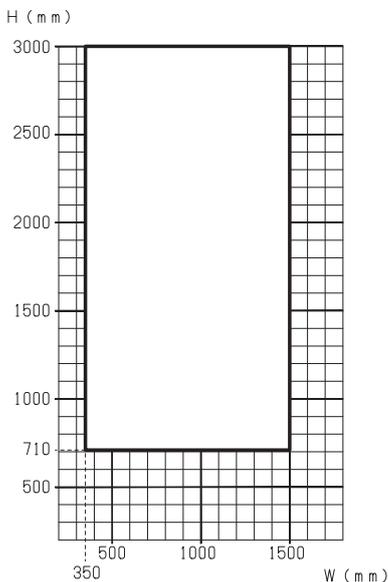


**h1, h2, h3 :**  
System Order  
Dimensions

## Glass

|        | Glass Size     | Qty | Thickness |
|--------|----------------|-----|-----------|
| Upper  | (W-62)×(H3-22) | 1   | 5,6,8     |
| Middle | (W-62)×(H2-22) | 1   | 5,6,8     |
| Lower  | (W-62)×(H1-22) | 1   | 5,6,8     |

## Size Limitation



\*Size limitation for continuous windows : please see page 83 (Mullion, T-Mullion information)

# FIX/FIX/FIX

## PRICE LIST

---

1 See page **52** for the upper FIX

---

2 See page **52** for the middle FIX

---

3 See page **52** for the lower FIX

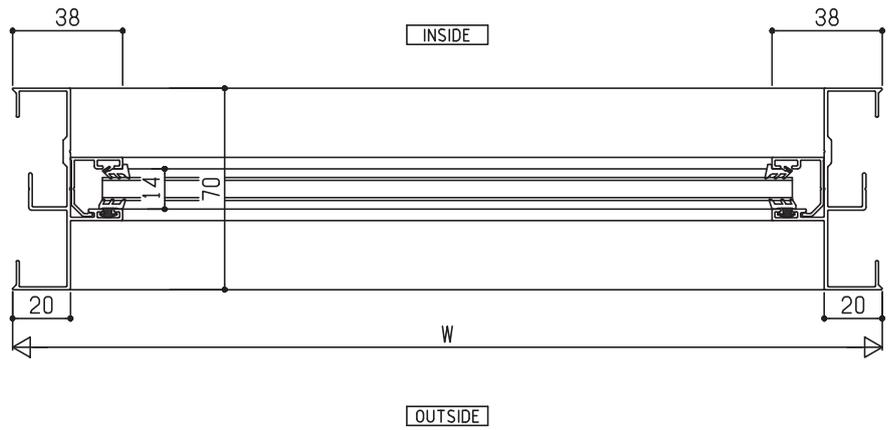
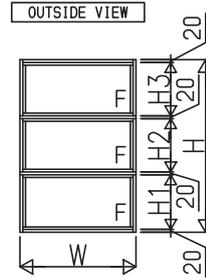
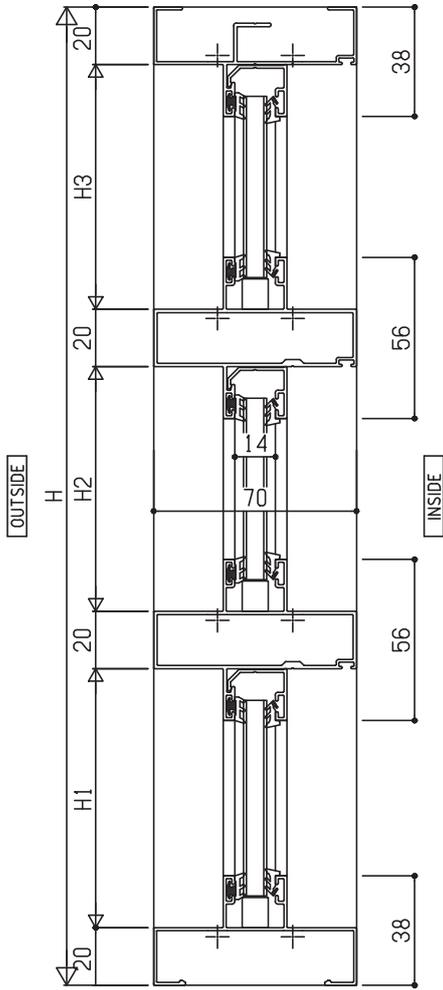
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Price : 1 + 2 + 3 - TRANSOM

\*Please check the price on the MADELA online system.

# FIX/FIX/FIX

## SYSTEM DRAWING







## Performance

|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Specifications

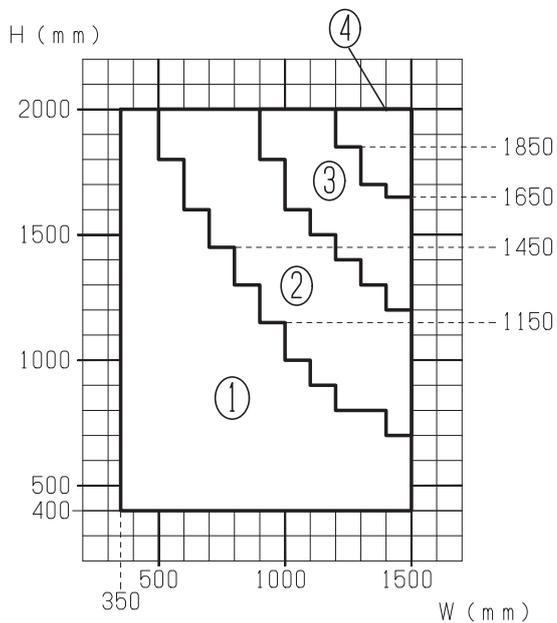
### Selected parts :

Camlatch, Multipoint Lock

## Glass

| Glass Size      | Qty | Thickness |
|-----------------|-----|-----------|
| (W-118)×(H-120) | 1   | 5,6,8     |

## Size Limitation



- ①...5, 6, 8mm (CAMLATCH)
- ②...5, 6, 8mm (MULTI POINT)
- ③...5.6mm (MULTI POINT)
- ④...5mm (MULTI POINT)

# TOP HUNG

## PRICE LIST

Juta Rp

| H (mm) \ W (mm) | 350- | 401- | 501- | 601- | 701- | 801- | 901-  | 1001- | 1101- | 1201- | 1301- | 1401- |
|-----------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
|                 | 400  | 500  | 600  | 700  | 800  | 900  | 1,000 | 1,100 | 1,200 | 1,300 | 1,400 | 1,500 |
| 400             | 0.83 | 0.87 | 0.90 | 0.94 | 0.98 | 1.02 | 1.06  | 1.09  | 1.12  | 1.16  | 1.20  | 1.24  |
| 401 ~ 500       | 0.87 | 0.90 | 0.94 | 0.98 | 1.02 | 1.06 | 1.10  | 1.12  | 1.16  | 1.20  | 1.24  | 1.27  |
| 501 ~ 600       | 0.91 | 0.94 | 0.98 | 1.02 | 1.06 | 1.10 | 1.13  | 1.16  | 1.20  | 1.24  | 1.28  | 1.31  |
| 601 ~ 700       | 0.96 | 1.00 | 1.04 | 1.08 | 1.12 | 1.15 | 1.19  | 1.22  | 1.26  | 1.29  | 1.33  | 1.37  |
| 701 ~ 800       | 1.00 | 1.04 | 1.08 | 1.12 | 1.16 | 1.19 | 1.23  | 1.26  | 1.29  | 1.33  | 1.37  | 1.44  |
| 801 ~ 900       | 1.04 | 1.08 | 1.12 | 1.16 | 1.20 | 1.23 | 1.27  | 1.29  | 1.33  | 1.41  | 1.44  | 1.48  |
| 901 ~ 1,000     | 1.17 | 1.20 | 1.24 | 1.28 | 1.32 | 1.36 | 1.40  | 1.42  | 1.49  | 1.53  | 1.57  | 1.60  |
| 1,001 ~ 1,100   | 1.21 | 1.24 | 1.28 | 1.32 | 1.36 | 1.40 | 1.44  | 1.49  | 1.53  | 1.57  | 1.61  | 1.64  |
| 1,101 ~ 1,150   | 1.21 | 1.25 | 1.29 | 1.33 | 1.37 | 1.40 | 1.50  | 1.50  | 1.54  | 1.57  | 1.61  | 1.65  |
| 1,151 ~ 1,200   | 1.23 | 1.27 | 1.31 | 1.35 | 1.39 | 1.42 | 1.52  | 1.52  | 1.56  | 1.59  | 1.63  | 1.67  |
| 1,201 ~ 1,300   | 1.27 | 1.31 | 1.35 | 1.39 | 1.43 | 1.52 | 1.56  | 1.56  | 1.60  | 1.63  | 1.67  | 1.71  |
| 1,301 ~ 1,400   | 1.31 | 1.35 | 1.39 | 1.43 | 1.47 | 1.56 | 1.60  | 1.60  | 1.63  | 1.67  | 1.71  | 1.74  |
| 1,401 ~ 1,450   | 1.33 | 1.37 | 1.41 | 1.45 | 1.53 | 1.58 | 1.62  | 1.62  | 1.65  | 1.69  | 1.73  | 1.76  |
| 1,451 ~ 1,500   | 1.35 | 1.39 | 1.43 | 1.47 | 1.55 | 1.60 | 1.64  | 1.64  | 1.67  | 1.71  | 1.75  | 1.78  |
| 1,501 ~ 1,600   | 1.39 | 1.43 | 1.47 | 1.51 | 1.59 | 1.64 | 1.68  | 1.67  | 1.71  | 1.75  | 1.78  | 1.82  |
| 1,601 ~ 1,700   | 1.42 | 1.45 | 1.49 | 1.55 | 1.59 | 1.64 | 1.68  | 1.71  | 1.75  | 1.79  | 1.82  | 1.86  |
| 1,701 ~ 1,800   | 1.46 | 1.49 | 1.53 | 1.59 | 1.63 | 1.68 | 1.71  | 1.75  | 1.79  | 1.82  | 1.86  | 1.90  |
| 1,801 ~ 1,900   | 1.49 | 1.53 | 1.60 | 1.63 | 1.67 | 1.71 | 1.75  | 1.79  | 1.83  | 1.86  | 1.90  | 1.94  |
| 1,901 ~ 2,000   | 1.53 | 1.57 | 1.63 | 1.67 | 1.71 | 1.75 | 1.79  | 1.83  | 1.86  | 1.90  | 1.94  | 1.97  |

 Handle Camlatch type

 Handle Multi Point type

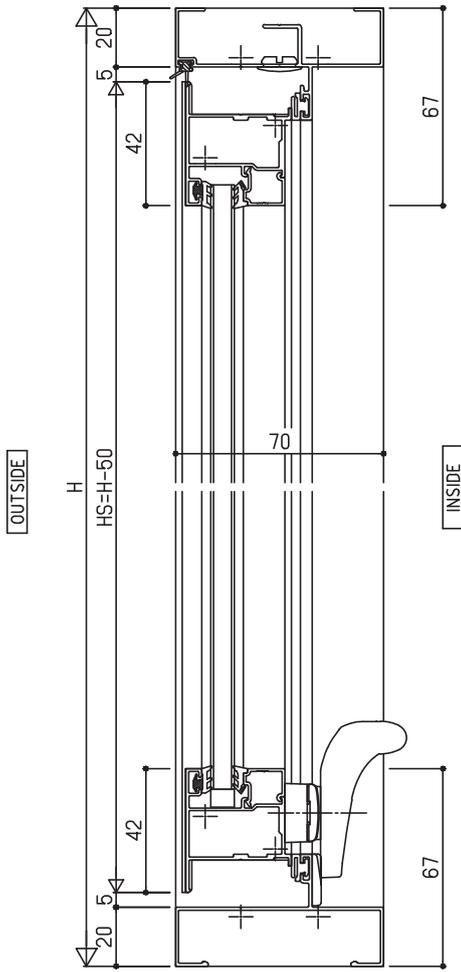
\*This price is not included glass, assembling fee, delivery fee and installation fee.

\* In case of adding Stopper base on size limitation;

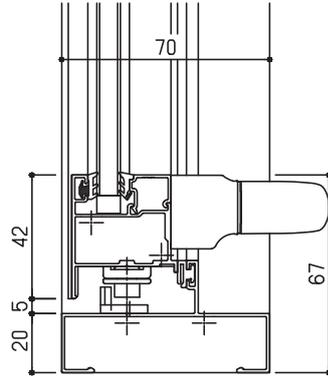
- Arm stopper please add<sup>o</sup> IDR 165.150,- to the price list above.
- Alm Plate 33 mm please add<sup>o</sup> IDR 12.990,- to the price list above.
- Alm Plate 47 mm please add<sup>o</sup> IDR 16.720,- to the price list above.

# TOP HUNG

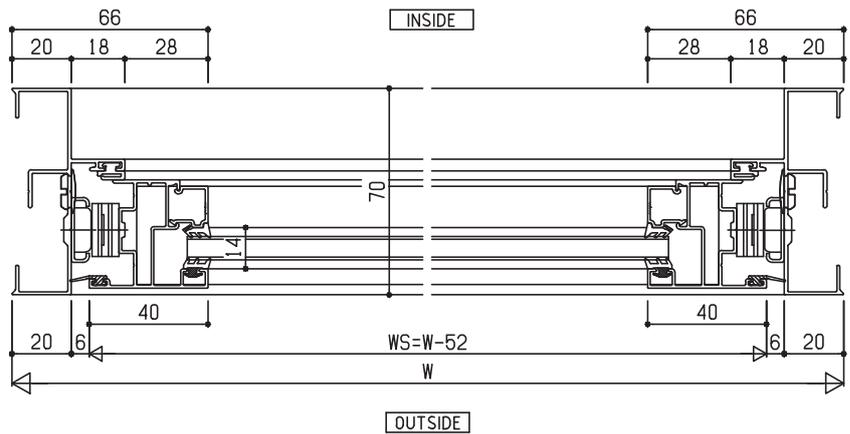
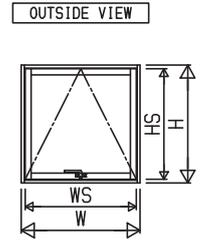
## SYSTEM DRAWING



**CAMLATCH**



**MULTIPOINT LOCK**



\* The handle type is automatically selected according to the size range.  
Please check the size limitation graph.

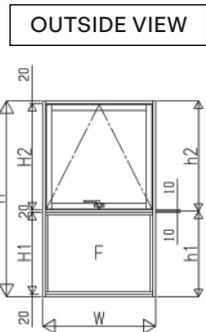




## Performance

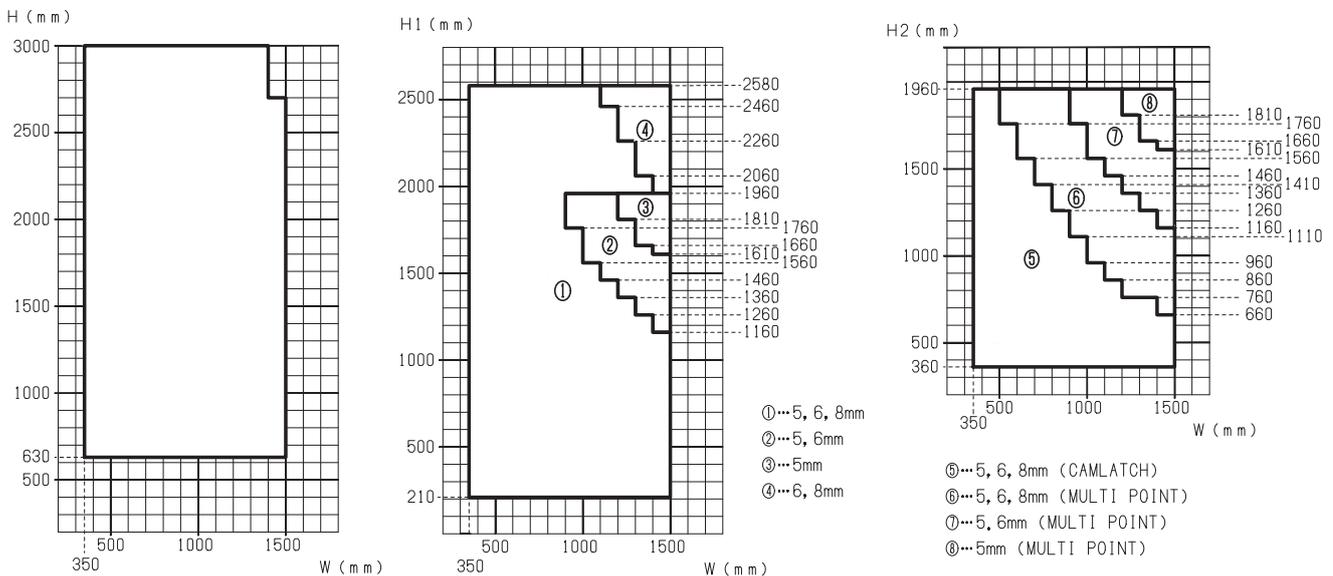
|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Standard Specification



h1, h2 :  
System Order  
Dimensions

## Size Limitation



\*Size limitation for continuous windows : please see page 83 (Mullion, T-Mullion information)

# TOP HUNG/FIX

## PRICE LIST

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1 See page **64** for the upper Top Hung

---

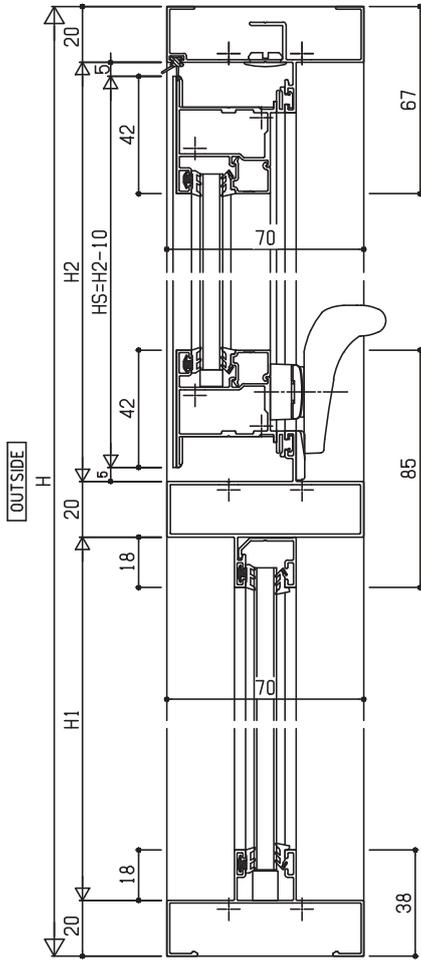
2 See page **52** for the lower FIX

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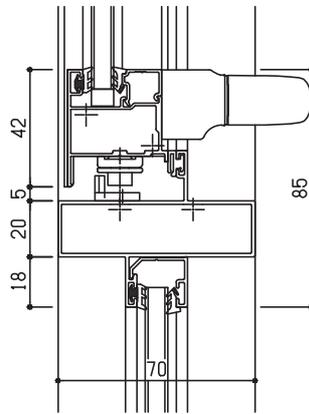
Price : 1 + 2 - TRANSOM

\*Please check the price on the MADELA online system.

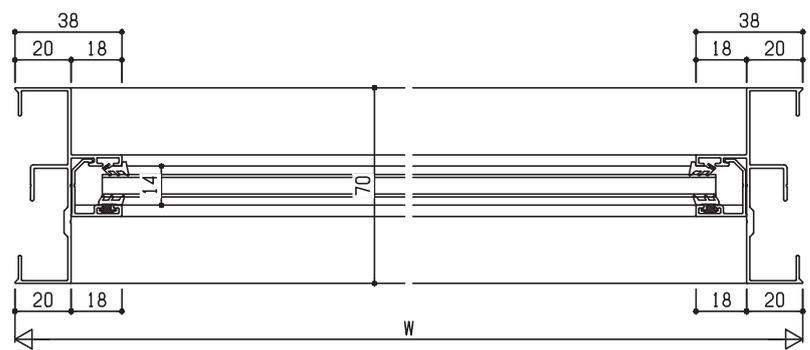
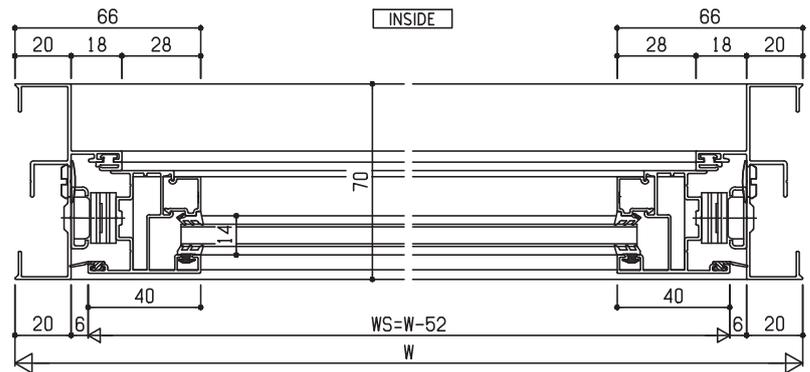
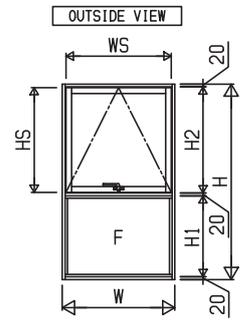
# TOP HUNG/FIX SYSTEM DRAWING



**CAMLATCH**



**MULTIPOINT LOCK**

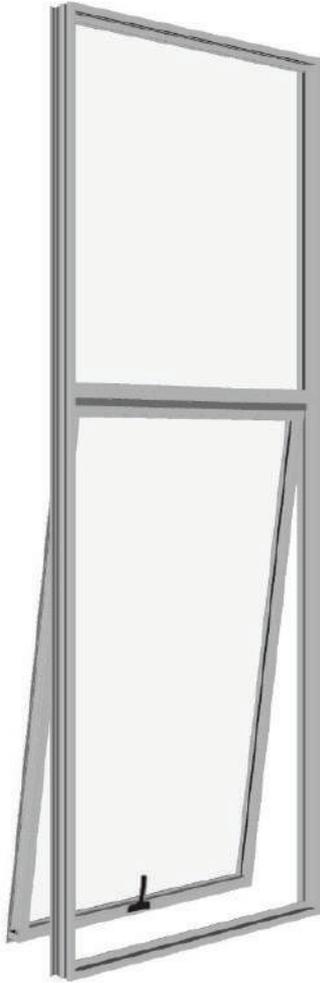


OUTSIDE

\* The handle type is automatically selected according to the size range.  
Please check the size limitation graph.



# FIX/TOP HUNG

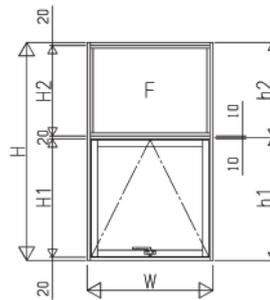


## Performance

|                        |         |
|------------------------|---------|
| Structural (Wind Load) | 1200 Pa |
| Water Tightness        | 200 Pa  |
| Sound Insulation       | -25 dB  |

## Standard Specification

OUTSIDE VIEW

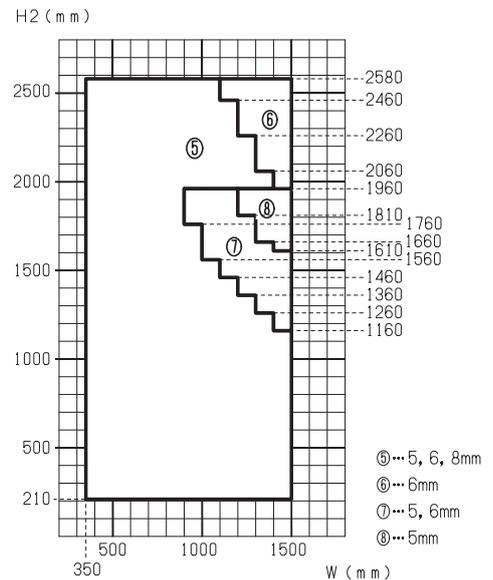
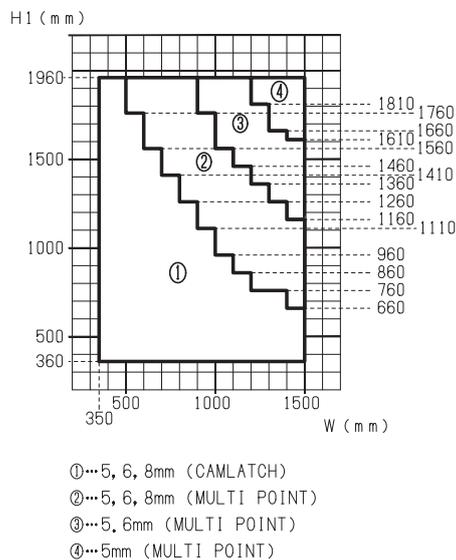
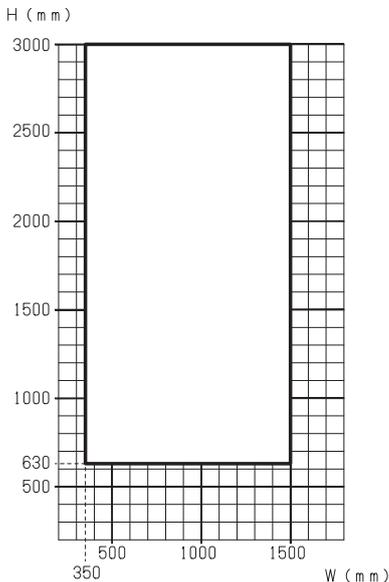


h1, h2 :  
System Order  
Dimensions

## Glass

|     | Glass Size      | Qty | Thickness |
|-----|-----------------|-----|-----------|
| FIX | (W-62)×(H2-22)  | 1   | 5,6,8     |
| TH  | (W-118)×(H1-80) | 1   | 5,6,8     |

## Size Limitation



\*Size limitation for continuous windows : please see page 83 (Mullion, T-Mullion information)

# FIX/TOP HUNG

## PRICE LIST

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1 See page **52** for the upper FIX

---

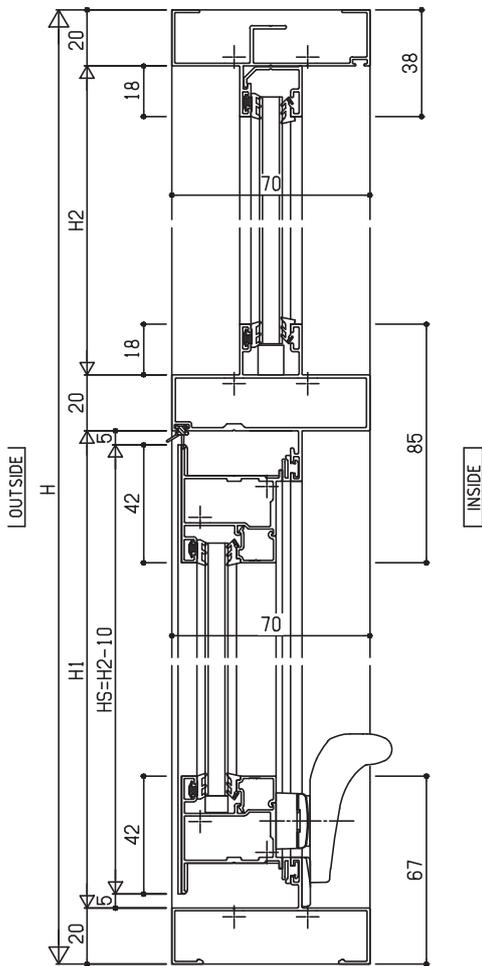
2 See page **64** for the lower Top Hung

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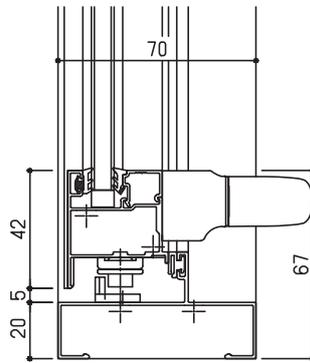
Price : 1 + 2 - TRANSOM

\*Please check the price on the MADELA online system.

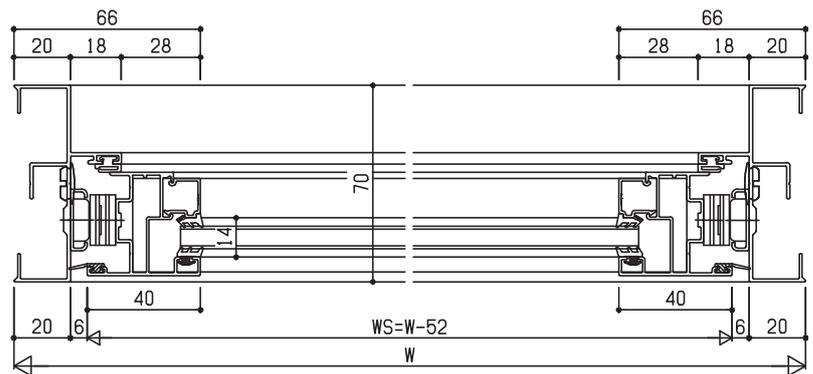
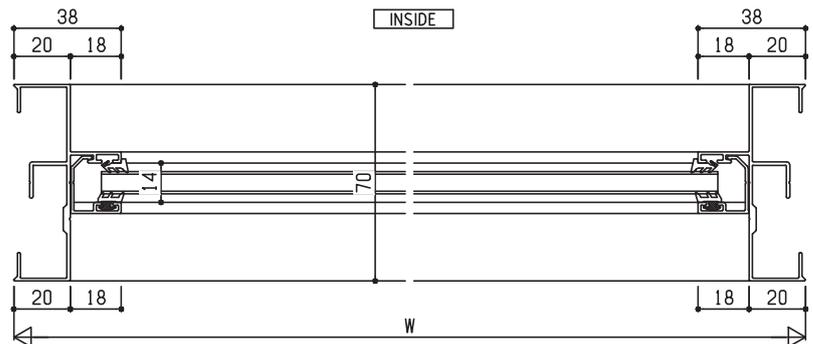
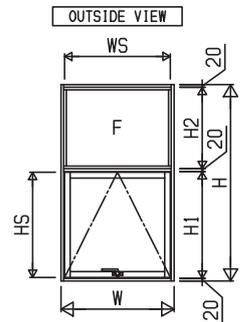
# FIX/TOP HUNG SYSTEM DRAWING



**CAMLATCH**



**MULTIPOINT LOCK**



**OUTSIDE**

\* The handle type is automatically selected according to the size range.  
Please check the size limitation graph.



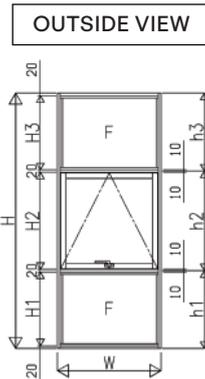
# FIX/TOP HUNG/FIX



## Performance

|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Standard Specification

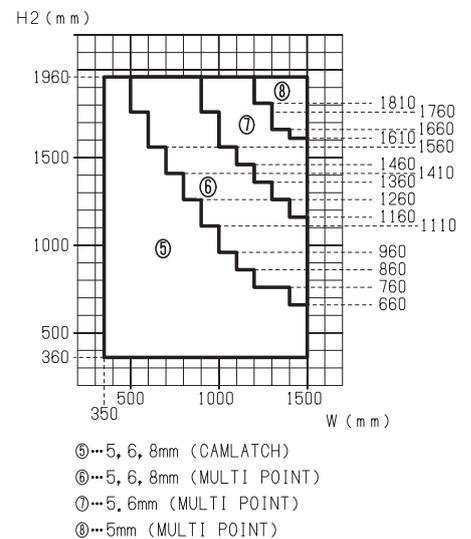
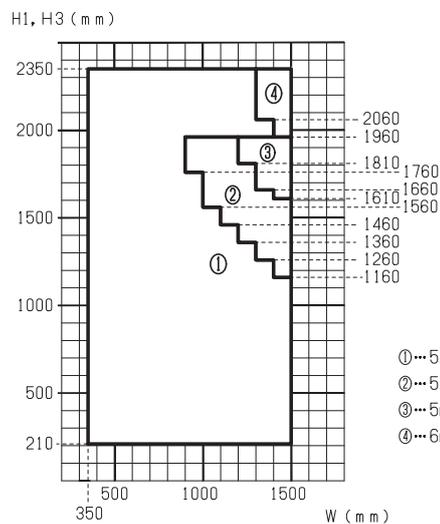
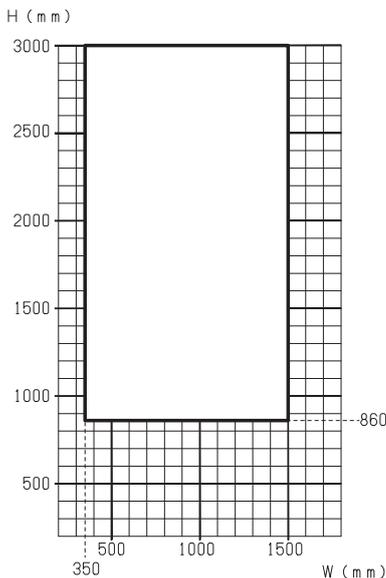


h1, h2, h3 :  
System Order  
Dimensions

## Glass

|     | Glass Size        | Qty | Thickness |
|-----|-------------------|-----|-----------|
| FIX | (W-62) × (H3-22)  | 1   | 5,6,8     |
| TH  | (W-118) × (H2-80) | 1   | 5,6,8     |
| FIX | (W-62) × (H1-22)  | 1   | 5,6,8     |

## Size Limitation



\*Size limitation for continuous windows : please see page 83 (Mullion, T-Mullion information)

# FIX/TOP HUNG/FIX

## PRICE LIST

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1 See page **52** for the upper FIX

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2 See page **64** for the middle Top Hung

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3 See page **52** for the lower FIX

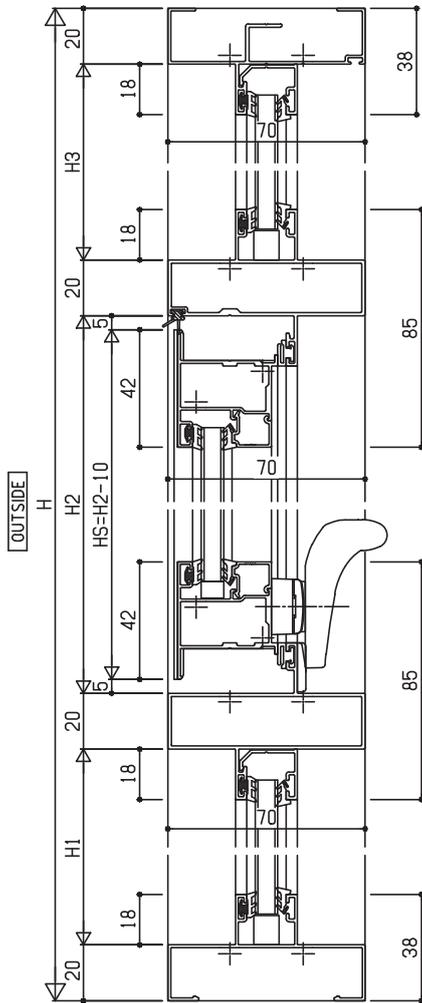
---

Price : 1 + 2 + 3 - TRANSOM

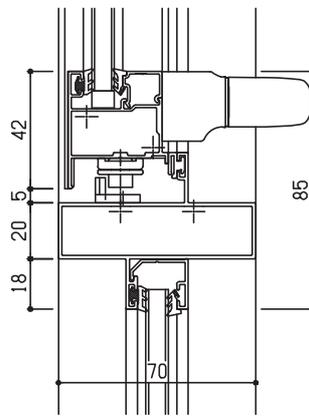
\*Please check the price on the MADELA online system.

# FIX/TOP HUNG/FIX

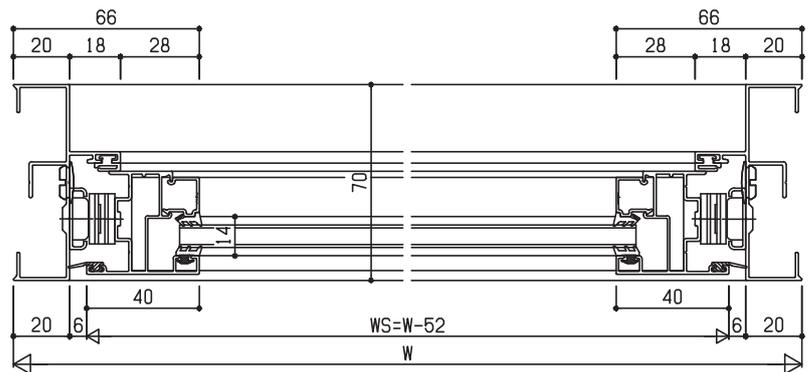
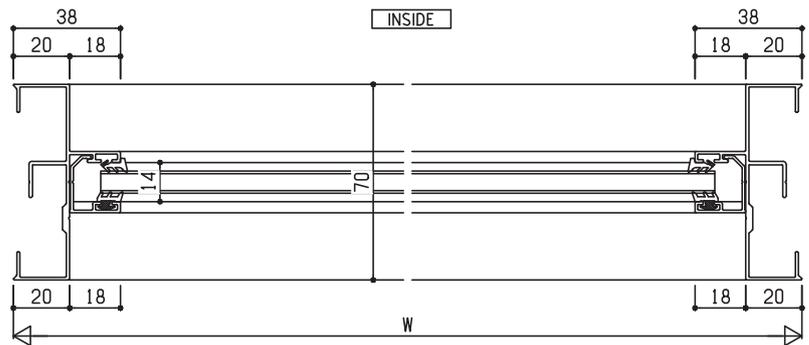
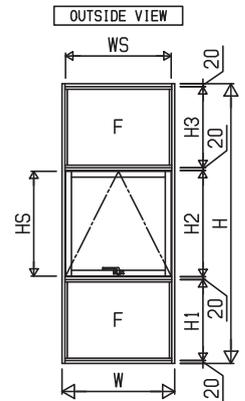
## SYSTEM DRAWING



**CAMLATCH**



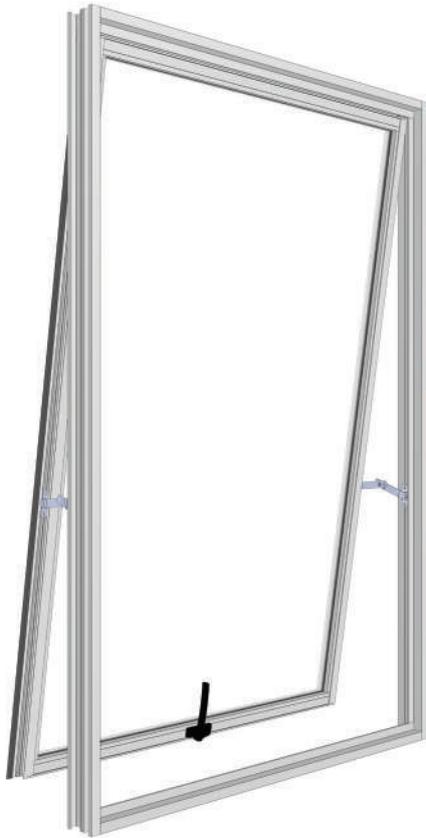
**MULTIPOINT LOCK**



\* The handle type is automatically selected according to the size range.  
Please check the size limitation graph.



# TOP HUNG FRICTION STAYLESS



## Performance

|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Specifications

### Selected parts :

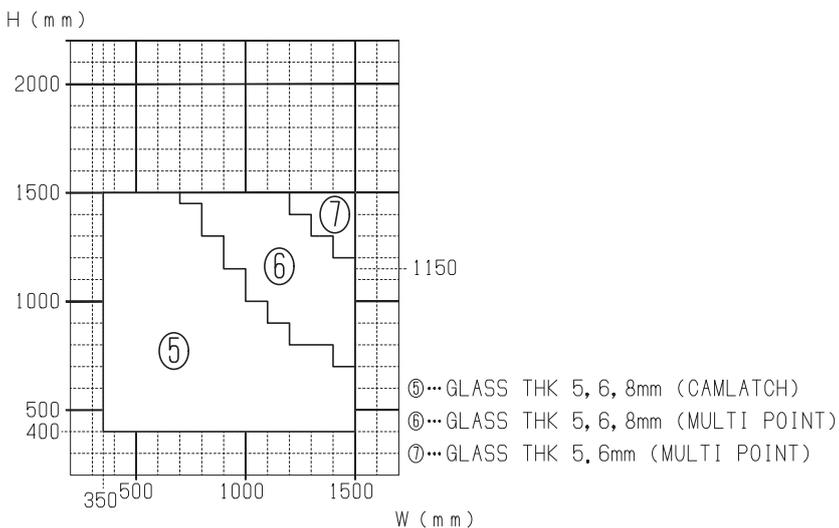
Cam latch, Multipoint Lock

## Glass

| Glass Size      | Qty | Thickness |
|-----------------|-----|-----------|
| (W-118)×(H-120) | 1   | 5,6,8     |

## Size Limitation

1200Pa



# TOP HUNG FRICTION STAYLESS

## PRICE LIST

Juta Rp

| W (mm) |         | 350-400 | 401-500 | 501-600 | 601-700 | 701-800 | 801-900 | 901-1,000 | 1001-1,100 | 1101-1,200 | 1201-1,300 | 1301-1,400 | 1401-1,500 |
|--------|---------|---------|---------|---------|---------|---------|---------|-----------|------------|------------|------------|------------|------------|
| H (mm) | 400     | 0.71    | 0.76    | 0.80    | 0.85    | 0.89    | 0.93    | 0.98      | 1.02       | 1.07       | 1.11       | 1.16       | 1.20       |
| 401    | ~ 500   | 0.76    | 0.80    | 0.84    | 0.89    | 0.93    | 0.98    | 1.02      | 1.06       | 1.11       | 1.15       | 1.20       | 1.24       |
| 501    | ~ 600   | 0.80    | 0.84    | 0.88    | 0.93    | 0.97    | 1.02    | 1.06      | 1.11       | 1.15       | 1.19       | 1.24       | 1.28       |
| 601    | ~ 700   | 0.84    | 0.89    | 0.93    | 0.97    | 1.01    | 1.06    | 1.10      | 1.15       | 1.19       | 1.24       | 1.28       | 1.32       |
| 701    | ~ 800   | 0.89    | 0.93    | 0.97    | 1.01    | 1.06    | 1.10    | 1.14      | 1.19       | 1.23       | 1.28       | 1.32       | 1.39       |
| 801    | ~ 900   | 0.93    | 0.97    | 1.01    | 1.06    | 1.10    | 1.14    | 1.19      | 1.23       | 1.27       | 1.35       | 1.39       | 1.44       |
| 901    | ~ 1,000 | 0.97    | 1.02    | 1.06    | 1.10    | 1.14    | 1.19    | 1.23      | 1.27       | 1.34       | 1.39       | 1.43       | 1.48       |
| 1,001  | ~ 1,100 | 1.02    | 1.06    | 1.10    | 1.14    | 1.19    | 1.23    | 1.27      | 1.34       | 1.39       | 1.43       | 1.47       | 1.52       |
| 1,101  | ~ 1,150 | 1.04    | 1.08    | 1.12    | 1.17    | 1.21    | 1.25    | 1.29      | 1.36       | 1.41       | 1.45       | 1.50       | 1.54       |
| 1,151  | ~ 1,200 | 1.06    | 1.10    | 1.15    | 1.19    | 1.23    | 1.27    | 1.34      | 1.39       | 1.43       | 1.47       | 1.52       | 1.56       |
| 1,201  | ~ 1,300 | 1.10    | 1.15    | 1.19    | 1.23    | 1.27    | 1.34    | 1.39      | 1.43       | 1.47       | 1.51       | 1.56       | 1.60       |
| 1,301  | ~ 1,400 | 1.15    | 1.19    | 1.23    | 1.27    | 1.32    | 1.39    | 1.43      | 1.47       | 1.51       | 1.56       | 1.60       | 1.64       |
| 1,401  | ~ 1,450 | 1.17    | 1.21    | 1.25    | 1.30    | 1.37    | 1.41    | 1.45      | 1.49       | 1.54       | 1.58       | 1.62       | 1.66       |
| 1,451  | ~ 1,500 | 1.19    | 1.23    | 1.28    | 1.32    | 1.39    | 1.43    | 1.47      | 1.52       | 1.56       | 1.60       | 1.64       | 1.69       |

 Handle Camlatch type

 Handle Multi Point type

\* This price is not included glass, assembling fee, delivery fee and instalation fee.

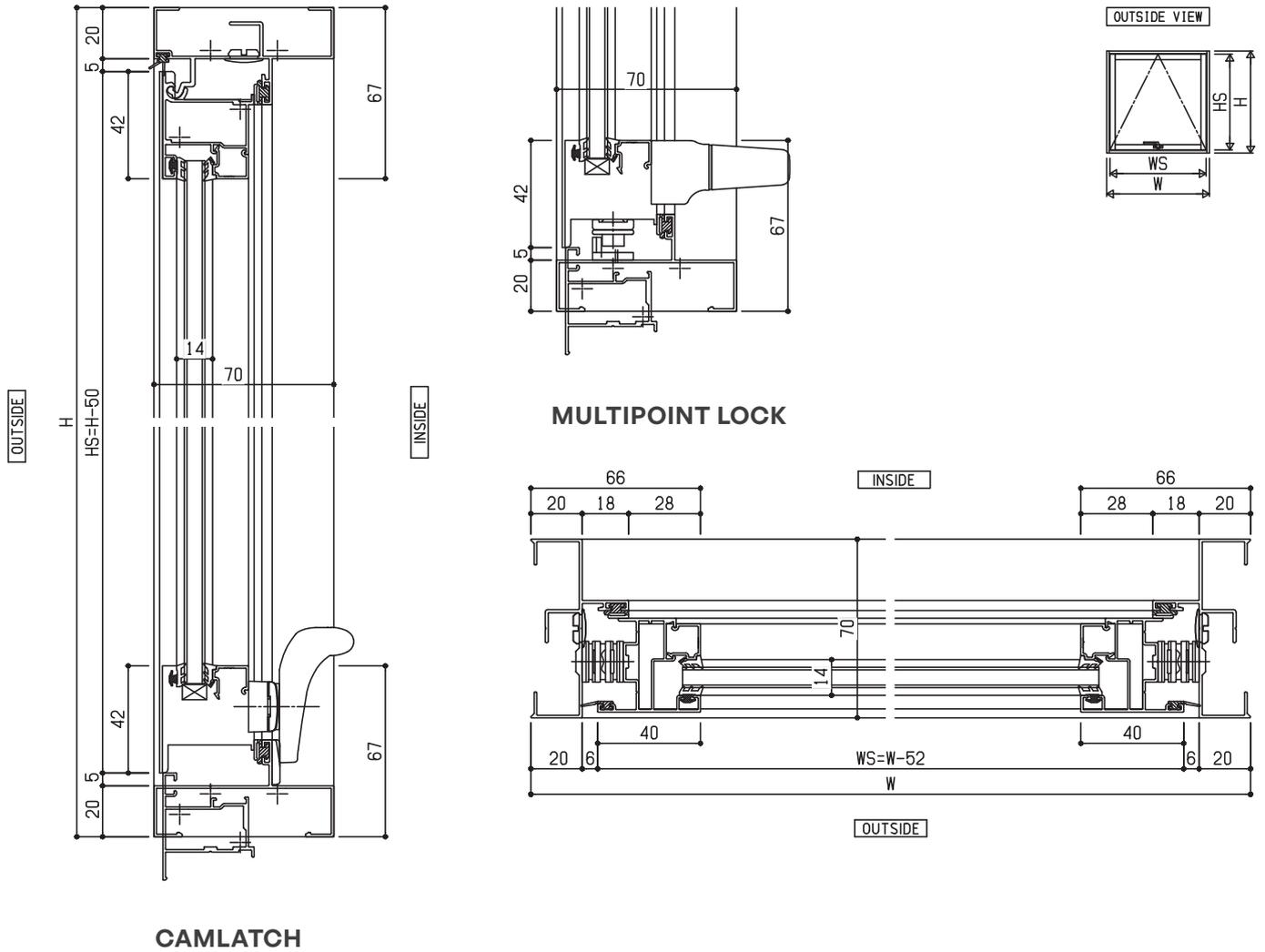
\* The price include arm stopper

\*The handle type is automatically selected according to the size range.

Please check the size limitation graph

# TOP HUNG FRICTION STAYLESS

## SYSTEM DRAWING



\* The handle type is automatically selected according to the size range.  
Please check the size limitation graph.



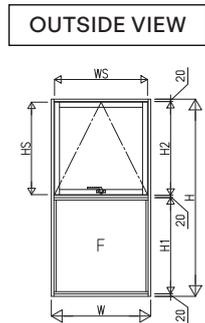
# TOP HUNG FRICTION STAYLESS/FIX



## Performance

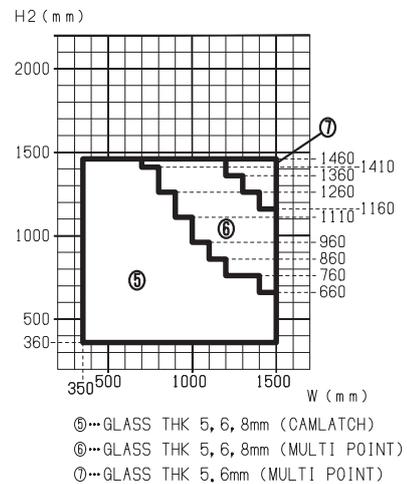
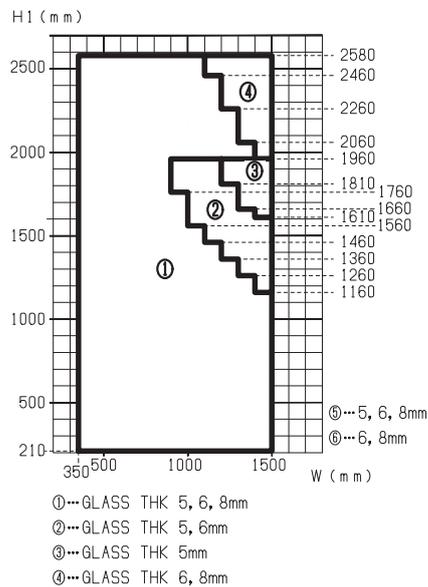
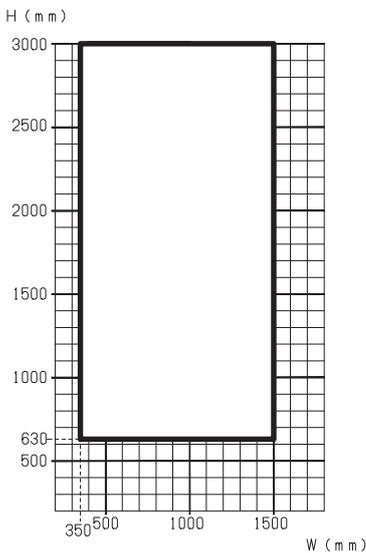
|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Standard Specification



h1, h2 :  
System Order  
Dimensions

## Size Limitation



# TOP HUNG FRICTION STAYLESS/FIX

## PRICE LIST

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1 See page **80** for the upper Top Hung Friction Stayless

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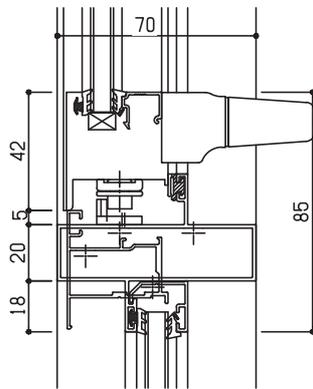
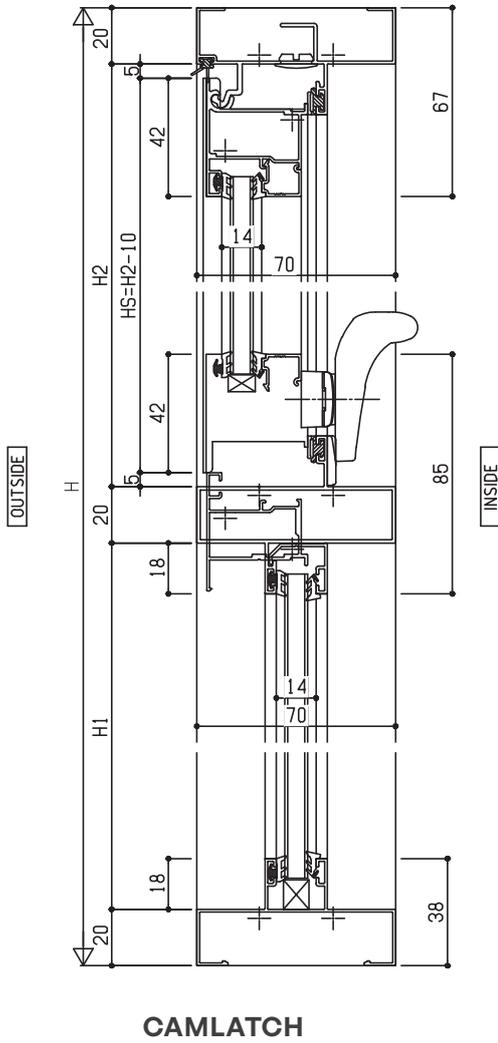
2 See page **52** for the lower FIX

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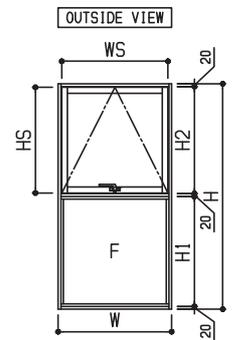
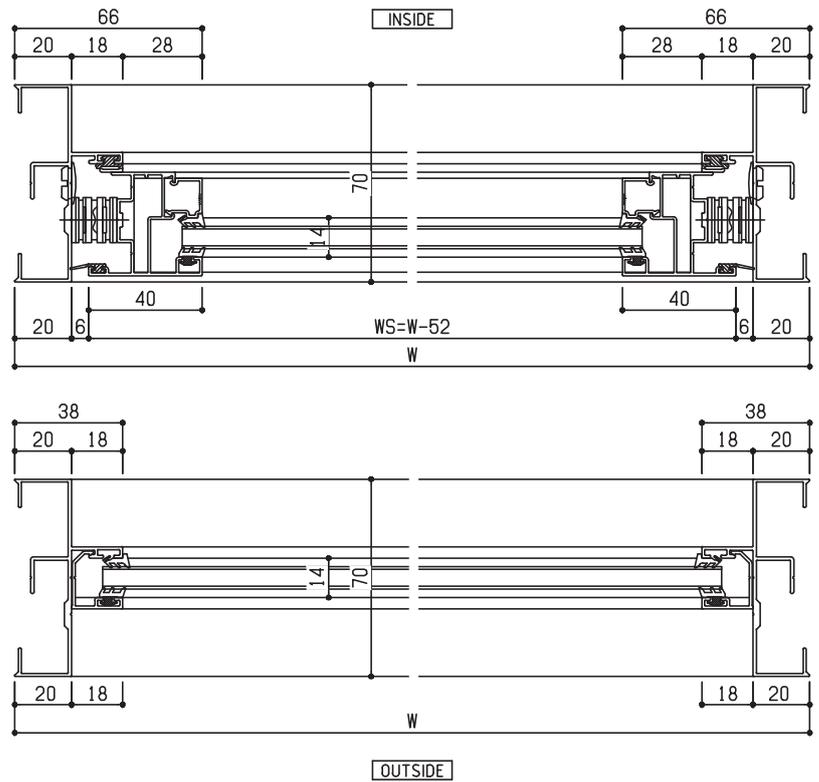
Price : 1 + 2 - TRANSOM

\*Please check the price on the MADELA online system.

# TOP HUNG FRICTION STAYLESS/FIX SYSTEM DRAWING



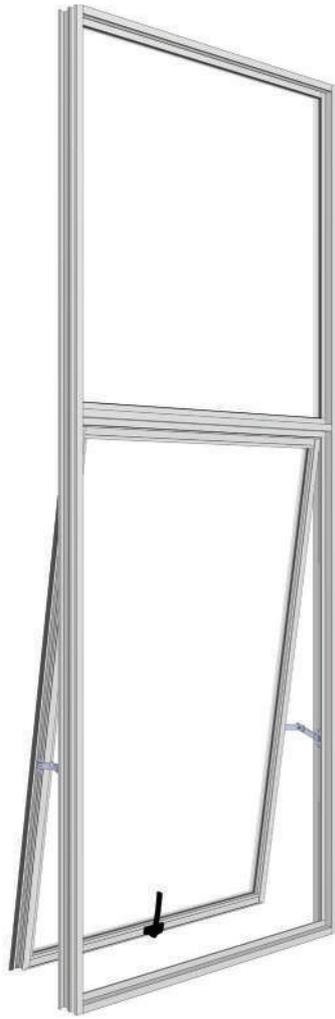
## MULTIPOINT LOCK



\* The handle type is automatically selected according to the size range.  
Please check the size limitation graph.



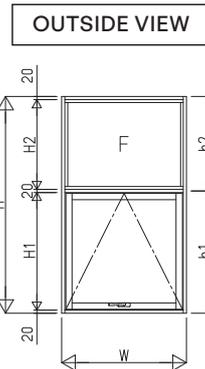
# FIX/TOP HUNG FRICTION STAYLESS



## Performance

|                        |         |
|------------------------|---------|
| Structural (Wind Load) | 1200 Pa |
| Water Tightness        | 200 Pa  |
| Sound Insulation       | -25 dB  |

## Standard Specification

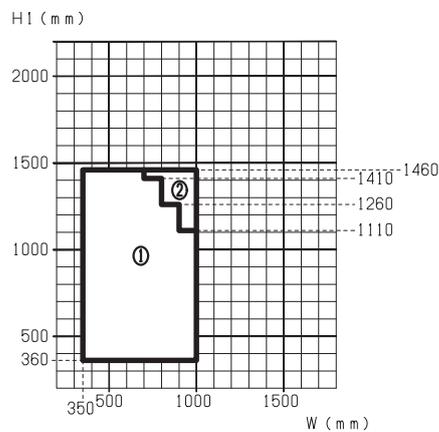
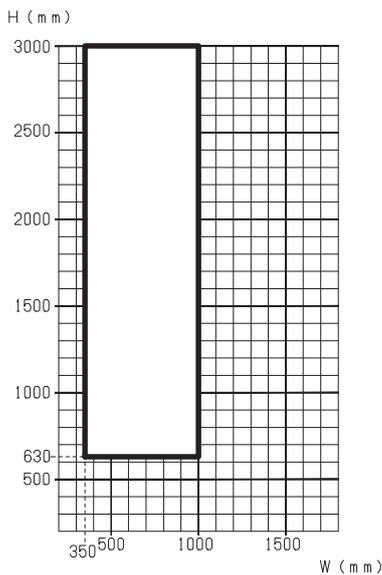


h1, h2 :  
System Order  
Dimensions

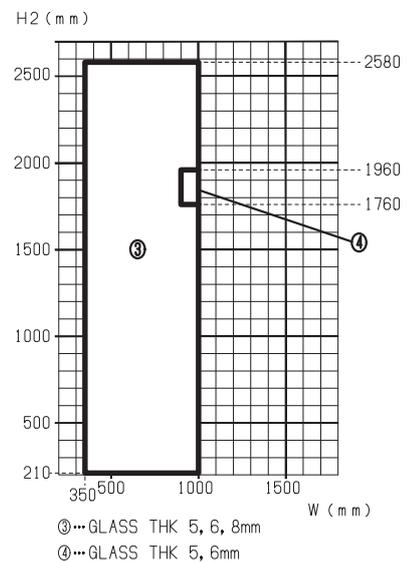
## Glass

|     | Glass Size      | Qty | Thickness |
|-----|-----------------|-----|-----------|
| FIX | (W-62)×(H2-22)  | 1   | 5,6,8     |
| TH  | (W-118)×(H1-80) | 1   | 5,6,8     |

## Size Limitation



- ①...GLASS THK 5, 6, 8mm (CAMLATCH)
- ②...GLASS THK 5, 6, 8mm (MULTI POINT)



- ③...GLASS THK 5, 6, 8mm
- ④...GLASS THK 5, 6mm

# FIX/TOP HUNG FRICTION STAYLESS

## PRICE LIST

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1 See page **52** for the upper FIX

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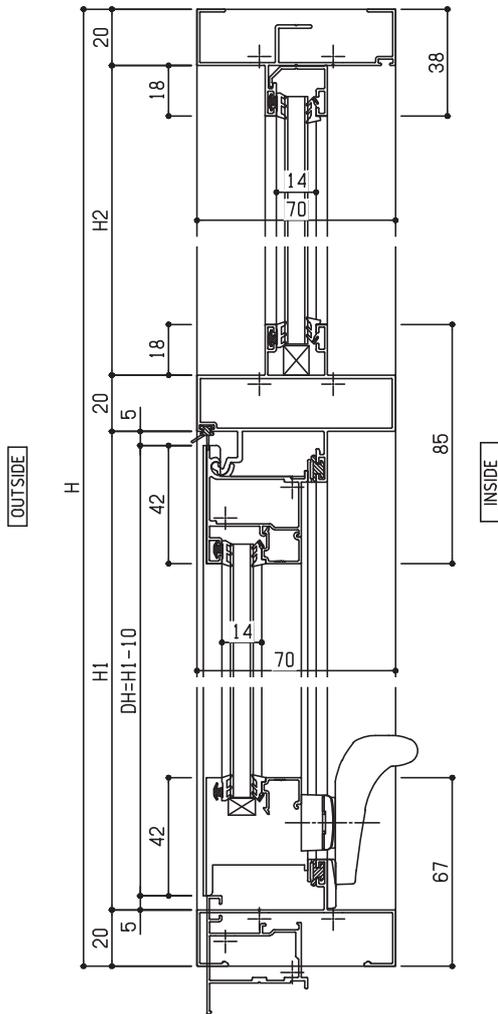
2 See page **80** for the lower Top Hung Friction Stayless

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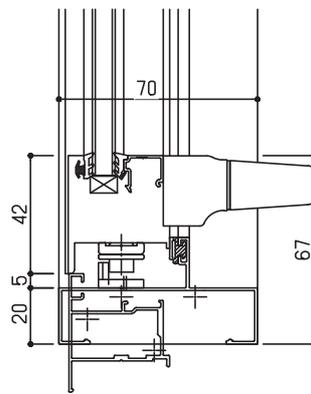
Price :  +  -

\*Please check the price on the MADELA online system.

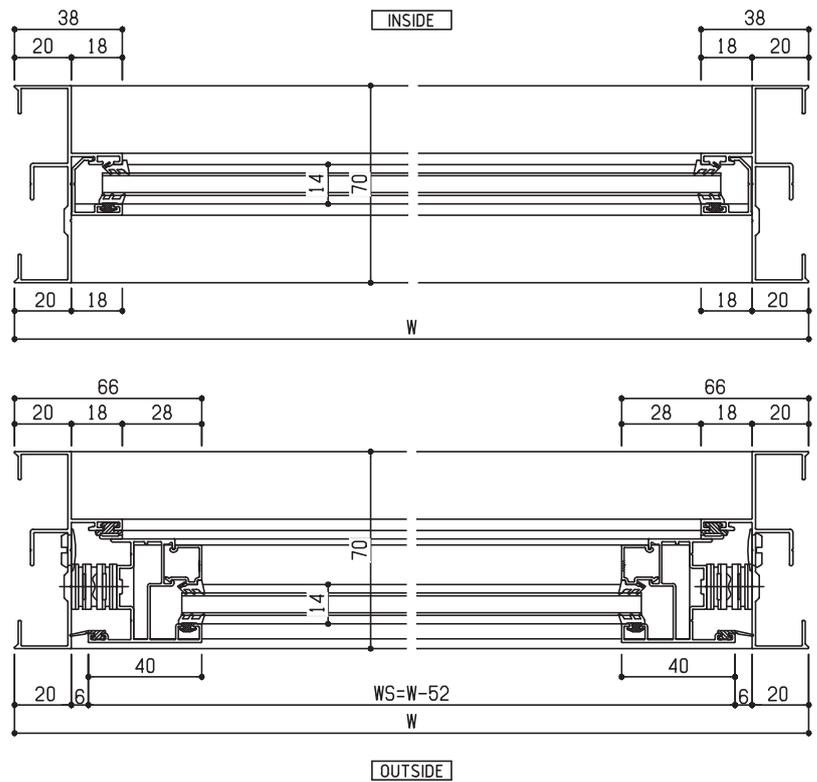
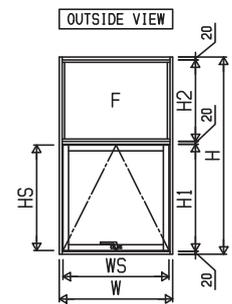
# FIX/TOP HUNG FRICTION STAYLESS SYSTEM DRAWING



**CAMLATCH**



**MULTIPOINT LOCK**



\* The handle type is automatically selected according to the size range.  
Please check the size limitation graph.



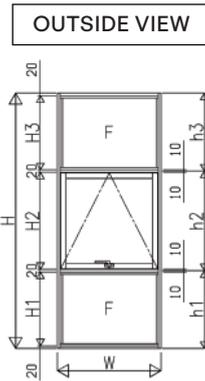
# FIX/TOP HUNG FRICTION STAYLESS/FIX



## Performance

|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Standard Specification

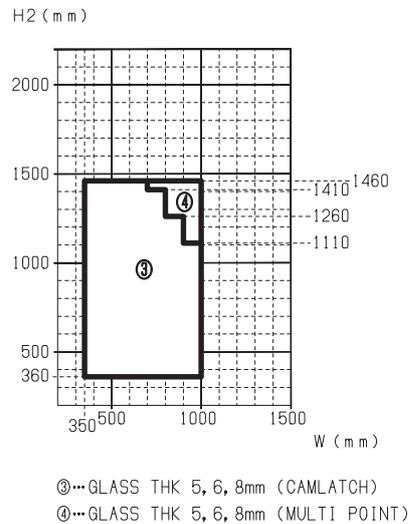
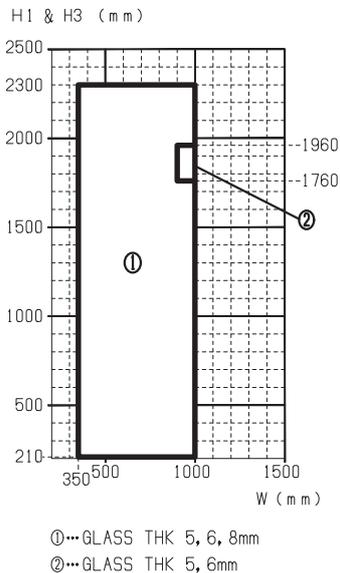
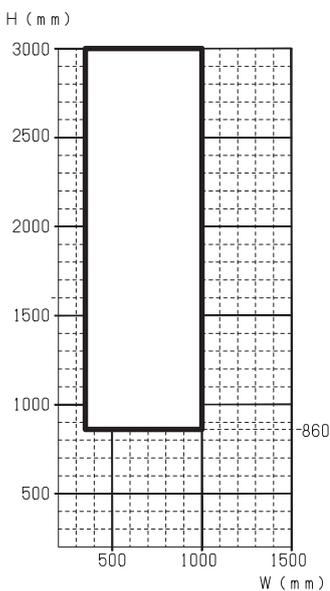


h1, h2, h3 :  
System Order  
Dimensions

## Glass

|     | Glass Size        | Qty | Thickness |
|-----|-------------------|-----|-----------|
| FIX | (W-62) × (H3-22)  | 1   | 5,6,8     |
| TH  | (W-118) × (H2-80) | 1   | 5,6,8     |
| FIX | (W-62) × (H1-22)  | 1   | 5,6,8     |

## Size Limitation



# FIX/TOP HUNG FRICTION STAYLESS/FIX

## PRICE LIST

---

1 See page **52** for the upper FIX

---

2 See page **80** for the middle Top Hung Friction Stayless

---

3 See page **52** for the lower FIX

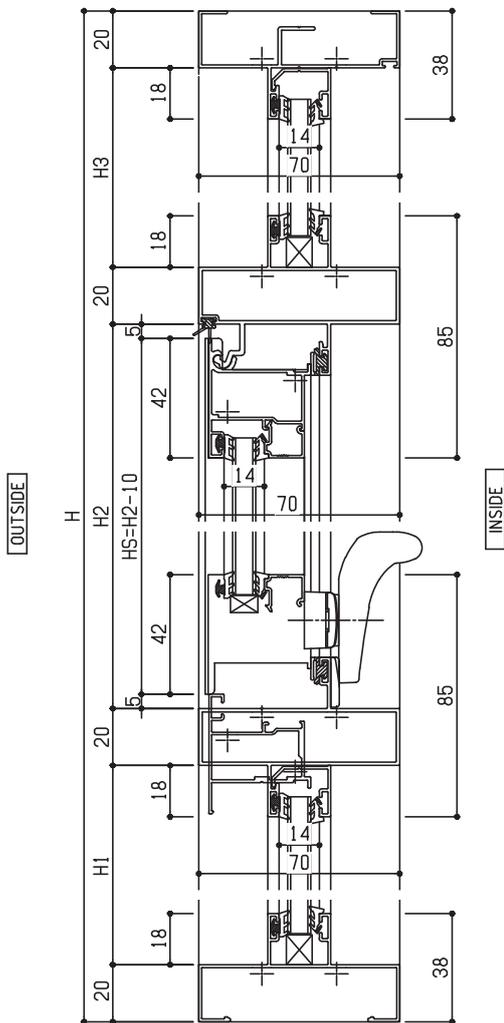
---

Price : 1 + 2 + 3 - TRANSOM

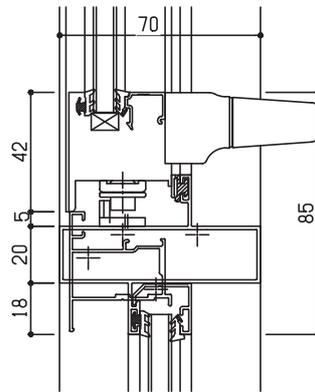
\*Please check the price on the MADELA online system.

# FIX/TOP HUNG FRICTION STAYLESS/FIX

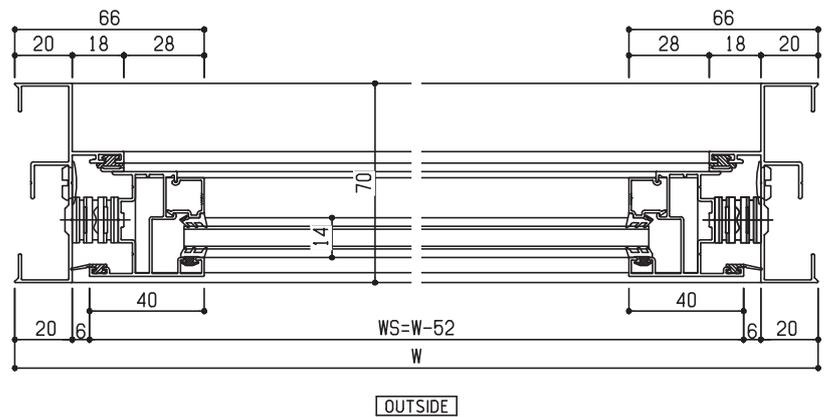
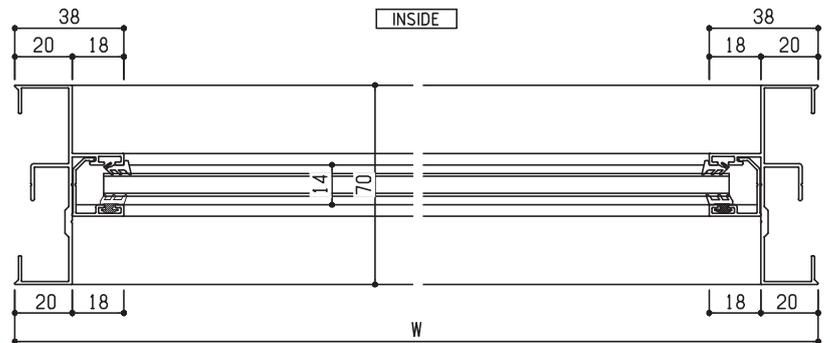
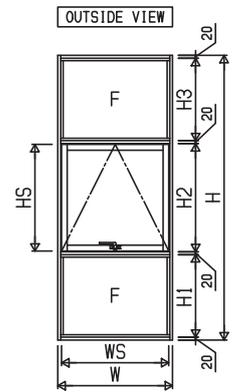
## SYSTEM DRAWING



**CAMLATCH**



**MULTIPOINT LOCK**



\* The handle type is automatically selected according to the size range.  
Please check the size limitation graph.



# CASEMENT



## Performance

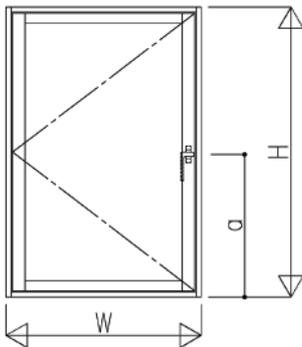
|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Glass

| Glass Size      | Qty | Thickness |
|-----------------|-----|-----------|
| (W-140)×(H-120) | 1   | 5,6,8     |

## Standard Specifications

OUTSIDE VIEW



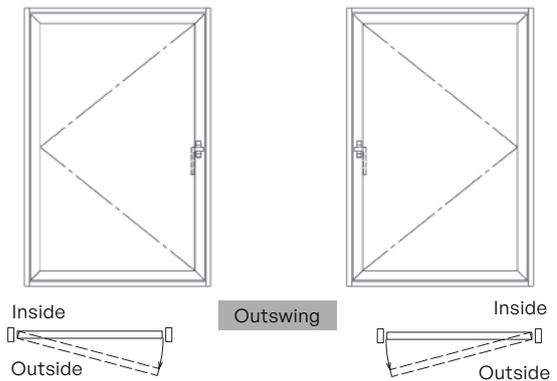
Handle Height : a  
 - H/2  
 - 625

## Variation

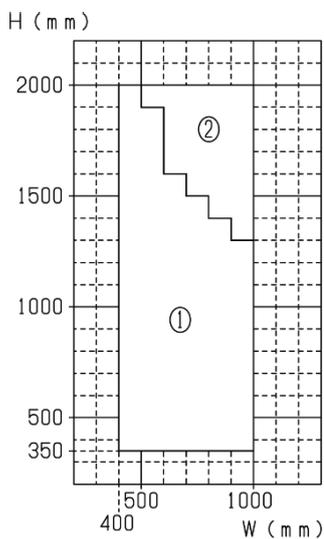
Right Swing (CAR)

Left Swing (CAL)

OUTSIDE VIEW



## Size Limitation



- 1 Cam latch
- 2 Multi Point

# CASEMENT

## PRICE LIST

Juta Rp

| H (mm) \ W (mm) |       | W (mm) |         |         |         |         |         |           |
|-----------------|-------|--------|---------|---------|---------|---------|---------|-----------|
|                 |       | 400    | 401-500 | 501-600 | 601-700 | 701-800 | 801-900 | 901-1.000 |
| 350 ~ 400       | 400   | 0,82   | 0,86    | 0,92    | 0,96    | 1,00    | 1,08    | 1,32      |
| 401 ~ 500       | 500   | 0,86   | 0,90    | 0,96    | 1,00    | 1,04    | 1,12    | 1,36      |
| 501 ~ 600       | 600   | 0,90   | 0,94    | 1,00    | 1,04    | 1,08    | 1,16    | 1,40      |
| 601 ~ 700       | 700   | 0,94   | 0,98    | 1,04    | 1,08    | 1,12    | 1,20    | 1,44      |
| 701 ~ 800       | 800   | 0,98   | 1,02    | 1,08    | 1,12    | 1,16    | 1,24    | 1,48      |
| 801 ~ 900       | 900   | 1,03   | 1,07    | 1,13    | 1,17    | 1,21    | 1,29    | 1,53      |
| 901 ~ 1.000     | 1.000 | 1,07   | 1,11    | 1,17    | 1,21    | 1,25    | 1,33    | 1,57      |
| 1.001 ~ 1.100   | 1.100 | 1,12   | 1,16    | 1,22    | 1,26    | 1,30    | 1,38    | 1,62      |
| 1.101 ~ 1.200   | 1.200 | 1,16   | 1,20    | 1,26    | 1,30    | 1,34    | 1,42    | 1,66      |
| 1.201 ~ 1.300   | 1.300 | 1,20   | 1,24    | 1,30    | 1,34    | 1,38    | 1,47    | 1,70      |
| 1.301 ~ 1.400   | 1.400 | 1,25   | 1,29    | 1,35    | 1,39    | 1,42    | 1,51    | 1,80      |
| 1.401 ~ 1.500   | 1.500 | 1,29   | 1,33    | 1,39    | 1,43    | 1,46    | 1,61    | 1,84      |
| 1.501 ~ 1.600   | 1.600 | 1,33   | 1,37    | 1,43    | 1,47    | 1,59    | 1,68    | 1,91      |
| 1.601 ~ 1.700   | 1.700 | 1,37   | 1,41    | 1,47    | 1,59    | 1,63    | 1,72    | 1,95      |
| 1.701 ~ 1.800   | 1.800 | 1,41   | 1,45    | 1,51    | 1,63    | 1,67    | 1,76    | 1,99      |
| 1.801 ~ 1.900   | 1.900 | 1,45   | 1,49    | 1,55    | 1,67    | 1,71    | 1,80    | 2,03      |
| 1.901 ~ 2.000   | 2.000 | 1,49   | 1,53    | 1,68    | 1,71    | 1,75    | 1,84    | 2,07      |

 Handle Camlatch type

 Handle Multi Point type

\*This price is not included glass, assembling fee, delivery fee and installation fee.

\* In case of adding Stopper base on size limitation;

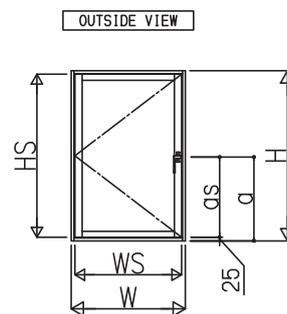
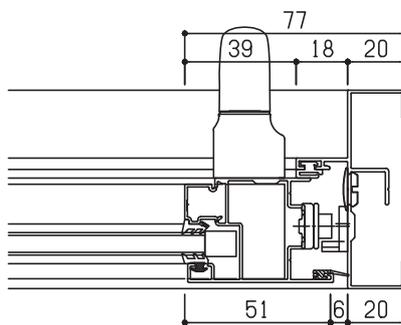
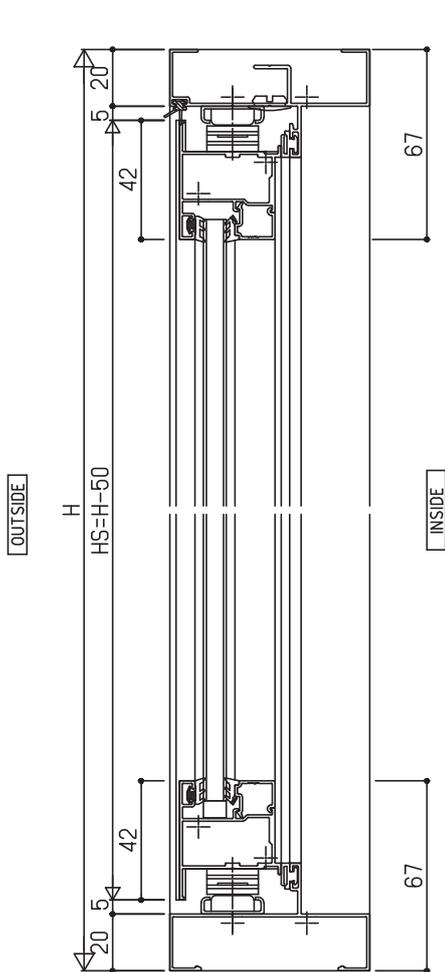
- Arm stopper please add IDR 165.150,- to the price list above.
- Alm Plate 33 mm please add IDR 12.990,- to the price list above.
- Alm Plate 47 mm please add IDR 16.720,- to the price list above.

\* The handle type is automatically selected according to the size range.

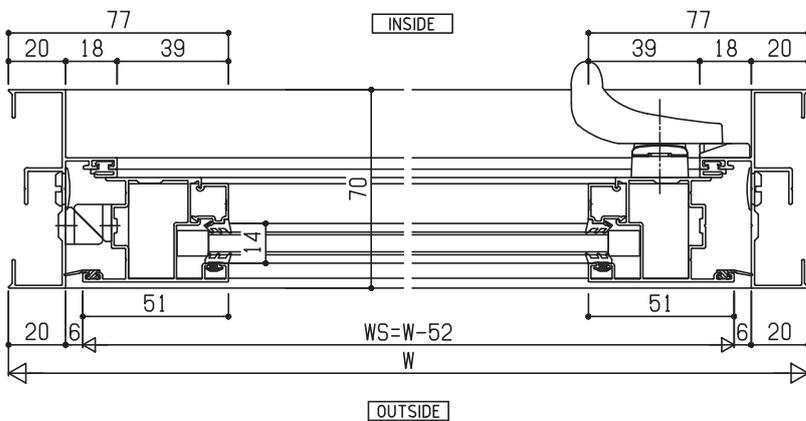
Please check the size limitation graph.

# CASEMENT

## SYSTEM DRAWING



**MULTI POINT**



**CAMLATCH**

\* The handle type is automatically selected according to the size range.

Please check the size limitation graph.



# CASEMENT/FIX



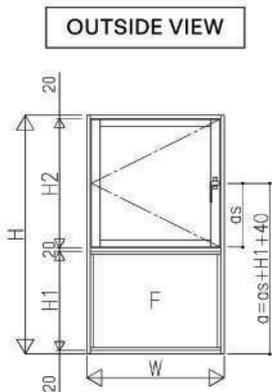
## Performance

|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Glass

|     | Glass Size      | Qty | Thickness |
|-----|-----------------|-----|-----------|
| CA  | (W-140)×(H2-80) | 1   | 5,6,8     |
| FIX | (W-62)×(H1-22)  | 1   | 5,6,8     |

## Standard Specifications

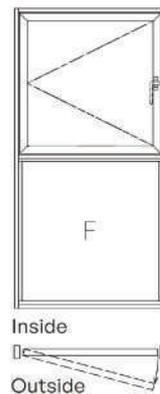


Handle Height : as  
- H2/2  
- 600

## Variation

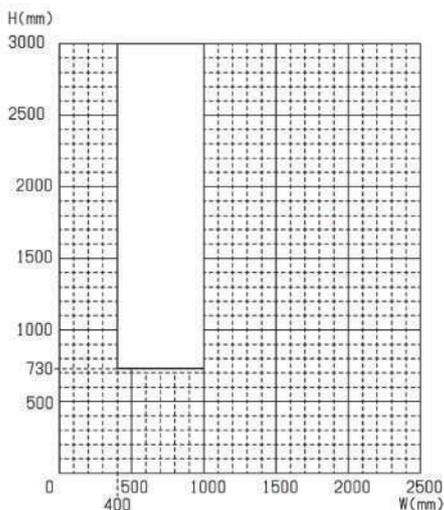
Right Swing (CAR/FIX)

Left Swing (CAL/FIX)

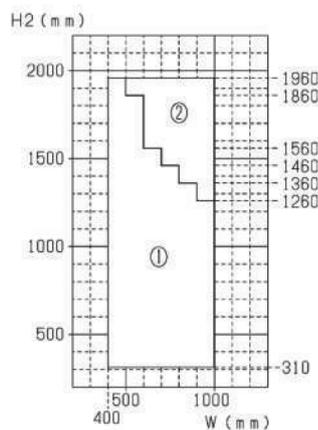


## Size Limitation

WH size



H2 size



H1 size

$$360 \leq H1 \leq 2580$$

- 1 Camlatch
- 2 Multi Point

\* Maximum H2500 for continuous windows

# CASEMENT/FIX

## PRICE LIST

---

1 See page **96** for the upper Casement

---

2 See page **52** for the lower FIX

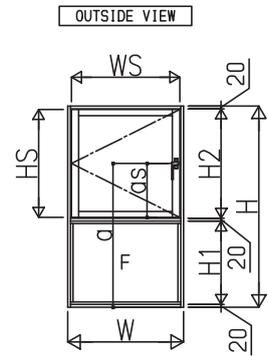
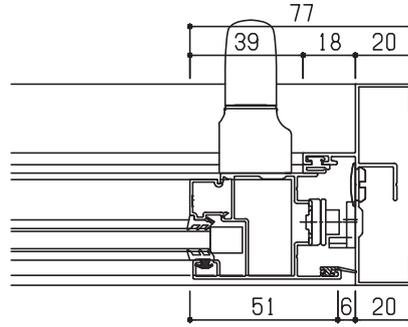
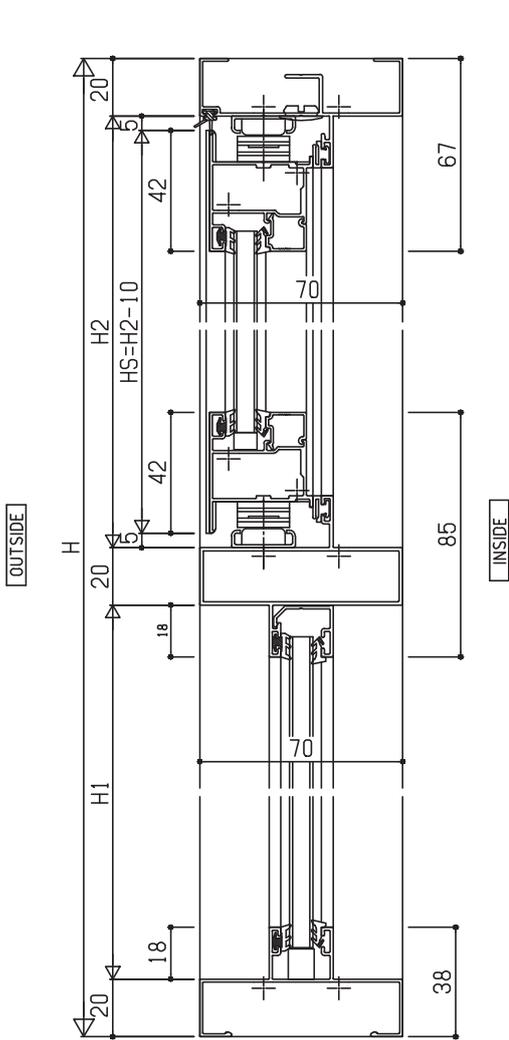
---

Price : 1 + 2 - TRANSOM

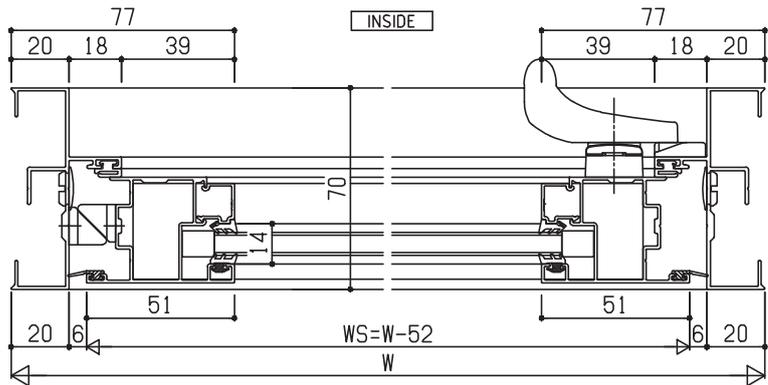
\*Please check the price on the MADELA online system.

# CASEMENT/FIX

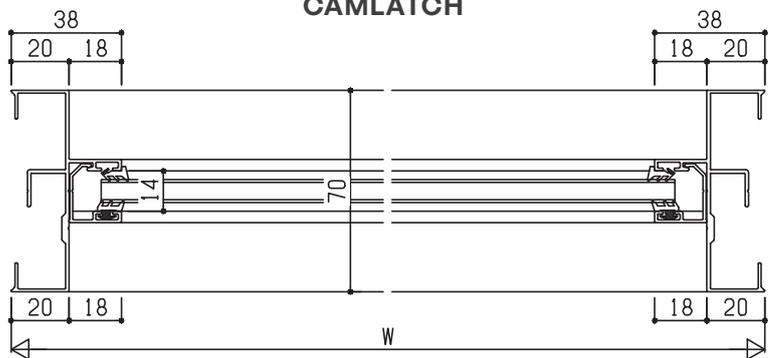
## SYSTEM DRAWING



**MULTI POINT**



**CAMLATCH**





# FIX/CASEMENT



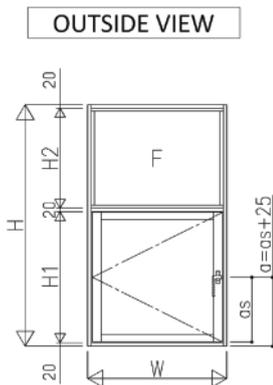
## Performance

|                        |         |
|------------------------|---------|
| Structural (Wind Load) | 1,200Pa |
| Water Tightness        | 200 Pa  |
| Sound Insulation       | -25 dB  |

## Glass

|     | Glass Size      | Qty | Thickness |
|-----|-----------------|-----|-----------|
| FIX | (W-62)×(H2-22)  | 1   | 5,6,8     |
| CA  | (W-140)×(H1-80) | 1   | 5,6,8     |

## Standard Specifications

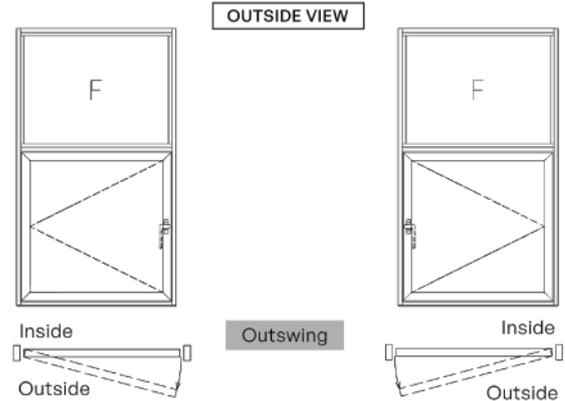


Handle Height : as  
 - H1/2  
 - 600

## Variation

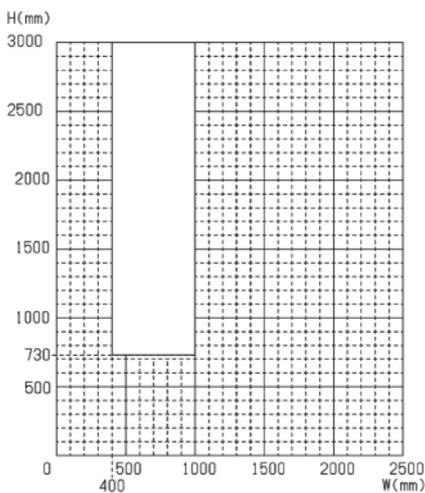
Right Swing (FIX/CAR)

Left Swing (FIX/CAL)

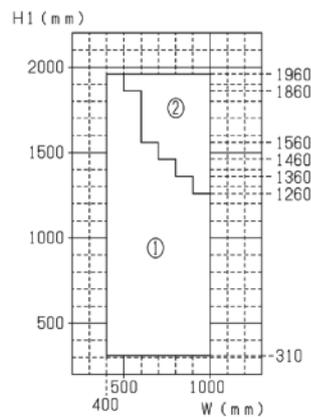


## Size Limitation

WH size



H1 size



- 1 Camlatch
- 2 Multi Point

H2 size

$$360 \leq H2 \leq 2580$$

\* Maximum H2500 for continuous windows

# FIX/CASEMENT

## PRICE LIST

---

1 See page **52** for the upper FIX

---

2 See page **96** for the lower Casement

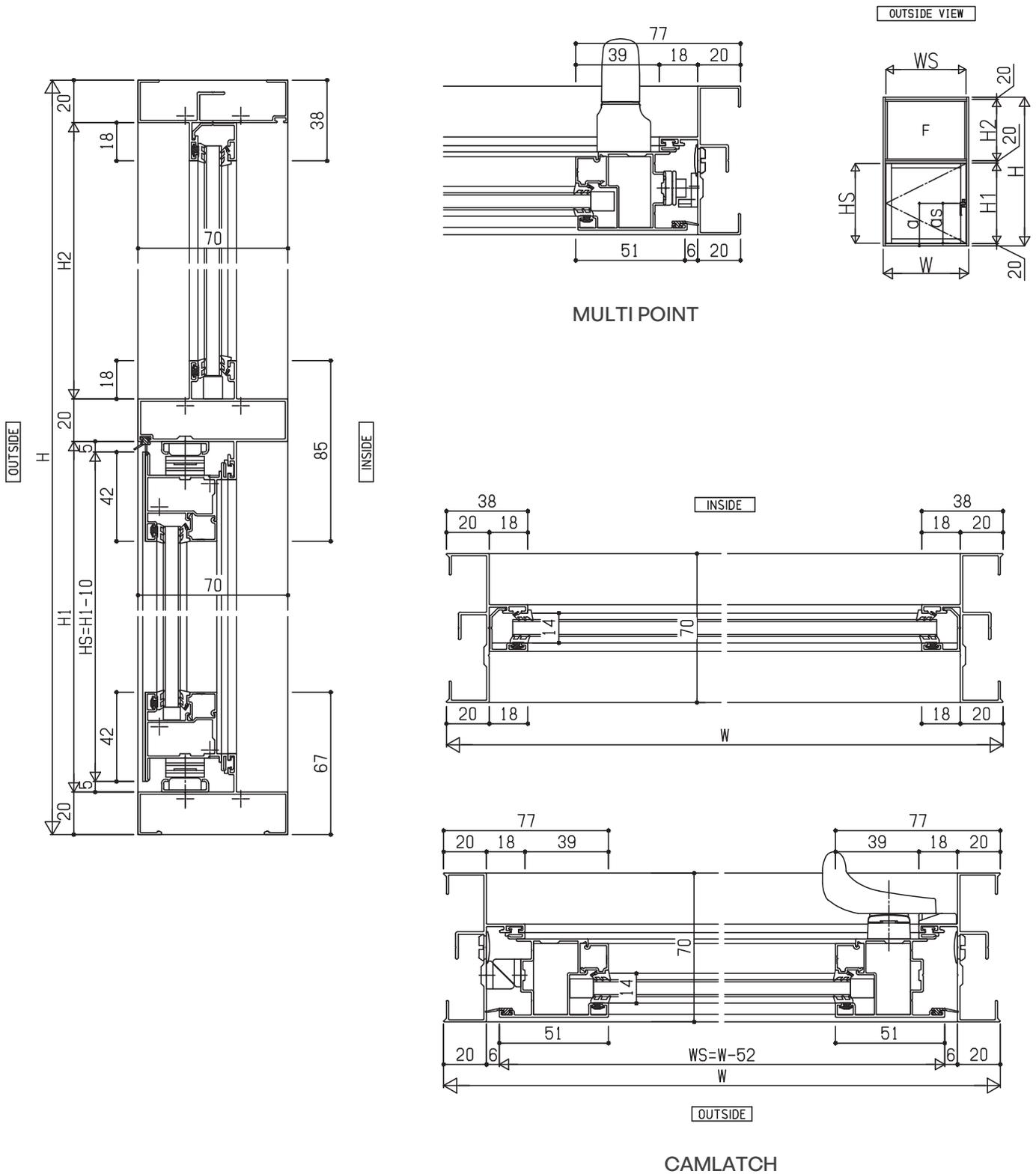
---

Price : 1 + 2 - TRANSOM

\*Please check the price on the MADELA online system.

# FIX/CASEMENT

## SYSTEM DRAWING



\* The handle type is automatically selected according to the size range.  
Please check the size limitation graph.



# FIX/CASEMENT/FIX



## Performance

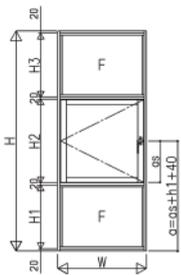
|                        |          |
|------------------------|----------|
| Structural (Wind Load) | 1,200 Pa |
| Water Tightness        | 200 Pa   |
| Sound Insulation       | -25 dB   |

## Glass

|     | Glass Size        | Qty | Thickness |
|-----|-------------------|-----|-----------|
| FIX | (W-62) × (H3-22)  | 1   | 5,6,8     |
| CA  | (W-140) × (H2-80) | 1   | 5,6,8     |
| FIX | (W-62) × (H1-22)  | 1   | 5,6,8     |

## Standard Specifications

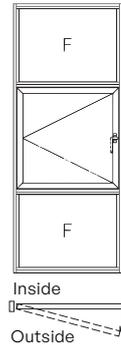
### OUTSIDE VIEW



Handle Height : as  
 - H2/2  
 - 600

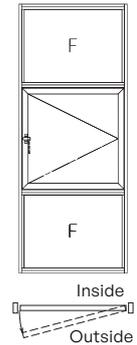
## Variation

Right Swing (FIX/CAR/FIX)



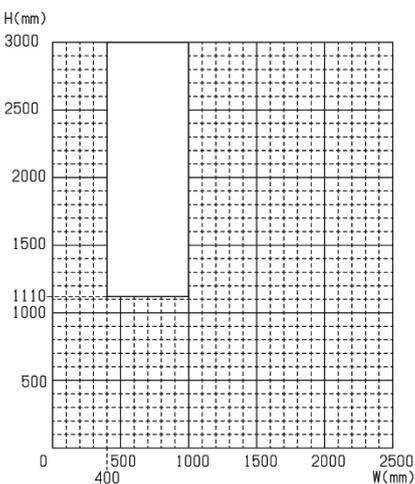
Left Swing (FIX/CAL/FIX)

### OUTSIDE VIEW

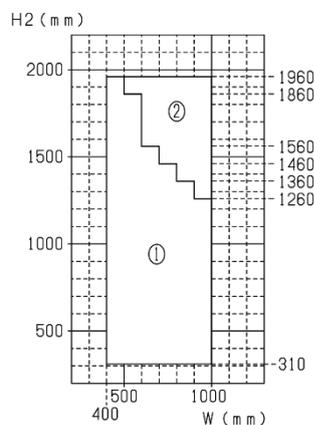


## Size Limitation

### WH size



### H2 size



### H1, H3 size

$$360 \leq H3 \leq 2200$$

$$360 \leq H1 \leq 2200$$

- 1 Camlatch
- 2 Multi Point

\* Maximum H2500 for continuous windows

# FIX/CASEMENT/FIX

## PRICE LIST

---

1 See page **52** for the upper FIX

---

2 See page **96** for the middle Casement

---

3 See page **52** for the lower FIX

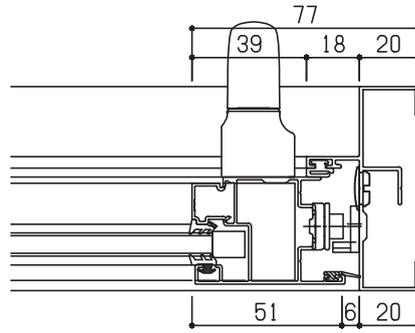
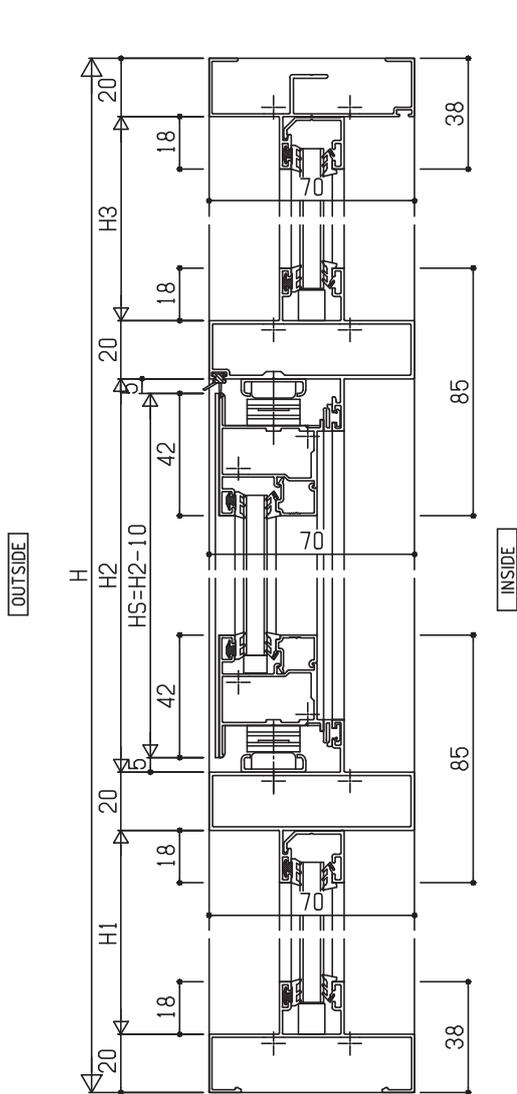
---

Price : 1 + 2 + 3 + TRANSOM

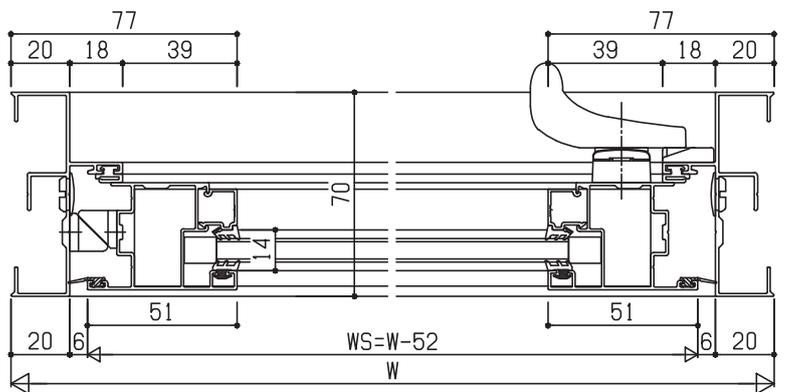
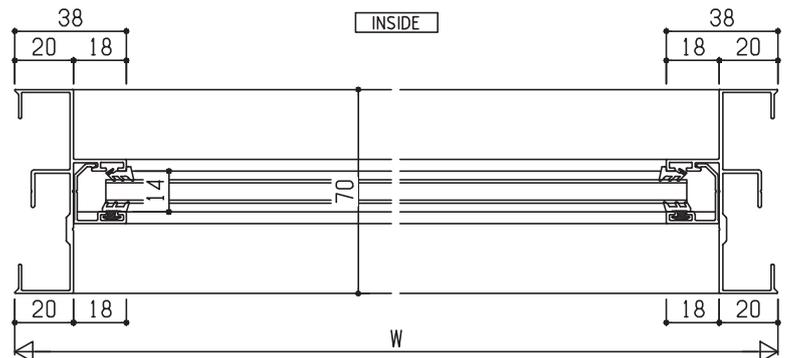
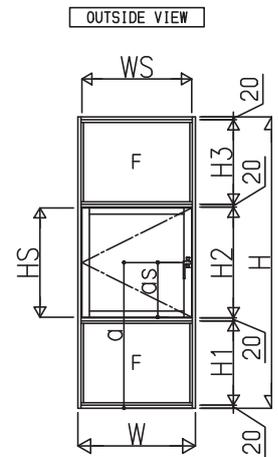
\*Please check the price on the MADELA online system.

# FIX/CASEMENT/FIX

## SYSTEM DRAWING



**MULTI POINT**



**CAMLATCH**

\* The handle type is automatically selected according to the size range.  
Please check the size limitation graph.



# DOOR (WITH SILL)



With Sill  
With Handle set

## Performance

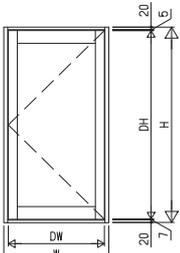
|                        |         |
|------------------------|---------|
| Structural (Wind Load) | 1200 Pa |
| Water Tightness        | 200 Pa  |
| Sound Insulation       | -       |

## Glass

| Glass Size     | Qty | Thickness |
|----------------|-----|-----------|
| (W-199)(H-238) | 1   | 5,6,8     |

## Standard Specifications

OUTSIDE VIEW

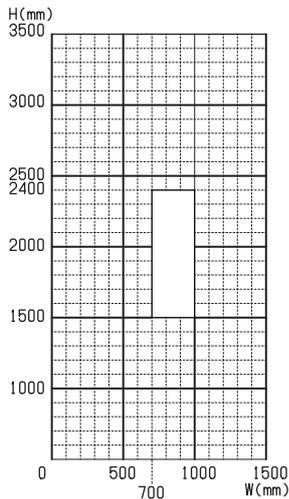


\*Outswing (R)

Handle Height : a = 1000

## Size Limitation

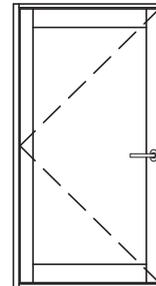
With Sill/High Rise



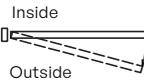
## Variation

### Right Swing (DOOR-CR)

OUTSIDE VIEW



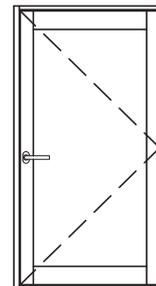
Outswing



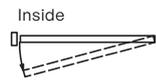
Inside  
Outside

### Left Swing (DOOR-CL)

OUTSIDE VIEW



Outswing



Inside  
Outside

## DOOR (WITH SILL)

### PRICE LIST

## SINGLE DOOR

Juta Rp

### FRAME AND INNER PRICE

| H (mm) \ W (mm) | W (mm) |         |         |           |
|-----------------|--------|---------|---------|-----------|
|                 | 700    | 701-800 | 801-900 | 901-1,000 |
| 1,500           | 2.06   | 2.12    | 2.18    | 2.23      |
| 1,501 ~ 1,600   | 2.12   | 2.17    | 2.23    | 2.29      |
| 1,601 ~ 1,700   | 2.17   | 2.23    | 2.28    | 2.34      |
| 1,701 ~ 1,800   | 2.22   | 2.28    | 2.34    | 2.39      |
| 1,801 ~ 1,900   | 2.28   | 2.33    | 2.39    | 2.45      |
| 1,901 ~ 2,000   | 2.33   | 2.39    | 2.45    | 2.50      |
| 2,001 ~ 2,100   | 2.39   | 2.44    | 2.50    | 2.55      |
| 2,101 ~ 2,200   | 2.44   | 2.49    | 2.55    | 2.61      |
| 2,201 ~ 2,300   | 2.49   | 2.55    | 2.60    | 2.66      |
| 2,301 ~ 2,400   | 2.55   | 2.60    | 2.66    | 2.72      |

\* This price does not include glass, assembling fee, delivery fee and installation fee.

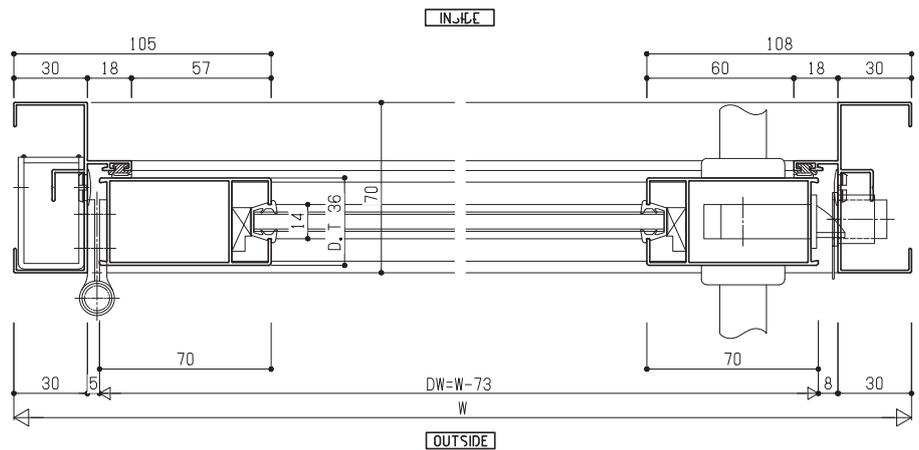
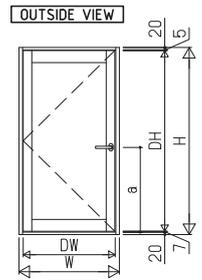
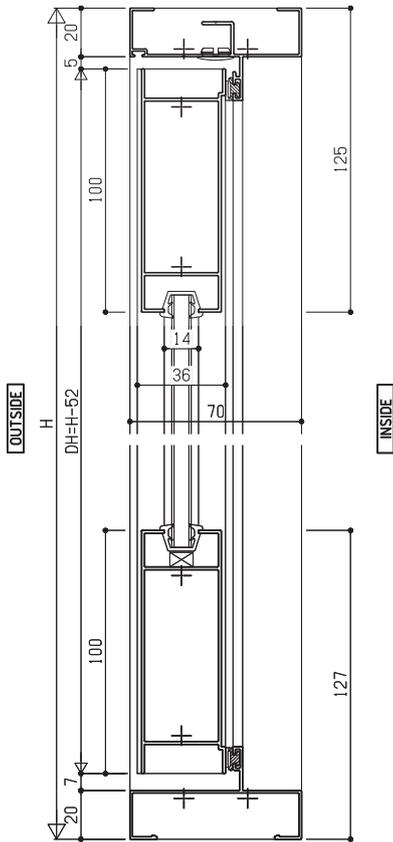
## HANDLE SET PRICE

For the specifications with Handle set, 0.4 juta/set will be added to the door price frame and inner frame.



# DOOR (WITH SILL) SYSTEM DRAWING

## OUTSWING





# FIX/DOOR (WITH SILL)



With Sill  
With Lockset

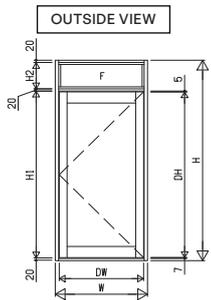
## Performance

|                        |         |
|------------------------|---------|
| Structural (Wind Load) | 1200 Pa |
| Water Tightness        | 200 Pa  |
| Sound Insulation       | -       |

## Glass

|      | Glass Size      | Qty | Thickness |
|------|-----------------|-----|-----------|
| Door | (W-199)(H1-198) | 1   | 5,6,8     |
| FIX  | (W-82)(H2-22)   | 1   | 5,6,8     |

## Standard Specifications

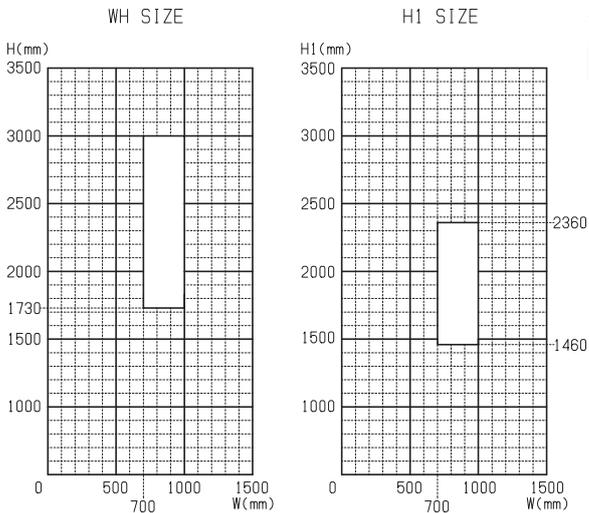


\*Outswing (R)

Handle Height : a = 1000

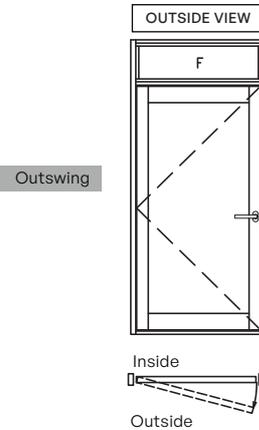
## Size Limitation

With Sill/High Rise

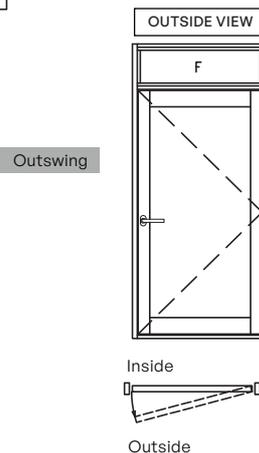


## Variation

### Right Swing (DOOR-CR)



### Left Swing (DOOR-CL)



# FIX/DOOR (WITH SILL)

## PRICE LIST

---

1 See page **52** for the upper FIX

---

2 See page **112** for the lower Door

---

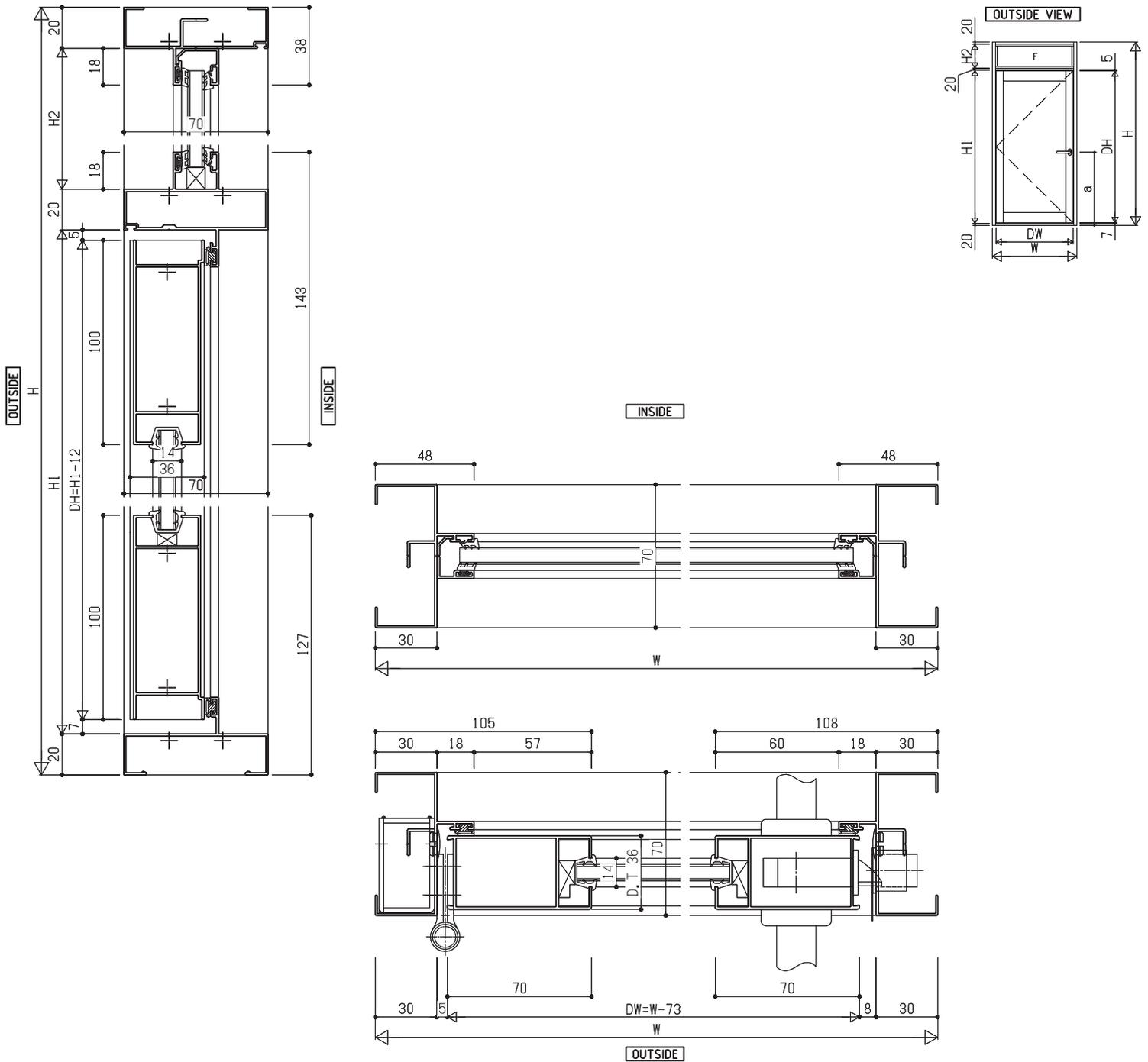
Price : 1 + 2 - TRANSOM

\*Please check the price on the MADELA online system.

# FIX/DOOR (WITH SILL)

## SYSTEM DRAWING

### OUTSWING





# CONTINUOUS WINDOWS

## (STANDARD TYPE)

Ensure optimal performance and appearance by selecting Mullion options by Condition Pattern

### Condition Pattern

|                                       | MADELA<br>FIX · TH · CA | MADELA<br>SL2 · SL4 | MADELA<br>Door<br>(lock side<br>use) | MADELA<br>Door<br>(hinge side<br>use) | Other<br>series  |
|---------------------------------------|-------------------------|---------------------|--------------------------------------|---------------------------------------|------------------|
| MADELA<br>FIX · TH · CA               | M <sup>*1</sup><br>C    | T <sup>*2</sup>     | T <sup>*2</sup>                      | HT <sup>*3</sup>                      | T <sup>*2</sup>  |
| MADELA<br>SL2 · SL4                   | T <sup>*2</sup>         | T <sup>*2</sup>     | T <sup>*2</sup>                      | HT <sup>*3</sup>                      | T <sup>*2</sup>  |
| MADELA<br>Door<br>(lock side<br>use)  | T <sup>*2</sup>         | T <sup>*2</sup>     | T <sup>*2</sup>                      | HT <sup>*3</sup>                      | T <sup>*2</sup>  |
| MADELA<br>Door<br>(hinge side<br>use) | HT <sup>*3</sup>        | HT <sup>*3</sup>    | HT <sup>*3</sup>                     |                                       | HT <sup>*3</sup> |
| Other<br>series                       | T <sup>*2</sup>         | T <sup>*2</sup>     | T <sup>*2</sup>                      | HT <sup>*3</sup>                      | T <sup>*2</sup>  |

## (MULLION TYPE)

**M** : Mullion (Standard & Strength)

**C** : Coupling Mullion

**T** : T-Mullion

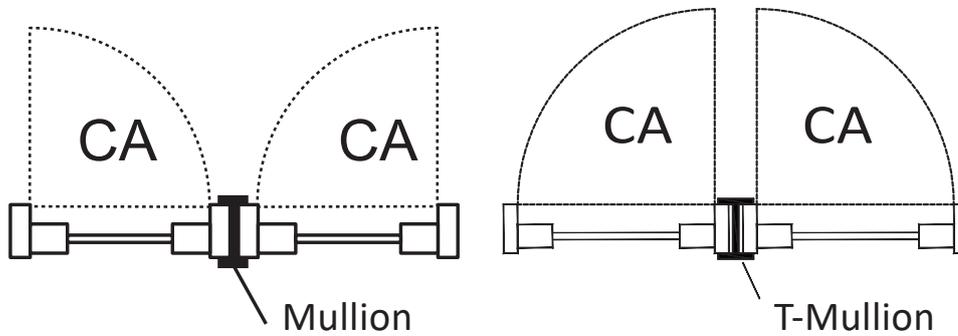
**HT** : Hinge at T-Mullion

# CONTINUOUS WINDOWS CONDITION

## \*1 CASE USING MADELA MULLION

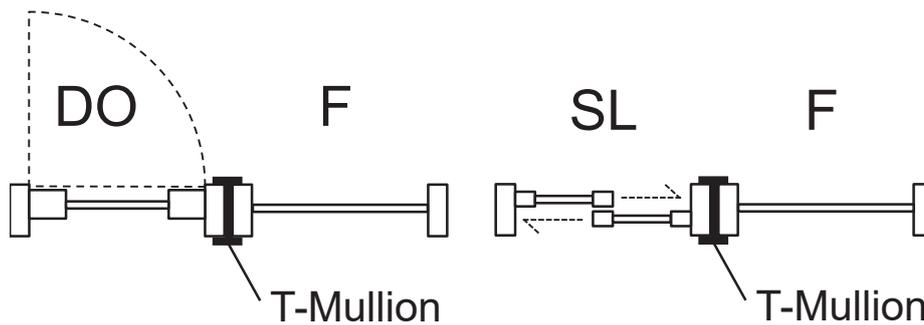
Standard Coupling Mullion can be used at MADELA FIX/TH/CA.

However, when using Mullion with CA, please use T-Mullion in the case of the combination shown below.



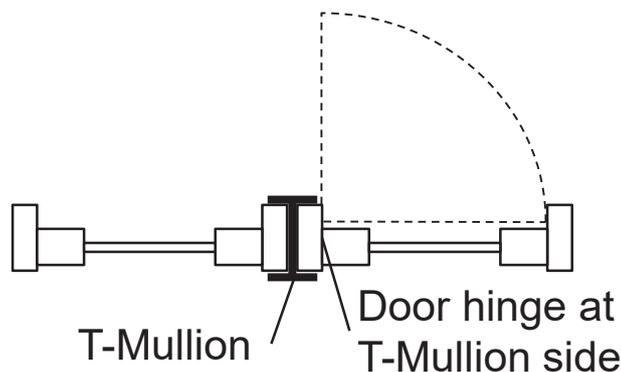
## \*2 CASE USING MADELA MULLION

Please use T-Mullion to connect MADELA SL/Door with other sash.



## \*3 CASE USING MADELA MULLION

Please use Hinge T-Mullion for door with hinge at Mullion side.



# CONTINUOUS WINDOWS

## MULLION



\*Sliding cannot be combined as a continuous window

### Performance

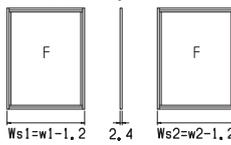
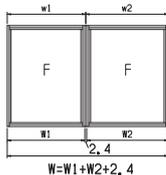
|                        |        |
|------------------------|--------|
| Structural (Wind Load) | 600 Pa |
| Water Tightness        | 100 Pa |
| Sound Insulation       | -25 dB |

### PERFORMANCE OF CONTINUOUS WINDOWS

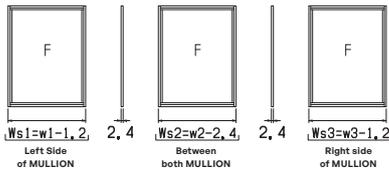
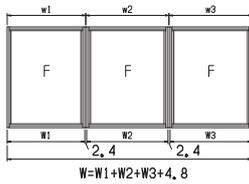
### System Order Dimensions

#### STANDARD MULLION

2 Module

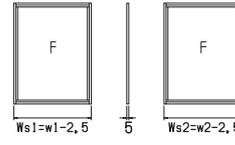
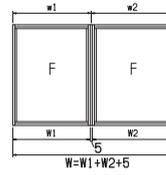


3 Module

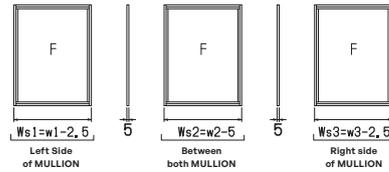
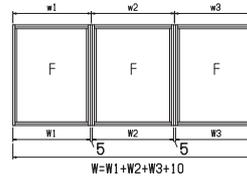


#### STRENGTH MULLION

2 Module



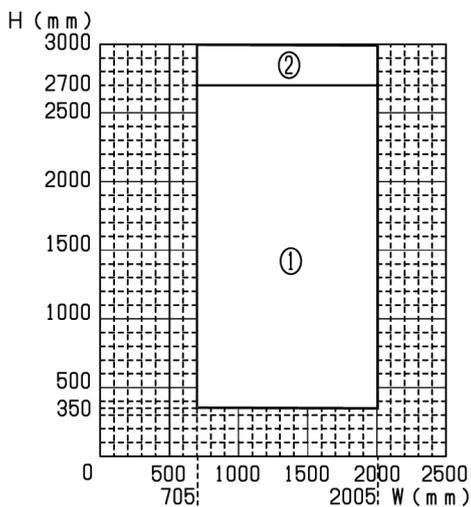
3 Module



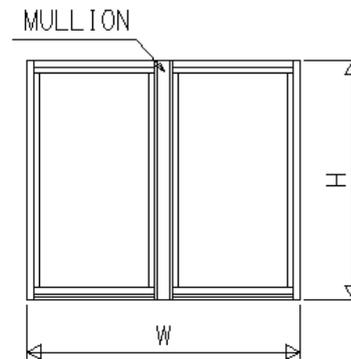
Ws : Single Window

W : System Order Dimensions

### Size Limitation



- 1 Standard
- 2 High Strength



# MULLION

## PRICE LIST

Juta Rp

| H (mm)        |      |
|---------------|------|
| 350 ~ 400     | 0.05 |
| 401 ~ 500     | 0.06 |
| 501 ~ 600     | 0.06 |
| 601 ~ 700     | 0.07 |
| 701 ~ 800     | 0.08 |
| 801 ~ 900     | 0.09 |
| 901 ~ 1,000   | 0.10 |
| 1,001 ~ 1,100 | 0.10 |
| 1,101 ~ 1,200 | 0.11 |
| 1,201 ~ 1,300 | 0.12 |
| 1,301 ~ 1,400 | 0.13 |
| 1,401 ~ 1,500 | 0.14 |
| 1,501 ~ 1,600 | 0.14 |
| 1,601 ~ 1,700 | 0.15 |
| 1,701 ~ 1,800 | 0.16 |
| 1,801 ~ 1,900 | 0.17 |
| 1,901 ~ 2,000 | 0.18 |
| 2,001 ~ 2,100 | 0.18 |
| 2,101 ~ 2,200 | 0.19 |
| 2,201 ~ 2,300 | 0.46 |
| 2,301 ~ 2,400 | 0.48 |
| 2,401 ~ 2,500 | 0.50 |

Standard type

High Strength type

\* This price is not included glass, assembling fee, delivery fee and installation fee.

\* The Mullion type is automatically selected according to the size range. Please check the size limitation graph.

# CONTINUOUS WINDOWS

## T-MULLION



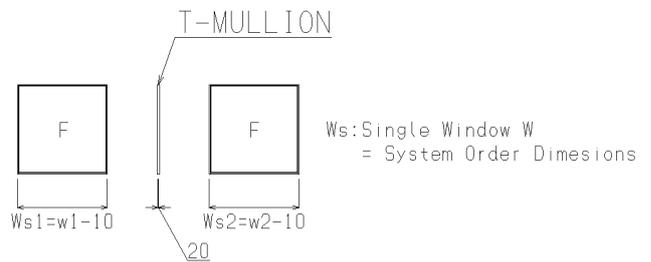
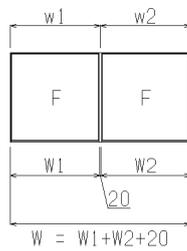
### Performance

|                        |         |
|------------------------|---------|
| Structural (Wind Load) | 1200 Pa |
| Water Tightness        | 200 Pa  |
| Sound Insulation       | -25 dB  |

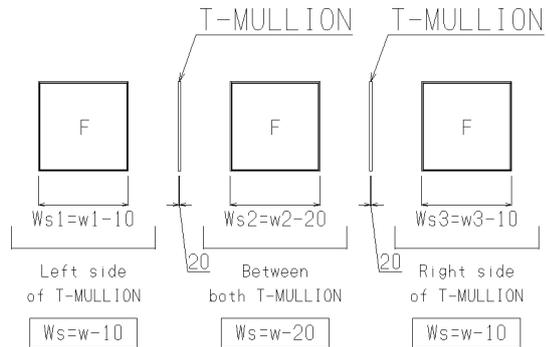
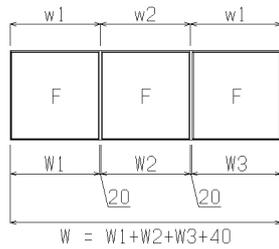
### PERFORMANCE OF CONTINUOUS WINDOWS

### System Order Dimensions

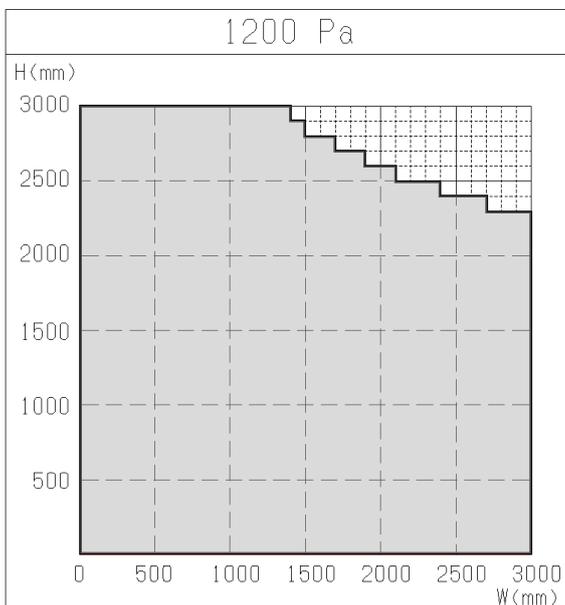
#### 2 Module



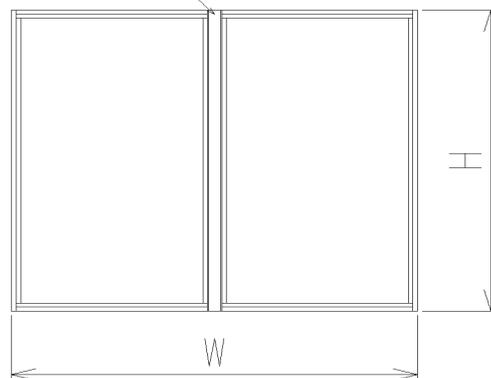
#### 3 Module



### Size Limitation



### T-MULLION



# T-MULLION

## PRICE LIST

Juta Rp

| H (mm) |         |      |
|--------|---------|------|
| 350    | 400     | 0.23 |
| 401    | 500     | 0.25 |
| 501    | 600     | 0.27 |
| 601    | 700     | 0.29 |
| 701    | 800     | 0.32 |
| 801    | 900     | 0.34 |
| 901    | 1,000   | 0.36 |
| 1,001  | ~ 1,100 | 0.38 |
| 1,101  | ~ 1,200 | 0.41 |
| 1,201  | ~ 1,300 | 0.43 |
| 1,301  | ~ 1,400 | 0.45 |
| 1,401  | ~ 1,500 | 0.47 |
| 1,501  | ~ 1,600 | 0.50 |
| 1,601  | ~ 1,700 | 0.52 |
| 1,701  | ~ 1,800 | 0.54 |
| 1,801  | ~ 1,900 | 0.56 |
| 1,901  | ~ 2,000 | 0.59 |
| 2,001  | ~ 2,100 | 0.61 |
| 2,101  | ~ 2,200 | 0.63 |
| 2,201  | ~ 2,300 | 0.66 |
| 2,301  | ~ 2,400 | 0.68 |
| 2,401  | ~ 2,500 | 0.70 |
| 2,501  | ~ 2,600 | 0.73 |
| 2,601  | ~ 2,700 | 0.75 |
| 2,701  | ~ 2,800 | 0.77 |
| 2,801  | ~ 2,900 | 0.80 |
| 2,901  | ~ 3,000 | 0.82 |

\*This price is not included glass, assembling fee, delivery fee and installation fee.

\* For the specifications with Hinge for Reinforcement, 0,08 juta/set will be added to the price above"

# CONTINUOUS WINDOWS

## COUPLING MULLION



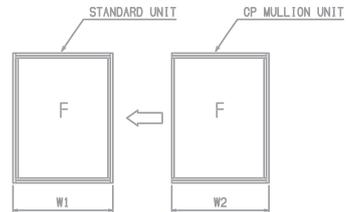
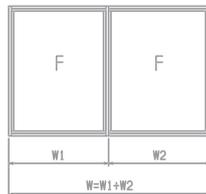
### Performance

|                        |         |
|------------------------|---------|
| Structural (Wind Load) | 1200 Pa |
| Water Tightness        | 200 Pa  |
| Sound Insulation       | -25 dB  |

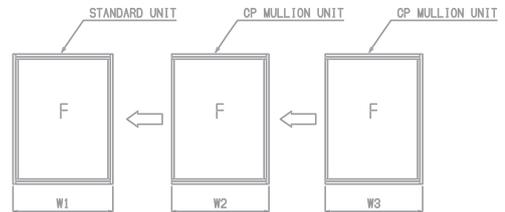
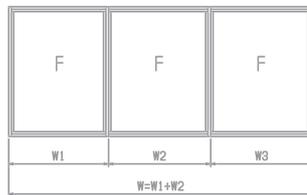
### PERFORMANCE OF CONTINUOUS WINDOWS

### System Order Dimensions

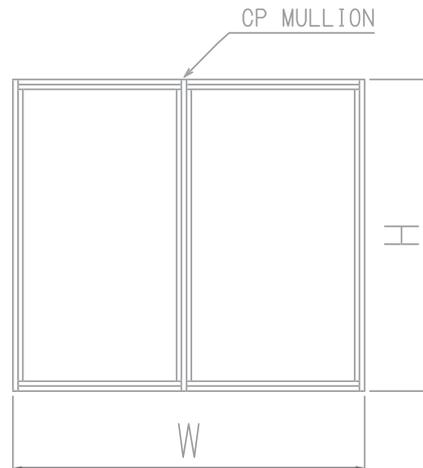
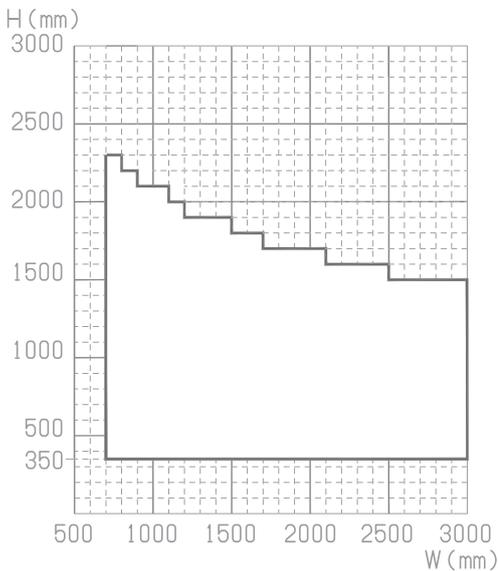
2 Module



3 Module



### Size Limitation



# COUPLING MULLION

## PRICE LIST

| H (mm)        | Juta Rp |
|---------------|---------|
| 350 ~ 400     | -0.013  |
| 401 ~ 500     | -0.016  |
| 501 ~ 600     | -0.020  |
| 601 ~ 700     | -0.024  |
| 701 ~ 800     | -0.028  |
| 801 ~ 900     | -0.032  |
| 901 ~ 1,000   | -0.036  |
| 1,001 ~ 1,100 | -0.040  |
| 1,101 ~ 1,200 | -0.044  |
| 1,201 ~ 1,300 | -0.047  |
| 1,301 ~ 1,400 | -0.051  |
| 1,401 ~ 1,500 | -0.055  |
| 1,501 ~ 1,600 | -0.059  |
| 1,601 ~ 1,700 | -0.063  |
| 1,701 ~ 1,800 | -0.067  |
| 1,801 ~ 1,900 | -0.071  |
| 1,901 ~ 2,000 | -0.075  |
| 2,001 ~ 2,100 | -0.079  |
| 2,101 ~ 2,200 | -0.083  |
| 2,201 ~ 2,300 | -0.087  |

Price : TYPE 1 - COUPLING MULLION UNIT

\*The prices above represent the deducted amount from standard windows when configured as continuous units with a coupling mullion.

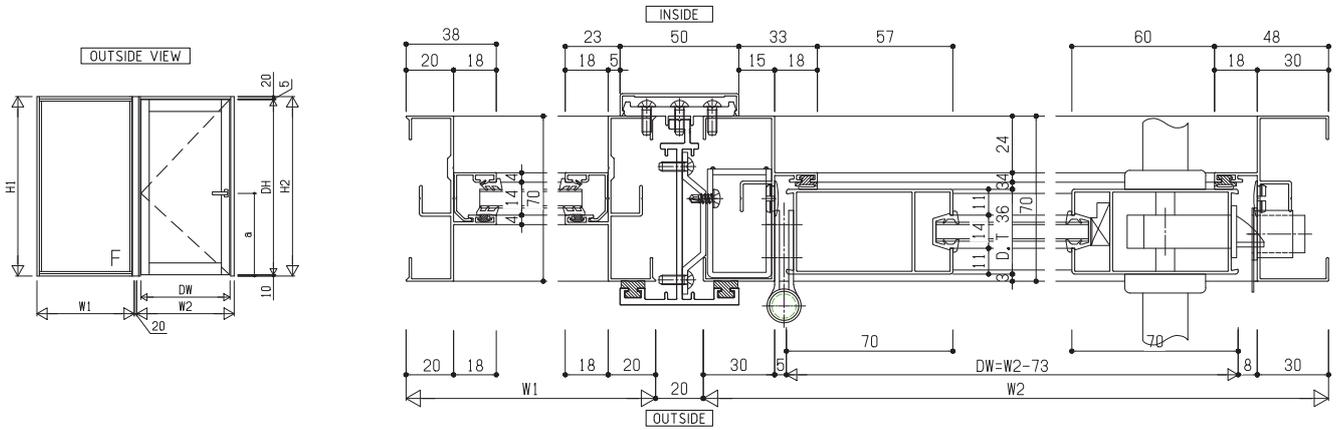
\*Please check the price on the MADELA online system.

# MULLION, T-MULLION

## REFERENCE COMBINATION DRAWING

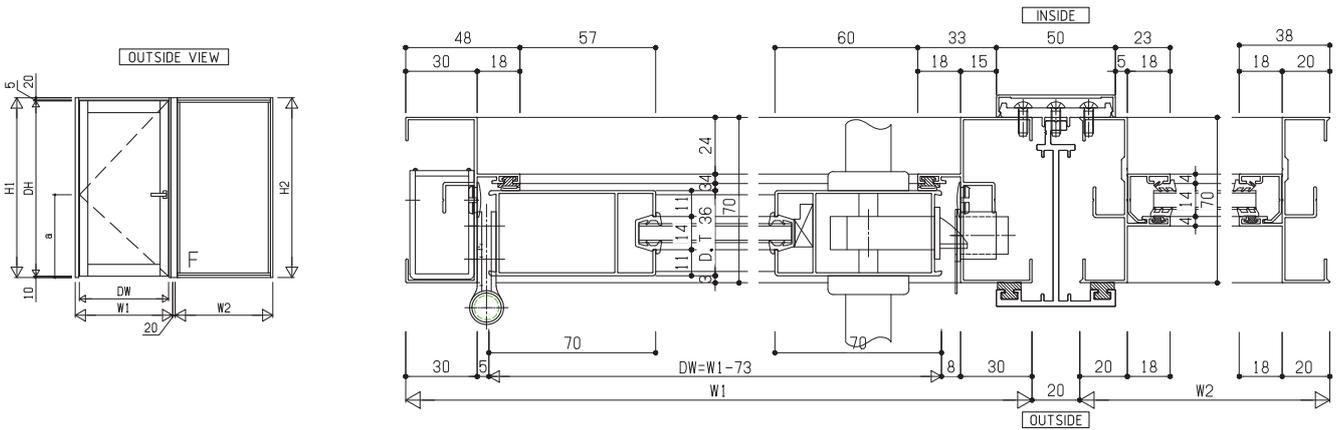
### MADELA FIX + MADELA DOOR

HT (Hinge at T-Mullion)



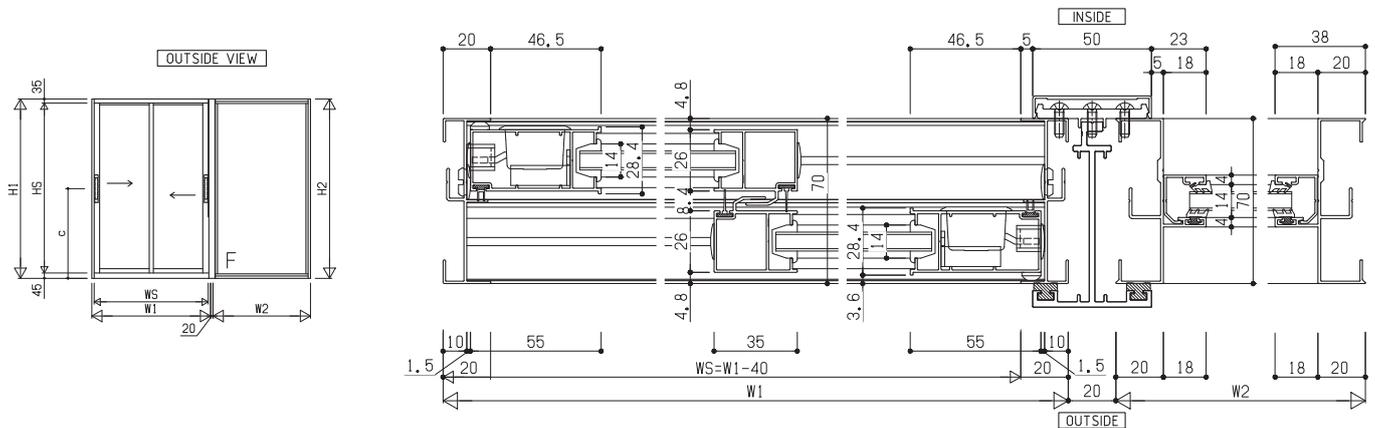
### MADELA DOOR + MADELA FIX

T (T-Mullion)



### MADELA SL + MADELA FIX

T (T-Mullion)

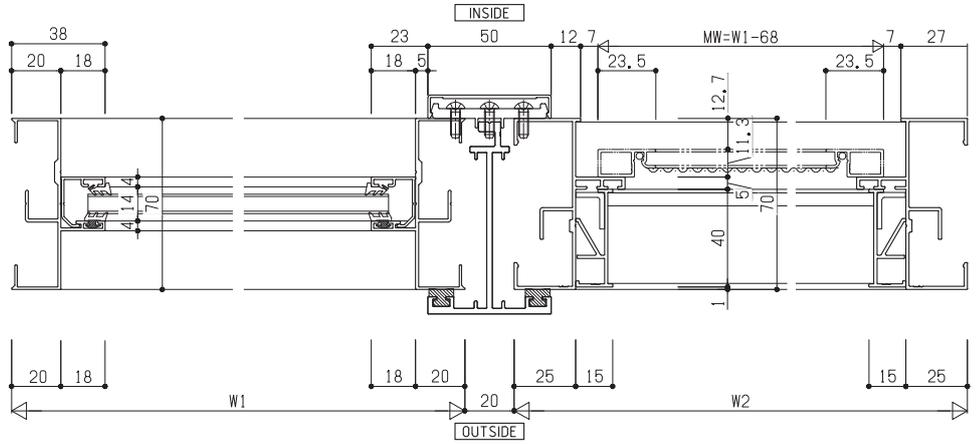
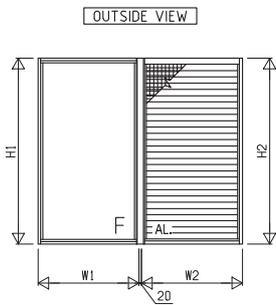


# MULLION, T-MULLION

## REFERENCE COMBINATION DRAWING

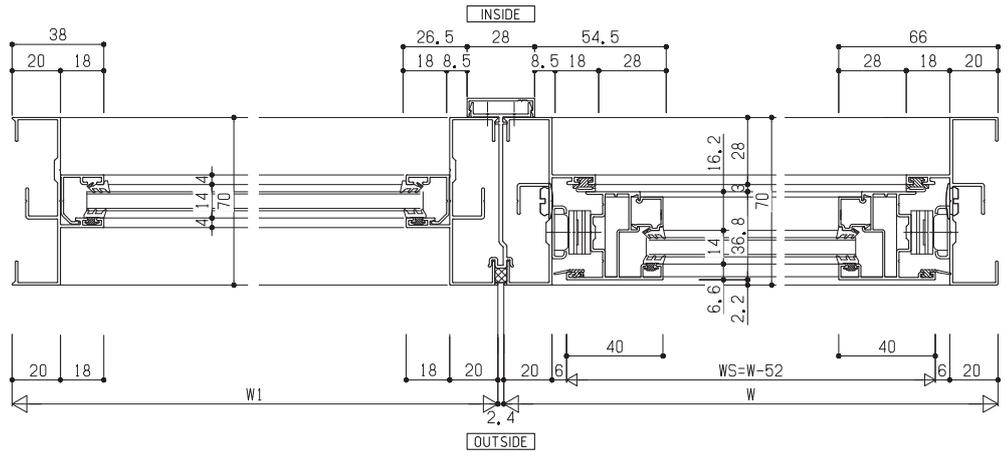
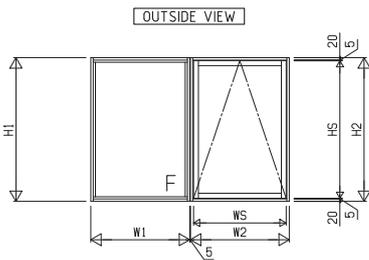
### MADELA FIX + OTHER SERIES (NEXSTA LOUVER)

T (T-Mullion)



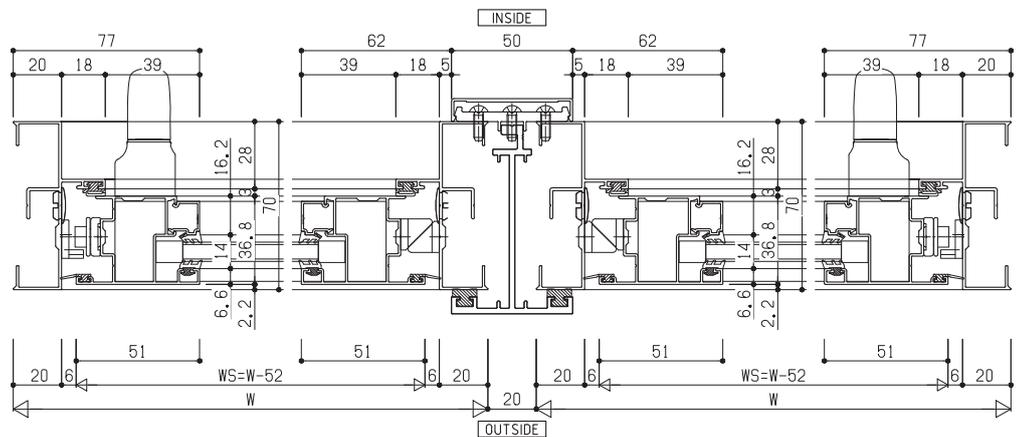
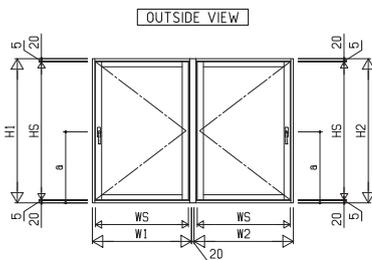
### MADELA FIX + MADELA TH

M (Mullion)



### MADELA CA + MADELA CA

T (T-Mullion)

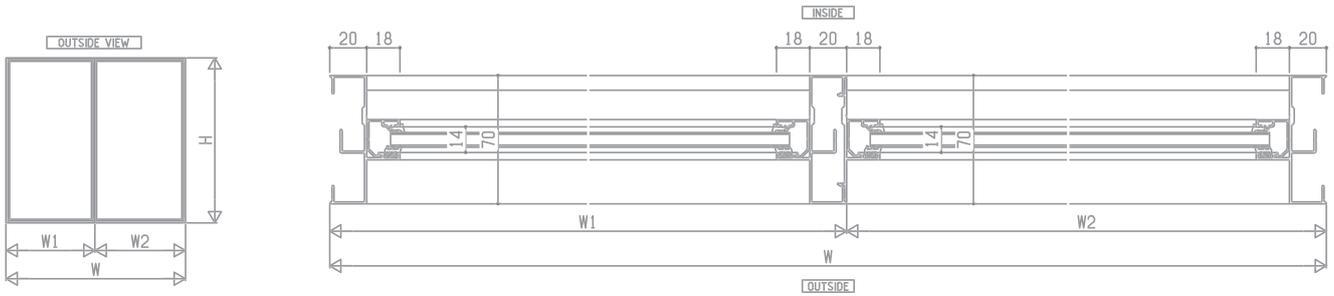


# COUPLING MULLION

## REFERENCE COMBINATION DRAWING

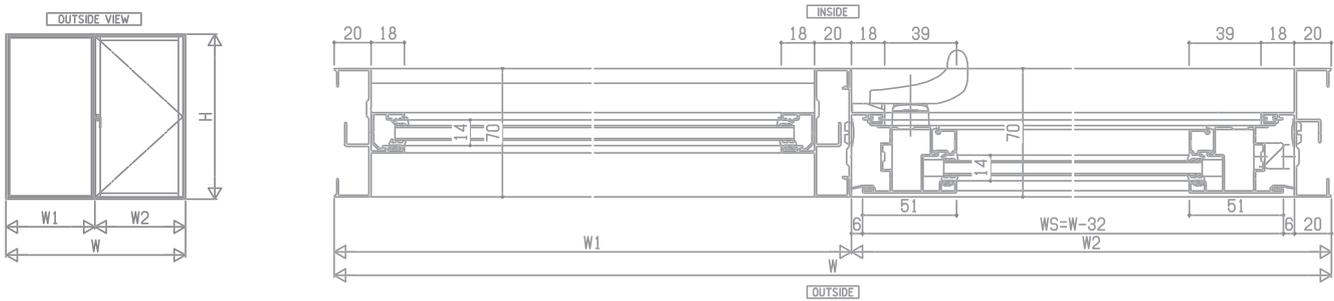
### MADELA FIX + MADELA FIX

Coupling Mullion



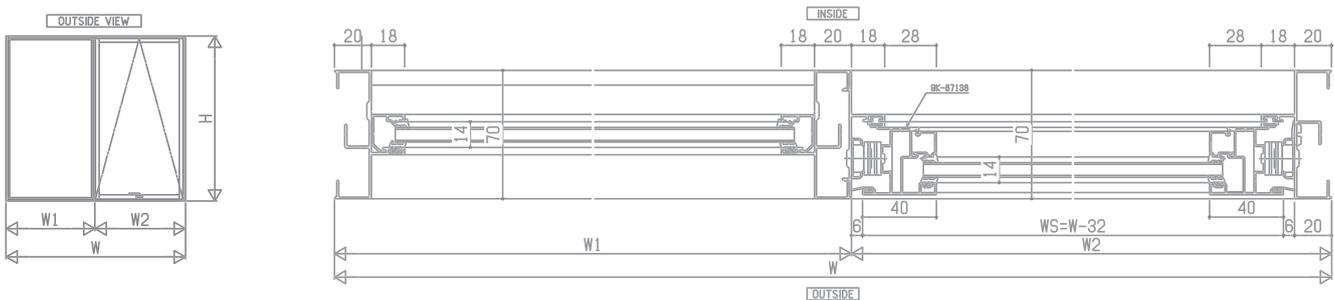
### MADELA FIX + MADELA CASEMENT

Coupling Mullion



### MADELA FIX + MADELA TOP HUNG

Coupling Mullion









# MADELA

WINDOWS THAT MEET THE DEMANDS OF FUTURE HOUSING

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