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For Better Living

Door Control Hardware Typical Product Catalogue



Door Control Hardware
Typical Product Catalogue



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Specification of the Product Code Change

I Specification

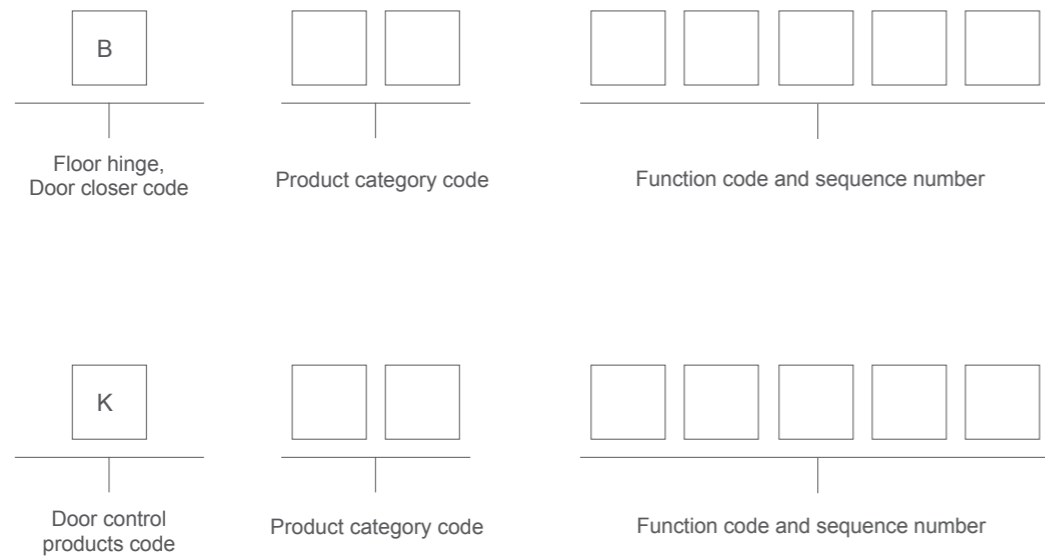
- Purpose**
The product code is based on the product attribute, to make code of product standardized, scientific, unique, coordinated, practical and expandable.
- Application scope**
It is suitable for all of the products in this catalogue.

II Rules

- Code number has 8 digits of combination with 3 digits + 5 digits.
- First 3 digits are letters; last 5 digits are either numbers only or number with letters.
- The total number of special product code has 9 digits.

III Principle

- The first letter of product code of floor hinge and door closer is "B".
- The first letter of door control product code is "K".
- Classification of all product codes are according to the characteristics of door type, bearing weight capacity, product style and function, etc.



Comparison of new product code & previous product code

No.	Product category	New code	Previous code	New Code No.	Previous Code No.
1	Floor Hinge	Floor hinge	Floor Hinge	BDH	HD/HDF
		Floor hinge accessories	Floor Hinge Accessories	BDP	DS/DX/DY
2	Door Closer	Door closer	Door closer	BBM	YB/B/BZ
		Door closer accessories	Door Closer Accessories	BBP	BZJ
3	Opening and closing controlling device of window sash	Sash opening and closing controlling device of window sash	window closer	BBC	BM
4	Glass Clamp for Doors	Door patch fitting 100Kg series	—	KMJ	—
		Door patch fitting 100Kg series	Short Patch/Bending Patch /Bracket Y500		M/YM/Y
		Door patch fitting 130Kg series	BracketY400/Y800		Y
		Door patch fitting 150Kg series	Medium-weight capacity Patch		M
		Door patch fitting 180Kg series	BracketY900		Y
		Door patch fitting 200Kg series	Heavy Patch/Bending Patch		FM/YM
		Door patch fitting 300Kg series	—		—
		Long Door patch fitting 130Kg series	Split-type Long Patch		CM/CMS
		Long Door patch fitting 150Kg series	Standard Long Patch		CM/CMS
		Long Door patch fitting 200Kg series	Lengthened Long Patch		CM/CMS
5	Door Lock	Glass door lock	Glass Door Lock/Lock Clamp/ Sliding Door Lock	KMS	BS/S/YMS
		Profile door lock	Center Lock for Profile Doors/ Ground Lock		XS/DS
6	Door Hinge	Eccentric pivoted arm	—	KHY	—
		Eccentric door spindle	Door Spindle/Pivot Hinge		XP/DZ
		Glass door hinge	Glass Door Hinge		JL
7	Auxiliary Accessories	Glass door latch	Glass Door Latch	KFJ	BCX
		Frome door latch	Latch		CX
		Automatic anti-dust strip at the door bottom	—		—
		Stainless steel big handle	Handle		LS
8	Door Handle	Handle with lock	Handle with Lock	KLS	LSS
		Stainless steel small handle	—		—
		Hidden handle	Sliding Door Handle		TLG/TL
		Sliding door series	Sliding door accessories		KYN/KYW
9	Sliding door system	Buffering door series	Buffer sliding door accessories	KYN	—
		Linkage door series	Buffer Linkage door	KYN	KYL
		Wooden folding door series	—	KZD	—
Glass folding door series	Side hang / Middle hang	ZDM			
10	Folding door system	Wooden movable partition series	—	KHD	—
		Glass movable partition series	Active partition system		—
11	Active partition system	Automatic door machine series	Electric Sliding Door Series	KYD	—
		Magnetic lock series	Magnetic lock	KDS	CS/CSL
		Electric plug lock series	Electric plug lock	KDC	DCS
		Electromagnetic door suction series	Electromagnetic door suction	KDX	MX
		Door access controlling machine series	Card Reader	KDM	DK
		Switch series	Switch	KDK	KG
		Remote control series	Remote Control		Y
		Auxiliary accessories series	Bracket/ Power Controller	KDF	ZJ/PCS

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01

Floor Hinge



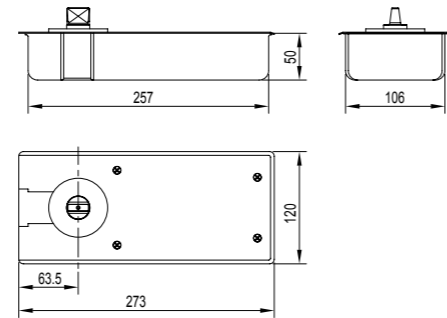
Floor Hinge List

Diagram	Code	Location type	Door width	Maximum Loading	Life cycle	Speed control	page
	HD101/HDF101	90°/Non-hold	650~1050mm	100Kg	>500,000 Cycles	One speed section	P3
	HD102	90°	650~900mm	90Kg	>300,000 Cycles	One speed section	P5
	HD103/ BDH10003(New)	90°/Non-hold	600~950mm	65Kg	>300,000 Cycles	One speed section	P7
	HD201	90°	650~1050mm	90Kg	>500,000 Cycles	Two speed section	P9
	BDH20114	90°	650~750mm (Unilateral)	85~100Kg	>500,000 Cycles	Two speed section	P11
	BDH20314/ BDH20304(New)	90°/Non-hold	650~1050mm	100Kg	>500,000 Cycles	Two speed section	P13
	BDH20315/ BDH20305(New)	90°/Non-hold	800~1200mm	130Kg	>500,000 Cycles	Two speed section	P15
	HD203/HDF203	90°/Non-hold	650~1050mm	100Kg	>1,000,000 Cycles	Two speed section	P17
	HD204	90°	750~1100mm	115Kg	>1,000,000 Cycles	Two speed section	P19
	HD205/HDF205	90°/Non-hold	800~1200mm	130Kg	>1,000,000 Cycles	Two speed section	P21
	HD304	90°/120°-180° hold	650~1050mm	100Kg	>1,000,000 Cycles	Two speed section	P23
	HD305	90°/120°-180° hold	800~1200mm	130Kg	>1,000,000 Cycles	Two speed section	P25
	HD403	90°	650~1050mm	100Kg	>1,000,000 Cycles	Two speed section	P27
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	HD406/HDF406	90°/Non-hold	1100~1300mm	150Kg	>1,000,000 Cycles	Two speed section	P31
	BDH40017	90°	1150~1400mm	180Kg	>1,000,000 Cycles	Two speed section	P33
	HD407/BDH40008	90°/Non-hold	1200~1400mm	200Kg	>1,000,000 Cycles	Two speed section	P35
	BDH50011/ BDH50001	90°/Non-hold	1200~1400mm	250Kg	>500,000 Cycles	Two speed section	P37
	BDH50012	90°	Door width: 1200~1500mm Maximum Door high: 3200mm	300Kg	>500,000 Cycles	Two speed section	P39
	BDH50013	90°	Door width: 1200~1500mm Maximum Door high: 3800mm	350Kg	>500,000 Cycles	Two speed section	P41
	BDH50014	90°	Door width: 1200~1500mm Maximum Door high: 4200mm	400Kg	>500,000 Cycles	Two speed section	P43
	BDH60015(New)	90°	800~1000mm	85Kg	>500,000 Cycles	Two speed section	P45
	BDH60016(New)	90°	800~1200mm	100Kg	>500,000 Cycles	Two speed section	P45
	BDH70014	90°~130°hold	650~800mm	85Kg	>300,000 Cycles	Two speed section	P48
	BDH70015	90°~130°hold	750~900mm	100Kg	>300,000 Cycles	Two speed section	P48



HD101 / HDF101 Floor Hinge

Product Drawing

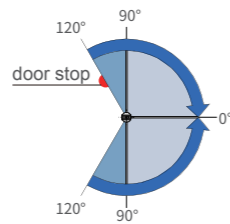


Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

Technical Parameters

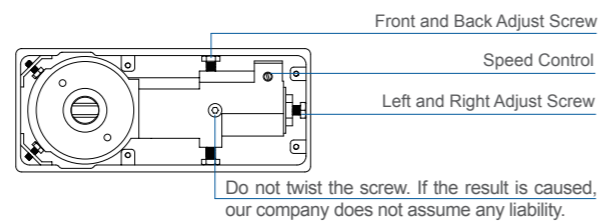
- Location type: 90°/Non-hold
- Door width: 650~1050mm
- Maximum Loading: 100kg
- Life cycle: >500,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: One speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 120°
- Structure of main body: Single cylinder
- Cover plate thickness: 1.2mm
- Spindle: 14° or 6°



Application Performance

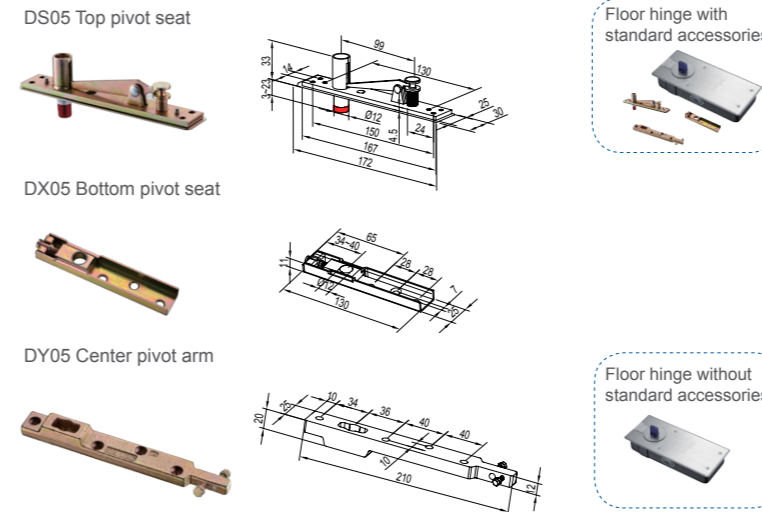
- Speed-section 1 closed
- The buffer
- 0° is closing, 90° is location
- Graphics HD101, HDF101 has not 90° hold function
- To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



Direction diagram	Name	Adjustment
Up and down	Up and down	—
Left and right	Left and right	6mm
Front and back	Front and back	4mm

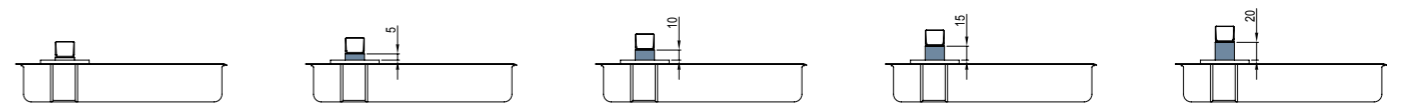
Accessory products



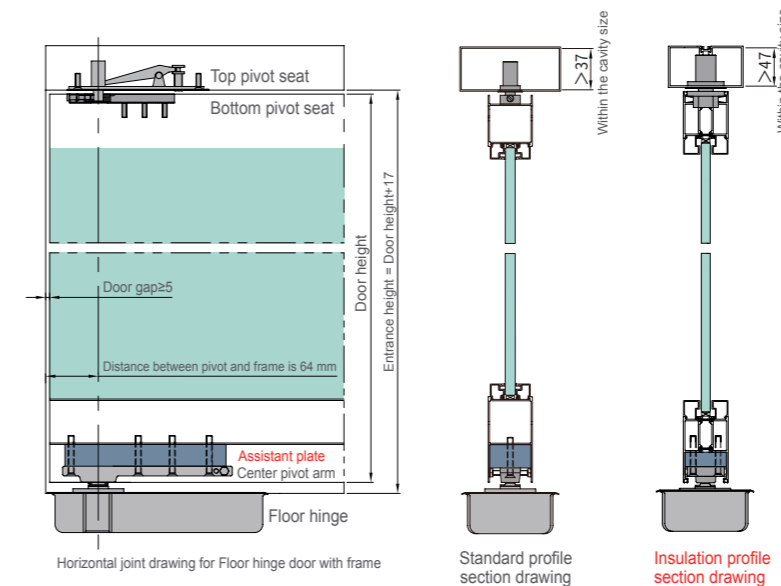
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P126-P130
2	Brackets	P139-P142
3	Long patch fitting	P145-P146

Spindle can be heightened(Please remark before ordering if required)



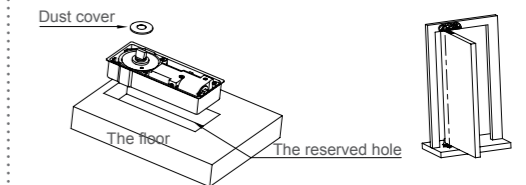
Installation Diagram



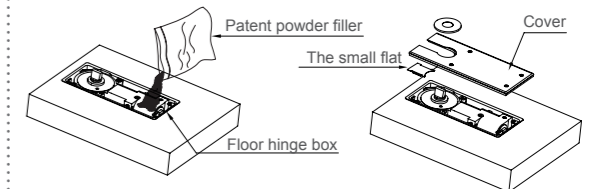
- Note :1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
- 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

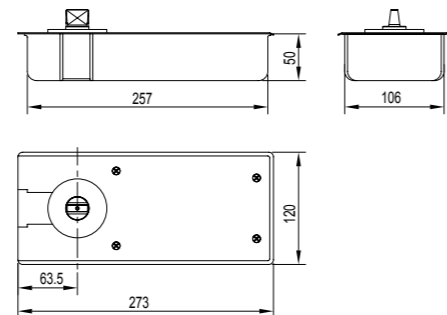


- Pour the powder inside the box
- Fix the cover



HD102 Floor Hinge

Product Drawing

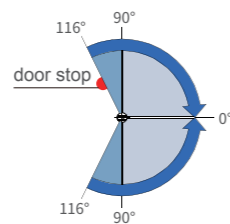


Functional Characteristic

Passed the test of industrial standard QB/T 2697
 Passed the test of SGS & DGM
 Passed the test of EN1154 standard of door closing detection
 Originate the special filler with anti-rust, water proof, keep warm, insect prevention
 It can be used on both left and right side door
 Bidirection opening and the single side opening should be achieved by auxiliary method
 Suit for wooden door, metal door, glass door, frame door

Technical Parameters

Location type: 90°
 Door width: 650~900mm
 Maximum Loading: 90kg
 Life cycle: >300,000 Cycles
 Main Material: Main body-Gray cast-iron;
 Cover plate—SS304
 Speed control: One speed section
 Suitable Temperature: -15°C~40°C
 Surface of the cover plate: 400#Hairline
 Max open degree: 116°
 Structure of main body: Single cylinder
 Cover plate thickness: 1.2mm
 Spindle: 14° or 6°

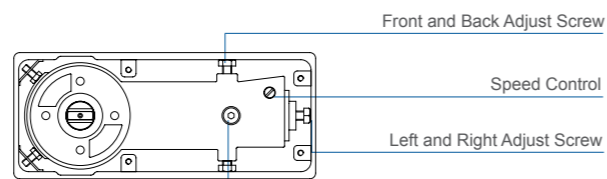


Application Performance

Speed-section 1 closed The buffer
 0° is closing, 90° is location

To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram

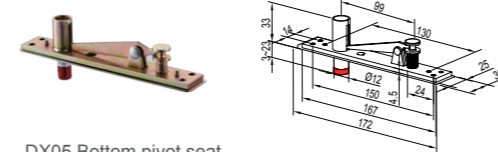


Do not twist the screw. If the result is caused, our company does not assume any liability.

Direction diagram	Name	Adjustment
Up and down	Up and down	—
Left and right	Left and right	8mm
Front and back	Front and back	8mm

Accessory products

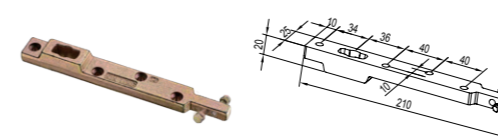
DS05 Top pivot seat



DX05 Bottom pivot seat



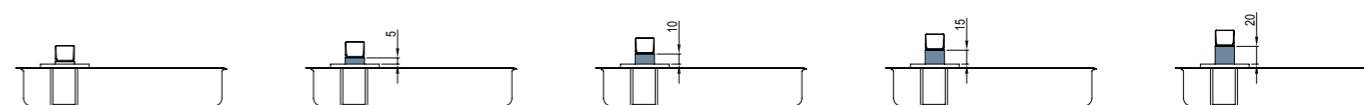
DY05 Center pivot arm



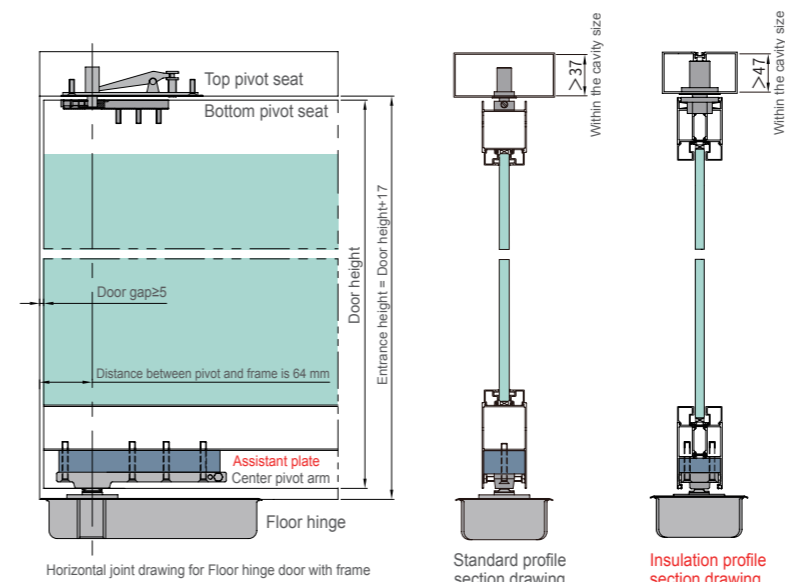
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P126-P130
2	Brackets	P139-P142
3	Long patch fitting	P145-P146

Spindle can be heightened(Please remark before ordering if required)



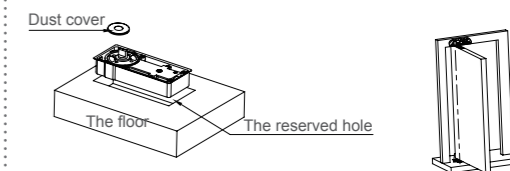
Installation Diagram



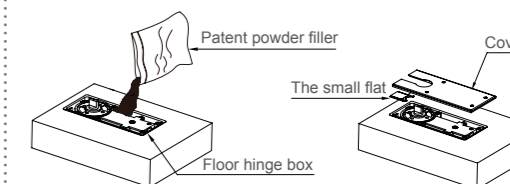
Note :1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

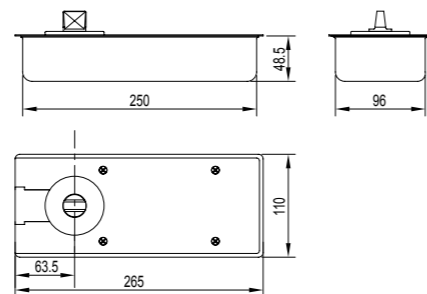


- Pour the powder inside the box
- Fix the cover



HD103/BDH10003 Floor Hinge New

Product Drawing

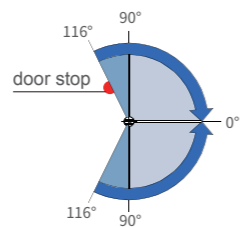


Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

Technical Parameters

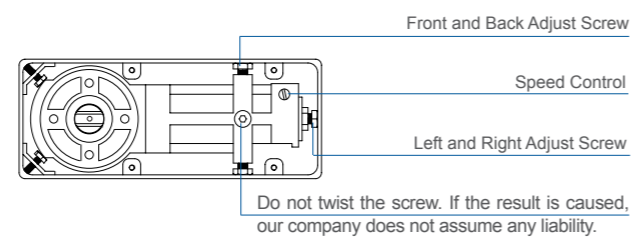
- Location type: 90°/Non-hold
- Door width: 650~1050mm
- Maximum Loading: 65kg
- Life cycle: >300,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: One speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 116°
- Structure of main body: Single cylinder
- Cover plate thickness: 1.2mm
- Spindle: 14° or 6°



Application Performance

- Speed-section 1 closed
- The buffer
- 0° is closing, 90° is location
- Graphics HD103, BDH10003 has not 90° hold function
- To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



Direction diagram	Name	Adjustment
Up and down	Up and down	—
Left and right	Left and right	4mm
Front and back	Front and back	4mm

Accessory products

DS05 Top pivot seat

DX05 Bottom pivot seat

DY05 Center pivot arm

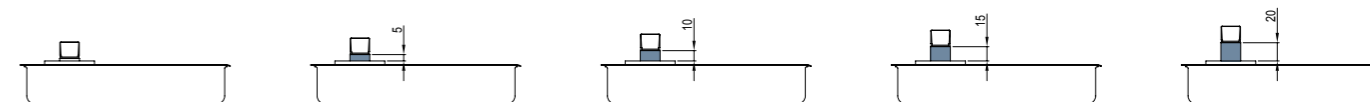
Floor hinge with standard accessories

Floor hinge without standard accessories

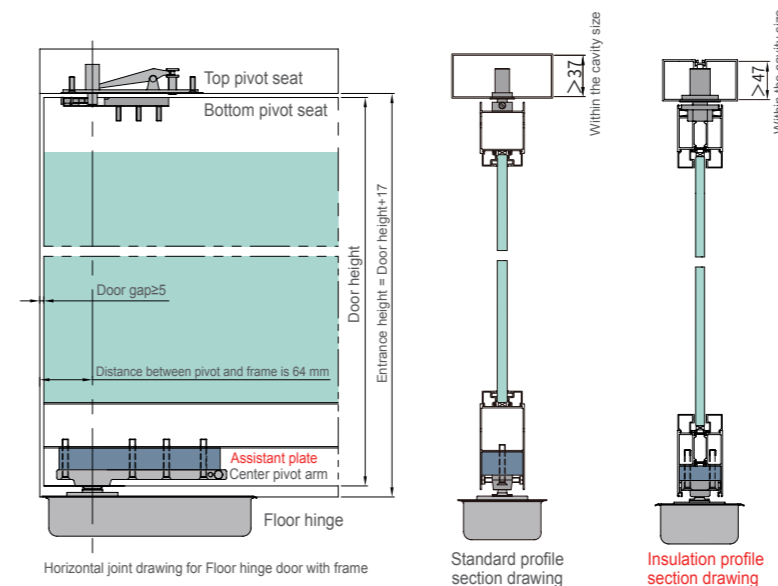
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P126-P130
2	Brackets	P139
3	Long patch fitting	P145-P146

Spindle can be heightened(Please remark before ordering if required)



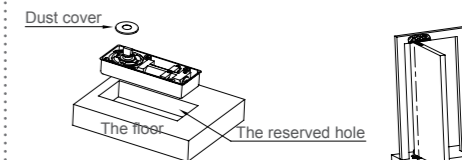
Installation Diagram



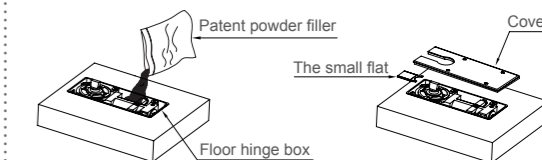
- Note: 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

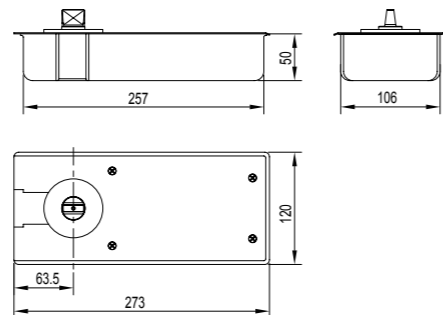


- Pour the powder inside the box
- Fix the cover



HD201 Floor Hinge

Product Drawing

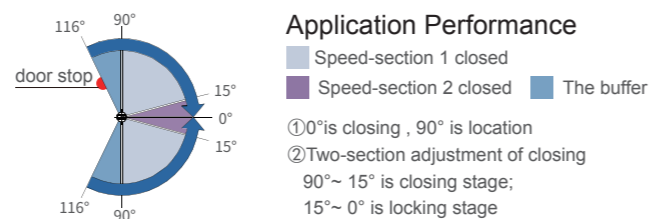


Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

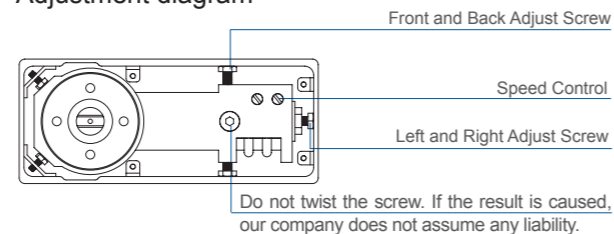
Technical Parameters

- Location type: 90°
- Door width: 650~1050mm
- Maximum Loading: 90kg
- Life cycle: >500,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: Two speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 116°
- Structure of main body: Single cylinder
- Cover plate thickness: 1.2mm
- Spindle: 14° or 6°



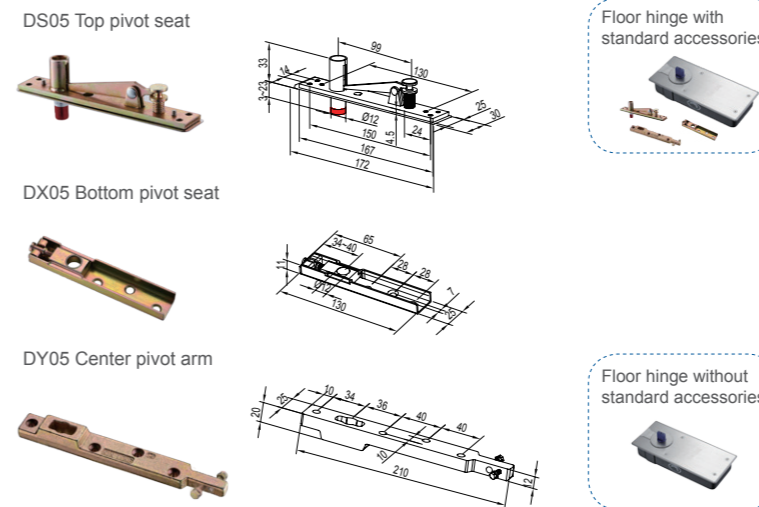
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



Direction diagram	Name	Adjustment
Up and down	Up and down	—
Left and right	Left and right	5mm
Front and back	Front and back	5mm

Accessory products



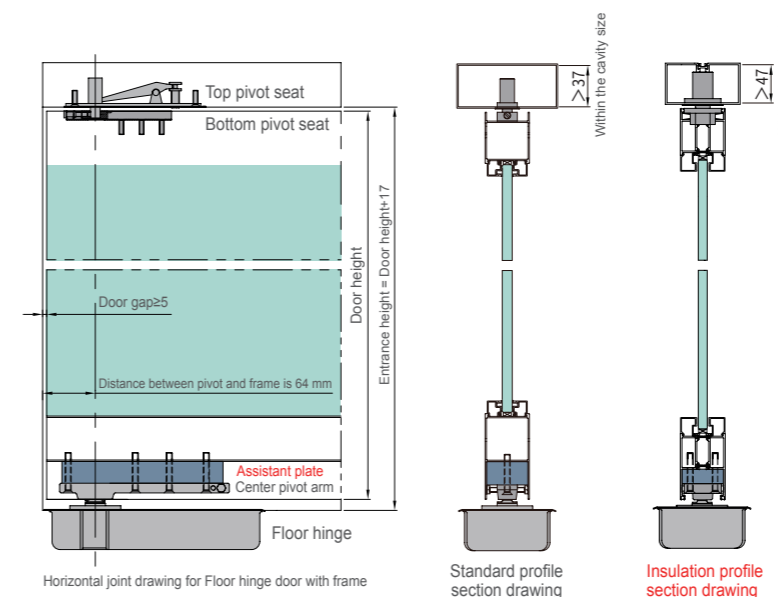
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P126-P130
2	Brackets	P139-P142
3	Long patch fitting	P145-P146

Spindle can be heightened(Please remark before ordering if required)



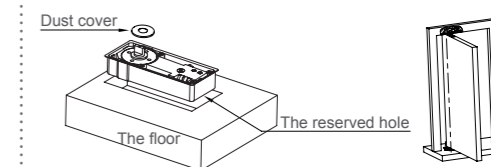
Installation Diagram



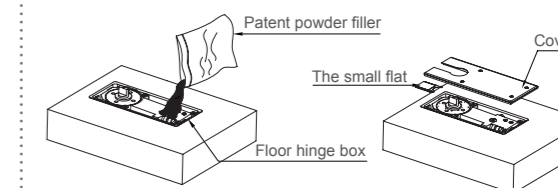
Note: 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door



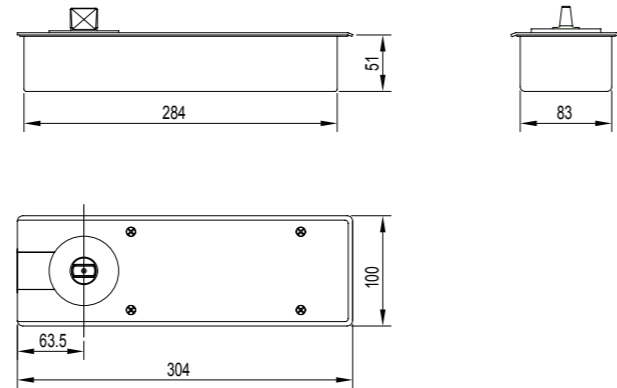
- Pour the powder inside the box
- Fix the cover





BDH20114 Floor Hinge

Product Drawing

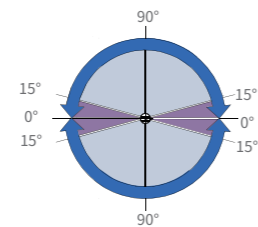


Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Suit for wooden door, metal door, glass door, frame door (For center installations only)

Technical Parameters

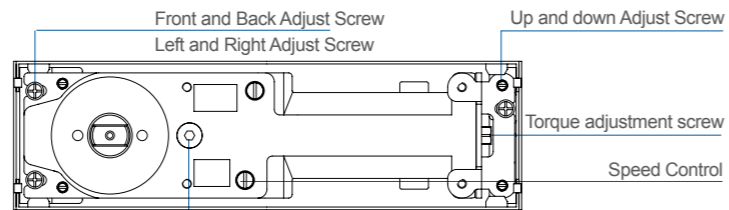
- Location type: 90°
- Door width: 650~750mm(Unilateral)
- Maximum Loading: 85~100kg
- Life cycle: >500,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate-SS304
- Speed control: Two speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 360°
- Structure of main body: Single cylinder
- Cover plate thickness: 2.0mm
- Spindle: 14° or 6°



Application Performance

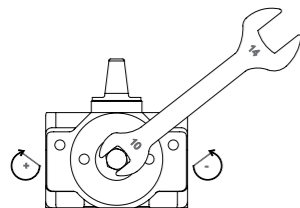
- Speed-section 1 closed
- Speed-section 2 closed
- ① 0° is closing, 90° is location
- ② Two-section adjustment of closing: 90°~15° is closing stage; 15°~0° is locking stage

Adjustment diagram



Do not twist the screw. If the result is caused, our company does not assume any liability.

Direction diagram	Name	Adjustment
	Up and down	2mm
	Front and back	2mm
	Left and right	2mm



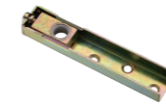
Torque adjustment table	
Category	Adjust the number of turns
2	-3
3	0
Note: "3" force before leaving the factory	

Accessory products

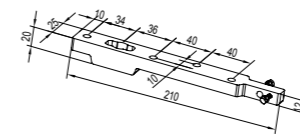
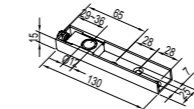
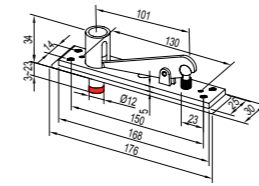
DS03 Top pivot seat



DX03 Bottom pivot seat



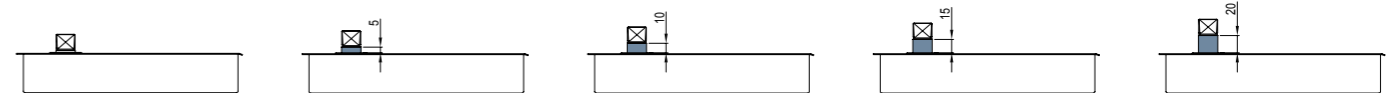
DY05 Center pivot arm



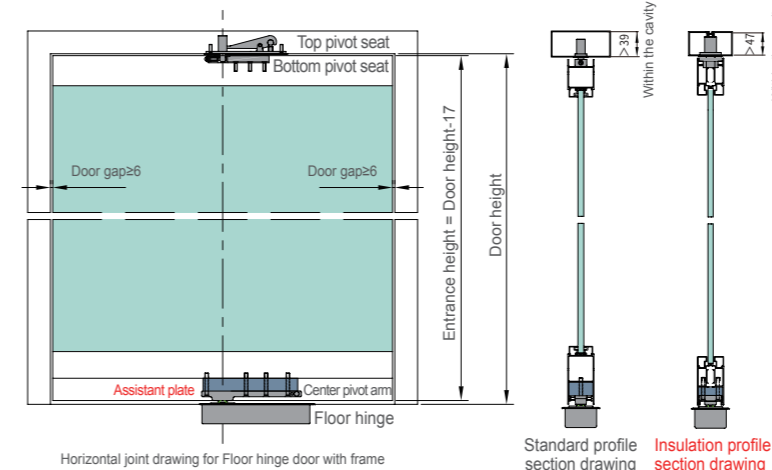
Floor hinge with standard accessories



Spindle can be heightened (Please remark before ordering if required)



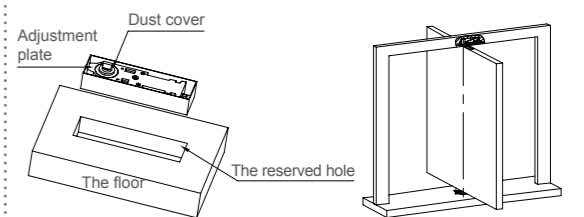
Installation Diagram



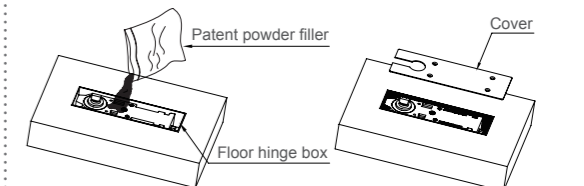
Note: 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

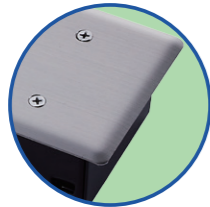
Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door



- Pour the powder inside the box
- Fix the cover

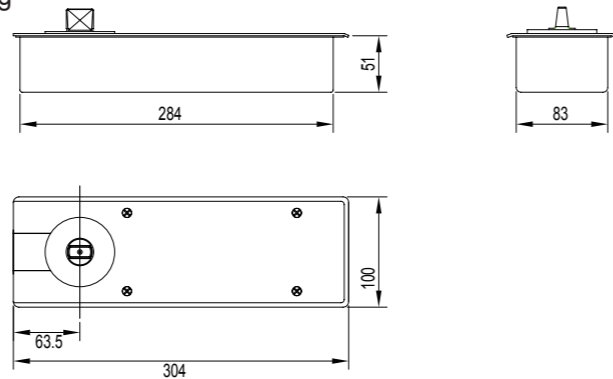




Ultra narrow

BDH20314/BDH20304 Floor Hinge New

Product Drawing

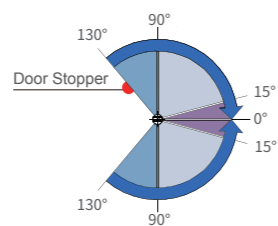


Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

Technical Parameters

- Location type: 90°/Non-hold
- Door width: 650~1050mm
- Maximum Loading: 100kg
- Life cycle: >500,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: Two speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 130°
- Structure of main body: Single cylinder
- Cover plate thickness: 2.0mm
- Spindle: 14° or 6°

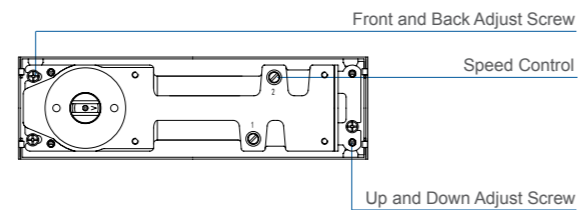


Application Performance

- Speed-section 1 closed
- Speed-section 2 closed
- The buffer
- ① 0° is closing, 90° is location
- ② Two-section adjustment of closing
- 90°~15° is closing stage;
- 15°~0° is locking stage

Graphics BDH20314, BDH20304 has not 90° hold function
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



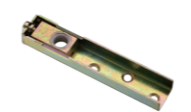
Direction diagram	Name	Adjustment
	Up and down	2mm
	Front and back	2mm
	Left and right	2mm

Accessory products

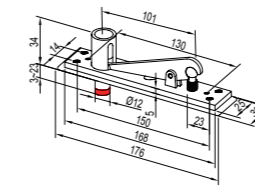
DS03 Top pivot seat



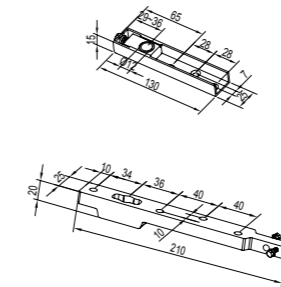
DX03 Bottom pivot seat



DY05 Center pivot arm



Floor hinge with standard accessories



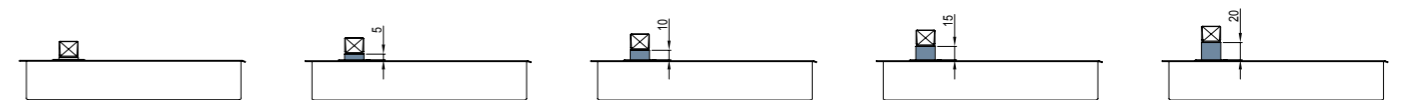
Floor hinge without standard accessories



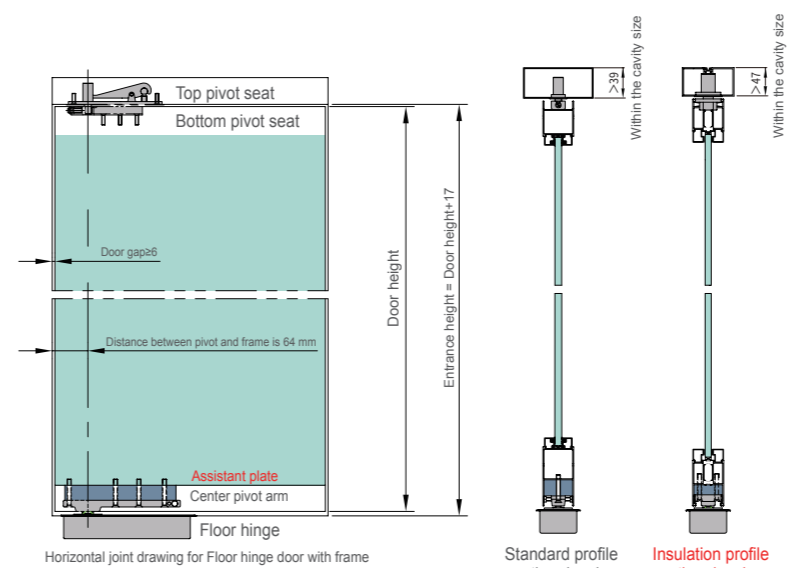
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P127-P132
2	Brackets	P139-P142
3	Long patch fitting	P145-P148

Spindle can be heightened (Please remark before ordering if required)



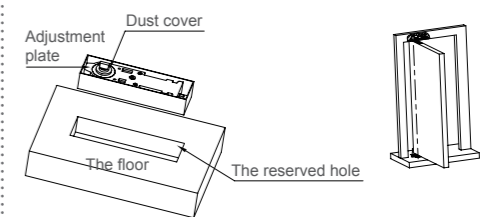
Installation Diagram



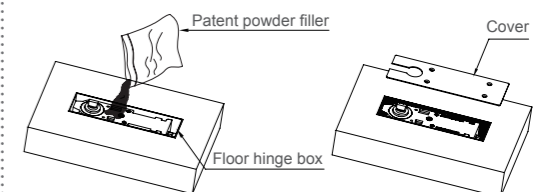
- Note :1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
- 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

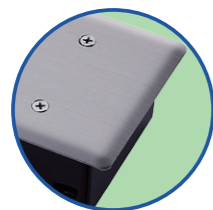
Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door



- Pour the powder inside the box
- Fix the cover

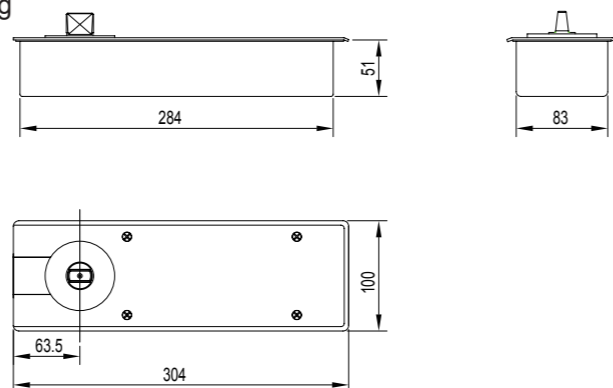




Ultra narrow

BDH20315/BDH20305 Floor Hinge New

Product Drawing



Functional Characteristic

Passed the test of industrial standard QB/T 2697
 Passed the test of SGS & DGM
 Passed the test of EN1154 standard of door closing detection
 Originate the special filler with anti-rust, water proof, keep warm, insect prevention
 It can be used on both left and right side door
 Bidirection opening and the single side opening should be achieved by auxiliary method
 Suit for wooden door, metal door, glass door, frame door

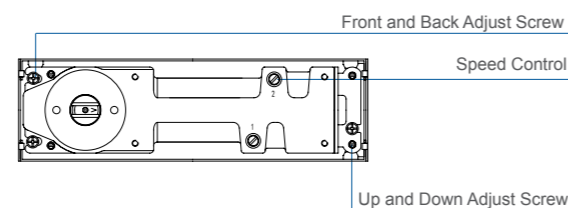
Technical Parameters

Location type: 90°/Non-hold Suitable Temperature: -15°C~40°C
 Door width: 800~1200mm Surface of the cover plate: 400#Hairline
 Maximum Loading: 130kg Max open degree: 130°
 Life cycle: >500,000 Cycles Structure of main body: Single cylinder
 Main Material: Main body-Gray cast-iron; Cover plate thickness: 2.0mm
 Cover plate—SS304 Spindle: 14°or 6°
 Speed control: Two speed section

Application Performance

■ Speed-section 1 closed ■ The buffer
■ Speed-section 2 closed
 ① 0° is closing, 90° is location
 ② Two-section adjustment of closing
 90°~15° is closing stage;
 15°~0° is locking stage
Graphics BDH20315, BDH20305 has not 90° hold function
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



Direction diagram	Name	Adjustment
	Up and down	2mm
	Left and right	2mm
	Front and back	2mm

Accessory products

DS03 Top pivot seat Floor hinge with standard accessories

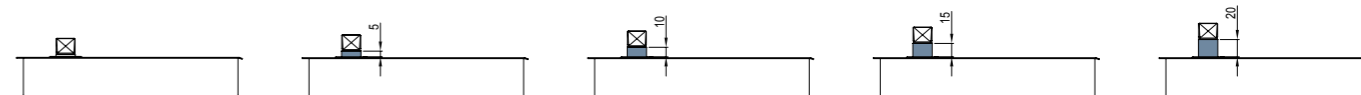
DX03 Bottom pivot seat

DY05 Center pivot arm Floor hinge without standard accessories

- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P127-P132
2	Brackets	P139-P142
3	Long patch fitting	P145-P148

Spindle can be heightened(Please remark before ordering if required)



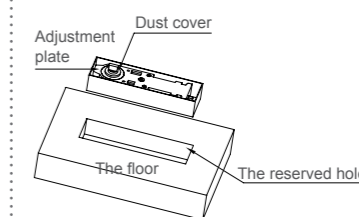
Installation Diagram

Horizontal joint drawing for Floor hinge door with frame

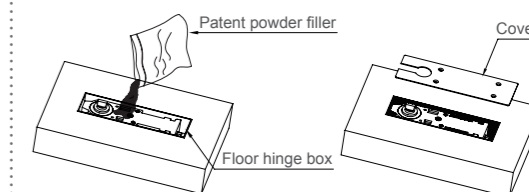
Standard profile section drawing Insulation profile section drawing

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door



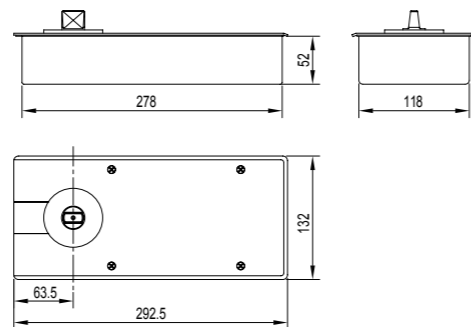
- Pour the powder inside the box
- Fix the cover



Note :1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

HD203 / HDF203 Floor Hinge

Product Drawing



Functional Characteristic

Passed the test of industrial standard QB/T 2697
 Passed the test of SGS & DGM
 Passed the test of EN1154 standard of door closing detection
 Originate the special filler with anti-rust, water proof, keep warm, insect prevention
 It can be used on both left and right side door
 Bidirection opening and the single side opening should be achieved by auxiliary method
 Suit for wooden door, metal door, glass door, frame door

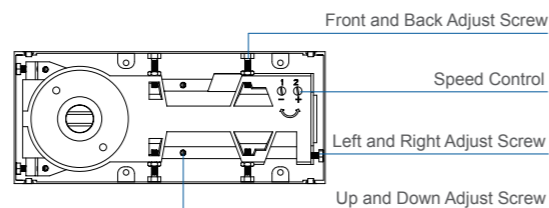
Technical Parameters

Location type: 90°/Non-hold
 Door width: 650~1050mm
 Maximum Loading: 100kg
 Life cycle: >1,000,000 Cycles
 Main Material: Main body-Gray cast-iron; Cover plate—SS304
 Speed control: Two speed section
 Suitable Temperature: -15°C~40°C
 Surface of the cover plate: 400#Hairline
 Max open degree: 130°
 Structure of main body: Single cylinder
 Cover plate thickness: 2.0mm
 Spindle: 14° or 6°

Application Performance

■ Speed-section 1 closed
■ Speed-section 2 closed ■ The buffer
 ① 0° is closing, 90° is location
 ② Two-section adjustment of closing
 90°~15° is closing stage;
 15°~0° is locking stage
Graphics HD203, HDF203 has not 90°hold function
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

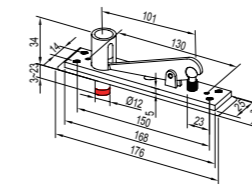
Adjustment diagram



Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	10mm
	Front and back	9mm

Accessory products

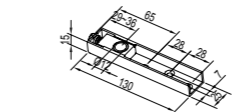
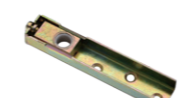
DS03 Top pivot seat



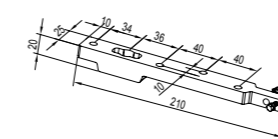
Floor hinge with standard accessories



DX03 Bottom pivot seat



DY05 Center pivot arm



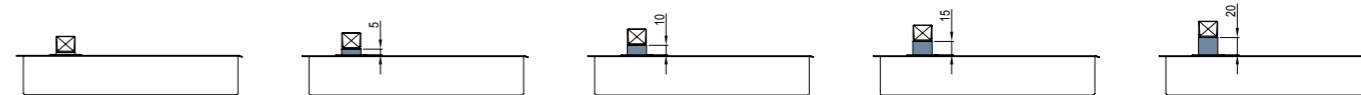
Floor hinge without standard accessories



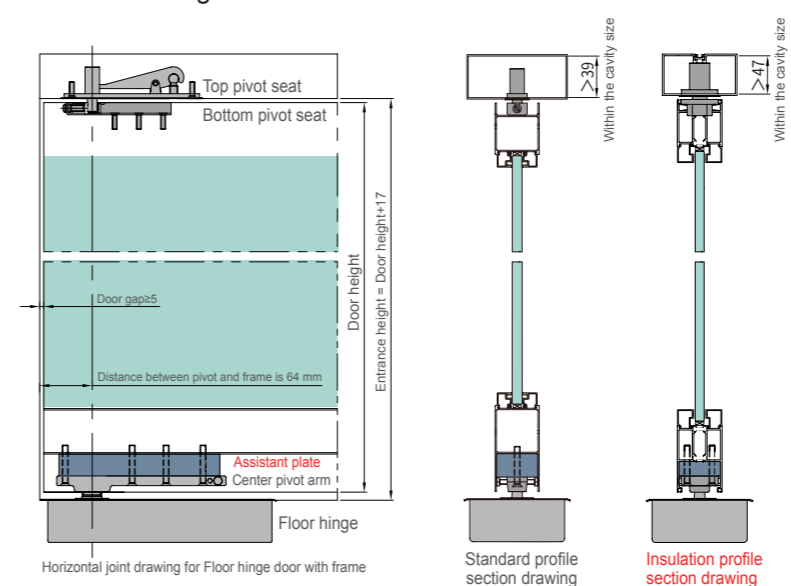
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P127-P132
2	Brackets	P139-P142
3	Long patch fitting	P145-P148

Spindle can be heightened(Please remark before ordering if required)



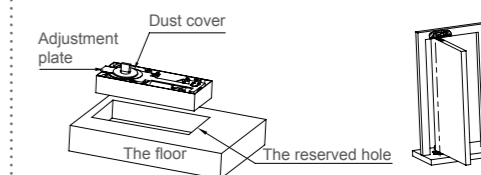
Installation Diagram



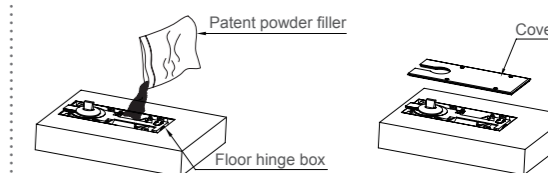
Note: 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

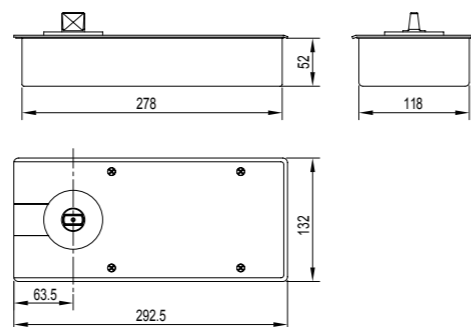


- Pour the powder inside the box
- Fix the cover



HD204 Floor Hinge

Product Drawing

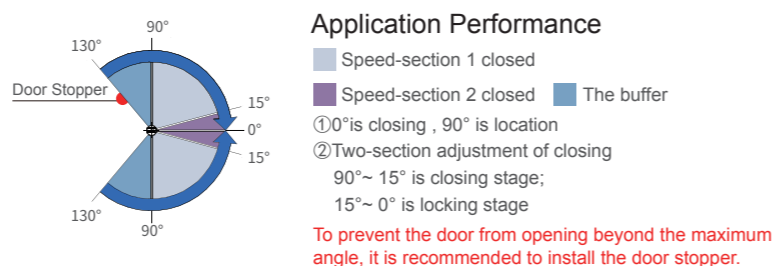


Functional Characteristic

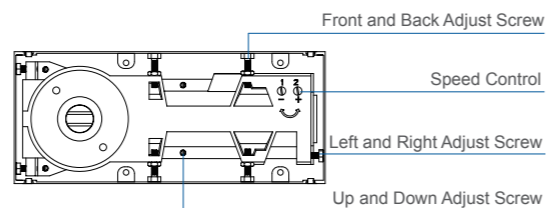
Passed the test of industrial standard QB/T 2697
 Passed the test of SGS & DGM
 Passed the test of EN1154 standard of door closing detection
 Originate the special filler with anti-rust, water proof, keep warm, insect prevention
 It can be used on both left and right side door
 Bidirection opening and the single side opening should be achieved by auxiliary method
 Suit for wooden door, metal door, glass door, frame door

Technical Parameters

Location type: 90° Suitable Temperature: -15°C~40°C
 Door width: 750~1100mm Surface of the cover plate: 400#Hairline
 Maximum Loading: 115kg Max open degree: 130°
 Life cycle: >1,000,000 Cycles Structure of main body: Single cylinder
 Main Material: Main body-Gray cast-iron; Cover plate thickness: 2.0mm
 Cover plate—SS304 Spindle: 14° or 6°
 Speed control: Two speed section



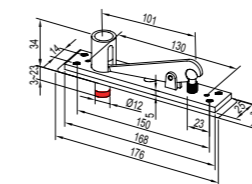
Adjustment diagram



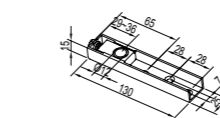
Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	10mm
	Front and back	9mm

Accessory products

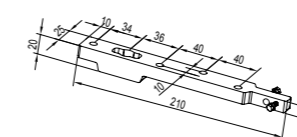
DS03 Top pivot seat



DX03 Bottom pivot seat



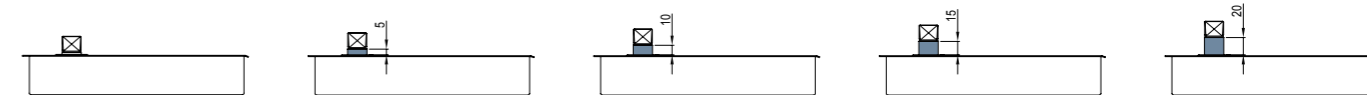
DY05 Center pivot arm



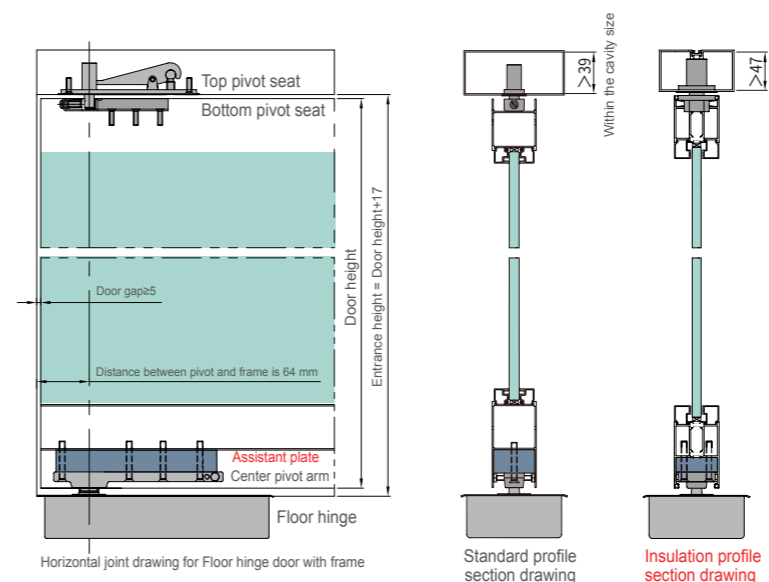
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P127-P132
2	Brackets	P139-P142
3	Long patch fitting	P145-P148

Spindle can be heightened(Please remark before ordering if required)



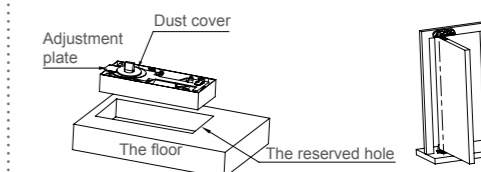
Installation Diagram



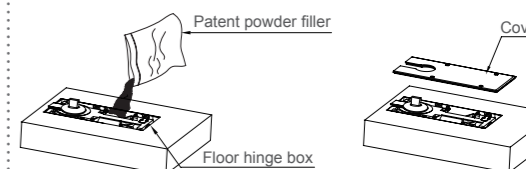
Note: 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

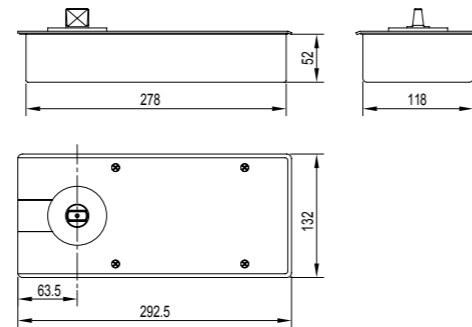


- Pour the powder inside the box
- Fix the cover



HD205/HDF205 Floor Hinge

Product Drawing



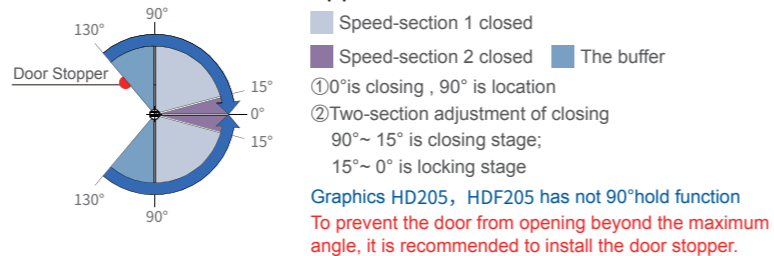
Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

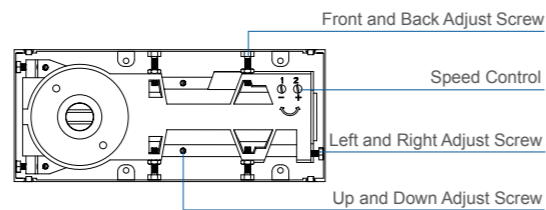
Technical Parameters

- Location type: 90°/Non-hold
- Door width: 800~1200mm
- Maximum Loading: 130kg
- Life cycle: >1,000,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: Two speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 130°
- Structure of main body: Single cylinder
- Cover plate thickness: 2.0mm
- Spindle: 14° or 6°

Application Performance



Adjustment diagram



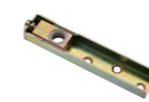
Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	10mm
	Front and back	9mm

Accessory products

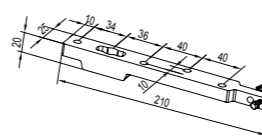
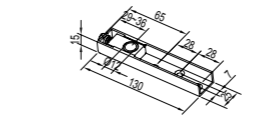
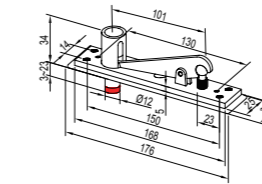
DS03 Top pivot seat



DX03 Bottom pivot seat



DY05 Center pivot arm



Floor hinge with standard accessories



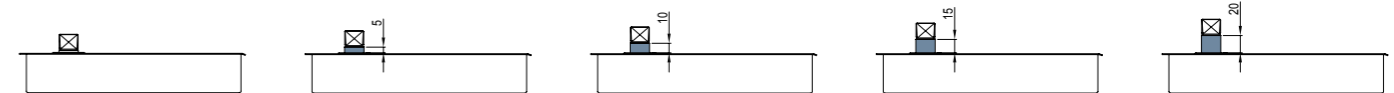
Floor hinge without standard accessories



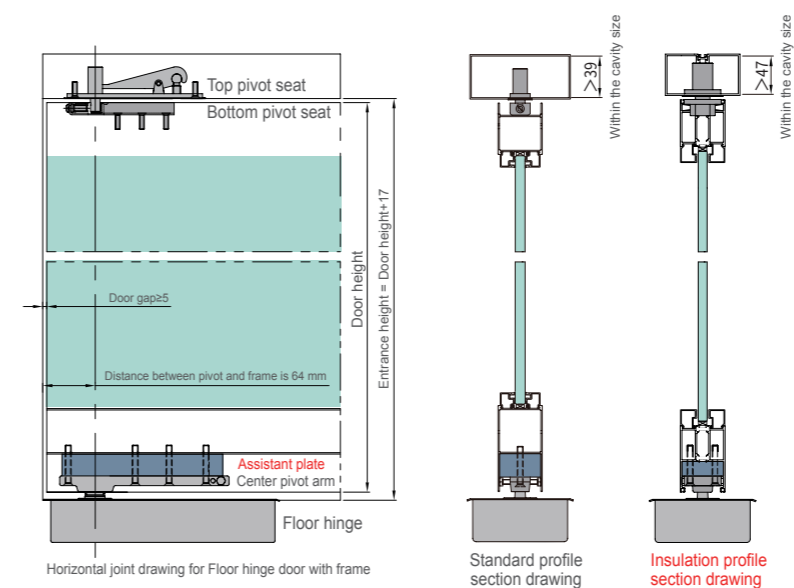
- ◆When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P127-P132
2	Brackets	P139-P142
3	Long patch fitting	P145-P148

Spindle can be heightened(Please remark before ordering if required)



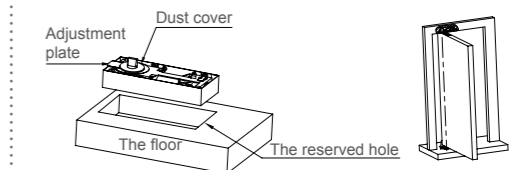
Installation Diagram



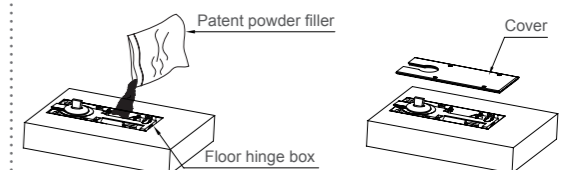
Note : 1.Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
2.Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

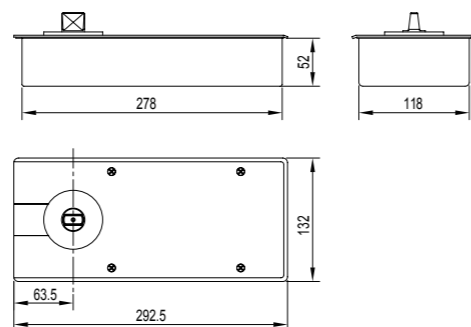


- Pour the powder inside the box
- Fix the cover



HD304 Floor Hinge

Product Drawing



Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

Technical Parameters

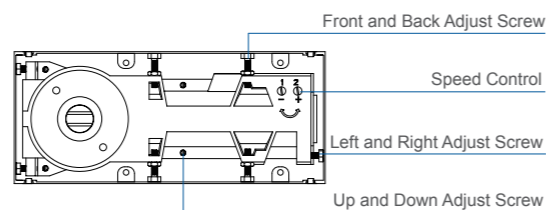
- Location type: 90°/120°-180°hold
- Door width: 650~1050mm
- Maximum Loading: 100kg
- Life cycle: >1,000,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: Two speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 180°
- Structure of main body: Single cylinder
- Cover plate thickness: 2.0mm
- Spindle: 14° or 6°

Application Performance

- ① 0° is closing, 90° is location
- ② Two-section adjustment of closing: 90°~15° is closing stage; 15°~0° is locking stage

To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	10mm
	Front and back	9mm

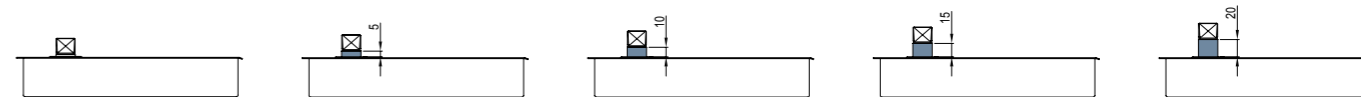
Accessory products

- DS03 Top pivot seat
- DX03 Bottom pivot seat
- DY05 Center pivot arm

- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P127-P132
2	Brackets	P139-P142
3	Long patch fitting	P145-P148

Spindle can be heightened(Please remark before ordering if required)

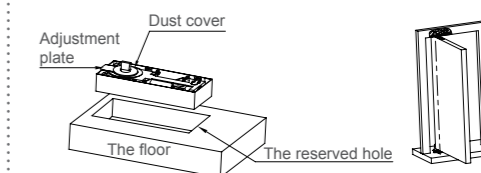


Installation Diagram

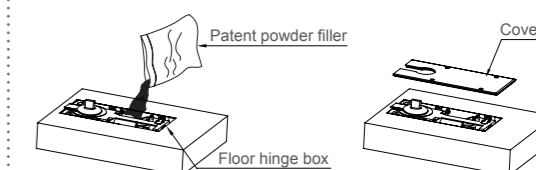
Note : 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

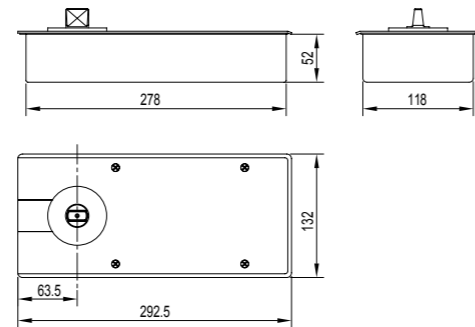


- Pour the powder inside the box
- Fix the cover



HD305 Floor Hinge

Product Drawing



Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

Technical Parameters

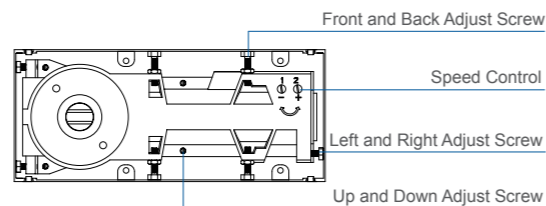
- Location type: 90°/120°-180°hold
- Door width: 800~1200mm
- Maximum Loading: 130kg
- Life cycle: >1,000,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: Two speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 180°
- Structure of main body: Single cylinder
- Cover plate thickness: 2.0mm
- Spindle: 14° or 6°

Application Performance

① 0° is closing, 90° is location
 ② Two-section adjustment of closing
 90°~15° is closing stage;
 15°~0° is locking stage

To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	10mm
	Front and back	9mm

Accessory products

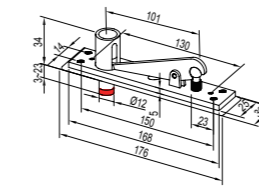
DS03 Top pivot seat



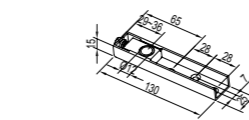
DX03 Bottom pivot seat



DY05 Center pivot arm



Floor hinge with standard accessories



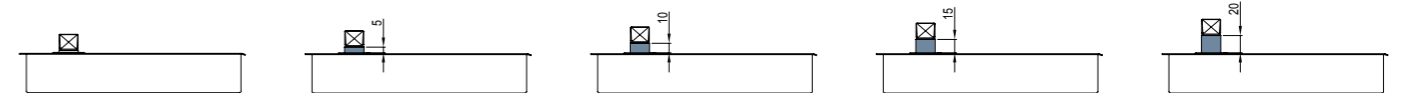
Floor hinge without standard accessories



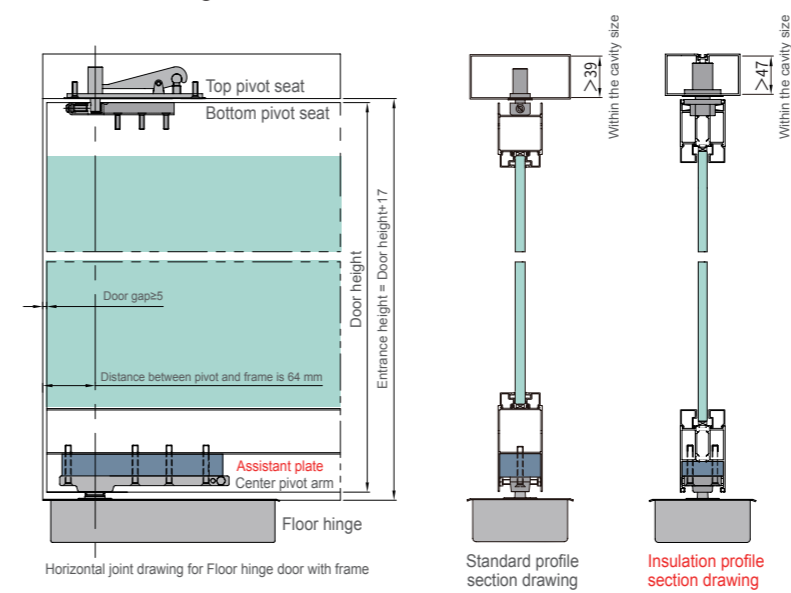
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P127-P132
2	Brackets	P139-P142
3	Long patch fitting	P145-P148

Spindle can be heightened(Please remark before ordering if required)



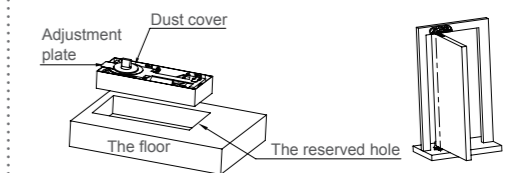
Installation Diagram



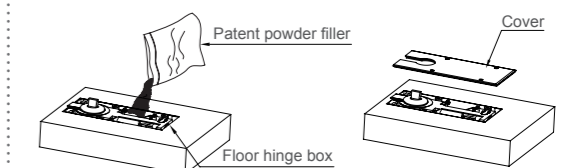
Note: 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

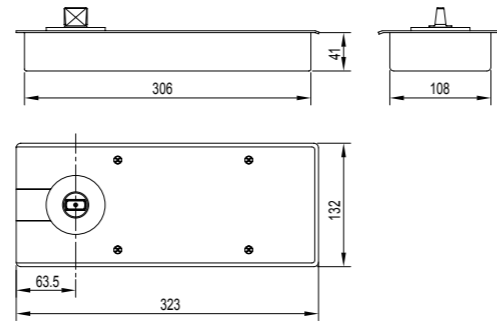


- Pour the powder inside the box
- Fix the cover



HD403 Floor Hinge

Product Drawing

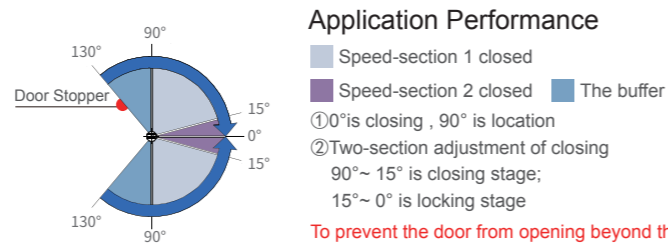


Functional Characteristic

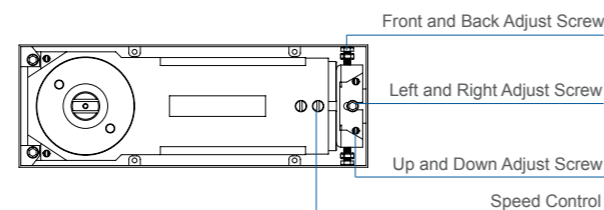
- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

Technical Parameters

- Location type: 90°
- Door width: 650~1050mm
- Maximum Loading: 100kg
- Life cycle: >1,000,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: Two speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 130°
- Structure of main body: Single cylinder
- Cover plate thickness: 2.0mm
- Spindle: 14° or 6°



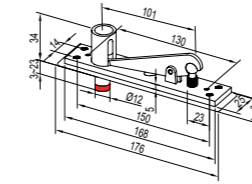
Adjustment diagram



Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	8mm
	Front and back	6mm

Accessory products

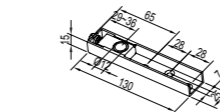
DS03 Top pivot seat



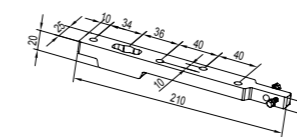
Floor hinge with standard accessories



DX03 Bottom pivot seat



DY05 Center pivot arm



Floor hinge without standard accessories



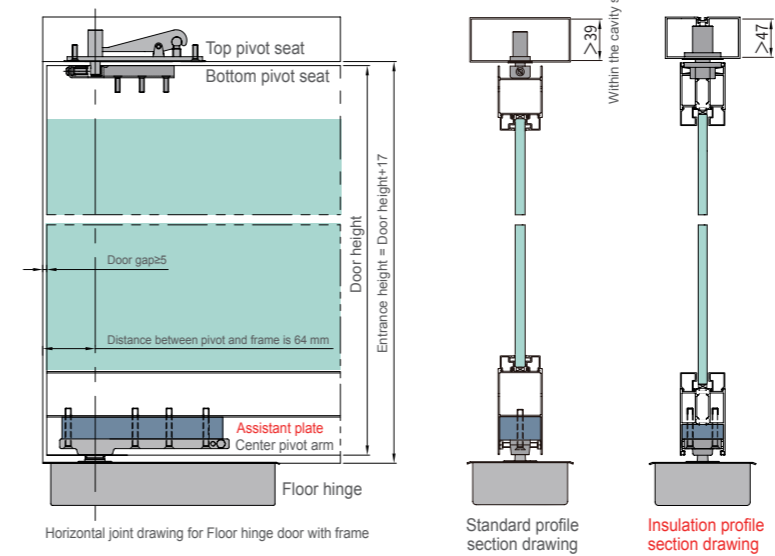
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P127-P132
2	Brackets	P139-P142
3	Long patch fitting	P145-P148

Spindle can be heightened(Please remark before ordering if required)



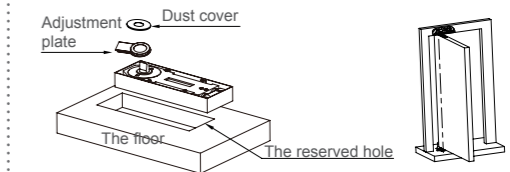
Installation Diagram



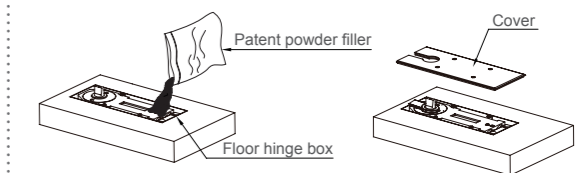
Note : 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

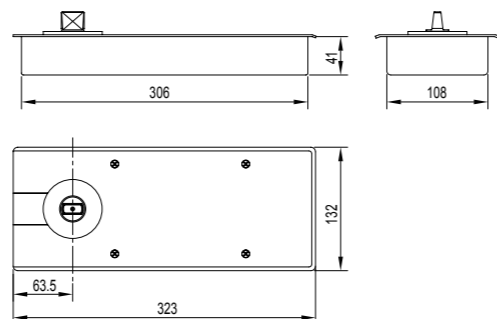


- Pour the powder inside the box
- Fix the cover



HD405 Floor Hinge

Product Drawing



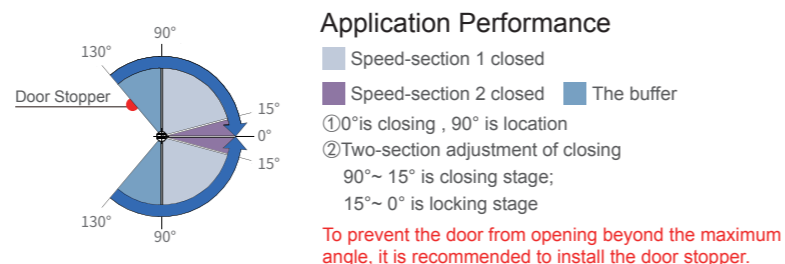
Functional Characteristic

Passed the test of industrial standard QB/T 2697
 Passed the test of SGS & DGM
 Passed the test of EN1154 standard of door closing detection
 Originate the special filler with anti-rust, water proof, keep warm, insect prevention
 It can be used on both left and right side door
 Bidirection opening and the single side opening should be achieved by auxiliary method
 Suit for wooden door, metal door, glass door, frame door

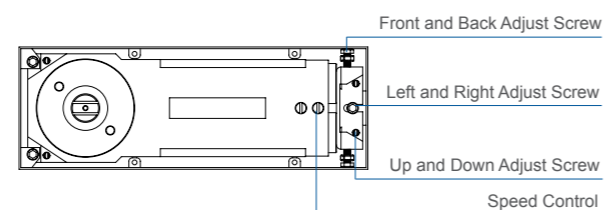
Technical Parameters

Location type: 90°
 Door width: 800~1200mm
 Maximum Loading: 130kg
 Life cycle: >1,000,000 Cycles
 Main Material: Main body-Gray cast-iron;
 Cover plate—SS304
 Speed control: Two speed section

Suitable Temperature: -15°C~40°C
 Surface of the cover plate: 400#Hairline
 Max open degree: 130°
 Structure of main body: Single cylinder
 Cover plate thickness: 2.0mm
 Spindle: 14° or 6°

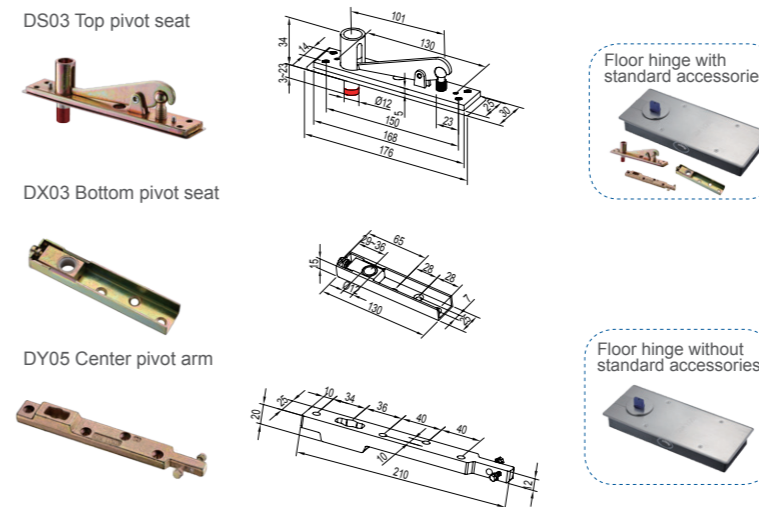


Adjustment diagram



Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	8mm
	Front and back	6mm

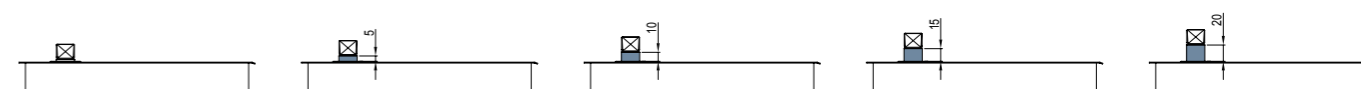
Accessory products



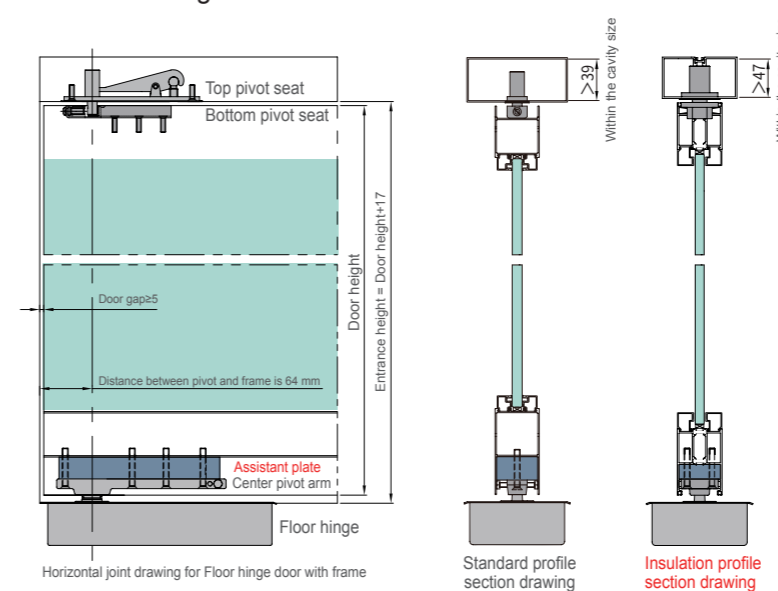
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P127-P132
2	Brackets	P139-P142
3	Long patch fitting	P145-P148

Spindle can be heightened(Please remark before ordering if required)



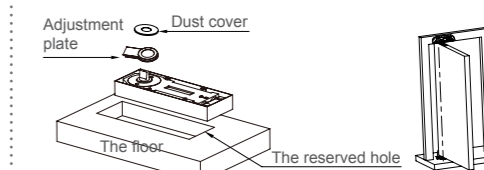
Installation Diagram



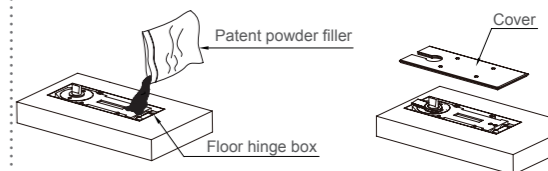
Note : 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

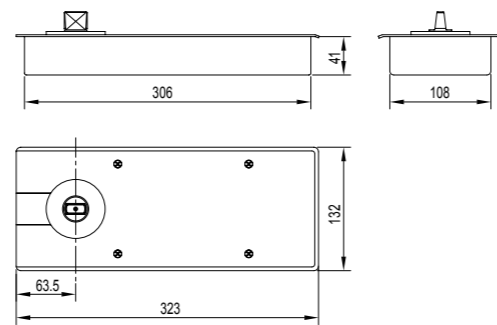


- Pour the powder inside the box
- Fix the cover



HD406 / HDF406 Floor Hinge

Product Drawing



Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

Technical Parameters

- Location type: 90°/Non-hold
- Door width: 1100~1300mm
- Maximum Loading: 150kg
- Life cycle: >1,000,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: Two speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 130°
- Structure of main body: Double-cylinder
- Cover plate thickness: 2.0mm
- Spindle: 14° or 6°

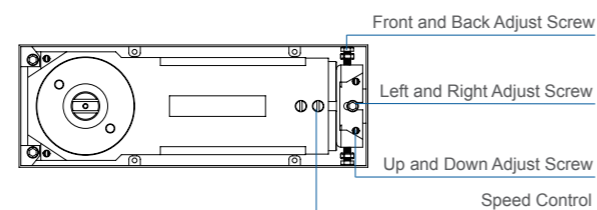
Application Performance

- Speed-section 1 closed
- Speed-section 2 closed
- The buffer

① 0° is closing, 90° is location
 ② Two-section adjustment of closing
 90°~15° is closing stage;
 15°~0° is locking stage

Graphics HD406, HDF406 has not 90° hold function
 To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

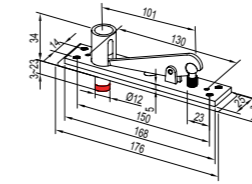
Adjustment diagram



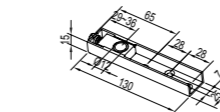
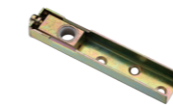
Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	8mm
	Front and back	6mm

Accessory products

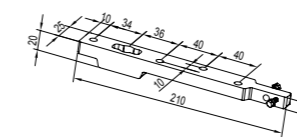
DS03 Top pivot seat



DX03 Bottom pivot seat



DY05 Center pivot arm



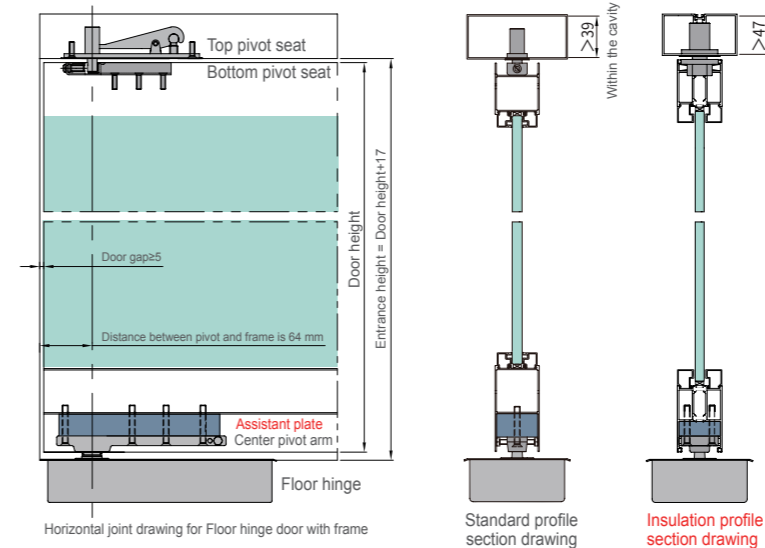
- ◆When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P131-P136
2	Brackets	P143-P144
3	Long patch fitting	P144-P150

Spindle can be heightened(Please remark before ordering if required)

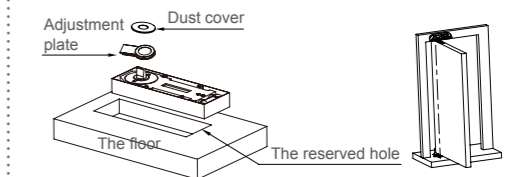


Installation Diagram

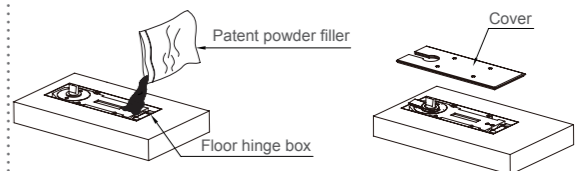


Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door



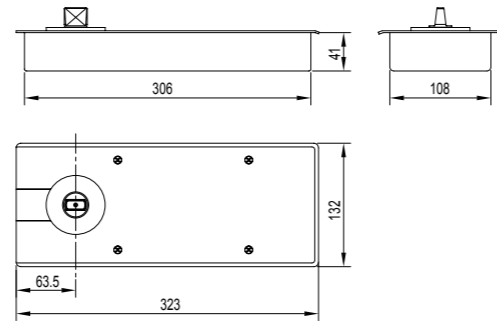
- Pour the powder inside the box
- Fix the cover



Note :1.Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2.Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

BDH40017 Floor Hinge

Product Drawing



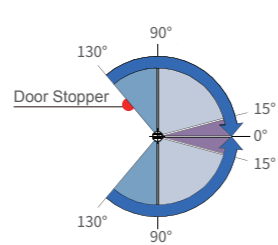
Functional Characteristic

Passed the test of industrial standard QB/T 2697
 Passed the test of SGS & DGM
 Passed the test of EN1154 standard of door closing detection
 Originate the special filler with anti-rust, water proof, keep warm, insect prevention
 It can be used on both left and right side door
 Bidirection opening and the single side opening should be achieved by auxiliary method
 Suit for wooden door, metal door, glass door, frame door

Technical Parameters

Location type: 90°
 Door width: 1150~1400mm
 Maximum Loading: 180kg
 Life cycle: >1,000,000 Cycles
 Main Material: Main body-Gray cast-iron;
 Cover plate—SS304
 Speed control: Two speed section

Suitable Temperature: -15°C~40°C
 Surface of the cover plate: 400#Hairline
 Max open degree: 130°
 Structure of main body: Double-cylinder
 Cover plate thickness: 2.0mm
 Spindle: 14° or 6°

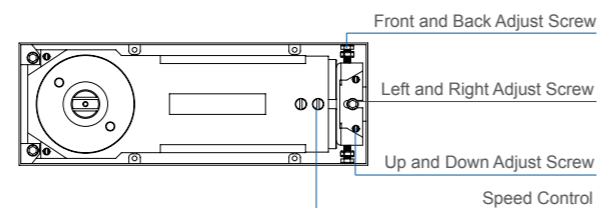


Application Performance

Speed-section 1 closed
 Speed-section 2 closed
 The buffer
 ① 0° is closing, 90° is location
 ② Two-section adjustment of closing
 90°~15° is closing stage;
 15°~0° is locking stage

To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

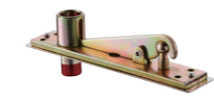
Adjustment diagram



Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	8mm
	Front and back	6mm

Accessory products

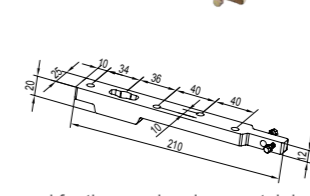
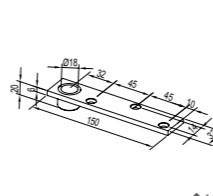
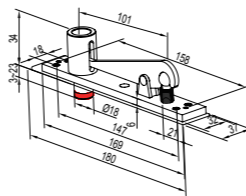
DS04 Top pivot seat



DX04 Bottom pivot seat



DY05 Center pivot arm



Floor hinge with standard accessories



Floor hinge without standard accessories

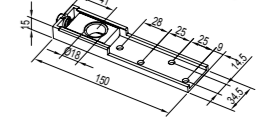
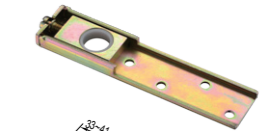


- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

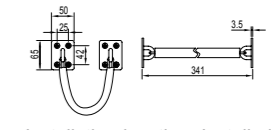
No.	Products	Page
1	Patch fitting	P131-P136
2	Brackets	P143-P144
3	Long patch fitting	P149-P150

selective accessories

BDP40102 Bottom pivot seat (The adjustable)



BDP10001 Safety chain

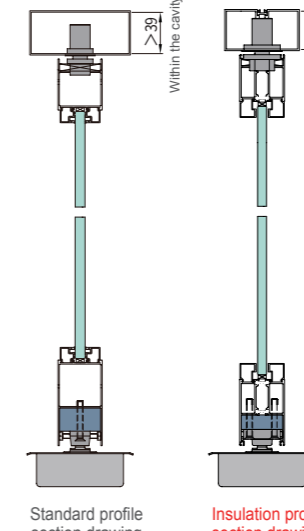
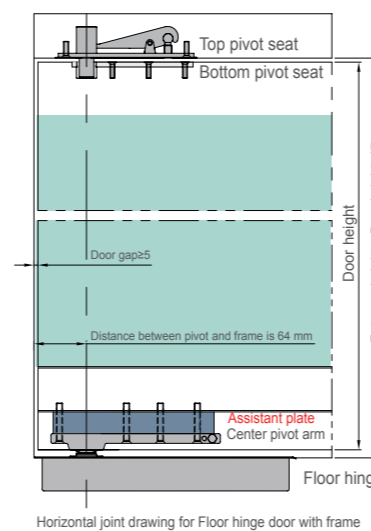


Installation location: Installed at the top of the door sash and door frame
 Applicable door weight: 65~400kg

Spindle can be heightened(Please remark before ordering if required)



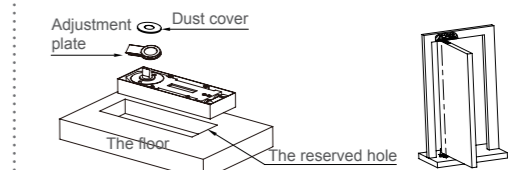
Installation Diagram



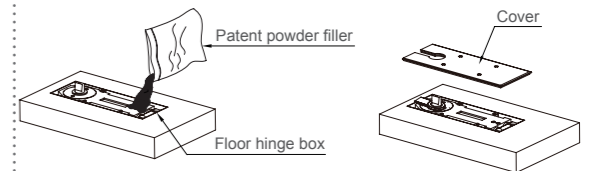
Note : 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door

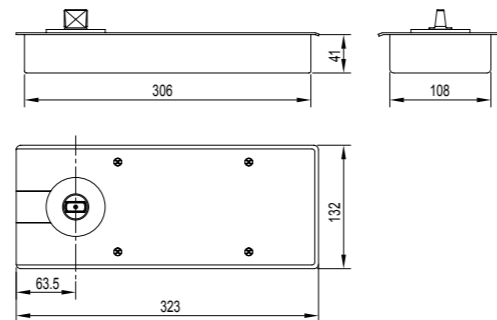


- Pour the powder inside the box
- Fix the cover



HD407/BDH40008 Floor Hinge

Product Drawing



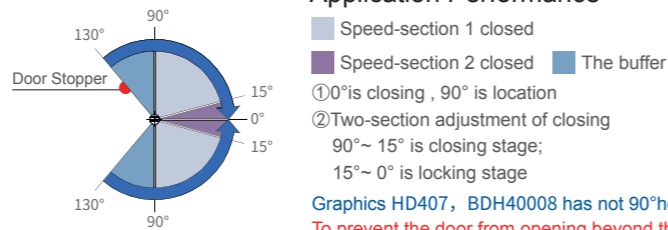
Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

Technical Parameters

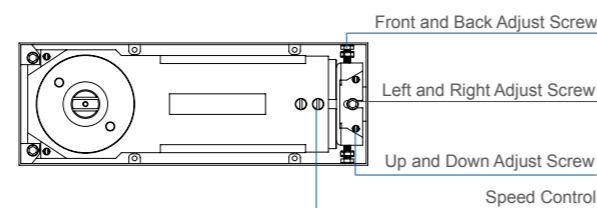
- Location type: 90°/Non-hold
- Door width: 1200~1400mm
- Maximum Loading: 200kg
- Life cycle: >1,000,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: Two speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 130°
- Structure of main body: Double-cylinder
- Cover plate thickness: 2.0mm
- Spindle: 14° or 6°

Application Performance



- ① 0° is closing, 90° is location
 - ② Two-section adjustment of closing: 90°~15° is closing stage; 15°~0° is locking stage
- Graphics HD407, BDH40008 has not 90° hold function
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	8mm
	Front and back	6mm

Accessory products

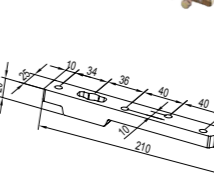
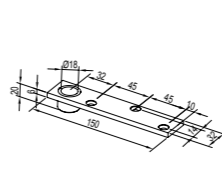
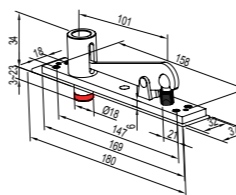
DS04 Top pivot seat



DX04 Bottom pivot seat



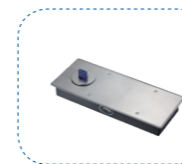
DY05 Center pivot arm



Floor hinge with standard accessories



Floor hinge without standard accessories

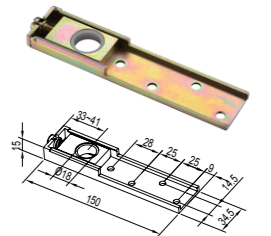


- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

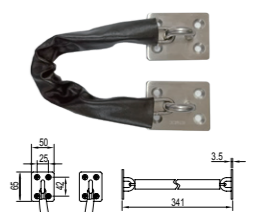
No.	Products	Page
1	Patch fitting	P131-P136
2	Long patch fitting	P149-P150

selective accessories

BDP40102 Bottom pivot seat (The adjustable)

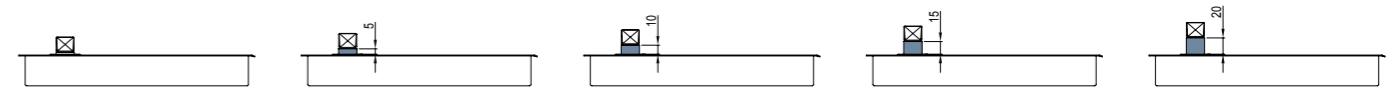


BDP10001 Safety chain

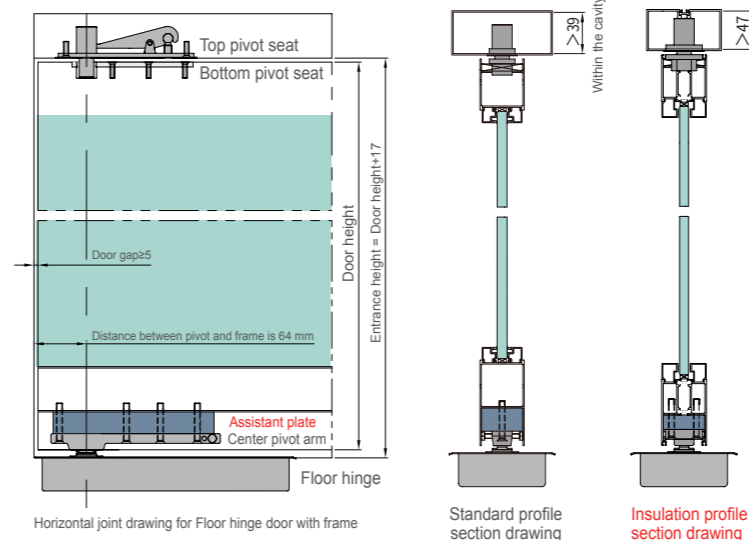


Installation location: Installed at the top of the door sash and door frame
Applicable door weight: 65~400kg

Spindle can be heightened(Please remark before ordering if required)



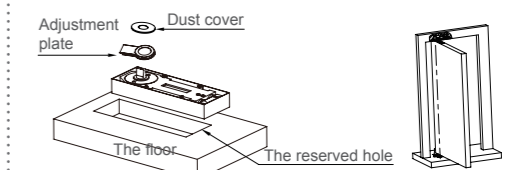
Installation Diagram



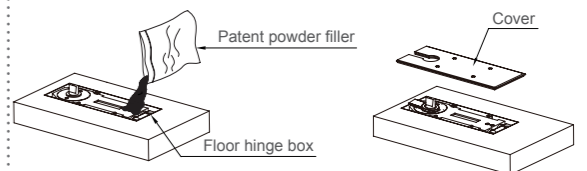
Note : 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door



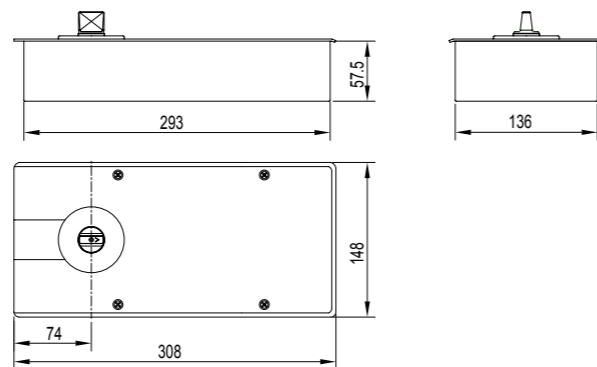
- Pour the powder inside the box
- Fix the cover





BDH50011/BDH50001 Floor Hinge

Product Drawing



Functional Characteristic

- Passed the test of industrial standard QB/T 2697
- Passed the test of SGS & DGM
- Passed the test of EN1154 standard of door closing detection
- Originate the special filler with anti-rust, water proof, keep warm, insect prevention
- It can be used on both left and right side door
- Bidirection opening and the single side opening should be achieved by auxiliary method
- Suit for wooden door, metal door, glass door, frame door

Technical Parameters

- Location type: 90°/Non-hold
- Door width: 1200~1400mm
- Maximum Loading: 250kg
- Life cycle: >500,000 Cycles
- Main Material: Main body-Gray cast-iron; Cover plate—SS304
- Speed control: Two speed section
- Suitable Temperature: -15°C~40°C
- Surface of the cover plate: 400#Hairline
- Max open degree: 120°
- Structure of main body: Double-cylinder
- Cover plate thickness: 2.0mm
- Spindle: 14° or 6°

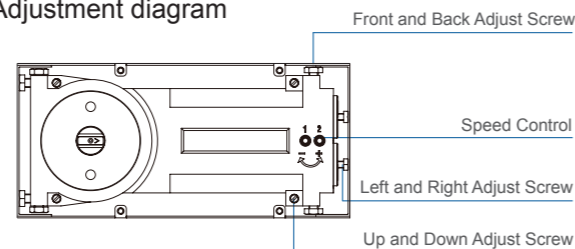
Application Performance

- Speed-section 1 closed
- Speed-section 2 closed
- The buffer

① 0° is closing, 90° is location
 ② Two-section adjustment of closing
 90°~15° is closing stage;
 15°~0° is locking stage

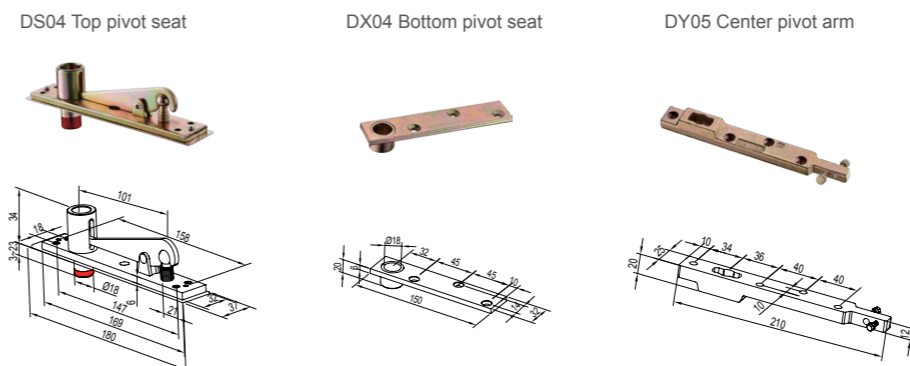
Graphics BDH50011, BDH50001 has not 90° hold function
 To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



Direction diagram	Name	Adjustment
	Up and down	5mm
	Left and right	5mm
	Front and back	5mm

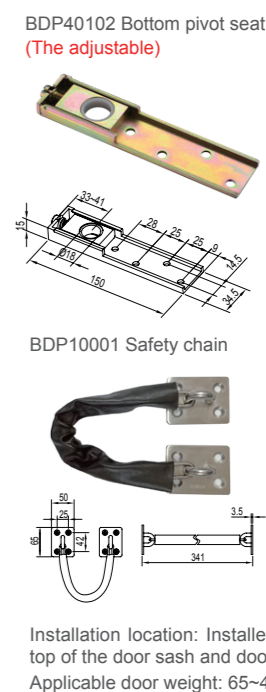
Accessory products



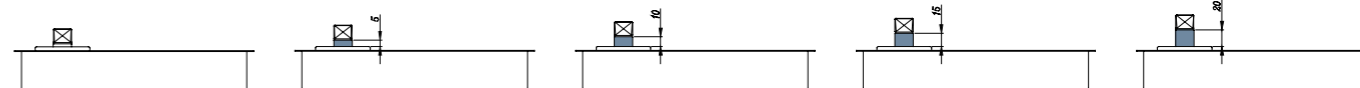
- ◆ When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆ When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

No.	Products	Page
1	Patch fitting	P137-P138
2	Long patch fitting	P149-P150

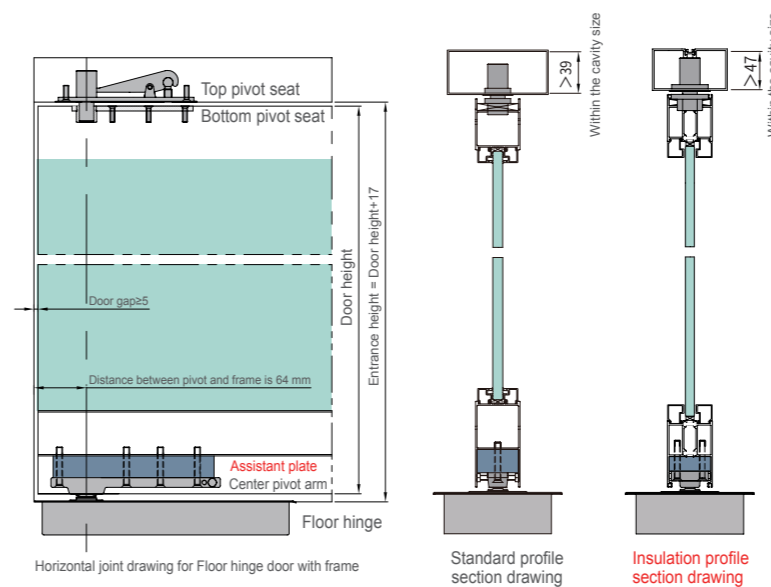
selective accessories



Spindle can be heightened(Please remark before ordering if required)

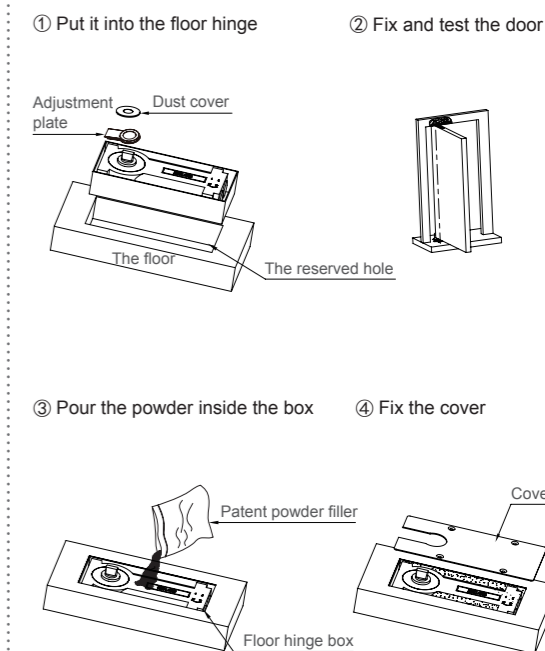


Installation Diagram



Note : 1. Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile
 2. Insulation profile accessories need to be purchased separately, technical parameters as Page 49.

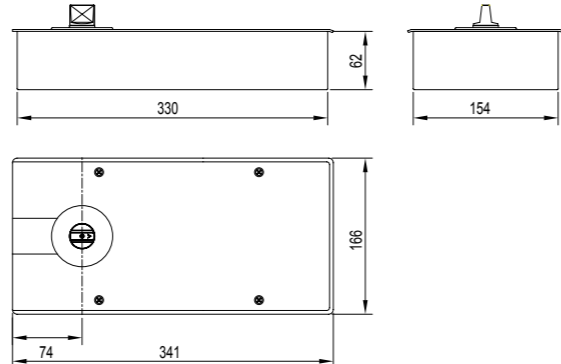
Filler Application Instruction





BDH50012 Floor Hinge

Product Drawing

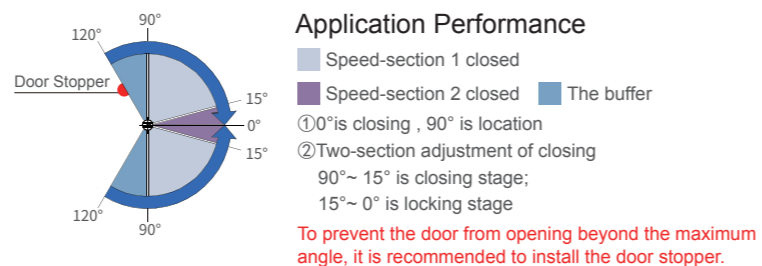


Functional Characteristic

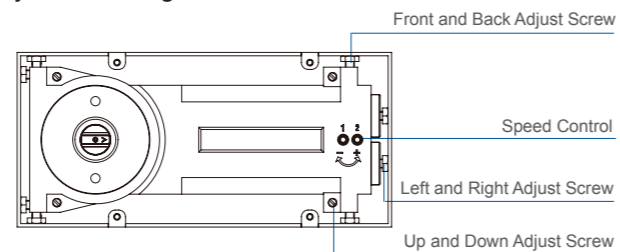
Passed the test of industrial standard QB/T 2697
 Passed the test of SGS & DGM
 Passed the test of EN1154 standard of door closing detection
 Originate the special filler with anti-rust, water proof, keep warm, insect prevention
 It can be used on both left and right side door
 Bidirection opening and the single side opening should be achieved by auxiliary method
 Suit for wooden door, metal door, glass door, frame door

Technical Parameters

Location type: 90°
 Door width: 1200~1500mm;
 Maximum Door high: 3200mm
 Maximum Loading: 300kg
 Life cycle: >500,000 Cycles
 Main Material: Main body-Gray cast-iron;
 Cover plate—SS304
 Speed control: Two speed section
 Suitable Temperature: -15°C~40°C
 Surface of the cover plate: 400#Hairline
 Max open degree: 120°
 Structure of main body: Double-cylinder
 Cover plate thickness: 2.0mm
 Spindle: 14°



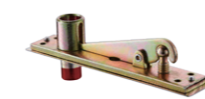
Adjustment diagram



Direction diagram	Name	Adjustment
Up and down	Up and down	5mm
Left and right	Left and right	5mm
Front and back	Front and back	7mm

Accessory products

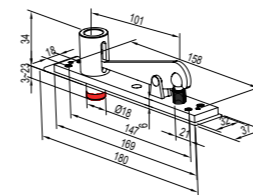
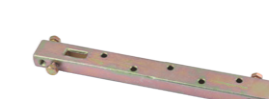
DS04 Top pivot seat



DX04 Bottom pivot seat



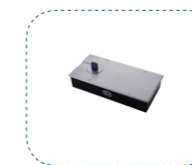
BDP60103 Center pivot arm



Floor hinge with standard accessories



Floor hinge without standard accessories

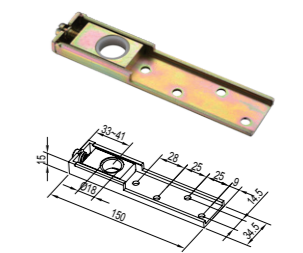


- ◆When it is used for the wooden door, metal door, frame door, please select the standard accessories
- ◆When it is used for the frameless glass door, please select floor hinge without accessories and the pivot hinge hardware (As below)

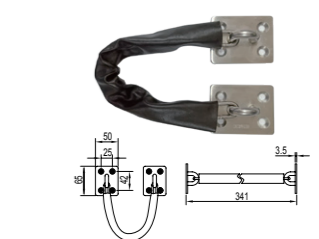
No.	Products	Page
1	Patch fitting	P137-P138

selective accessories

BDP40102 Bottom pivot seat (The adjustable)

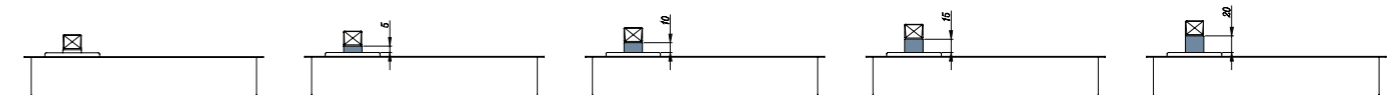


BDP10001 Safety chain

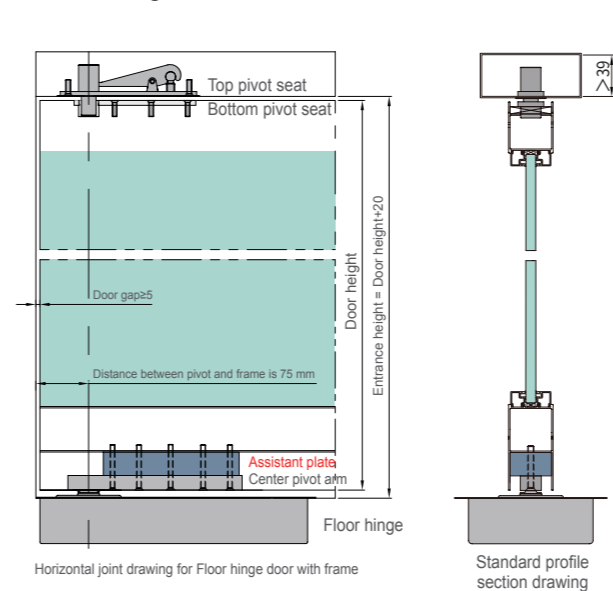


Installation location: Installed at the top of the door sash and door frame
 Applicable door weight: 65~400kg

Spindle can be heightened(Please remark before ordering if required)



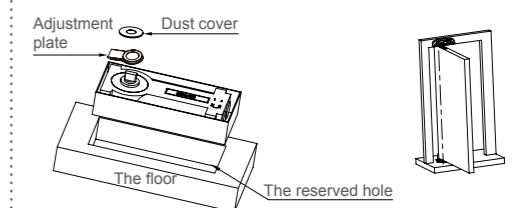
Installation Diagram



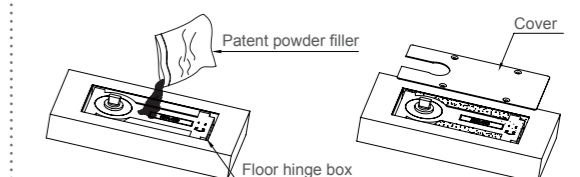
Note: Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door



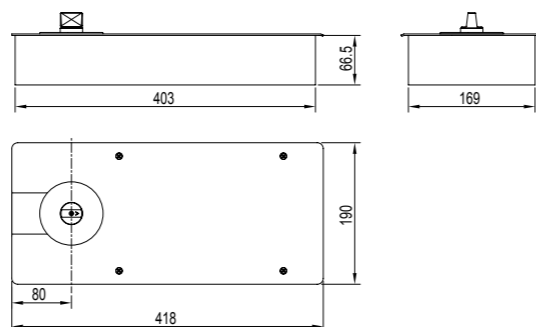
- Pour the powder inside the box
- Fix the cover





BDH50013 Floor Hinge

Product Drawing

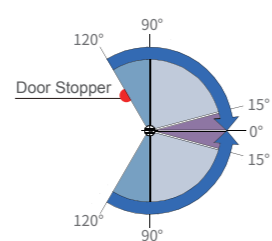


Functional Characteristic

Passed the test of industrial standard QB/T 2697
 Passed the test of SGS & DGM
 Passed the test of EN1154 standard of door closing detection
 Originate the special filler with anti-rust, water proof, keep warm, insect prevention
 It can be used on both left and right side door
 Bidirection opening and the single side opening should be achieved by auxiliary method
 Suit for wooden door, metal door, glass door, frame door

Technical Parameters

Location type: 90°
 Door width: 1200~1500mm;
 Maximum Door high: 3800mm
 Maximum Loading: 350kg
 Life cycle: >500,000 Cycles
 Main Material: Main body-Gray cast-iron;
 Cover plate—SS304
 Speed control: Two speed section
 Suitable Temperature: -15°C~40°C
 Surface of the cover plate: 400#Hairline
 Max open degree: 120°
 Structure of main body: Double-cylinder
 Cover plate thickness: 2.0mm
 Spindle: 14°

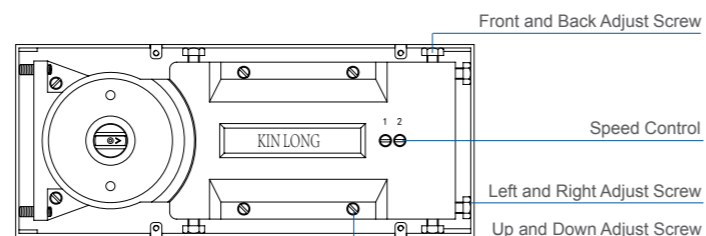


Application Performance

Speed-section 1 closed
 Speed-section 2 closed
 The buffer
 ① 0° is closing, 90° is location
 ② Two-section adjustment of closing
 90°~15° is closing stage;
 15°~0° is locking stage

To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



Direction diagram	Name	Adjustment
Up and down	Up and down	5mm
Left and right	Left and right	7mm
Front and back	Front and back	5mm

Accessory products

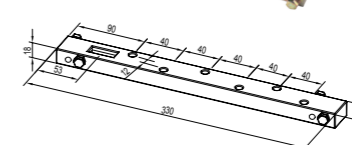
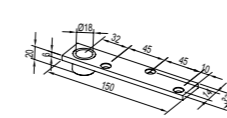
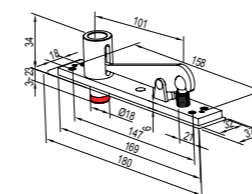
DS04 Top pivot seat



DX04 Bottom pivot seat



BDP60103 Center pivot arm

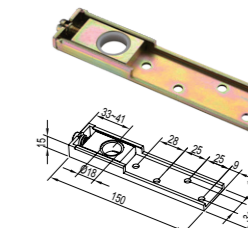


Floor hinge with standard accessories

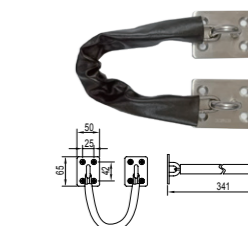


selective accessories

BDP40102 Bottom pivot seat (The adjustable)

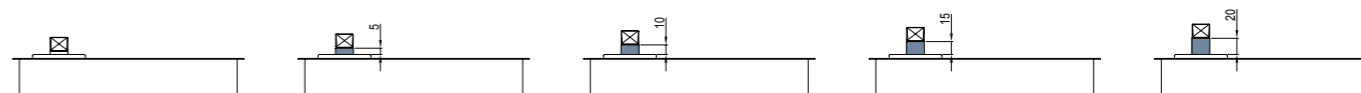


BDP10001 Safety chain

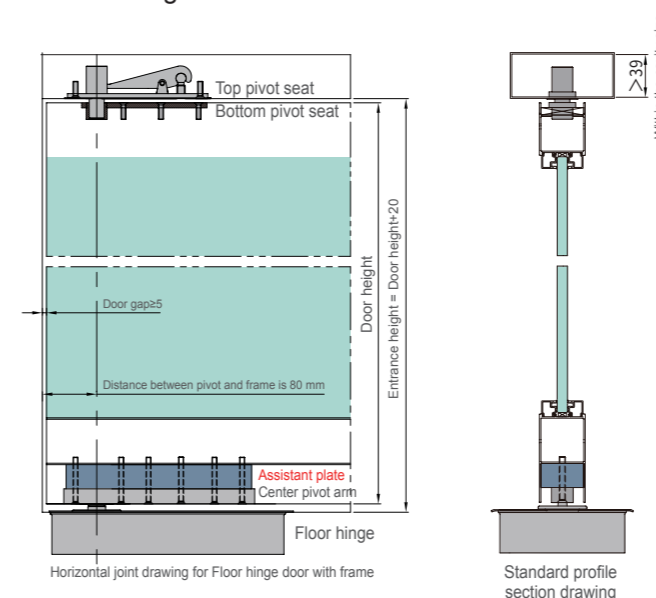


Installation location: Installed at the top of the door sash and door frame
 Applicable door weight: 65~400kg

Spindle can be heightened(Please remark before ordering if required)



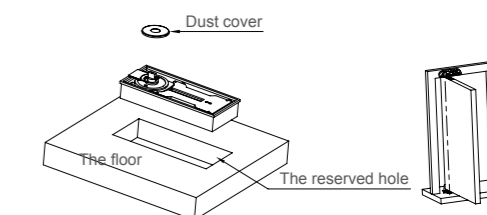
Installation Diagram



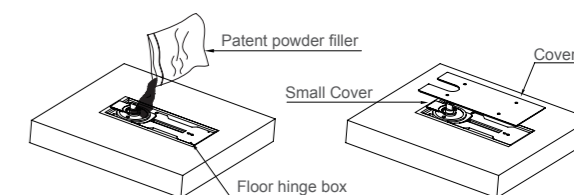
Note: Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door



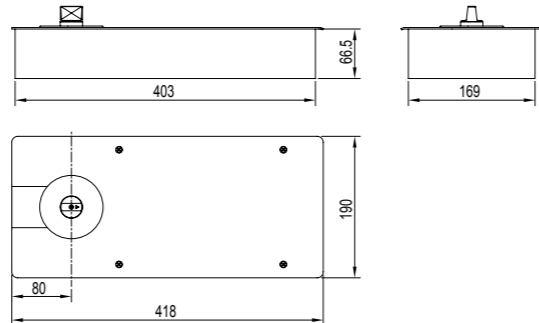
- Pour the powder inside the box
- Fix the cover





BDH50014 Floor Hinge

Product Drawing

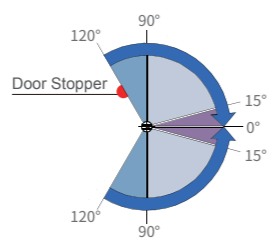


Functional Characteristic

Passed the test of industrial standard QB/T 2697
 Passed the test of SGS & DGM
 Passed the test of EN1154 standard of door closing detection
 Originate the special filler with anti-rust, water proof, keep warm, insect prevention
 It can be used on both left and right side door
 Bidirection opening and the single side opening should be achieved by auxiliary method
 Suit for wooden door, metal door, glass door, frame door

Technical Parameters

Location type: 90°
 Door width: 1200~1500mm;
 Maximum Door high: 4200mm
 Maximum Loading: 400kg
 Life cycle: >500,000 Cycles
 Main Material: Main body-Gray cast-iron;
 Cover plate—SS304
 Speed control: Two speed section
 Suitable Temperature: -15°C~40°C
 Surface of the cover plate: 400#Hairline
 Max open degree: 120°
 Structure of main body: Double-cylinder
 Cover plate thickness: 2.0mm
 Spindle: 14°

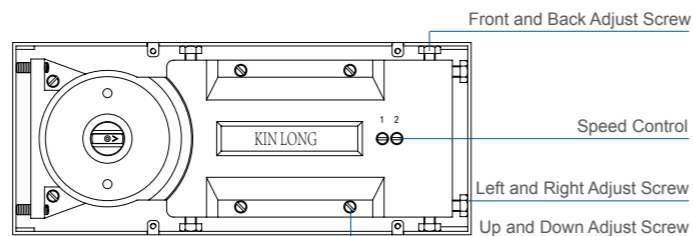


Application Performance

Speed-section 1 closed
 Speed-section 2 closed
 The buffer
 ① 0° is closing, 90° is location
 ② Two-section adjustment of closing
 90°~15° is closing stage;
 15°~0° is locking stage

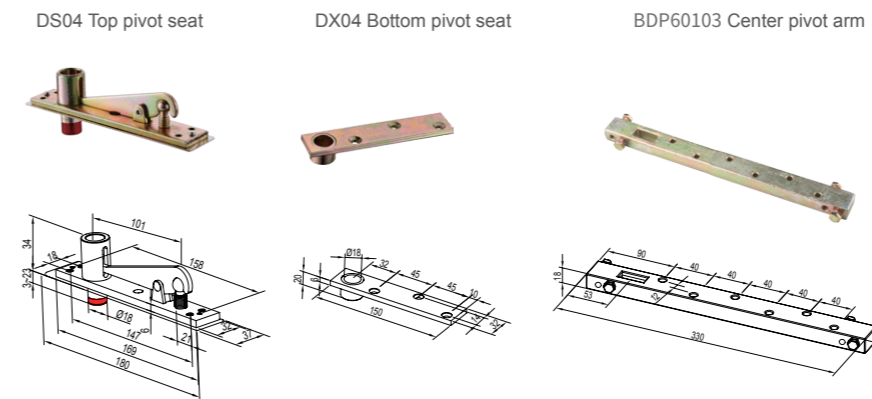
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Adjustment diagram



Direction diagram	Name	Adjustment
Up and down	Up and down	5mm
	Left and right	7mm
Front and back	Front and back	5mm

Accessory products

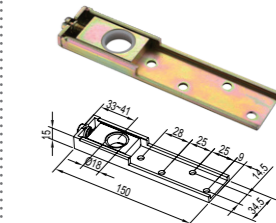


Floor hinge with standard accessories

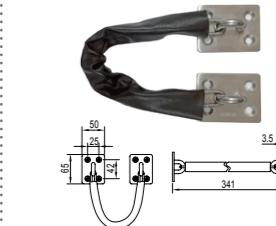


selective accessories

BDP40102 Bottom pivot seat (The adjustable)

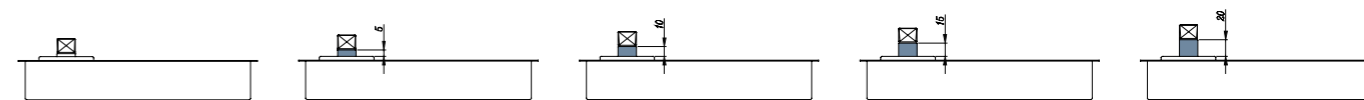


BDP10001 Safety chain

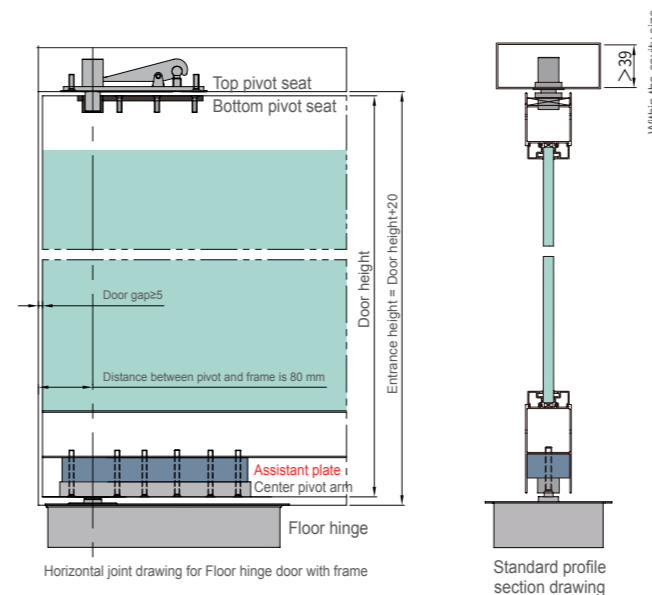


Installation location: Installed at the top of the door sash and door frame
 Applicable door weight: 65~400kg

Spindle can be heightened(Please remark before ordering if required)



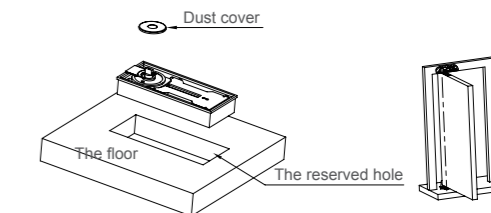
Installation Diagram



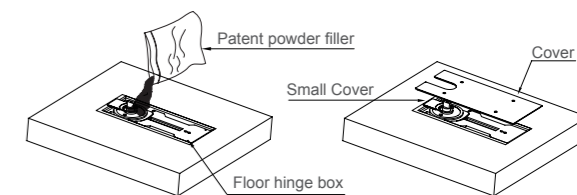
Note: Standard products has no assistant plate, thickness of assistant plate is based on the size of space inside profile

Filler Application Instruction

- Put it into the floor hinge
- Fix and test the door



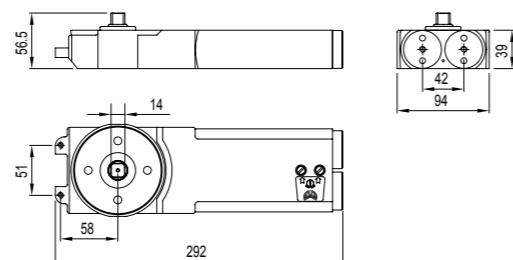
- Pour the powder inside the box
- Fix the cover





BDH60015/BDH60016 Sky Hinge New

Product Drawing

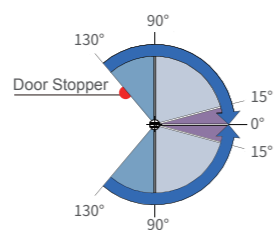


Functional Characteristic

Passed the test of industrial standard QB/T 2697
 Passed the test of EN1154 standard of door closing detection
 Bidirection opening and the single side open should be achieved by auxiliary method
 Suit for wooden door, metal door, glass door, frame door (only for top installation)

Technical Parameters

Location type: 90°	Speed control: Two speed section
Door width: 800~1000mm/800~1200mm	Suitable Temperature: -15°C~40°C
Maximum Loading: 85kg/100kg	Max open degree: 130°
Life cycle: >500,000 Cycles	Structure of main body: Double-cylinder
Main Material: Main body-Grey cast-iron;	Spindle: Square Shaft



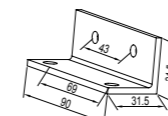
Application Performance

- Speed-section 1 closed
 - Speed-section 2 closed
 - The buffer
- ① 0° is closing, 90° is location
 ② Two-section adjustment of closing
 90°~15° is closing stage;
 15°~0° is locking stage

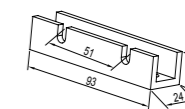
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Accessory products

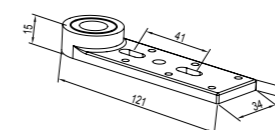
BDH60016-09 Rear mount support



BDH60016-12 Front mount support



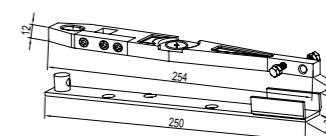
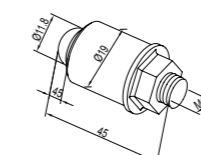
BDH60016-16 Undercarriage



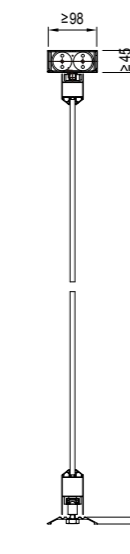
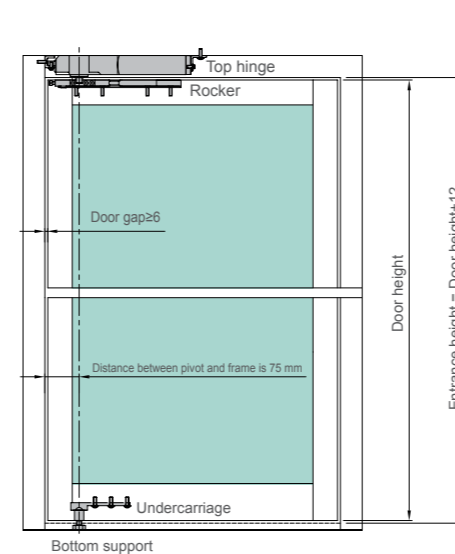
BDH60016-08 Rocker



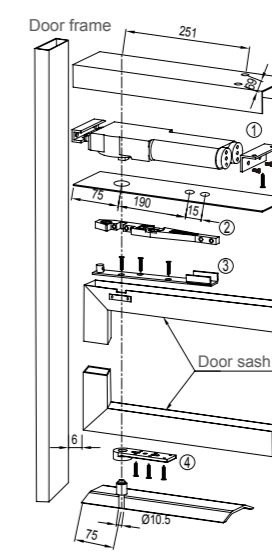
BDH60016-06 Bottom support



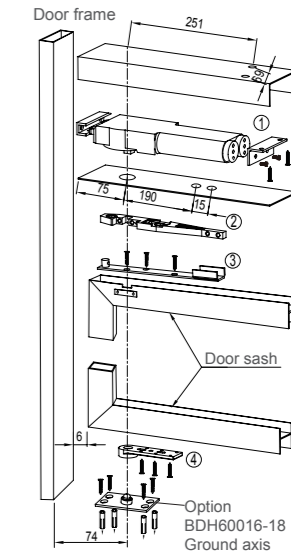
Installation Diagram



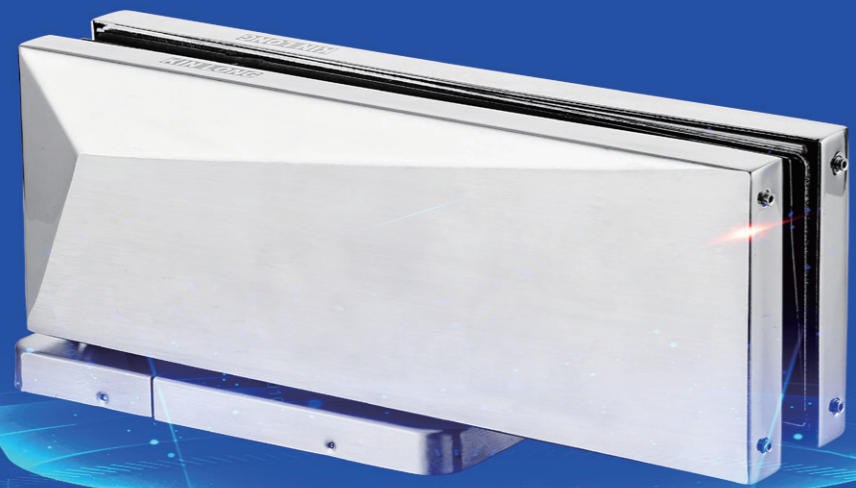
Installation instructions for standard accessories



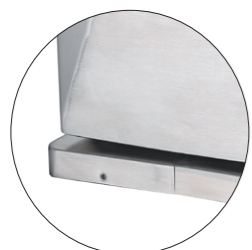
Installation instructions for optional accessories



Concealed Floor Hinge



Part Details



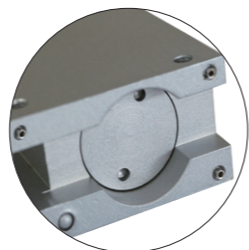
Rhombus edge design



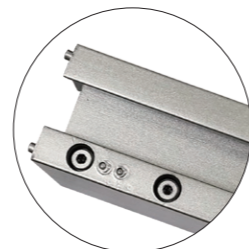
High quality shaft



Base support



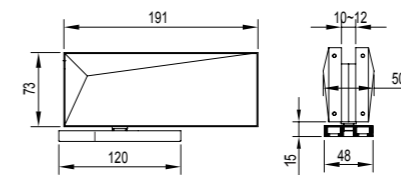
Aluminium alloy machine core



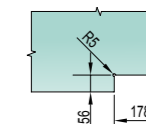
Two speed section

BDH70014 / BDH70015 Concealed Floor Hinge

Product Drawing



Cut-out Drawing



Functional Characteristic

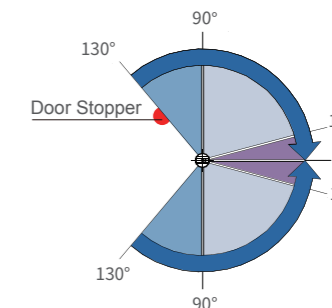
Passed the test of industrial standard QB/T 2697
 Passed the test of EN1154 standard of door closing detection
 Install on ground, convenient for construction.
 Has delicate appearance design, and combine the traditional floor hinge with the bottom patch.
 No need to dig hole, shortening construction period, and do not destroy the floor structure.
 The base is adjustable: front and back ± 3 mm, left and right ± 3 mm, angle $\pm 4^\circ$
 Two-way opening door leaf, one-way opening must be realized by auxiliary method.
 It's suitable for the frameless glass door.

Technical Parameters

Location type	90°~130°hold-open
Door width	650~800mm/750~900mm
Maximum Bearing	85Kg/100Kg
Service life	>300,000 cycles

Main Body Material	Aluminum alloy
Speed control	Two speed section
Suitable Temperature	-15°C~40°C
Max open degree	130°

Spindle	3°
Structure of main body	Mirror + Satin
Steel cover material/ thickness	S.S 304/1.0mm
glass thickness	10~12mm

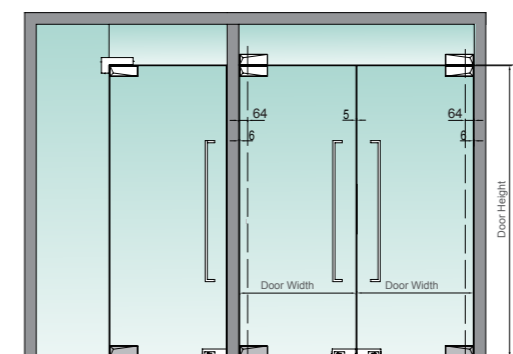


Application Performance

- Speed-section 1 closed
- Speed-section 2 closed
- Buffer zone

①0° is closing, 90°~130° is location;
 ②Two-section adjustment of closing:
 90°~15° is closing stage;
 15°~0° is locking stage.

Installation Diagram



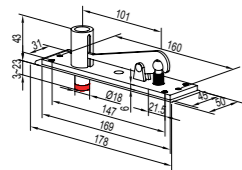
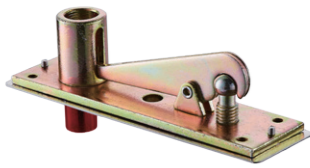
The laying-off of glass door leaf height = Doorway height - 20 (up and down)

◆ Concealed floor hinge can be used with door control hardware. (See the form below)

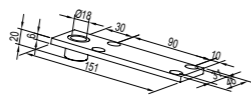
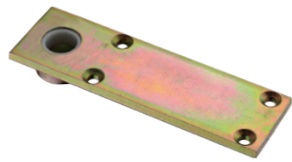
No.	Name	Page
1	Upper patch KMJ44320	P115
2	Top patch KMJ44330	P115
3	Top pivot seat DS03/ DS05	P10/P4
4	Top Pivot KHY53520 KHY53511	P168

Accessories for insulation profile

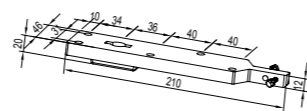
■ DS07 Top pivot seat



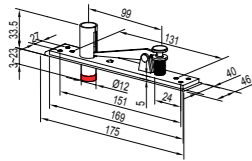
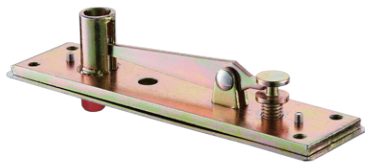
■ DX07 Bottom pivot seat



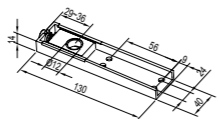
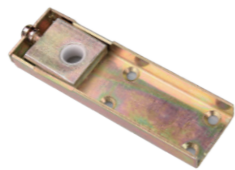
■ DY07 Center pivot arm



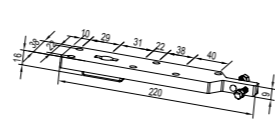
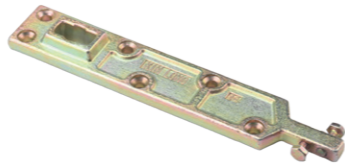
■ BDP70201 Top pivot seat



■ BDP70202 Bottom pivot seat

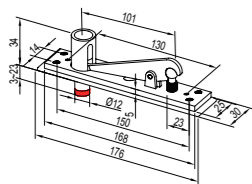
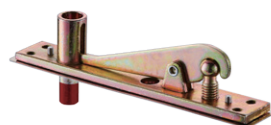


■ BDP70203 Center pivot arm

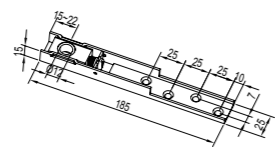
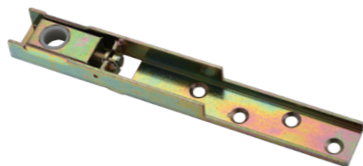


Accessories for circular tube profile

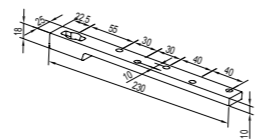
■ DS03 Top pivot seat



■ DX09 Bottom pivot seat



■ DY09 Center pivot arm



Configuration comparison table of standard floor hinge accessories

No.	Floor hinge code	Standard profile			Insulation profile		
		Top pivot seat code	Bottom pivot seat code	Center pivot arm code	Top pivot seat code	Bottom pivot seat code	Center pivot arm code
1	HD101/HDF101	DS05	DX05	DY05	DS07/BDP70201	DX07/BDP70202	DY07/BDP70203
2	HD102						
3	HD103/BDH10003						
4	HD201						
5	BDH20114						
6	HD203/HDF203						
7	HD204						
8	BDH20314/BDH20304						
9	BDH20315/BDH20305						
10	HD205/HDF205						
11	HD304						
12	HD305						
13	HD403						
14	HD405						
15	HD406/HDF406						
16	BDH40017	DS04	DX04	BDP60103			
17	HD407/BDH40008				/	/	/
18	BDH50011/BDH50001				/	/	/
19	BDH50012				/	/	/
20	BDH50013			BDP60003			
21	BDH50014						

Matters need attention:

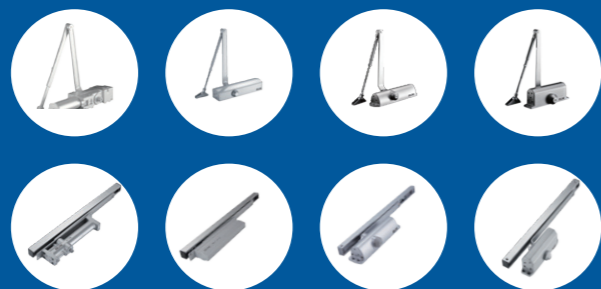
- The selection is mainly based on the width, weight of the door and the actual situation of the project; Improper selection will affect the using effectiveness and product life.
- Glass door weight (kg) = glass area (m²) x glass thickness (mm) x 2.56 (density)
- Profile door weight (kg) = glass area (m²) x glass thickness (mm) x 2.56 (density) x 1.2 (safety coefficient)
- Whole door weight (kg) = glass door weight / profile door weight + all parts weight

Glass door weight list					
Common glass thickness	8mm	10mm	12mm	15mm	19mm
Weight per (m ²)	20.5Kg	25.6Kg	30.7Kg	38.4Kg	48.6Kg

Door Closer List

02

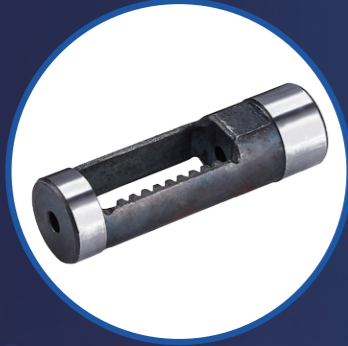
Door Closer



Product Categories	Diagram	Code No	Location type	Door width	Maximum Loading	Service life	Speed control	page
American Standard Certification		BBM60006 (New)	Non-hold	650~1500mm	15~150Kg	≥2000,000 Cycles	Two speed section	P57
		BBM60106 (New)	Non-hold	650~1500mm	15~150Kg	≥2000,000 Cycles	Two speed section	P58
		BBM60206 (New)	Non-hold	650~1500mm	15~150Kg	≥2000,000 Cycles	Two speed section	P59
Fire-proof certification		GA93-2CI(B401)	Non-hold	650~900mm	45Kg	>300,000 Cycles	Two speed section	P61
		GA93-3CI(B103)	Non-hold	850~1100mm	65Kg	>300,000 Cycles	Two speed section	P62
		GA93-4CI(B104)	Non-hold	1000~1250mm	85Kg	>300,000 Cycles	Two speed section	P63
		GA93-2PII(YB306)	Non-hold	1000~1250mm	85Kg	>200,000 Cycles	Two speed section	P64
		GA93-5CI(BBM80105) (New)	Non-hold	1100~1300mm	100Kg	>300,000 Cycles	Two speed section	P65
		GA93-5CI(B415) (New)	Non-hold	1150~1400mm	120Kg	>300,000 Cycles	Two speed section	P66
European standard, Construction standard		B401	Non-hold	650~900mm	45Kg	>300,000 Cycles	Two speed section	P69
		BBM10012	90°hold	650~900mm	45Kg	>500,000 Cycles	Two speed section	P70
		B103	Non-hold	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P71
		BBM10013	90°hold	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P72
		B701	Non-hold	650~900mm	45Kg	>500,000 Cycles	Two speed section	P73
		B703	Non-hold	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P73
		BZ701	Hold can be anywhere and withdrawn	650~900mm	45Kg	>500,000 Cycles	Two speed section	P74
		BZ703	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P74
		BBM70102 (New)	Non-hold	650~900mm	45Kg	>300,000 Cycles	Two speed section	P75
		BBM70103 (New)	Non-hold	850~1100mm	65Kg	>300,000 Cycles	Two speed section	P75
		BBM70112 (New)	Hold can be anywhere and withdrawn	650~900mm	45Kg	>300,000 Cycles	Two speed section	P76
		BBM70113 (New)	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>300,000 Cycles	Two speed section	P76
		B802	Non-hold	650~900mm	45Kg	>500,000 Cycles	Two speed section	P77
		BZ802	Hold can be anywhere and withdrawn	650~900mm	45Kg	>500,000 Cycles	Two speed section	P78
		BBM80102 (New)	Non-hold	650~900mm	45Kg	>300,000 Cycles	Two speed section	P79
		BBM80212 (New)	Hold can be anywhere and withdrawn	650~900mm	45Kg	>300,000 Cycles	Two speed section	P80
		B803	Non-hold	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P81
		B804	Non-hold	1000~1250mm	85Kg	>500,000 Cycles	Two speed section	P81
		BZ803	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P82
		BZ804	Hold can be anywhere and withdrawn	1000~1250mm	85Kg	>500,000 Cycles	Two speed section	P82
		BBM80103 (New)	Non-hold	850~1100mm	65Kg	>300,000 Cycles	Two speed section	P83
		BBM80104 (New)	Non-hold	1000~1250mm	85Kg	>300,000 Cycles	Two speed section	P83
		BBM80113 (New)	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>300,000 Cycles	Two speed section	P84
		BBM80114 (New)	Hold can be anywhere and withdrawn	1000~1250mm	85Kg	>300,000 Cycles	Two speed section	P84
		BBM90002	Non-hold	650~900mm	45Kg	>500,000 Cycles	Two speed section	P85
		BBM90003	Non-hold	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P85
		BBM90012	Hold can be anywhere and withdrawn	650~900mm	45Kg	>500,000 Cycles	Two speed section	P86
		BBM90013	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P86
		BBM90103 (New)	Non-hold, with the function of buffer	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P87
		BBM90104 (New)	Non-hold, with the function of buffer	1000~1250mm	85Kg	>500,000 Cycles	Two speed section	P88
		BBM90004	Non-hold	1000~1250mm	85Kg	>500,000 Cycles	Two speed section	P89
		BBM90006	It has no hold-open, with the function of door closing, locking, delay, buffer, torque adjustment.	850~1600mm	85Kg~150Kg	>500,000 Cycles	Two speed section	P90
		B104	Non-hold	1000~1250mm	85Kg	>300,000 Cycles	Two speed section	P91
		BBM10014 (New)	90°hold	1000~1250mm	85Kg	>300,000 Cycles	Two speed section	P92
		BBM80105	Non-hold	1100~1300mm	100Kg	>500,000 Cycles	Two speed section	P93
		BBM10015 (New)	90°hold	1100~1300mm	100Kg	>300,000 Cycles	Two speed section	P94
		BBM10302	Non-hold	650~900mm	45Kg	>200,000 Cycles	Two speed section	P95
		B415	Non-hold	1150~1400mm	120Kg	>500,000 Cycles	Two speed section	P96
		YB301	Hold can be anywhere and withdrawn	650~900mm	45Kg	>500,000 Cycles	Two speed section	P97
		YB305	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P97
	YB306	Hold can be anywhere and withdrawn	1000~1250mm	85Kg	>500,000 Cycles	Two speed section	P97	
	BBM30112	Hold can be anywhere and withdrawn	650~900mm	45Kg	>300,000 Cycles	Two speed section	P98	
	BBM30113	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P99	
	BBM30115 (New)	Hold can be anywhere and withdrawn	1100~1300mm	100Kg	>300,000 Cycles	Two speed section	P100	

Door Closer series

The housing is a high-strength die-cast aluminum alloy ADC12. After rough boring, fine boring, Ultrasonic cleaning, impregnation and other more than 20 procedures to ensure the accuracy and finish of the cylinder



- The piston is made of 45 # steel
- Tooth surface after high-frequency quenching HRC38° -43° Increases tooth surface wear resistance
- After rough grinding and fine grinding, and two surface treatments, the surface roughness is Ra0.2μm, the cylindricity is 0.005mm, the manufacturing precision of the gap between the piston and the cylinder is controlled at 0.02-0.025mm, and the mechanical properties are excellent.

The spring is made of high-quality 60Si2Mn, with good toughness, high strength, low temperature resistance, high fatigue resistance, and provides a strong door closing force for the door closer.



2-stage door lock speed regulator

1-step closing speed regulator

quick slow

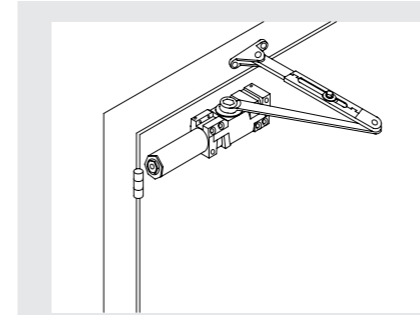


of needle bearings can greatly improve the mechanical efficiency, reduce the resistance to open the door, and improve the comfort of opening the door.

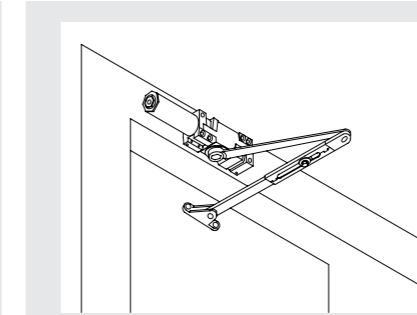
- Gear shaft is made of 20Cr round steel with good toughness
- Gear shaft heat treatment HRC 48° -52° hardness, low temperature resistance, high fatigue resistance
- After rough grinding and fine grinding, two surface treatments, surface roughness Ra 0.2μm, excellent mechanical properties.

Installation

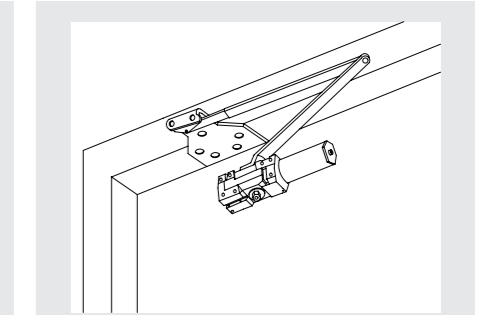
According to different uses and requirements, for each type of KIN LONG door closer, Client can choose different installation style such as standard installation, overhang installation and parallel installation. When choosing parallel installation, you need to choose parallel bracket accessories



Standard Installation Illustration



Overhang Installation Illustration



Parallel Mounting Illustration

Model selection: Select based on door weight and door width

Door closing level code	Recommended for maximum door leaf weight	Recommended maximum door width	Applicable door type
1	20	750	Wooden door
2	40	850	Wooden door, guest room door, office door, stainless steel security door
3	60	950	Wooden door, steel security door, conference room door
4	80	1100	Wooden door, steel security door, security door
5	100	1250	Heavy steel door, anti-theft door, anti-prying door
6	120	1400	Extra heavy steel door, anti-theft door, anti-prying door
7	160	1600	Extra heavy warehouse door, garage door, large customized door

Feature selection

Two-stage speed control range: 90°~15° is the closing phase, 15°~0° is the blocking phase

90° holding(D)/function: The door can be opened to the 90° position

Door closing speed and blocking speed can be adjusted independently

Door opening buffer(BC)/function:

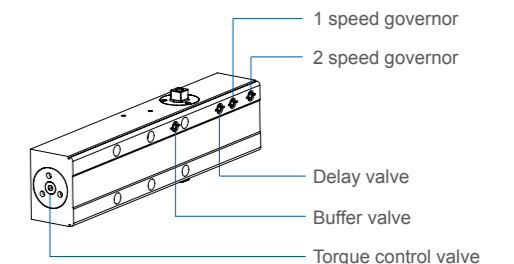
When the door opening angle is greater than 65°, there will be obvious resistance when opening the door

Delay(DA)/door closing function:

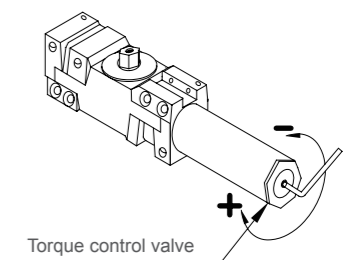
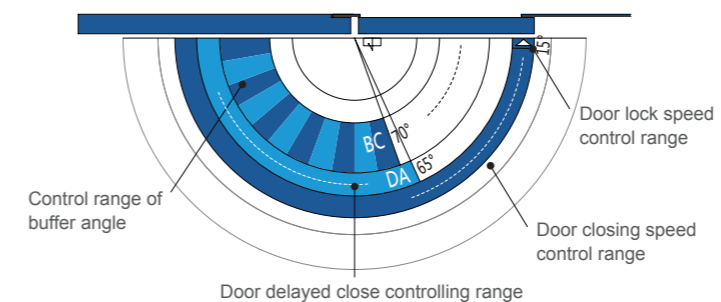
When the door opening angle is greater than 65°, the door leaf will delay its closing time to 65° position and resume normal speed

Door opening torque adjustment function:

By adjusting the number of turns of the torque regulating valve, the requirements of different door widths and weights can be realized.



Functional angle range



AMERICAN STANDARD DOOR CLOSERS

Door opening buffer、Torque adjustment



UL certification is mainly for testing and certification of product safety performance. It is the most authoritative certification in the United States. The product meets the American standard BHMA / ANAI A 156.4 first-class requirements 2 million times durability test, passed UL228, UL10C (3h fire resistance requirements) American standard door closers are widely used in places such as subways, rail transit, high-speed rail, airports, hotels and commercial complexes.

American Standard Series Hardware Configuration



American standard mortise lock configuration scheme

American standard mortise lock:

1. 8 different decorative pieces, 8 different functions;
2. Passed the American standard ANSI / BHMA A 156.13 first-class test, durability is more than 1 million times; passed UL10C 270 minutes fire test;
3. Passed the GB12955 standard 90 minutes fire test



Single door



Unequal double door



Double door

Number of application places	American Standard Mortise Lock	quantity	American standard door closer	quantity	American Standard Hinge	quantity	plug	quantity	Hidden sequencer	quantity
Single door		1 sets		1		3 slice	/	/		/
unequal double door		1 sets		1		6 slice	Concealed latch for steel door	2		/
Double door		2 sets (One set for fake lock)		2		6 slice	Automatic hidden latch	2		2

American standard escape push lock configuration scheme

American standard escape push lock:

1. Passed the American standard ANSI / BHMA A 156.3 first-class test, the durability is greater than 500,000 times; passed the UL10C 90minutes fire test;
2. passed the GB12955 standard 90 minutes fire test



Single door (flat push)



Unequal double door (Top-Bottom latch type)



Double door (flat push type +Top-Bottom latch type)

Number of application places	exterior decoration	quantity	American Standard Escape Push Rod	quantity	American standard door closers	quantity	American standard hinge	quantity	Concealed latch for steel door	quantity	Overload sequencer	quantity
Single door		1 sets	Flat push	one set of flat push		1		3 slice		/		/
unequal double door		1 sets	heaven and earth bar type	one set of heaven and earth pole		1		6 slice		2		/
Double door		2 sets		one set of flat push + one set of heaven and earth pole		2		6 slice		/		1

Remarks:

American standard door closers: The service life meets the requirements of the first-class products of the United States BHMA / ANAI A 156.4; the service life:> 2 million times.

The American standard hinge: 1. Pass the American standard ANSI A156.1 secondary standard test The cycling life can be 1.5 million times;

2. Pass the 90 minutes fire test of GB12955 standard. Concealed latch, sequencer: Pass the 90 minutes fire test of GB12955 standard



BBM60006 Door closer New

Functional Characteristic

Passed ANSI / BHMA A156.4 first-class requirements
 Passed UL228, UL10C (3h fire protection) certification
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.
Door opening buffering function: When the door opening angle is greater than 65°, there will be obvious resistance for opening the door
Door opening torque adjustment function: By adjusting the number of turns of the torque regulating valve, the requirements of different door widths and weights can be accorded.



Technical Parameters

Location type	Non-hold
Door width	650~1500mm
Maximum Loading	15~150kg
Service life	≥200,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray

Product Drawing

Scheme and description of torque adjustment

① Clockwise to increase torque
 ② Adjust counterclockwise to reduce torque

Door closer torque category 3 force, bearing weight: 65kg

category	circles
1	-6
2	-3
3	0
4	+5
5	+10
6	+15

Application Performance

Opening buffer adjustment instructions

① Clockwise adjustment to close the buffer valve to achieve buffering function of door opening
 ② Anti-clockwise adjustment to open the buffer valve to achieve the function of non-buffering function of door opening

Parallel bracket BBP20101 (optional)
 For parallel installation, purchase separately



BBM60106 Door closer New

Functional Characteristic

Passed ANSI / BHMA A156.4 first-class requirements
 Passed UL228, UL10C (3h fire protection) certification
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.
Door opening buffering function: When the door opening angle is greater than 65°, there will be obvious resistance for opening the door
Door opening torque adjustment function: By adjusting the number of turns of the torque regulating valve, the requirements of different door widths and weights can be accorded.



Technical Parameters

Location type	Non-hold
Door width	650~1500mm
Maximum Loading	15~150kg
Service life	≥200,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray

Product Drawing

Schematic and description of torque adjustment

① Clockwise to increase torque
 ② Adjust counterclockwise to reduce torque

Door closer torque category 3 force, bearing weight: 65kg

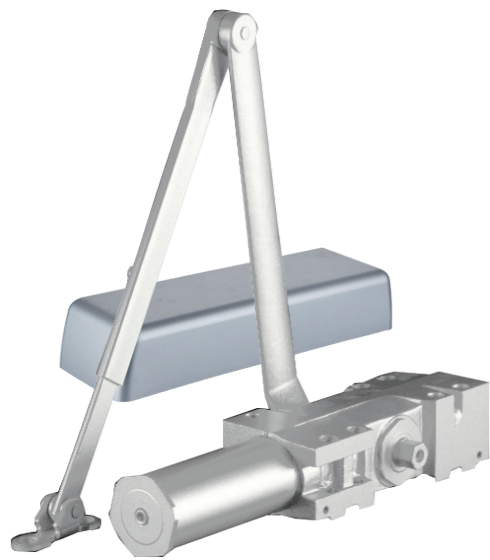
category	circles
1	-6
2	-3
3	0
4	+5
5	+10
6	+15

Application Performance

Scheme buffer adjustment instructions

① Clockwise adjustment to close the buffer valve to achieve buffering function of door opening
 ② Anti-clockwise adjustment to open the buffer valve to achieve the function of non-buffering function of door opening

Parallel bracket BBP20101 (optional)
 For parallel installation, purchase separately



BBM60206 Door closer New

Functional Characteristic

Passed ANSI / BHMA A156.4 first-class requirements
 Passed UL228, UL10C (3h fire protection) certification
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.
Door opening buffering function: When the door opening angle is greater than 65°, there will be obvious resistance for opening the door
Door opening torque adjustment function: By adjusting the number of turns of the torque regulating valve, the requirements of different door widths and weights can be accorded.



Technical Parameters

Location type	Non-hold
Door width	650~1500mm
Maximum Loading	15~150kg
Service life	≥200,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray

Product Drawing

Scheme and description of torque adjustment

① Clockwise to increase torque
 ② Adjust counterclockwise to reduce torque

Torque control valve

Door closer torque category 3 force, bearing weight: 65kg

Torque adjustment table	
category	circles
1	-6
2	-3
3	0
4	+5
5	+10
6	+15

Opening buffer adjustment instructions

① Clockwise adjustment to close the buffer valve to achieve buffering function of door opening
 ② Anti-clockwise adjustment to open the buffer valve to achieve the function of non-buffering function of door opening

Door opening buffer regulating valve

Speed-section 1 closed

Parallel bracket BBP20001 (optional)
 For parallel installation, purchase separately

FIRE DOOR CLOSERS



General requirements for fire doors

Anti-Fire doors should be equipped with anti-fire door closers, or door closers that allow the anti-fire doors to automatically close the door leaf in the event of a fire (except for the use of special parts, such as pipeline well doors, etc.)

Anti-fire door closers should be qualified by national certification and authorized testing agencies, and their performance should meet the requirements of GA 93.

The door closing device that automatically closes the door leaf should pass the inspection of the nationally recognized and authorized testing agency.



GA93-2CI(B401) Fire door closers

Functional Characteristic

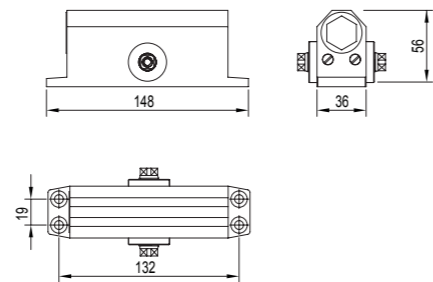
Passed public safety standard GA 93
 Gained the national fire protection product certification
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



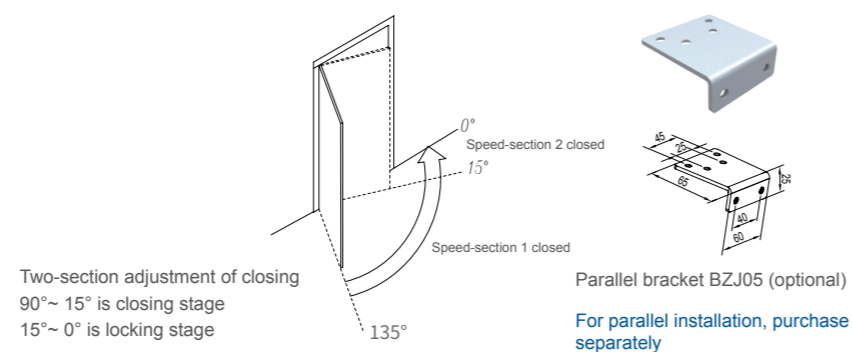
Technical Parameters

Location type	Non-hold
Door width	650~900mm
Maximum Loading	45kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)

Product Drawing



Application Performance



GA93-3CI(B103) Fire door closers

Functional Characteristic

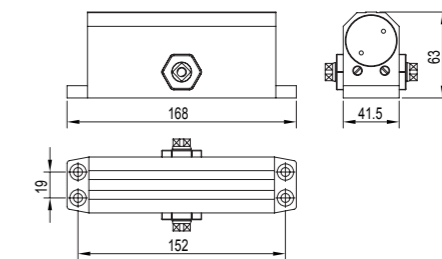
Passed public safety standard GA 93
 Gained the national fire protection product certification
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



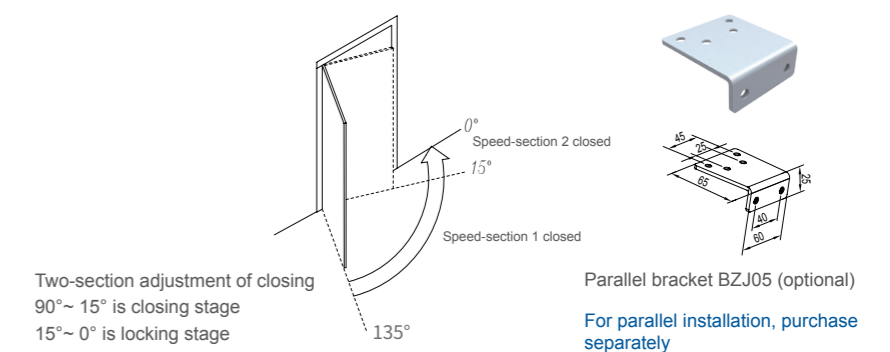
Technical Parameters

Location type	Non-hold
Door width	850~1100mm
Maximum Loading	65kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)

Product Drawing



Application Performance





GA93-4CI(B104) Fire door closers

Functional Characteristic

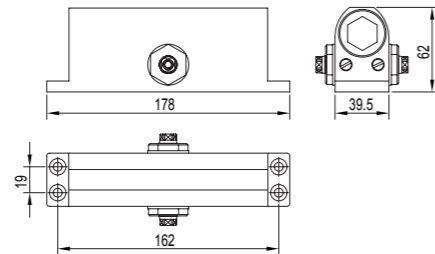
Passed public safety standard GA 93
 Gained the national fire protection product certification
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



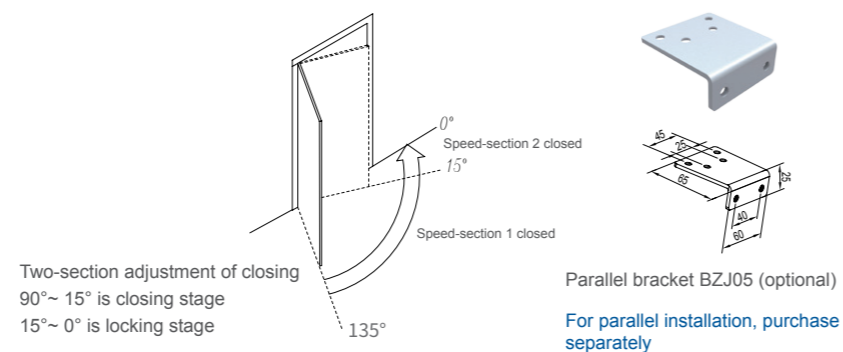
Technical Parameters

Location type	Non-hold
Door width	1000~1250mm
Maximum Loading	85kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)

Product Drawing



Application Performance



GA93-2PII(YB306) Fire door closers

Functional Characteristic

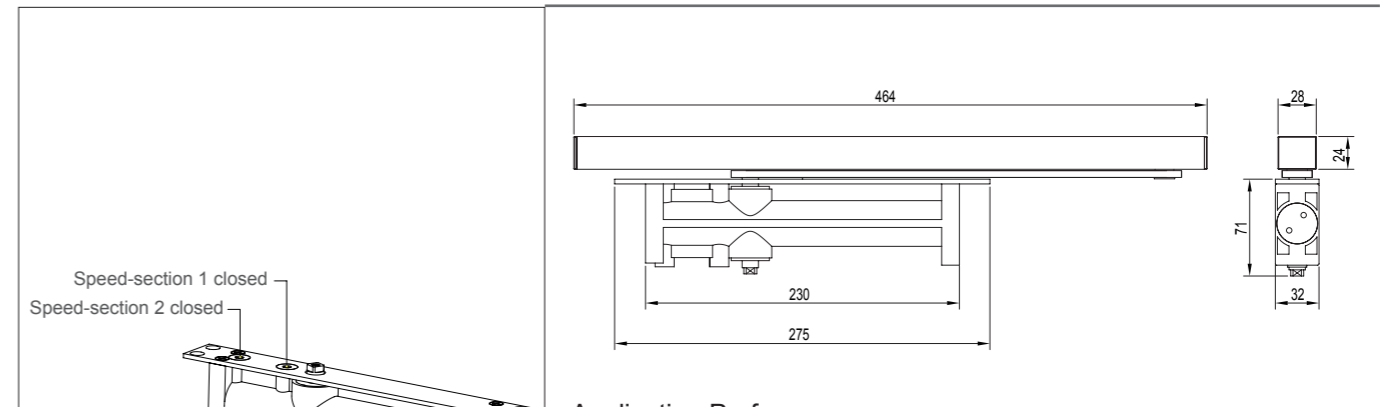
Passed public safety standard GA 93
 Gained the national fire protection product certification
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



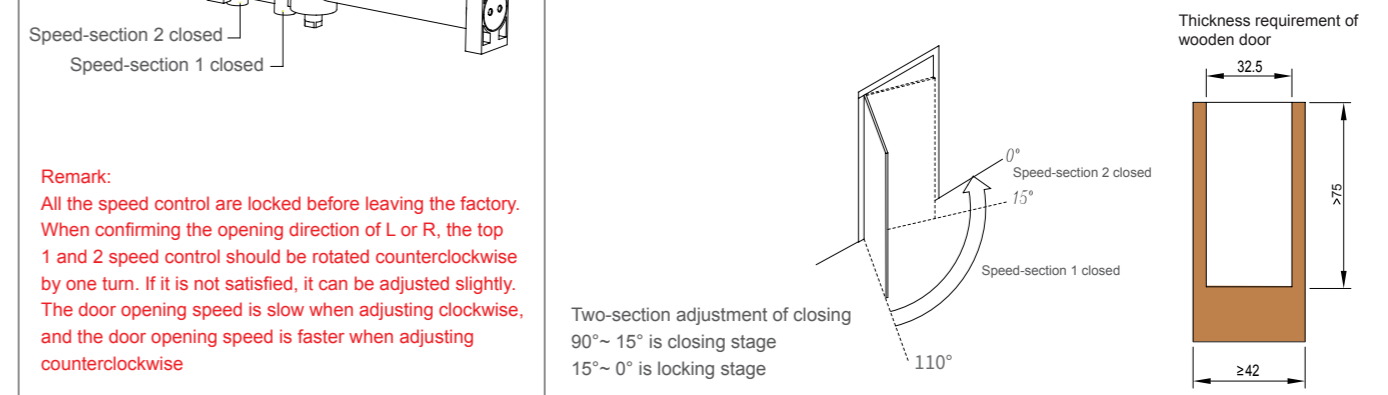
Technical Parameters

Location type	Non-hold
Door width	1000~1250mm
Maximum Loading	85kg
Service life	>200,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)

Product Drawing



Application Performance



Remark:
 All the speed control are locked before leaving the factory.
 When confirming the opening direction of L or R, the top 1 and 2 speed control should be rotated counterclockwise by one turn. If it is not satisfied, it can be adjusted slightly.
 The door opening speed is slow when adjusting clockwise, and the door opening speed is faster when adjusting counterclockwise



GA93-5CI(BBM80105) Fire door closers **New**

Functional Characteristic

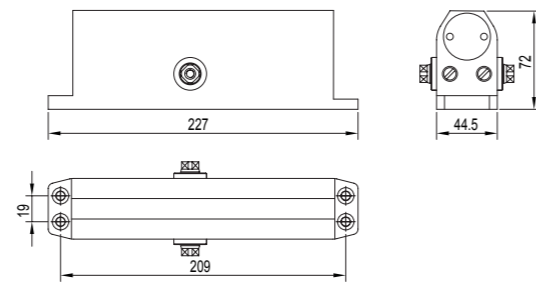
Passed public safety standard GA 93
 Gained the national fire protection product certification
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



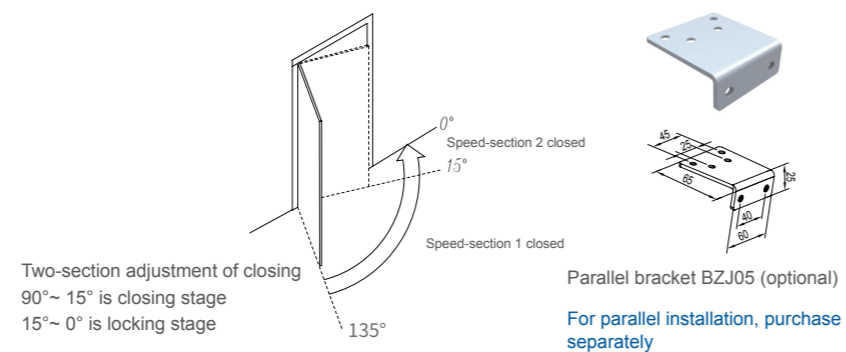
Technical Parameters

Location type	Non-hold
Door width	1100~1300mm
Maximum Loading	100kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)

Product Drawing



Application Performance



GA93-5CI(B415) Fire door closers **New**

Functional Characteristic

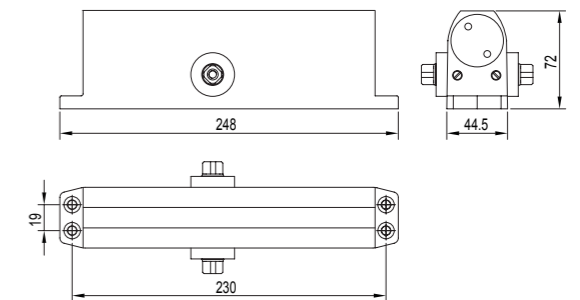
Passed public safety standard GA 93
 Gained the national fire protection product certification
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



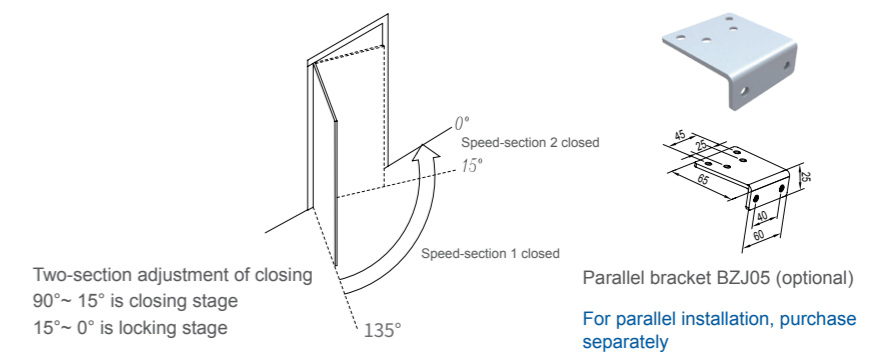
Technical Parameters

Location type	Non-hold
Door width	1150~1400mm
Maximum Loading	120kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)

Product Drawing



Application Performance



Door closer



Passed the test of industrial standard JG/T 268.
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door.
 Only for single-open, and suit for wooden door, metal door and frame door etc.

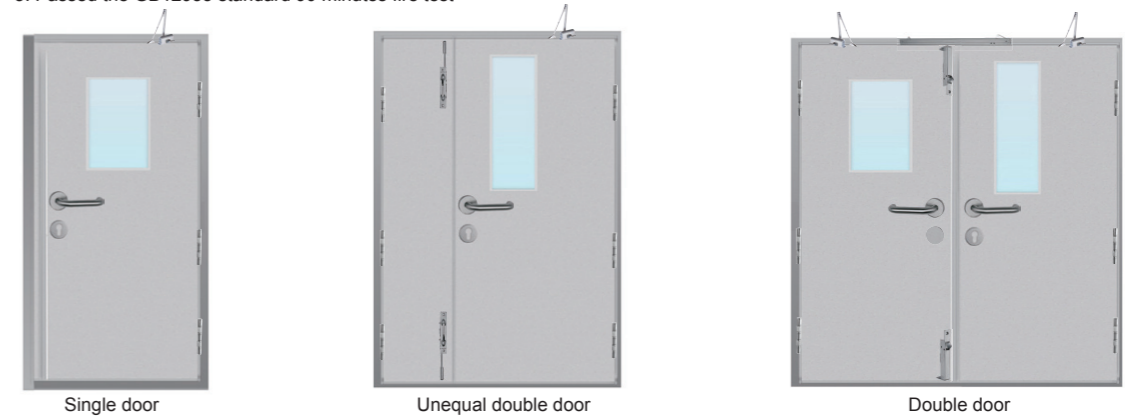
European standard series hardware configuration



European standard mortise lock configuration scheme

European standard ferrule:

1. 8 different decorative pieces, 8 different functions;
2. Passed EN12209-2003 test, 200,000 durability tests, and obtained CE certification. Passed the 260 minutes fire test of EN1634;
3. Passed the GB12955 standard 90 minutes fire test

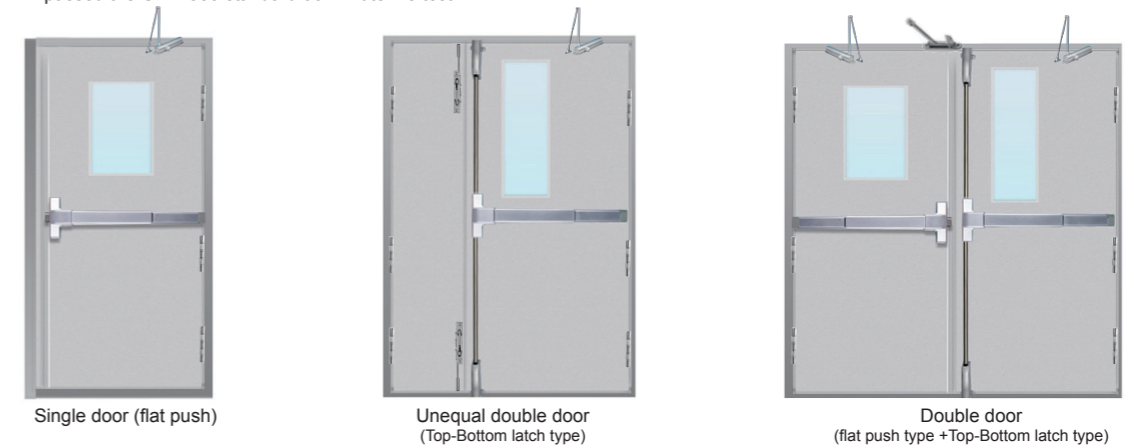


Number of application places	European standard ferrule	quantity	European standard door closers	quantity	European standard hinge	quantity	plug	quantity	Hidden sequencer	quantity
Single door		1 sets		1		3 slice	/	/		/
unequal double door		1 sets		1		6 slice	Concealed latch for steel door	2		/
Double door		2 sets (One set for fake lock)		2		6 slice	Automatic hidden latch	2		2

American standard scheme of panic door lock

American standard escape push lock:

1. Passed the American standard ANSI / BHMA A 156.3 first-class test, the durability is greater than 500,000 times; passed the UL10C 90 minutes fire test;
2. passed the GB12955 standard 90-minute fire test



Number of application places	exterior decoration	quantity	European standard escape putter lock	quantity	European standard door closers	quantity	European standard hinge	quantity	Concealed latch for steel door	quantity	Overload sequencer	quantity
Single door		1 sets	parallel push	one set of parallel push		1		3 slice		/		/
unequal double door		1 sets	Top-Bottom latch type	one set of top and bottom pole		1		6 slice		2		/
Double door		2 sets	parallel push	one set of parallel push + one set of top and bottom pole		2		6 slice		/		1

Remarks:
 European standard door closers: Pass the EN1154 door closing device test, pass the industry standard QB / T2698 test; Service life: more than 500,000 times.
 European standard hinge: 1. 7 specifications, passed the European standard EN1935 test, 200,000 durability tests, and obtained CE certification; two of them passed the 260-minute fire test of the EN1634 standard;
 2. Passed the GB12955 standard 90 minutes fire test;
 Concealed Latch, Sequencer: Passed 90 minutes fire test of GB12955 standard

B401 Door closer

Functional Characteristic

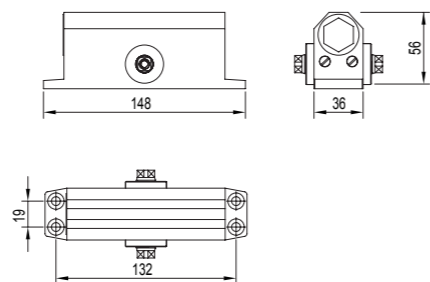
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



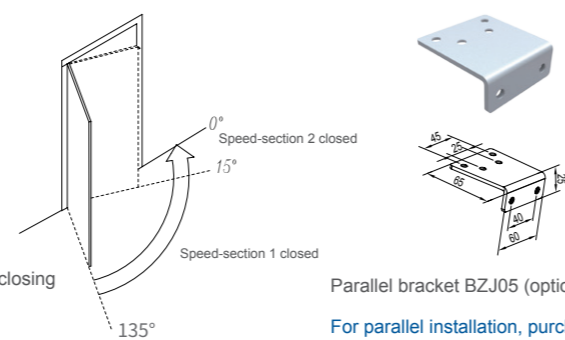
Technical Parameters

Location type	Non-hold
Door width	650~900mm
Maximum Loading	45kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



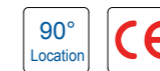
Two-section adjustment of closing
 90°~ 15° is closing stage
 15°~ 0° is locking stage

Parallel bracket BZJ05 (optional)
 For parallel installation, purchase separately

BBM10012 Door closer

Functional Characteristic

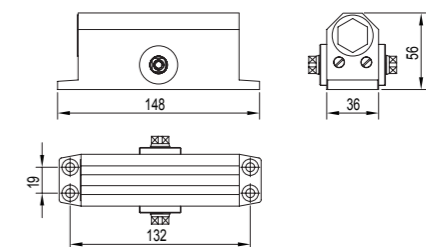
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.
This type of door closers cannot be used for fire doors.



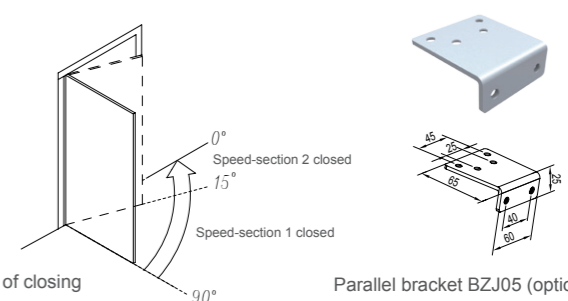
Technical Parameters

Location type	Non-hold
Door width	650~900mm
Maximum Loading	45kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



Two-section adjustment of closing
 90°~ 15° is closing stage
 15°~ 0° is locking stage

Parallel bracket BZJ05 (optional)
 For parallel installation, purchase separately



B103 Door closer

Functional Characteristic

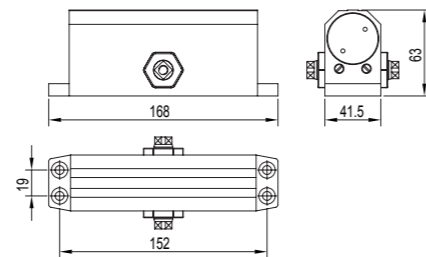
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



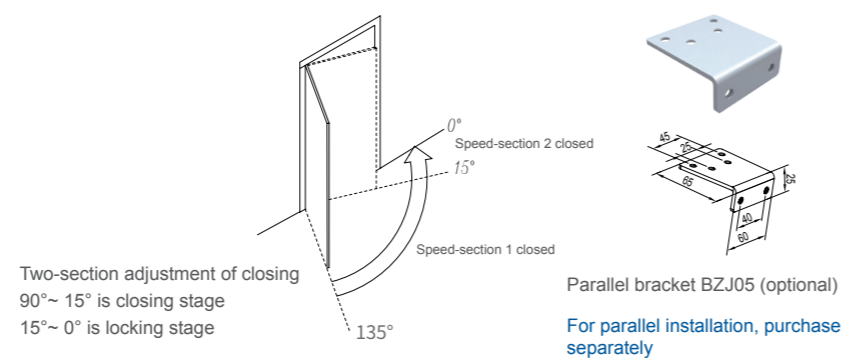
Technical Parameters

Location type	Non-hold
Door width	850~1100mm
Maximum Loading	65kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BBM10013 Door closer

Functional Characteristic

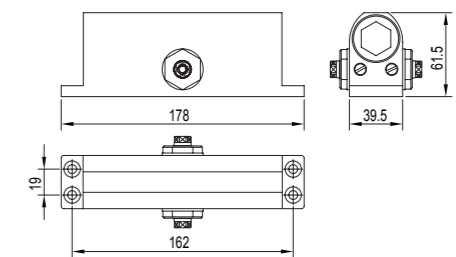
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.
This type of door closers cannot be used for fire doors.



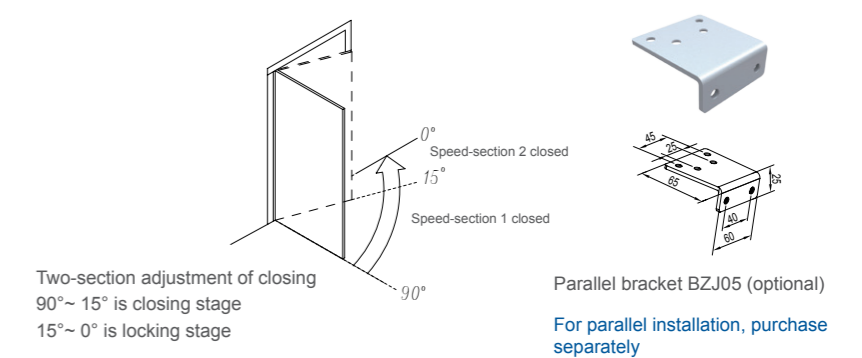
Technical Parameters

Location type	90°
Door width	850~1100mm
Maximum Loading	65kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance





B701/B703 Door closer

Functional Characteristic

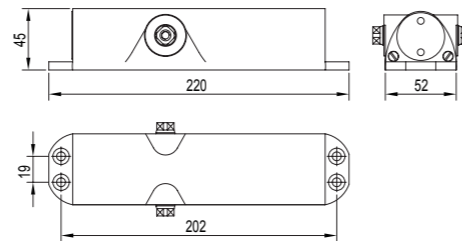
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



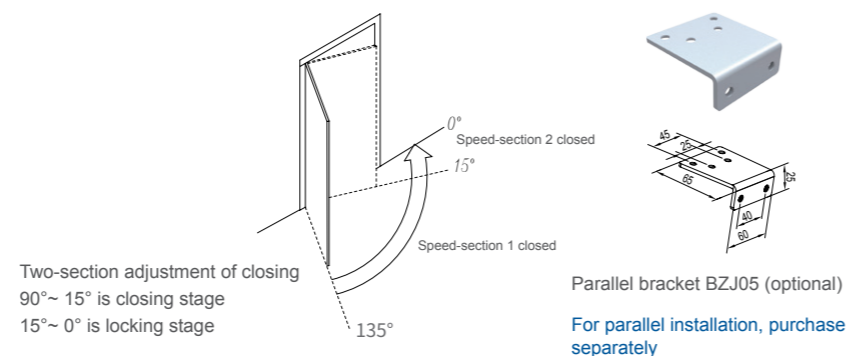
Technical Parameters

Location type	Non-hold
Door width	650~900mm / 850~1100mm
Maximum Loading	45kg/65kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BZ701 / BZ703 Door closer

Functional Characteristic

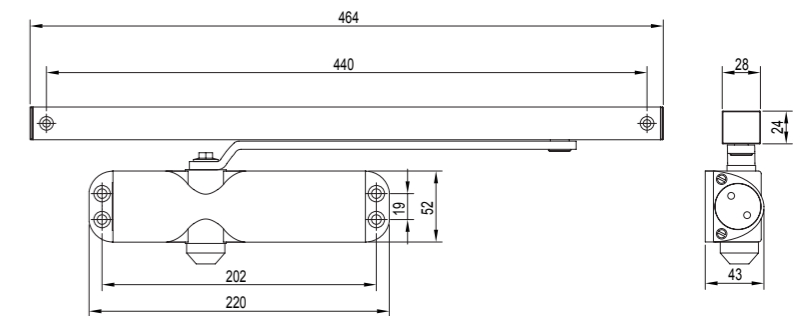
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



Technical Parameters

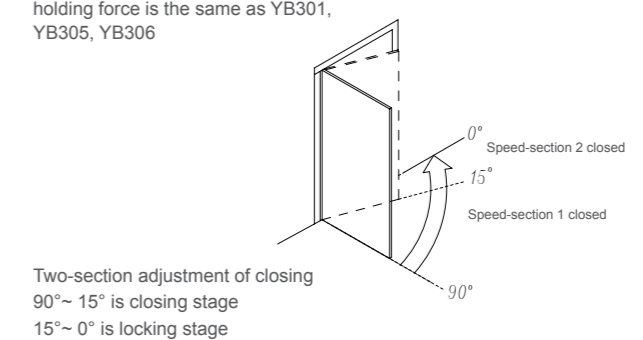
Location type	Hold can be anywhere and withdrawn
Door width	650~900mm / 850~1100mm
Maximum Loading	45kg/65kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance

The adjustment diagram of the rail holding force is the same as YB301, YB305, YB306





BBM70102/BBM70103 Door closer New

Functional Characteristic

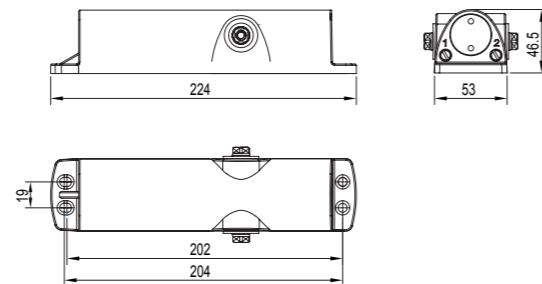
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



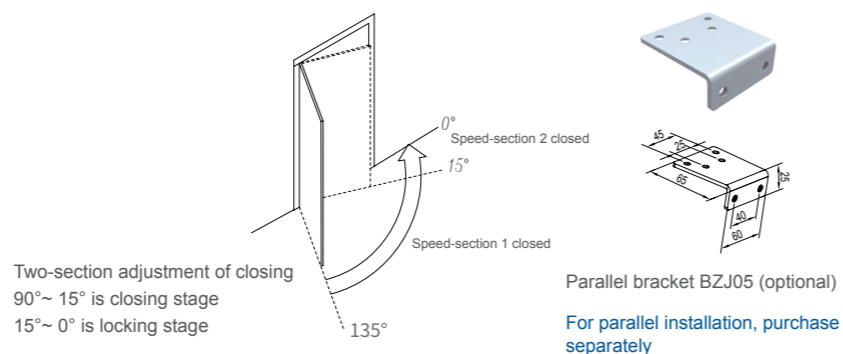
Technical Parameters

Location type	Non-hold
Door width	650~900mm / 850~1100mm
Maximum Loading	45kg/65kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BBM70112/BBM70113 Door closer New

Functional Characteristic

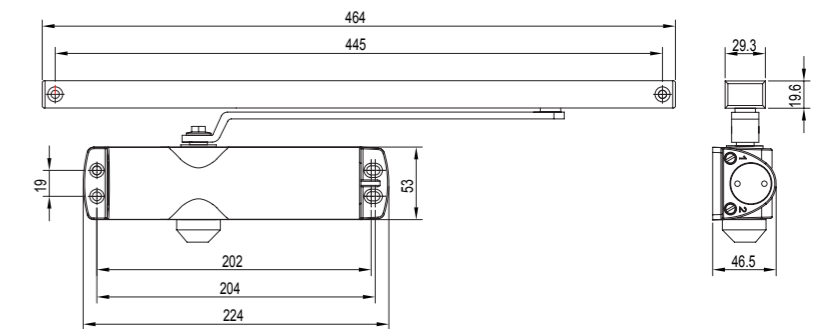
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



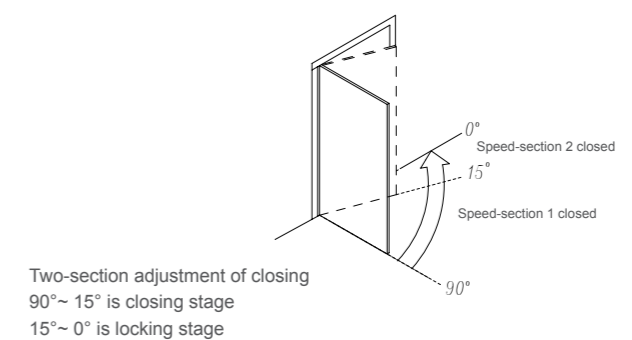
Technical Parameters

Location type	Hold can be anywhere and withdrawn
Door width	650~900mm / 850~1100mm
Maximum Loading	45kg/65kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance





B802 Door closer

Functional Characteristic

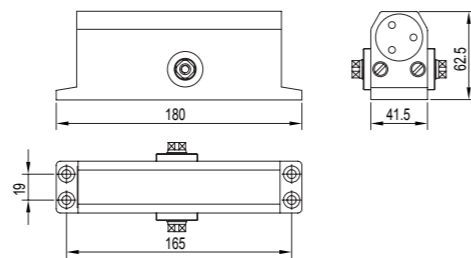
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



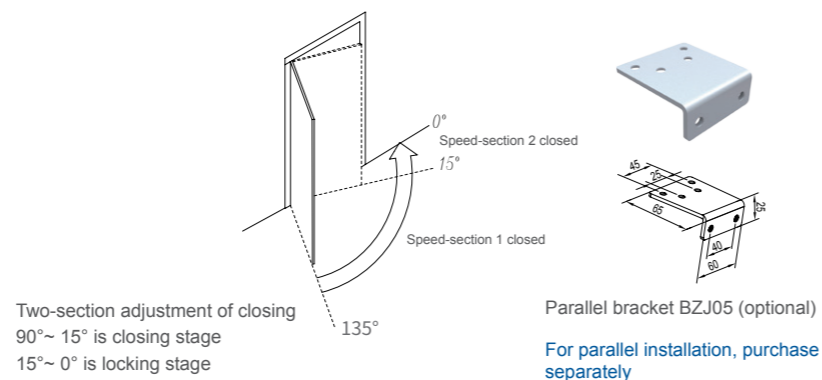
Technical Parameters

Location type	Non-hold
Door width	650~900mm
Maximum Loading	45kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BZ802 Door closer

Functional Characteristic

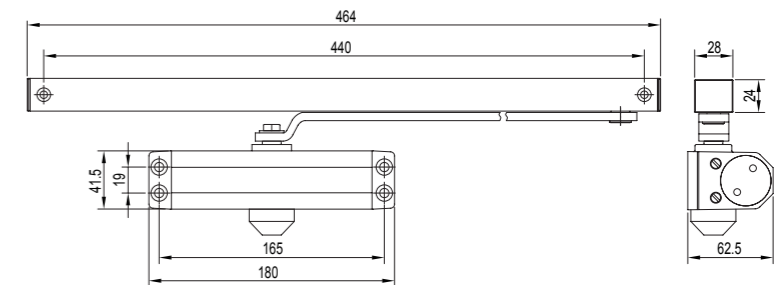
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



Technical Parameters

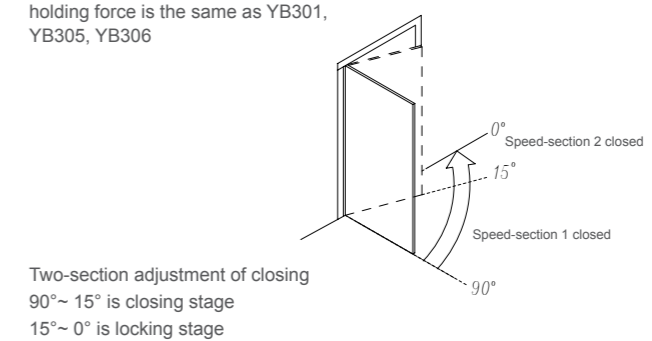
Location type	Hold can be anywhere and withdrawn
Door width	650~900mm
Maximum Loading	45kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance

The adjustment diagram of the rail holding force is the same as YB301, YB305, YB306





BBM80102 Door closer New

Functional Characteristic

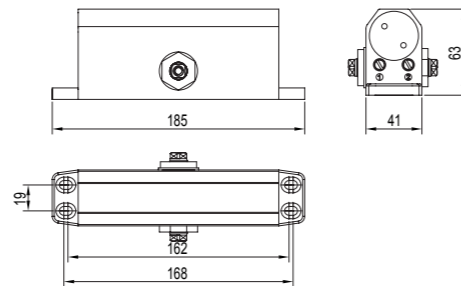
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



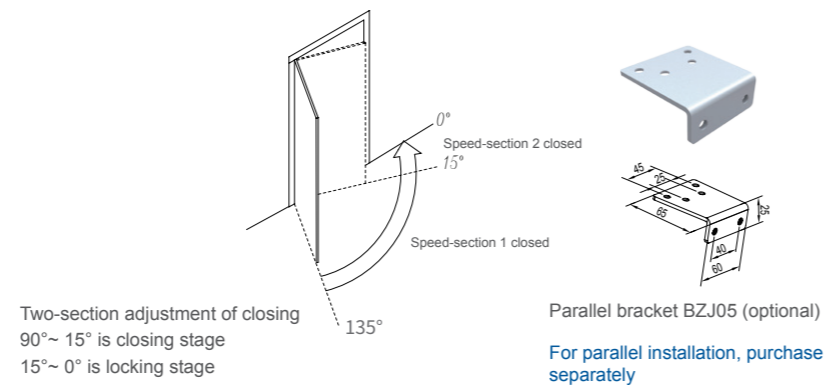
Technical Parameters

Location type	Non-hold
Door width	650~900mm
Maximum Loading	45kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BBM80212 Door closer New

Functional Characteristic

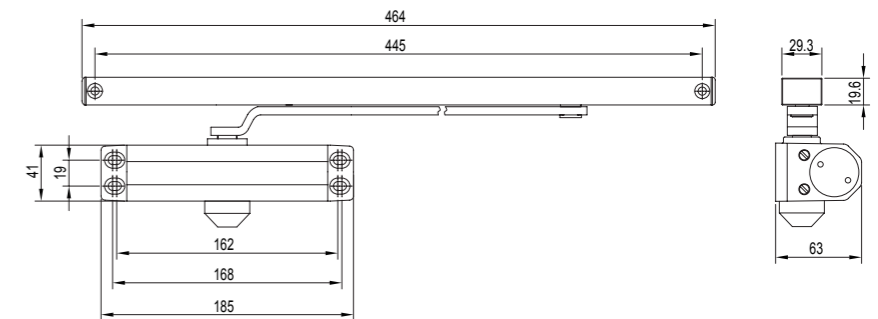
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



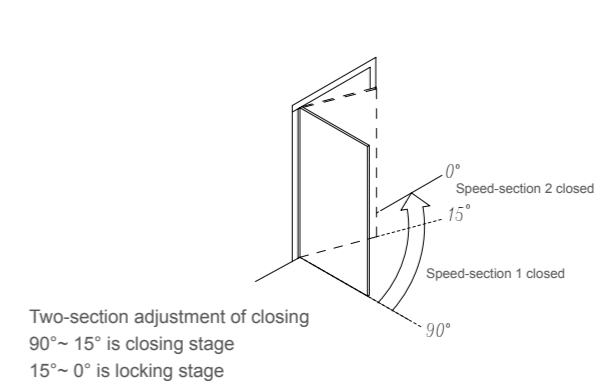
Technical Parameters

Location type	Hold can be anywhere and withdrawn
Door width	650~900mm
Maximum Loading	45kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance





B803/B804 Door closer

Functional Characteristic

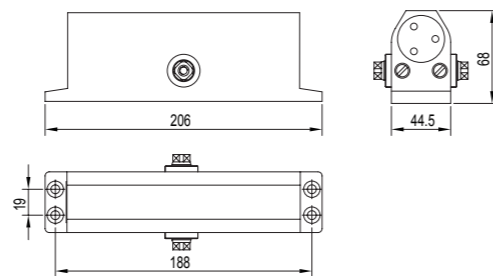
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



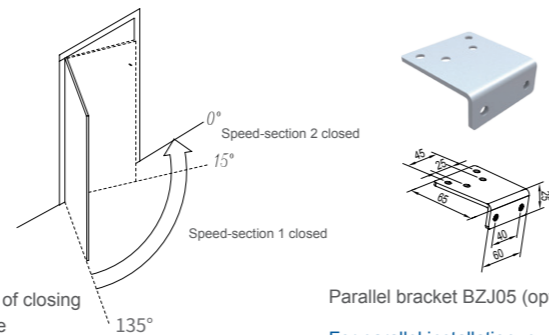
Technical Parameters

Location type	Non-hold
Door width	850~1100mm / 1000~1250mm
Maximum Loading	65kg / 85kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



Two-section adjustment of closing
 90°~ 15° is closing stage
 15°~ 0° is locking stage

Parallel bracket BZJ05 (optional)
 For parallel installation, purchase separately



BZ803 / BZ804 Door closer

Functional Characteristic

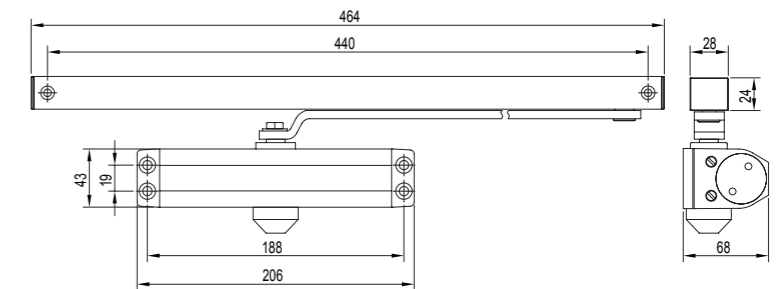
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



Technical Parameters

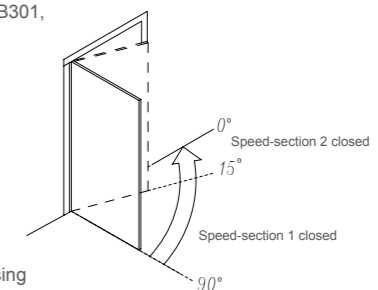
Location type	Hold can be anywhere and withdrawn
Door width	850~1100mm / 1000~1250mm
Maximum Loading	65kg / 85kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance

The adjustment diagram of the rail holding force is the same as YB301, YB305, YB306



Two-section adjustment of closing
 90°~ 15° is closing stage
 15°~ 0° is locking stage

BBM80103/BBM80104 Door closer New

Functional Characteristic

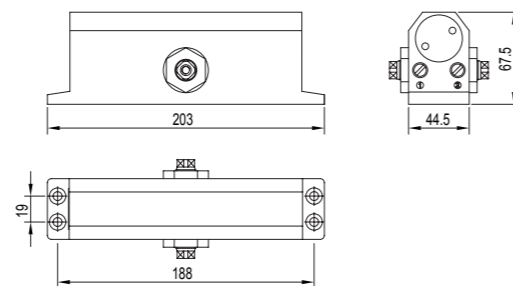
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



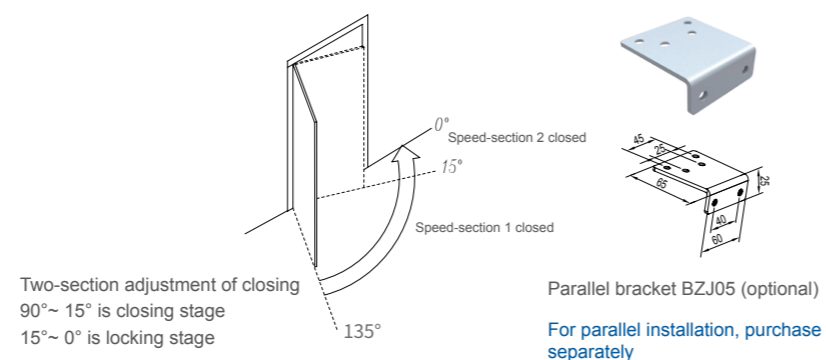
Technical Parameters

Location type	Non-hold
Door width	850~1100mm/1000~1250mm
Maximum Loading	65kg/85kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BBM80113/BBM80114 Door closer New

Functional Characteristic

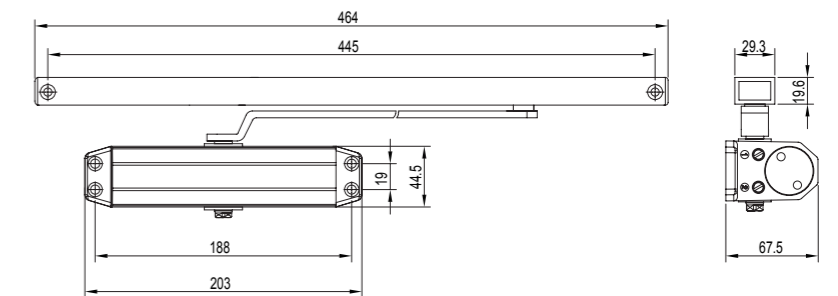
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



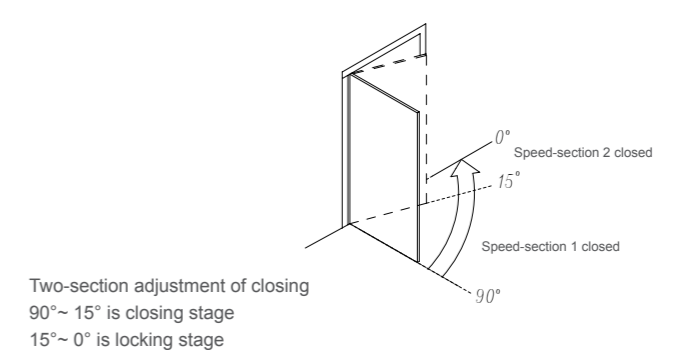
Technical Parameters

Location type	Hold can be anywhere and withdrawn
Door width	850~1100mm/1000~1250mm
Maximum Loading	65kg/85kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance





BBM90002 / BBM90003 Door closer

Functional Characteristic

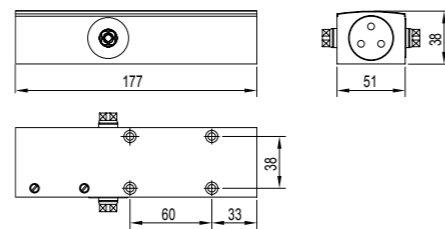
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



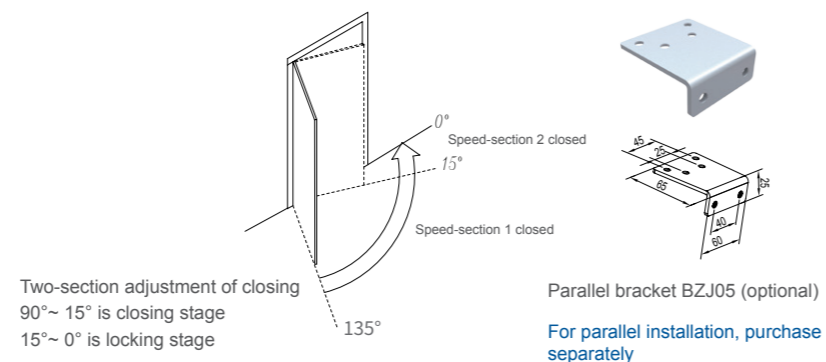
Technical Parameters

Location type	Non-hold
Door width	650~900mm/850~1100mm
Maximum Loading	45kg/65kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BBM90012 / BBM90013 Door closer

Functional Characteristic

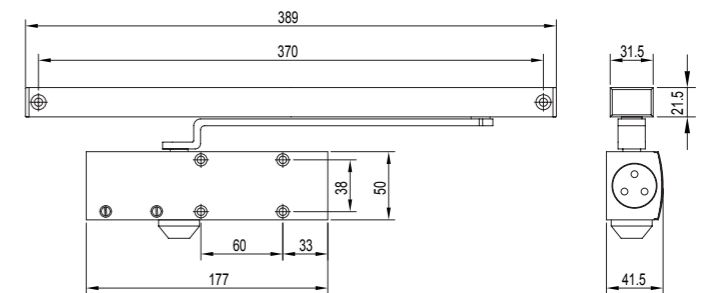
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



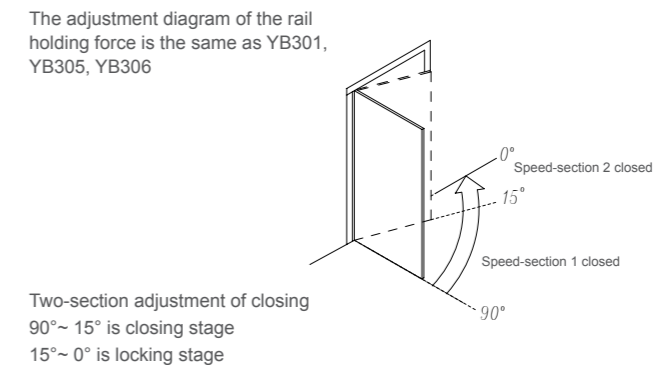
Technical Parameters

Location type	Hold can be anywhere and withdrawn
Door width	650~900mm/850~1100mm
Maximum Loading	45kg/65kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance





BBM90103 Door closer New

Functional Characteristic

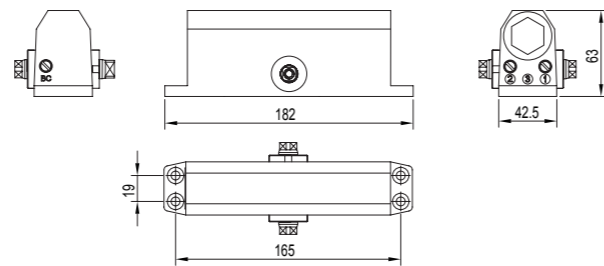
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



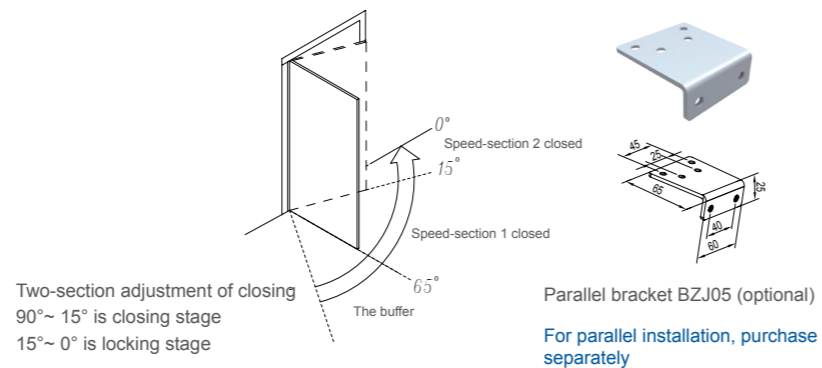
Technical Parameters

Location type	Non-hold
Door width	850~1100mm
Maximum Loading	65kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BBM90104 Door closer New

Functional Characteristic

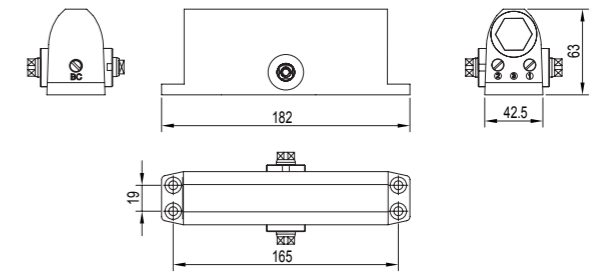
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



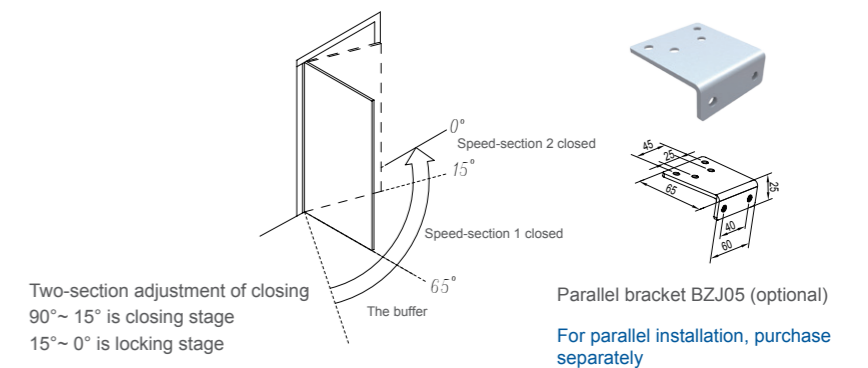
Technical Parameters

Location type	Non-hold
Door width	1000~1250mm
Maximum Loading	85kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BBM90004 Door closer

Functional Characteristic

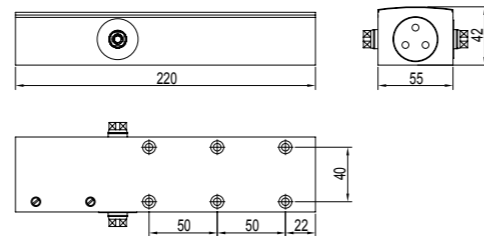
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



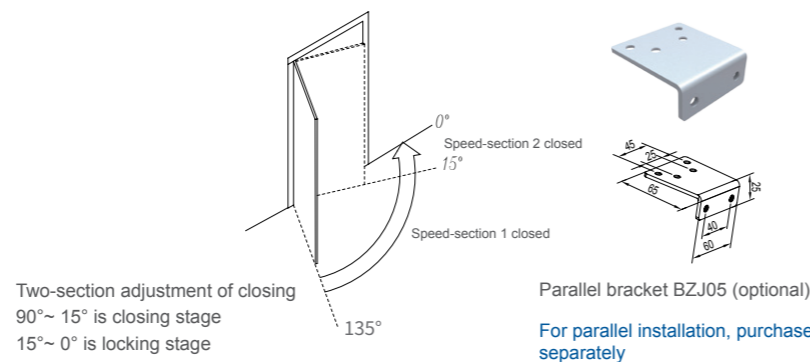
Technical Parameters

Location type	Non-hold
Door width	1000~1250mm
Maximum Loading	85kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BBM90006 Door closer

Functional Characteristic

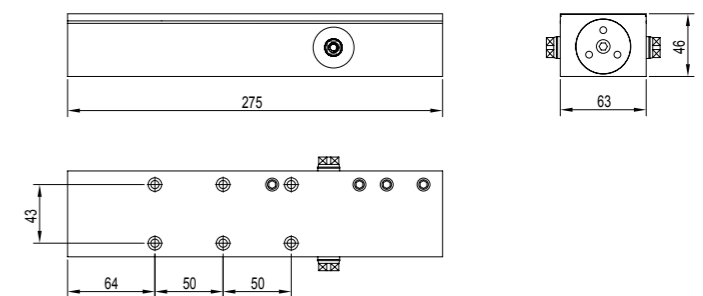
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.
 Delayed door closing function: When the door opening angle is greater than 65°, the door will delay its closing time to 65° to restore normal speed.
 Door opening buffer function: When the door is opened to 65°, the door opening will have obvious resistance.
 Torque adjustment function: to achieve different door width and door weight requirements by adjusting the number of turns of the torque speed control.



Technical Parameters

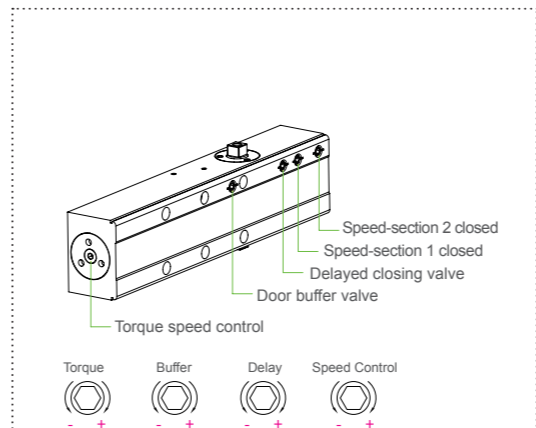
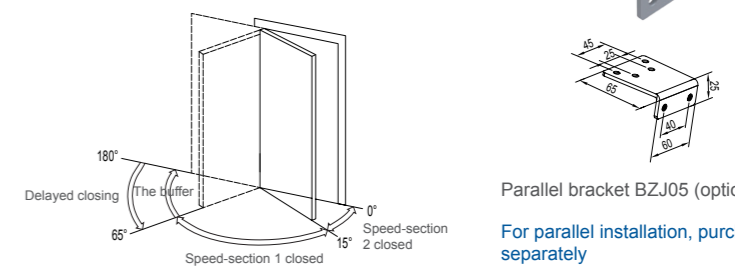
Location type	Non-hold
Door width	850~1600mm
Maximum Loading	85kg~150kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance

Two-section adjustment of closing, delay and buffering stages;
 15°~ 0° is locking stage
 65°~ 15° is closing stage
 180°~65° is the delay closing stage
 65°~180° is the door opening buffering stage



Door closer torque category 4 force,
 bearing weight: 85kg

Torque adjustment table		
category	Number of turns	Door weight (KG)
4	+4	85
5	+8	120
6	+12	150



B104 Door closer

Functional Characteristic

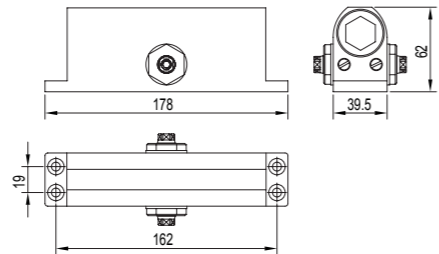
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



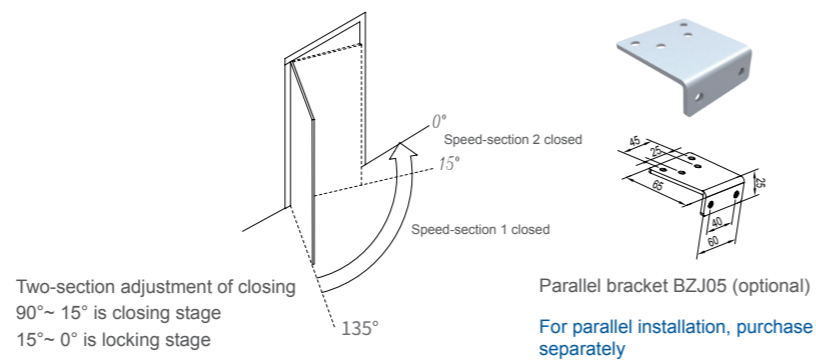
Technical Parameters

Location type	Non-hold
Door width	1000~1250mm
Maximum Loading	85kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



BBM10014 Door closer New

Functional Characteristic

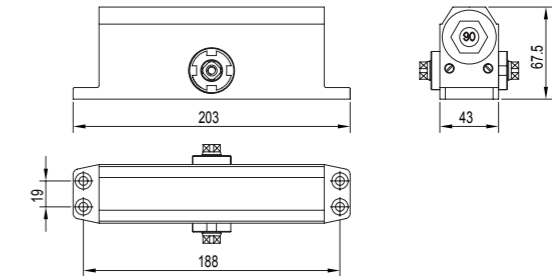
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.
 This type of door closers cannot be used for fire doors.



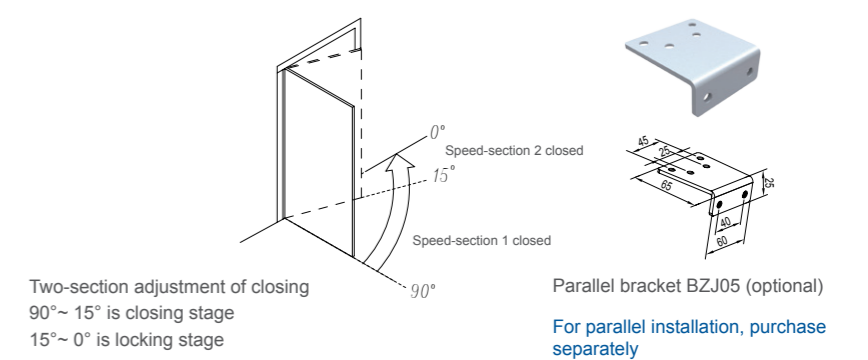
Technical Parameters

Location type	90°
Door width	1000~1250mm
Maximum Loading	85kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance





BBM80105 Door closer

Functional Characteristic

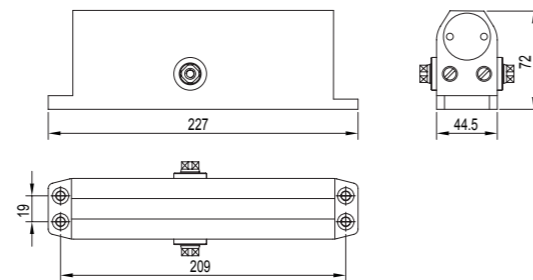
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



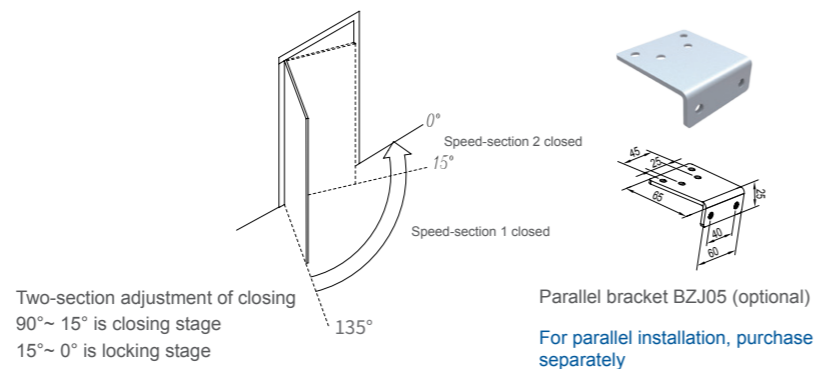
Technical Parameters

Location type	Non-hold
Door width	1100~1300mm
Maximum Loading	100kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



Two-section adjustment of closing
 90°~ 15° is closing stage
 15°~ 0° is locking stage

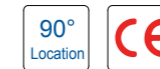
Parallel bracket BZJ05 (optional)
 For parallel installation, purchase separately



BBM10015 Door closer

Functional Characteristic

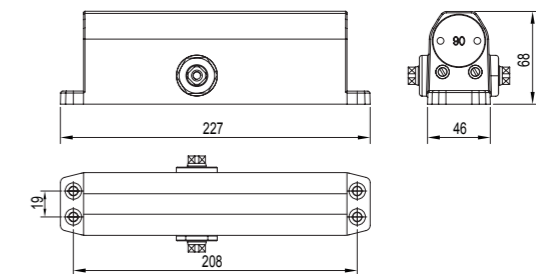
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.
This type of door closers cannot be used for fire doors.



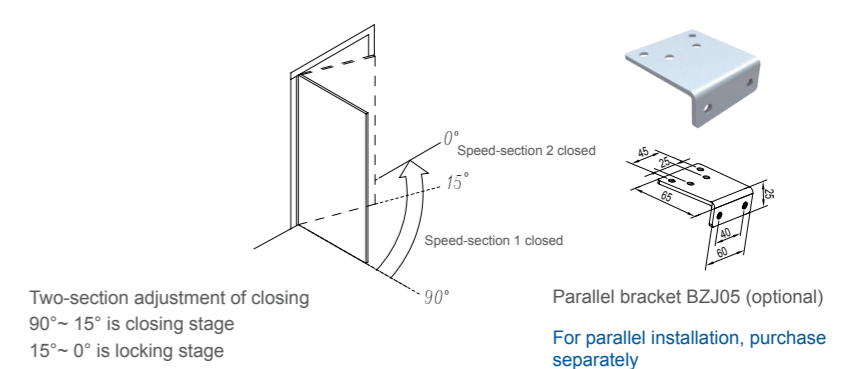
Technical Parameters

Location type	90°
Door width	1100~1300mm
Maximum Loading	100kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



Two-section adjustment of closing
 90°~ 15° is closing stage
 15°~ 0° is locking stage

Parallel bracket BZJ05 (optional)
 For parallel installation, purchase separately



BBM10302 Door closer

Functional Characteristic

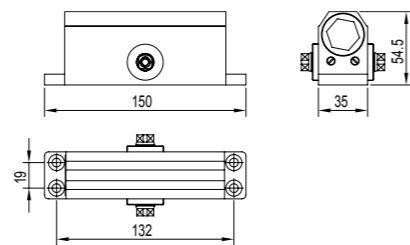
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 Exit door or fire door must adopt the door closer without the hold function
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



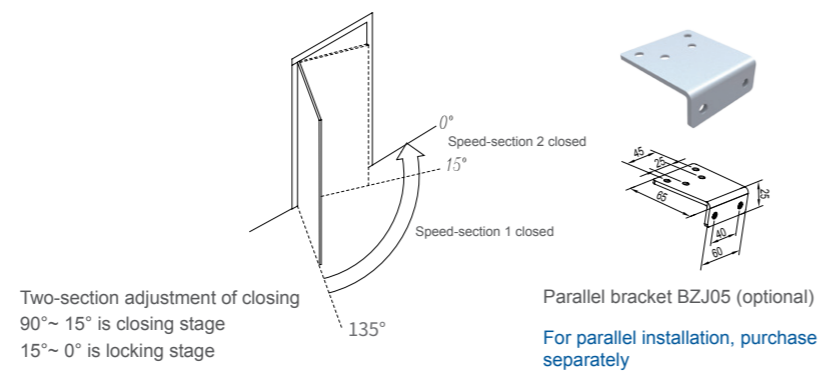
Technical Parameters

Location type	Non-hold
Door width	650~900mm
Maximum Loading	45kg
Service life	>200,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



B415 Door closer

Functional Characteristic

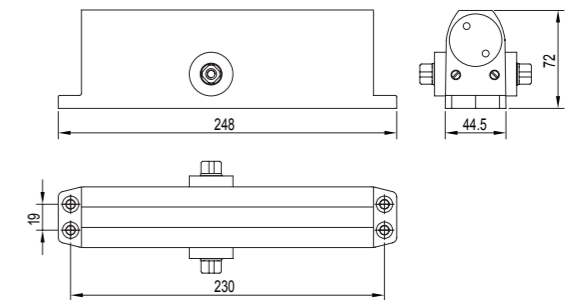
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



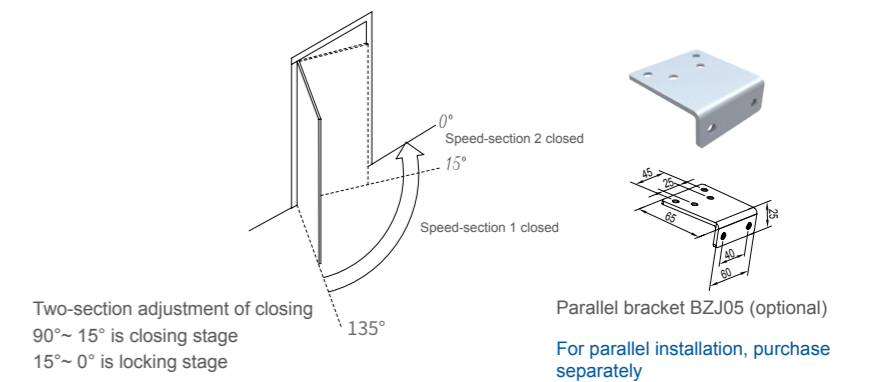
Technical Parameters

Location type	Non-hold
Door width	1150~1400mm
Maximum Loading	120kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance





YB301/YB305/YB306 Door closer

Functional Characteristic

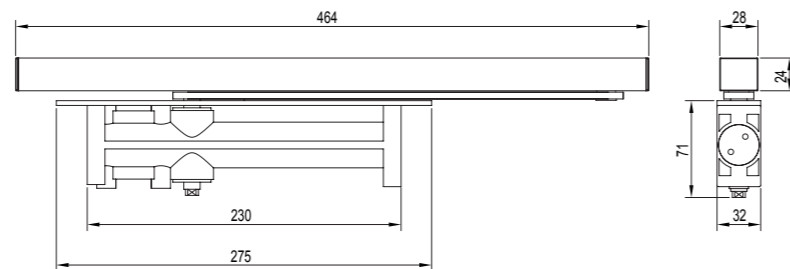
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



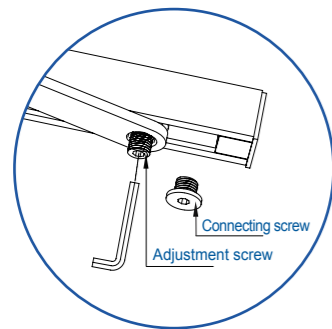
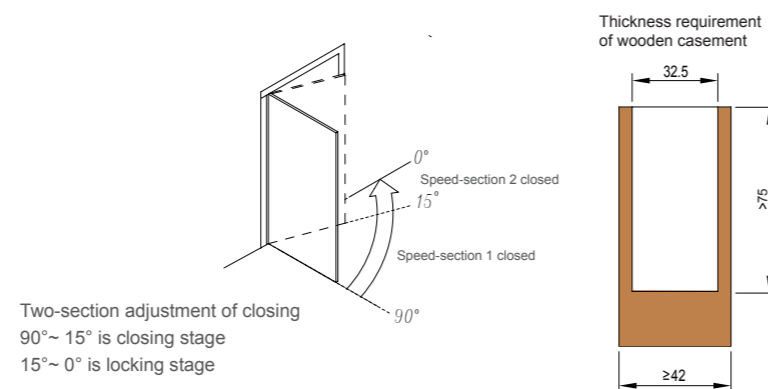
Technical Parameters

Location type	Hold can be anywhere and withdrawn
Door width	650~900mm / 850~1100mm/1000~1250mm
Maximum Loading	45kg / 65kg / 85kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

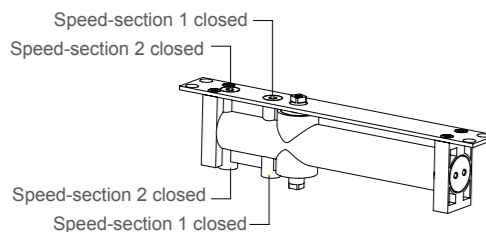
Product Drawing



Application Performance



Remark:
 The holding force can be adjusted slightly. First remove the connecting screw, then adjust the adjusting screw in the sliding block; increase the holding force by clockwise adjustment, reduce the holding force by anti-clockwise adjustment, and the adjusting screw should not be screwed out; If any abnormal caused by ignor of above steps & attention, KIN LONG will not be responsible for that



Remark:
 All the speed control valve are locked before delivering factory. When confirmed the opening direction of L or R, the No. 1 and 2 speed control should be rotated counterclockwise by one turn. If it is not satisfied, it can be adjusted slightly. The door opening speed is slower when adjusting clockwise, and the door opening speed is faster when adjusting counterclockwise



BBM30112 Door closer

Functional Characteristic

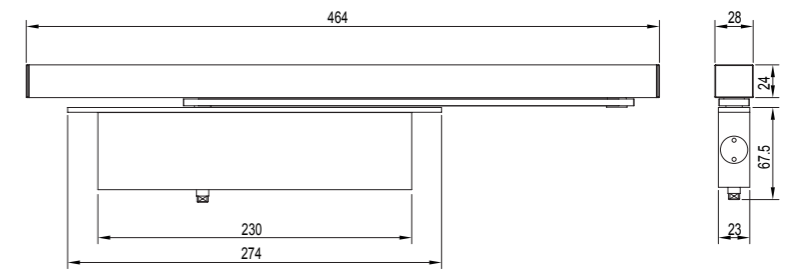
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



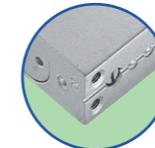
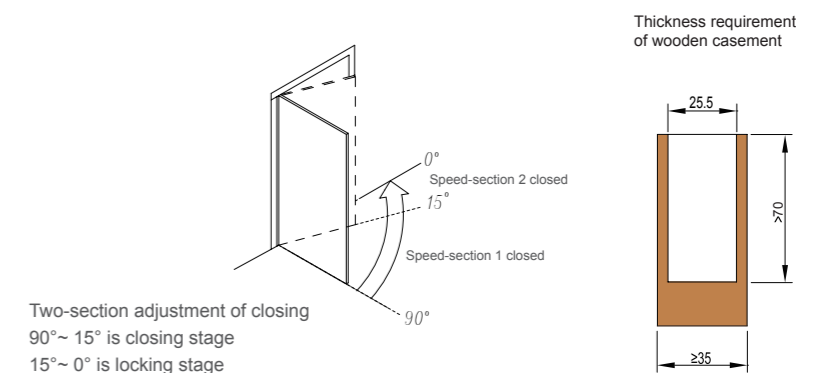
Technical Parameters

Location type	Hold can be anywhere and withdrawn
Door width	650~900mm
Maximum Loading	45kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance



Industry initiative, main body thickness is 23MM



BBM30113 Door closer

Functional Characteristic

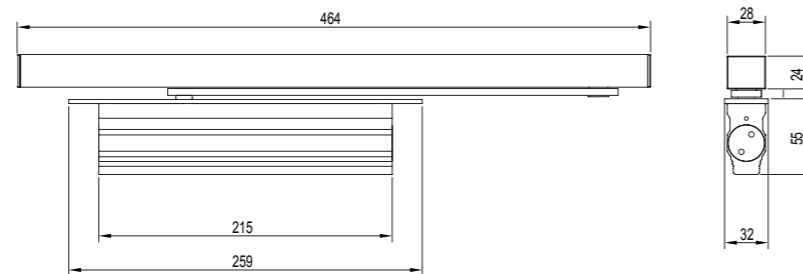
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



Technical Parameters

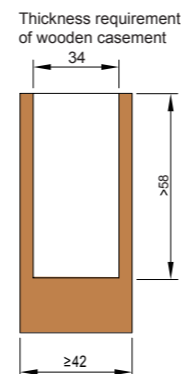
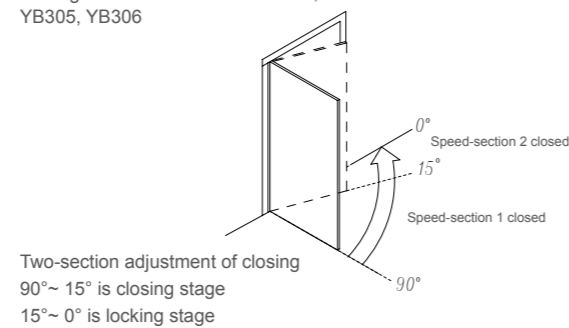
Location type	Hold can be anywhere and withdrawn
Door width	850~1100mm
Maximum Loading	65kg
Service life	>500,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



Application Performance

The adjustment diagram of the rail holding force is the same as YB301, YB305, YB306



BBM30115 Door closer New

Functional Characteristic

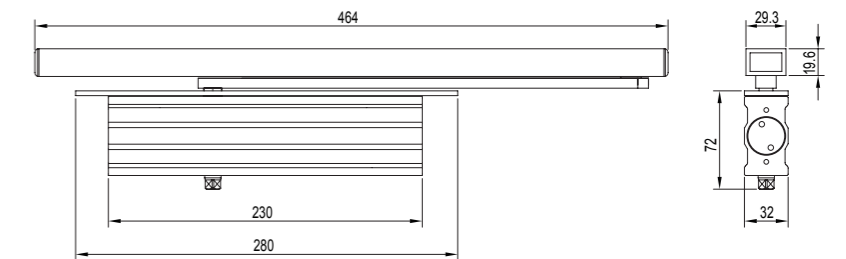
Passed the test of industrial standard JG/T 268
 Passed the test of EN1154 standard of door closing detection
 It can be used on both left and right side door
 Only for single-open, and suit for wooden door, metal door and frame door etc.



Technical Parameters

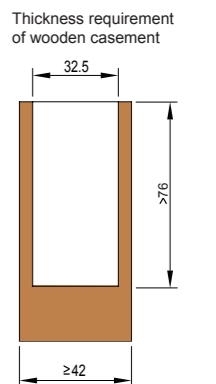
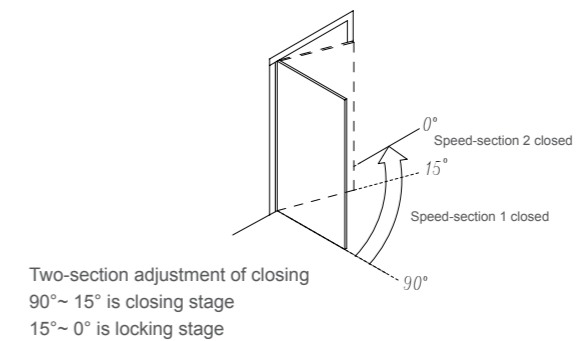
Location type	Hold can be anywhere and withdrawn
Door width	1100~1300mm
Maximum Loading	100kg
Service life	>300,000 Cycles
Speed control	Two speed section
Surface treatment	Silver gray (Color can be customized)
Suitable Temperature	-20°C~50°C

Product Drawing



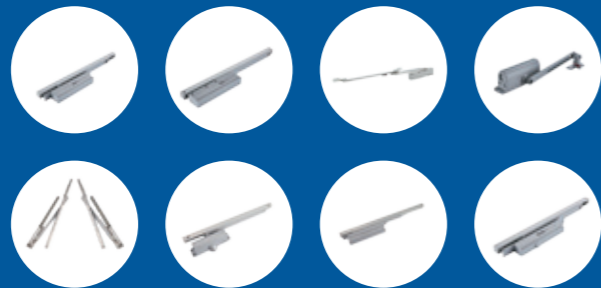
Application Performance

The adjustment diagram of the rail holding force is the same as YB301, YB305, YB306



03

Opening and closing controlling device of window sash window



List of Opening and closing controlling device of window sashes

Product Categories	Diagram	Code No	Location Type	Door Width	Maximum Loading	Service Life	Max Opening Angle	Page
Fire Certification		BBM31712 (New)	Hold can be anywhere	550~750mm	45Kg	>200,000 Cycles	90°	P105
		BBM31812 (New)	Hold can be anywhere	550~750mm	45Kg	>200,000 Cycles	90°	P106
		GB16809-QB-YT-YR-W(BBM10812) (New)	Hold can be anywhere	550~850mm	45Kg	>200,000 Cycles	90°	P107
		GB16809-QB-YT-YR-W(BBM10212) (New)	Hold can be anywhere	550~850mm	45Kg	>200,000 Cycles	90°	P108
		BBM13014L (New)	30° positioner	850~1100mm	85kg	>300,000 Cycles	30°	P109
		BBM13014R (New)	30° positioner	850~1100mm	85kg	>300,000 Cycles	30°	P110
		BBC40212L (New)	40°~90° Multi-point positioning	540~750mm	35Kg	>200,000 Cycles	90°	P111
		BBC40212R (New)	40°~90° Multi-point positioning	540~750mm	35Kg	>200,000 Cycles	90°	P112
		BBM40112L (New)	Open-in Side-Hung window 40~90° Multi-point positioning Top-Hung window 10~30° multi point positioning	460~800mm	40Kg	>200,000 Cycles	Open-in Side-Hung window 90° Top-hung window 30°	P113
		BBM40112R (New)	Open-in Side-Hung window 40~90° Multi-point positioning Top-hung window 10~30° multi point positioning	460~800mm	40Kg	>200,000 Cycles	Open-in Side-Hung window 90° Top-hung window 30°	P114
		GB16809-QB-YT-YR-Y(BBM30612) (New)	Hold can be anywhere	450~650mm	45Kg	>200,000 Cycles	90°	P115
		GB16809-QB-YT-YR-Y(BBM30712) (New)	Hold can be anywhere	450~650mm	45Kg	>200,000 Cycles	90°	P116
		GB16809-QB-YT-YR-Y(BBM30312) (New)	Hold can be anywhere	450~650mm	45Kg	>200,000 Cycles	90°	P117
	National Standard Class		BBM10112	Hold can be anywhere	550~850mm	45Kg	>300,000 Cycles	90°
		BBM10212	Hold can be anywhere	550~850mm	45Kg	>200,000 Cycles	90°	P119
		BBM10512	Hold can be anywhere	550~850mm	45Kg	>300,000 Cycles	90°	P120
		BBM30212	Hold can be anywhere	450~650mm	45Kg	>300,000 Cycles	90°	P121
		BBM30312	Hold can be anywhere	450~650mm	45Kg	>200,000 Cycles	90°	P122



Opening and closing controlling device of window sash

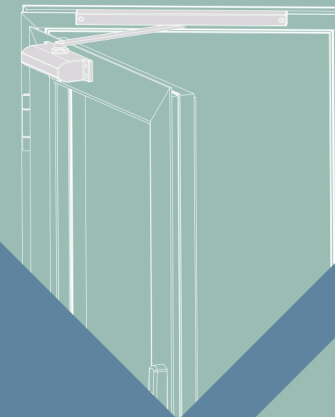
Requirements and Role for Refuge Room

In recent years, high-rise dwellings have continued to emerge, followed by high-rise building fires. Each high-rise building fire will cause serious casualties and social impacts.

In order to make fire-resistant and fire-resistant doors and windows more popular, the requirements for the usability and functionality of fire-resistant and fire-resistant doors and windows are also increasing. Need to satisfy people (both young and old) For normal use (the air-tightness and water-tightness of the sash itself are intact), it must also have the function of automatic window closing. When the temperature reaches a certain range,

The sash should be automatically closed and locked to enter a state that can achieve 1.0h fire integrity on the outdoor side. For fire hazards of high-rise residential buildings, On May 1, 2015, the code for fire protection of building design was implemented. Article 5.5.32 of the code stipulates that each house in a residential building with a building height greater than 54m should have a room in accordance with:

1. Set up against the outer wall and should be set to open the outer window
2. The fire resistance of the inner and outer walls should not be less than 1.00h. The door of this room should be a Class B fire door. The fire integrity of the outer window should not be less than 1.00h



Standard requirements for movable fire windows

① Static operating temperature of thermal sensor:

The thermal sensor used in the opening and closing control device of the sash in the movable fire window shall not operate within 5.0 minutes at a temperature of $(64 \pm 0.5 \text{ } ^\circ\text{C})$ and shall operate within 1.0 at a temperature of $(74 \pm 0.5 \text{ } ^\circ\text{C})$.

② Sash closure reliability:

Manually control the Opening and closing controlling device of window sash. During 100 times opening and closing operation tests, the movable sash should be able to be flexibly opened and completely closed. There shall be no blocking of the opening and closing, and no loss or damage of each component.

③ Sash auto-closing time :

The automatic closing time of the sash of the movable fire window should not be greater than 60s.

Opening and closing controlling device of window sash

Opening and closing controlling device of window sash

BBM31712 Opening and closing controlling device of window sash New

Functional Characteristic

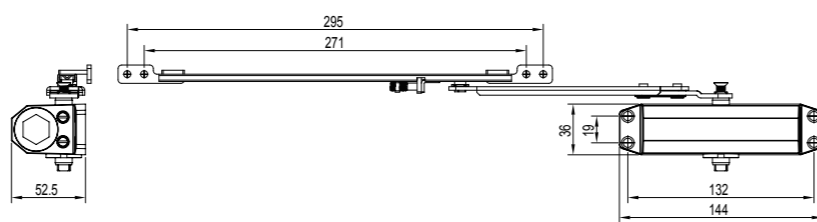
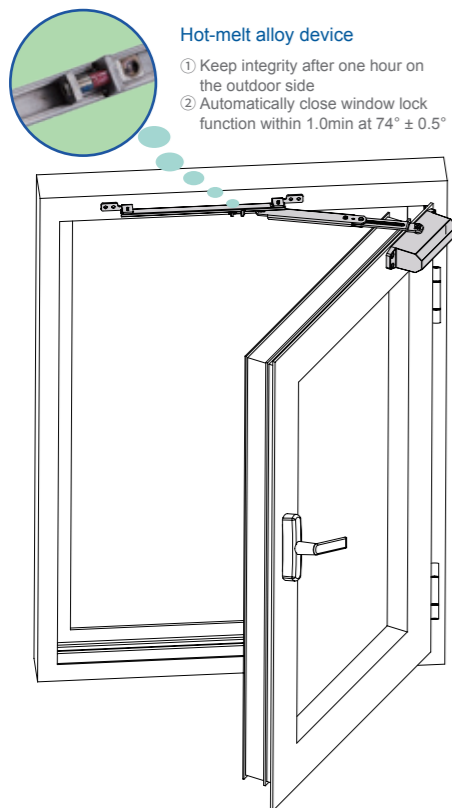
Passed the national standard GB 16809
Gained the national fire pool certificate product
Only meets one-way opening, suitable for aluminum fire **open-in and Side-Hung window**
Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
With manual window closing and holding function



Technical Parameters

Location type	Hold can be anywhere
Window width	550~750mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	BBM31712	1	

BBM31812 Opening and closing controlling device of window sash New

Functional Characteristic

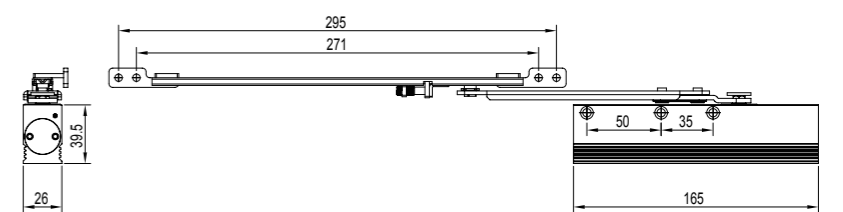
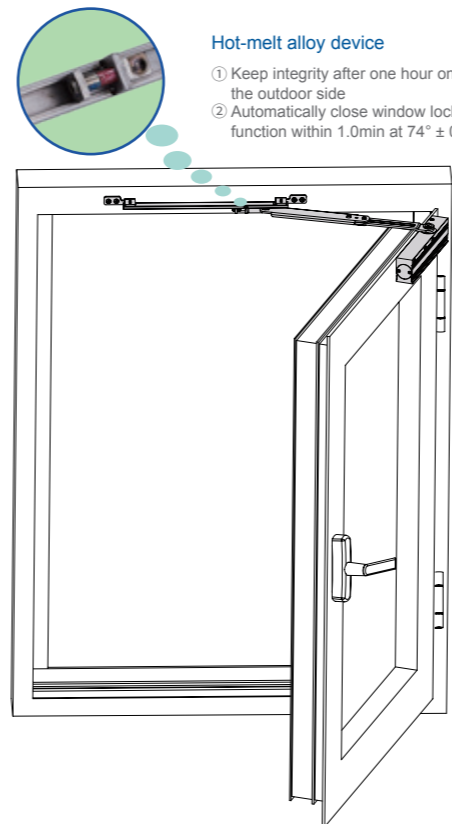
Passed the national standard GB 16809
Gained the national fire pool certificate product
Only meets one-way opening, suitable for aluminum fire **open-in and Side-Hung window**
Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
With manual window closing and holding function



Technical Parameters

Location type	Hold can be anywhere
Window width	550~750mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	BBM31812	1	



GB16809-QB-YT-YR-W(BBM10812) New

Opening and closing controlling device of window sash

Functional Characteristic

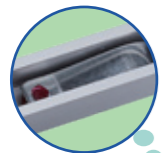
Passed the national standard GB 16809
 Gained the national fire proof certificate product
 Only meets one-way opening, suitable for aluminum fire **open-in and Side-Hung window**
 Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
 With manual window closing and holding function



Technical Parameters

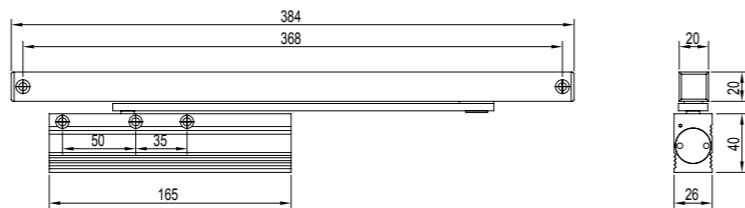
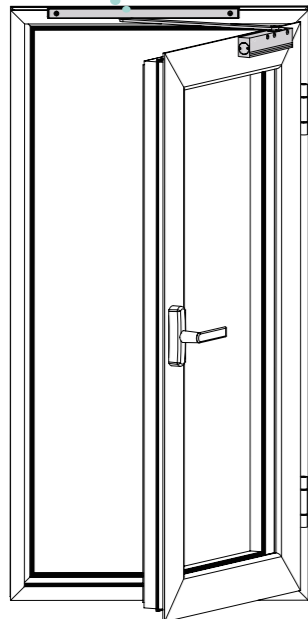
Location type	Hold can be anywhere
Window width	550~850mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing



Hot-melt alloy device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	GB16809-QB-YT-YR-W(BBM10812)	1	



GB16809-QB-YT-YR-W(BBM10212) New

Opening and closing controlling device of window sash

Functional Characteristic

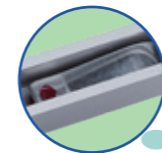
Passed the national standard GB 16809
 Gained the national fire proof certificate product
 Only meets one-way opening, suitable for aluminum fire **open-in and Side-Hung window**
 Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
 With manual window closing and holding function



Technical Parameters

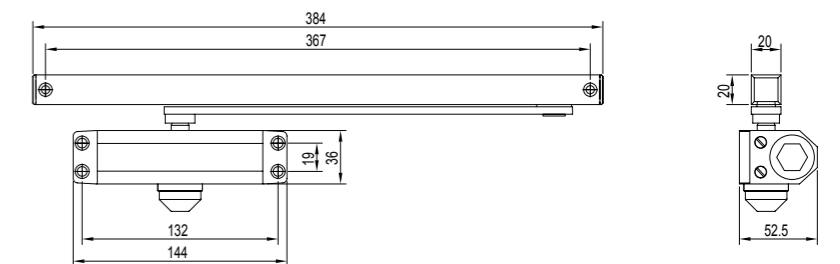
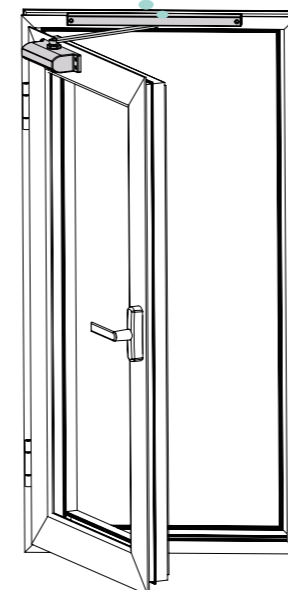
Location type	Hold can be anywhere
Window width	550~850mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing



Hot-melt alloy device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	GB16809-QB-YT-YR-W(BBM10212)	1	

Opening and closing controlling device of window sash



BBM13014L Opening and closing controlling device of window sash New

Functional Characteristic

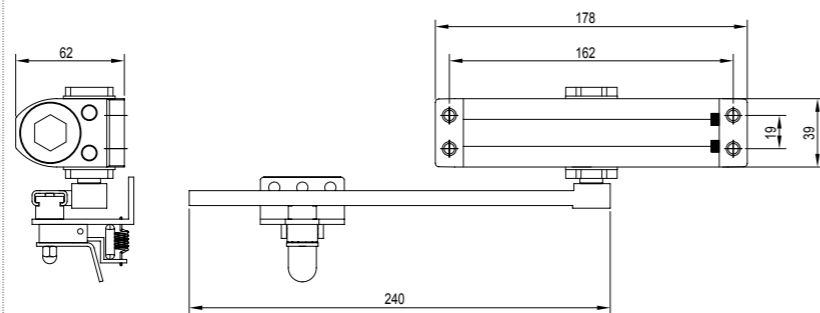
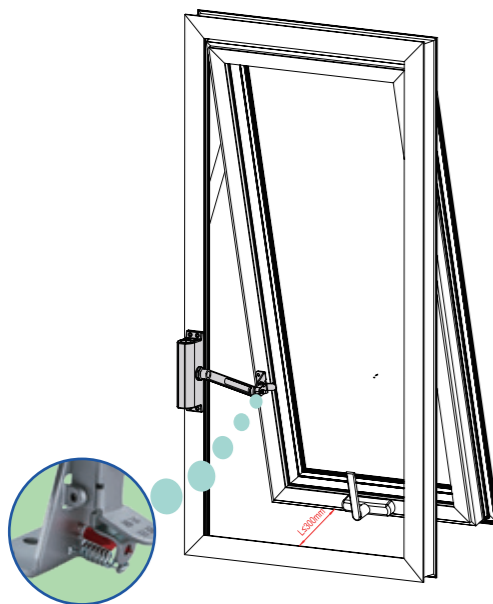
Passed the national standard GB 16809
 Gained the national fire pool certificate product
 Only meets one-way opening, suitable for aluminum fire **top-hung windows**
 Surface-mounted installation, depending on the width of the window frame, it needs to distinguish between left and right
 With manual window closing and holding function



Technical Parameters

Location type	30° positioner
Window width	850~1100mm
Maximum Loading	85kg
Maximum opening angle	30°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>300,000 Cycles

Product Drawing



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	LCZS191	1	
2	Locking the transmission lever	LSCDG21	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	lock plate	LSK43	2	
6	Hinge	ZJLB10-L/R	2	
7	Fire-resistant aluminum rod	NHG01-L	2	Choosing installation based on window type
8	Opening and closing controlling device of window sash	BBM13014L	1	surface-mounted type, it needs to distinguish between left and right

Thermal sensitive device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°

Opening and closing controlling device of window sash



BBM13014R Opening and closing controlling device of window sash New

Functional Characteristic

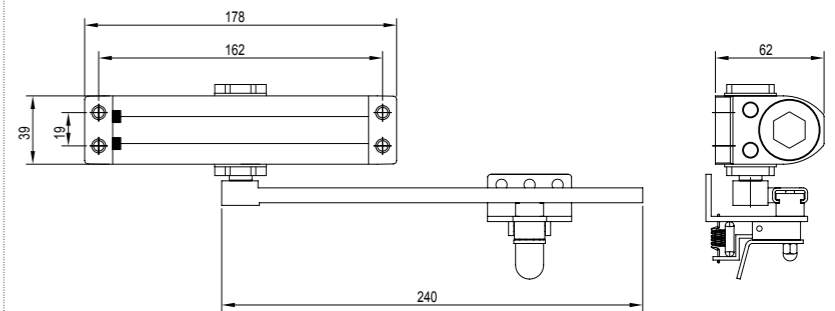
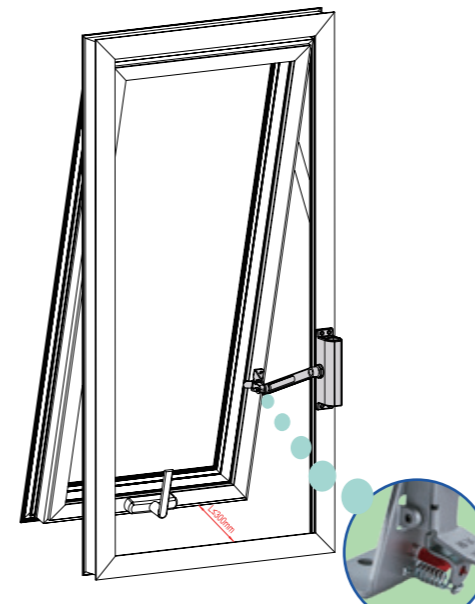
Passed the national standard GB 16809
 Gained the national fire pool certificate product
 Only meets one-way opening, suitable for aluminum fire **top-hung windows**
 Surface-mounted installation, depending on the width of the window frame, it needs to distinguish between left and right
 With manual window closing and holding function



Technical Parameters

Location type	30° positioner
Window width	850~1100mm
Maximum Loading	85kg
Maximum opening angle	30°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>300,000 Cycles

Product Drawing



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	LCZS191	1	
2	Locking the transmission lever	LSCDG21	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	lock plate	LSK43	2	
6	Hinge	ZJLB10-L/R	2	
7	Fire-resistant aluminum rod	NHG01-L	2	Choosing installation based on window type
8	Opening and closing controlling device of window sash	BBM13014R	1	surface-mounted type, it needs to distinguish between left and right

Thermal sensitive device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°

BBC40212L Opening and closing controlling device of window sash New

Functional Characteristic

Passed the national standard GB 16809
 Won the national fire protection product certification
 No slotting, no damage to the structure of the profile, applicable to the European standard C groove profile
 Only meet one-way opening, suitable for aluminum fire **open-in side-hung window**
 Depending on the window opening direction, it needs to distinguish between left and right
 With manual window closing and holding function



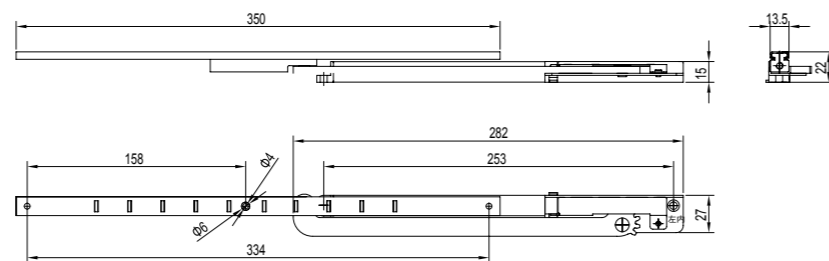
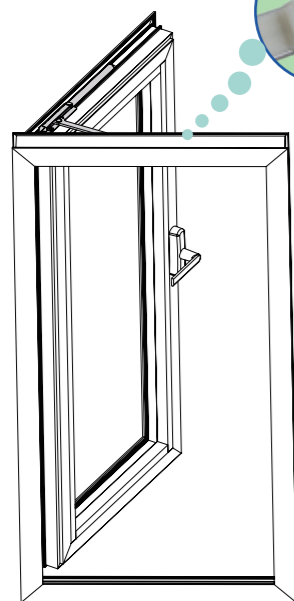
Technical Parameters

Location type	40°~90° Multi-point positioning
Window width	540~750mm
Maximum Loading	35kg
Maximum opening angle	90°
Surface treatment	Silver grey + satin
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing

Thermal sensitive device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	LCZS191	1	
2	Locking the transmission lever	LSCDG21	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	lock plate	LSK43	2	
6	Hidden hinge	LYHE15/I-L/R	2	
7	Fire-resistant aluminum rod	NHG01-L	2	
8	support block	LZCK02	1	
9	support block	LZCK03	1	
10	Middle lock block	LSK76	2	
11	Safety Anti-off device	FTQ25/I	1	
12	Opening and closing controlling device of window sash	BBC40212L	1	No slotting, hidden, need to distinguish left and right

BBC40212R Opening and closing controlling device of window sash New

Functional Characteristic

Passed the national standard GB 16809
 Won the national fire protection product certification
 No slotting, no damage to the structure of the profile, applicable to the European standard C groove profile
 Only meet one-way opening, suitable for aluminum fire **open-in side-hung window**
 Depending on the window opening direction, it needs to distinguish between left and right
 With manual window closing and holding function



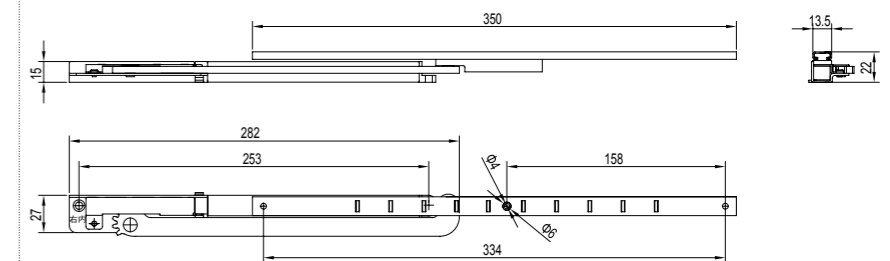
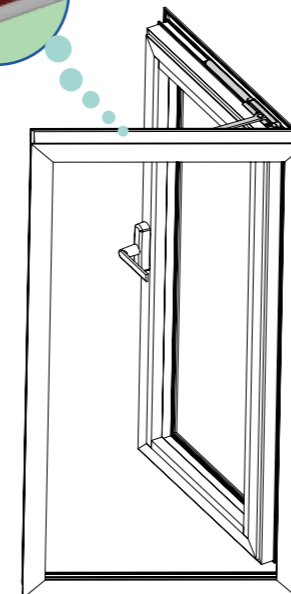
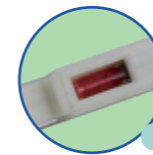
Technical Parameters

Location type	40°~90° Multi-point positioning
Window width	540~750mm
Maximum Loading	35kg
Maximum opening angle	90°
Surface treatment	Silver grey + satin
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing

Thermal sensitive device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	LCZS191	1	
2	Locking the transmission lever	LSCDG21	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	lock plate	LSK43	2	
6	Hidden hinge	LYHE15/I-L/R	2	
7	Fire-resistant aluminum rod	NHG01-L	2	
8	support block	LZCK02	1	
9	support block	LZCK03	1	
10	Middle lock block	LSK76	2	
11	Safety Anti-off device	FTQ25/I	1	
12	Opening and closing controlling device of window sash	BBC40212R	1	No slotting, hidden, need to distinguish left and right

Opening and closing controlling device of window sash

Opening and closing controlling device of window sash

BBM40112L Opening and closing controlling device of window sash New

Functional Characteristic

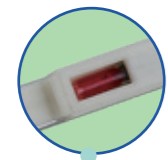
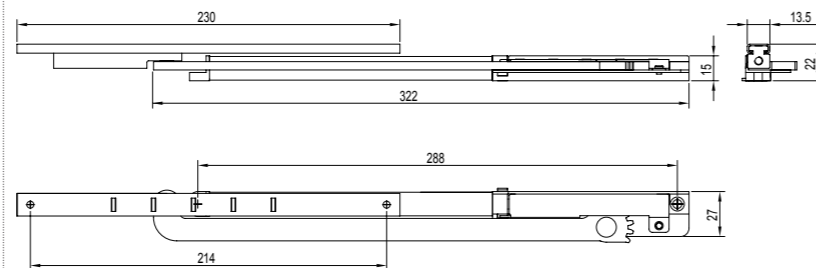
Passed the national standard GB 16809
 Won the national fire protection product certification
 No slotting, no damage to the structure of the profile, applicable to the European standard C groove profile
 Only meets one-way opening, suitable for aluminum fire **open-in side-hung windows and outer top-hung windows**
 Depending on the window opening direction, it needs to distinguish between left and right
 With manual window closing and holding function



Technical Parameters

Location type	Open-in side hung window 40~90°~Multi-point positioning\ top-hung window 10~30°
Window width	460~800mm
Maximum Loading	40kg
Maximum opening angle	Open-in Side-Hung window 90° Top-hung window 30°
Surface treatment	Silver grey + satin
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing

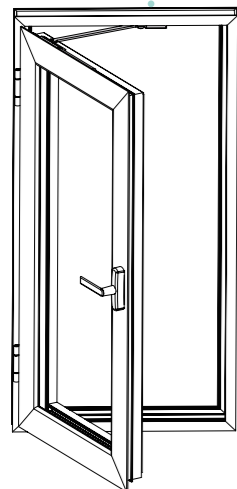


Thermal sensitive device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°

Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity		Remark
			open-in side-hung window	outer top-hung window	
1	Handle	CZS90	1	/	
2	Handle	LCZS191	/	1	
3	Locking the transmission lever	LSCDG11	1	/	
4	Locking the transmission lever	LSCDG21	/	1	Pin length selection according to profile
5	Skewed lock	LKS11	1	1	
6	side transmission rod	N43	2	2	
7	lock plate	LSK43	2	2	
8	Hinge	LBHY22	2	/	
9	Hinge	ZJLB10-L/R	/	2	
10	Fire-resistant aluminum rod	NHG01-L	2	2	
11	support block	LZCK02	1	/	
12	support block	LZCK03	1	/	
13	Opening and closing controlling device of window sash	BBM40112L	1	1	No slotting, hidden, need to distinguish left and right



BBM40112R Opening and closing controlling device of window sash New

Functional Characteristic

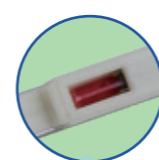
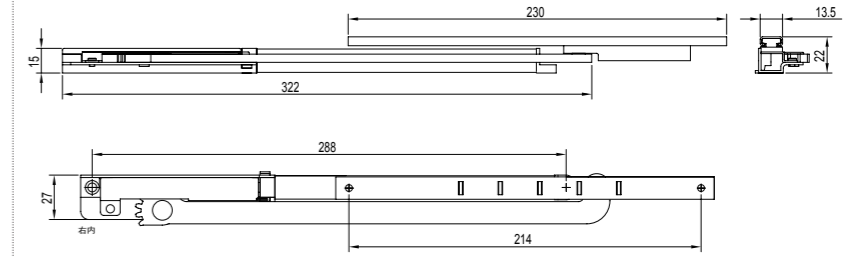
Passed the national standard GB 16809
 Won the national fire protection product certification
 No slotting, no damage to the structure of the profile, applicable to the European standard C groove profile
 Only meets one-way opening, suitable for aluminum fire **open-in side-hung windows and outer top-hung windows**
 Depending on the window opening direction, it needs to distinguish between left and right
 With manual window closing and holding function



Technical Parameters

Location type	Open-in side hung window 40~90°~Multi-point positioning\ top-hung window 10~30°
Window width	460~800mm
Maximum Loading	40kg
Maximum opening angle	Open-in Side-Hung window 90° Top-hung window 30°
Surface treatment	Silver grey + satin
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing

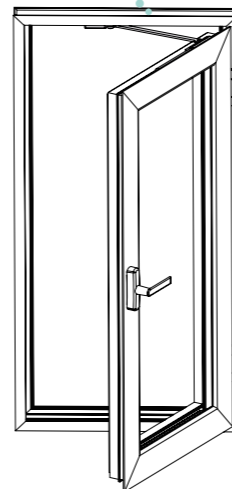


Thermal sensitive device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°

Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity		Remark
			open-in side-hung window	outer top-hung window	
1	Handle	CZS90	1	/	
2	Handle	LCZS191	/	1	
3	Locking the transmission lever	LSCDG11	1	/	
4	Locking the transmission lever	LSCDG21	/	1	Pin length selection according to profile
5	Skewed lock	LKS11	1	1	
6	side transmission rod	N43	2	2	
7	lock plate	LSK43	2	2	
8	Hinge	LBHY22	2	/	
9	Hinge	ZJLB10-L/R	/	2	
10	Fire-resistant aluminum rod	NHG01-L	2	2	
11	support block	LZCK02	1	/	
12	support block	LZCK03	1	/	
13	Opening and closing controlling device of window sash	BBM40112R	1	1	No slotting, hidden, need to distinguish left and right



Opening and closing controlling device of window sash



GB16809-QB-YT-YR-Y(BBM30612) New

Opening and closing controlling device of window sash

Functional Characteristic

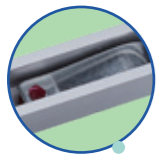
Passed the national standard GB 16809
 Won the national fire protection product certification
 Only for one-way opening, suitable for aluminum alloy refractory windows **open-in and Side-Hung window**
 Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
 With manual window closing and holding function



Technical Parameters

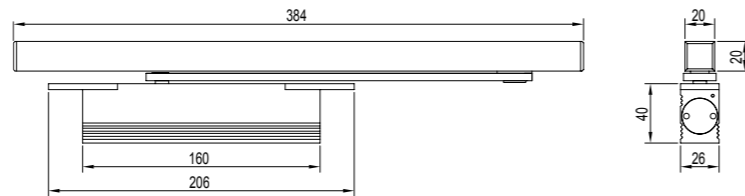
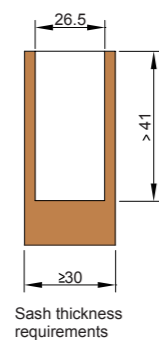
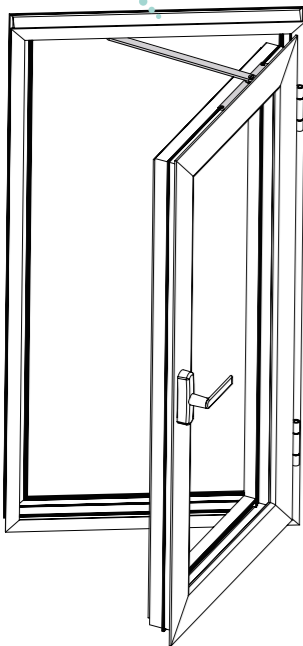
Location type	Hold can be anywhere
Window width	450~650mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing



Hot-melt alloy device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	GB16809-QB-YT-YR-Y(BBM30612)	1	

Opening and closing controlling device of window sash



GB16809-QB-YT-YR-Y(BBM30712) New

Opening and closing controlling device of window sash

Functional Characteristic

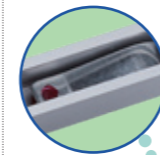
Passed the national standard GB 16809
 Won the national fire protection product certification
 Only for one-way opening, suitable for aluminum alloy refractory windows **open-in and Side-Hung window**
 Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
 With manual window closing and holding function



Technical Parameters

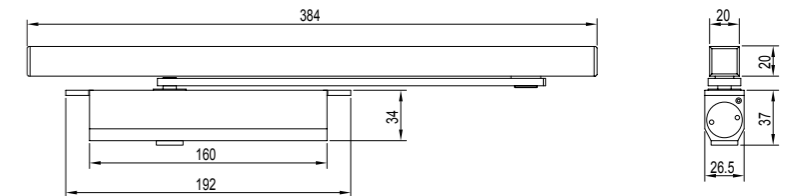
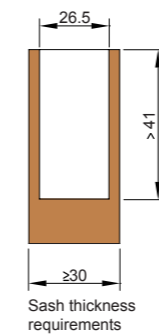
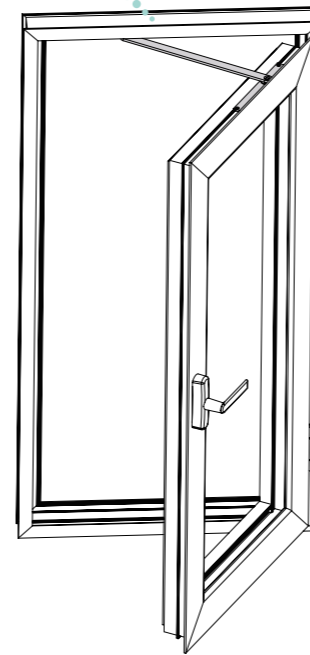
Location type	Hold can be anywhere
Window width	450~650mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing



Hot-melt alloy device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	GB16809-QB-YT-YR-Y(BBM30712)	1	



GB16809-QB-YT-YR-Y(BBM30312) New

Opening and closing controlling device of window sash

Functional Characteristic

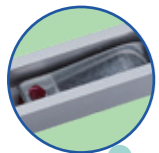
Passed the national standard GB 16809
 Won the national fire protection product certification
 Only for one-way opening, suitable for aluminum alloy refractory windows
open-in and Side-Hung window
 Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
 With manual window closing and holding function



Technical Parameters

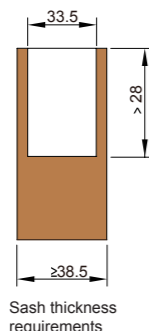
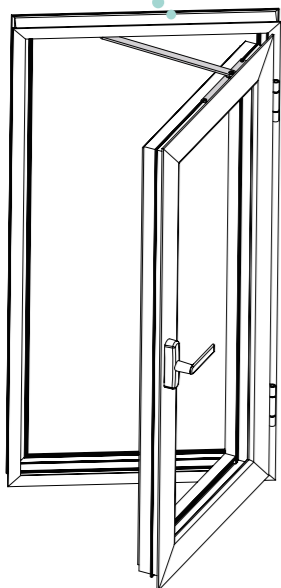
Location type	Hold can be anywhere
Window width	450~650mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing

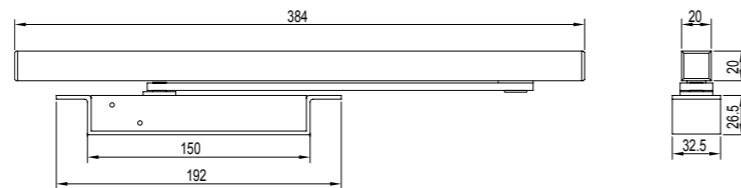


Hot-melt alloy device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°



Sash thickness requirements



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	GB16809-QB-YT-YR-Y(BBM30312)	1	



BBM10112 Opening and closing controlling device of window sash

Functional Characteristic

Passed the national standard GB 16809
 Only for one-way opening, suitable for aluminum alloy refractory windows
open-in and Side-Hung window
 Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
 With manual window closing and holding function

Technical Parameters

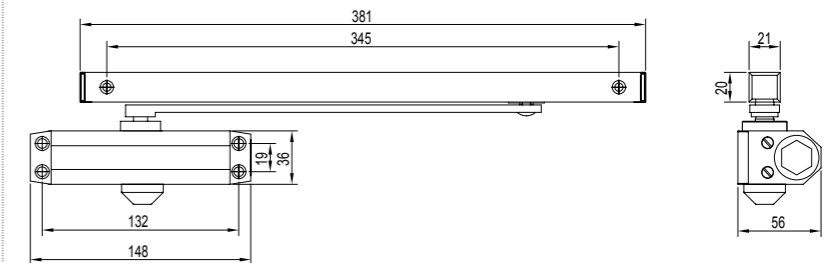
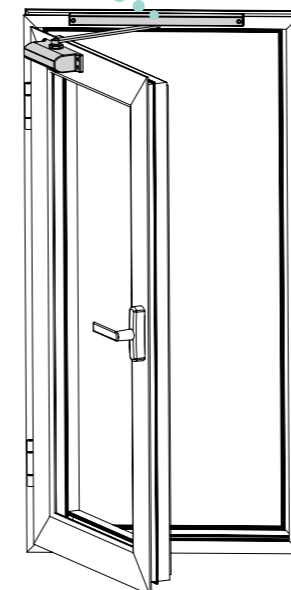
Location type	Hold can be anywhere
Window width	550~850mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>300,000 Cycles

Product Drawing



Thermal sensitive device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	BBM10112	1	



BBM10212 Opening and closing controlling device of window sash

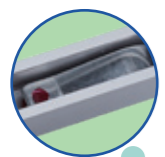
Functional Characteristic

Passed the national standard GB 16809
 Only for one-way opening, suitable for aluminum alloy refractory windows
open-in and Side-Hung window
 Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
 With manual window closing and holding function

Technical Parameters

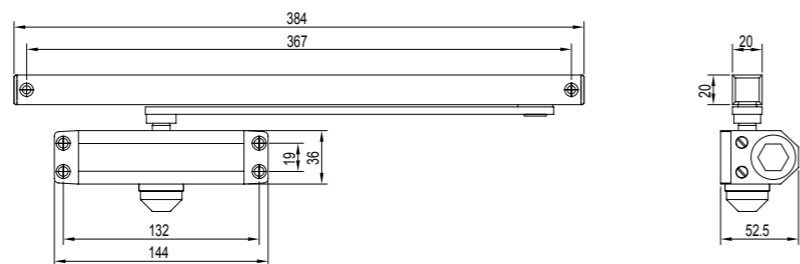
Location type	Hold can be anywhere
Window width	550~850mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing



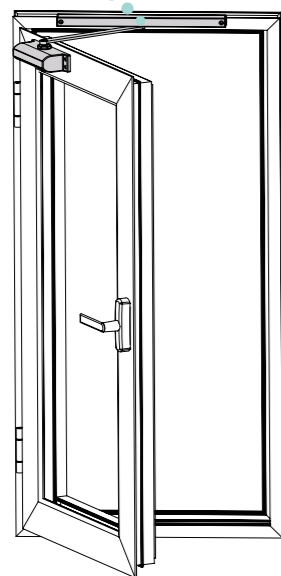
Hot-melt alloy device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	BBM10212	1	



BBM10512 Opening and closing controlling device of window sash

Functional Characteristic

Passed the national standard GB 16809
 Only for one-way opening, suitable for aluminum alloy refractory windows
open-in and Side-Hung window
 Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
 With manual window closing and holding function

Technical Parameters

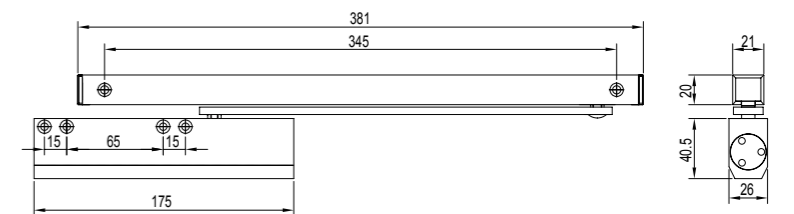
Location type	Hold can be anywhere
Window width	550~850mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>300,000 Cycles

Product Drawing



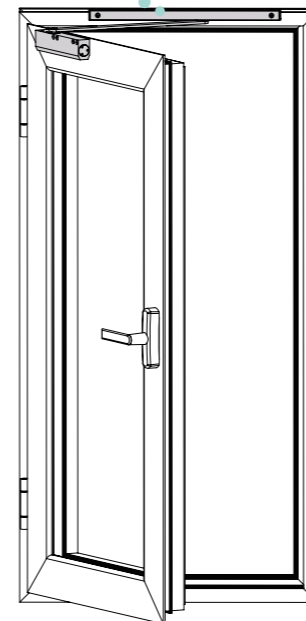
Thermal sensitive device

- ① Keep integrity after one hour on the outdoor side
- ② Automatically close window lock function within 1.0min at 74° ± 0.5°

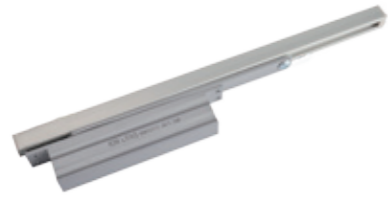


Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	BBM10512	1	



Opening and closing controlling device of window sash



BBM30212 Opening and closing controlling device of window sash

Functional Characteristic

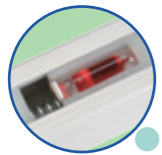
Passed the national standard GB 16809
 Won the national fire protection product certification
 Only for one-way opening, suitable for aluminum alloy refractory windows
open-in and Side-Hung window
 Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
 With manual window closing and holding function



Technical Parameters

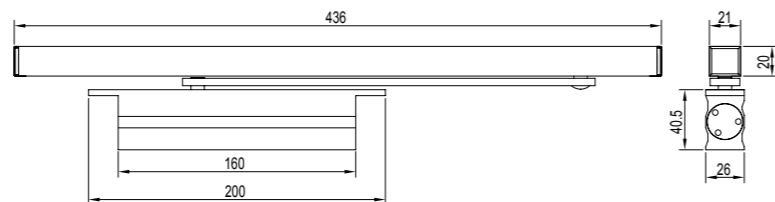
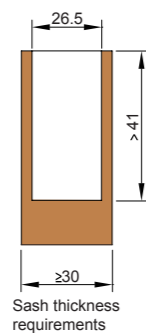
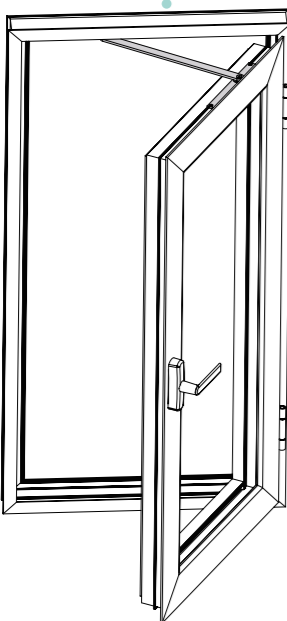
Location type	Hold can be anywhere
Window width	450~650mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>300,000 Cycles

Product Drawing



Thermal sensitive device

- Keep integrity after one hour on the outdoor side
- Automatically close window lock function within 1.0min at 74° ± 0.5°



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	BBM30212	1	

Opening and closing controlling device of window sash



BBM30312 Opening and closing controlling device of window sash

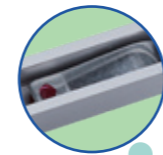
Functional Characteristic

Passed the national standard GB 16809
 Won the national fire protection product certification
 Only for one-way opening, suitable for aluminum alloy refractory windows
open-in and Side-Hung window
 Both left and right open-in and side -Hung windows can be used without distinguishing left and right windows
 With manual window closing and holding function

Technical Parameters

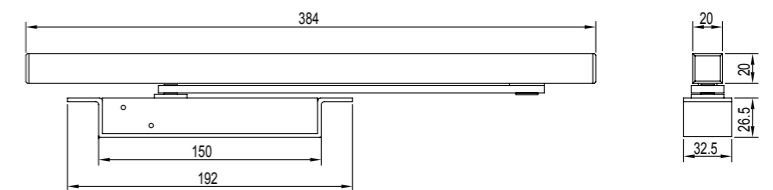
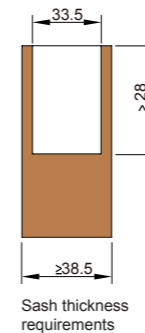
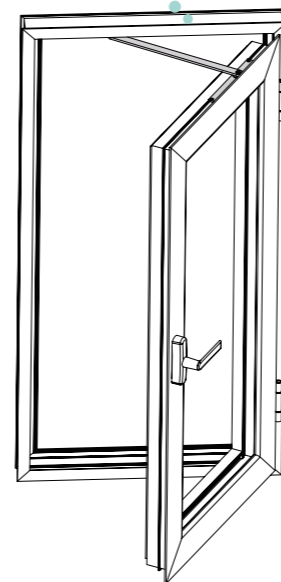
Location type	Hold can be anywhere
Window width	450~650mm
Maximum Loading	45kg
Maximum opening angle	90°
Surface treatment	Silver gray
Suitable Temperature	-20°C~50°C
Service life	>200,000 Cycles

Product Drawing



Hot-melt alloy device

- Keep integrity after one hour on the outdoor side
- Automatically close window lock function within 1.0min at 74° ± 0.5°



Aluminum open-in side-hung window refractory one hour, Hardware accessories matching table

Item	Name	Accessory code	Quantity	remark
1	Handle	CZS90	1	
2	Locking the transmission lever	LSCDG11	1	
3	Skewed lock	LKS11	1	
4	side transmission rod	N43	2	
5	Fire-resistant aluminum rod	NHG01-L	2	
6	lock plate	LSK43	2	
7	Hinge	LBHY22	2	optional
8	support block	LZCK02	2	
9	support block	LZCK03	2	
10	Opening and closing controlling device of window sash	BBM30312	1	

04

Door Glass Clamp



Glass Patch Fitting & Bracket List

No.	Code No	Product Name	Maximum Loading	Diagram	Glass Thickness	Door Height	Door Width
1	KMJ443	Patch fitting	100Kg		10~12mm	≤2600mm	≤900mm
2	KMJ112	Patch fitting	100Kg		10~12mm	≤2600mm	≤1000mm
3	KMJ113 KMJ123	Patch fitting	100Kg		10~12mm	≤2600mm	≤1000mm
4	KMJ115	Patch fitting	150Kg		12~15mm	≤2800mm	≤1200mm
5	KMJ117 KMJ127	Patch fitting	200Kg		15~22mm	≤3000mm	≤1300mm
6	KMJ118	Patch fitting	300Kg		19~22mm	≤3500mm	≤1500mm
7	KMJ333	Brackets	100Kg		10~15mm	≤2600mm	≤1000mm
8	KMJ344	Brackets	130Kg		10~15mm	≤2800mm	≤1100mm
9	KMJ354	Brackets	130Kg		10~15mm	≤2800mm	≤1100mm
10	KMJ356	Brackets	180Kg		>15~19mm	≤3000mm	≤1300mm
11	KMJ214	Long patch fitting	130Kg		10~12mm	≤2800mm	≤1200mm
12	KMJ215	Long patch fitting	150Kg		10~15mm	≤2800mm	≤1400mm
13	KMJ217	Long patch fitting	200Kg		10~19mm	≤3000mm	≤1400mm

Patch Series 100KG

Functional Characteristic

Suitable for swing glass door.
The decorative cover is fixed by inner hexagon screws; it can be used for left or right side. No need to distinguish left and right;
Work with concealed floor hinge (See P48)

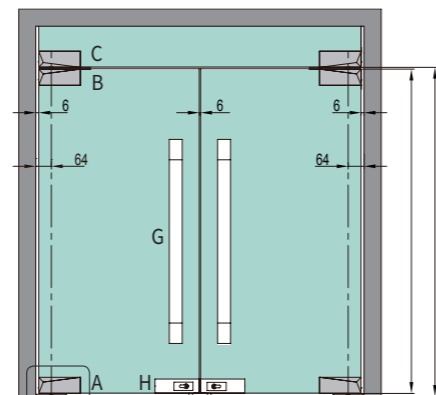
Technical Parameters

Maximum Bearing: 100kg
Glass Thickness: 10-12mm
Door width dimension: ≤900mm
Door height dimension: ≤2600mm

Main Material and Surface Finish

Main Material: Main body-- High strength die casted by aluminum alloy
Decorative cover--SS304
Surface Finish: Satin + Mirror

Installation Diagram



A: Concealed Floor Hinge B: Upper Patch
C: Top Patch G: Handle
H: Glass Door Lock [KMS11250 (10~12/21)]



Patch Series 100KG

Functional Characteristic

Suitable for side hung glass door.
The decorative cover is buckle-mounted.
It can be used for left or right side. No need to distinguish left and right;
The bottom patch works with floor hinge and lower shaft;
The supporting bending patch is KMJ11340

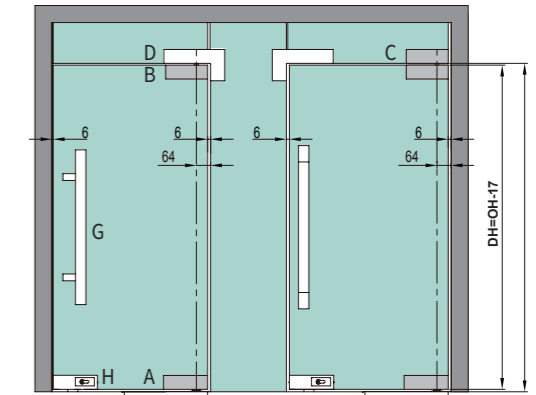
Technical Parameters

Maximum Bearing: 100kg Door width dimension: ≤1000mm
Glass Thickness: 10-12mm Door height dimension: ≤2600mm

Main Material and Surface Finish

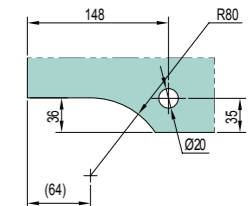
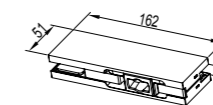
Main Material: Main body-- High strength die casted by aluminum alloy
Decorative cover--SS304
Surface Finish: Satin / Mirror

Installation Diagram

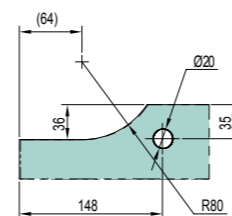
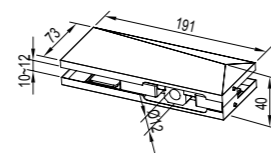


A: Bottom Patch B: Upper Patch C: Top Patch
D: Bending Patch G: Handle H: Glass Door Lock

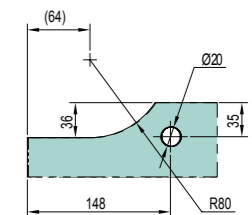
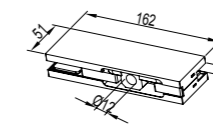
KMJ11210 Bottom Patch



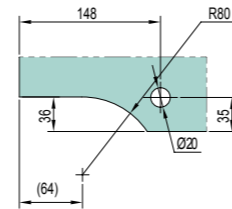
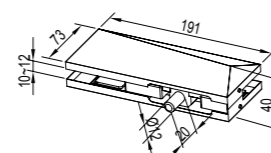
KMJ44320 Upper Patch



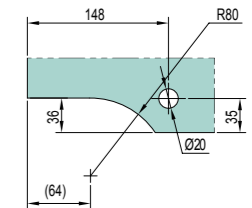
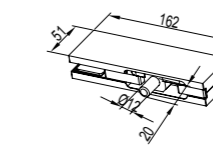
KMJ11220 Upper Patch



KMJ44330 Top Patch



KMJ11230 Top Patch

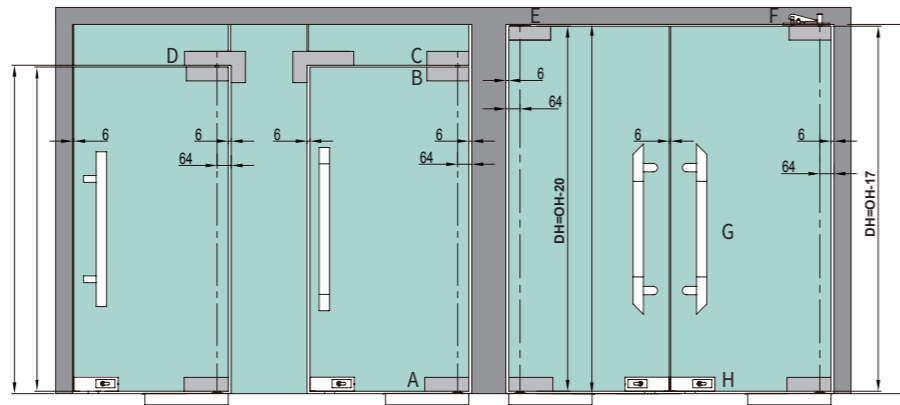


Patch Series 100KG

Functional Characteristic

Suitable for swing glass door.
The decorative cover is fixed by inner hexagon screws;
It can be used for left or right side.
No need to distinguish left and right;
The bottom patch works with floor hinge and lower shaft;
Spindle angle is 14° by default.

Installation Diagram



Technical Parameters

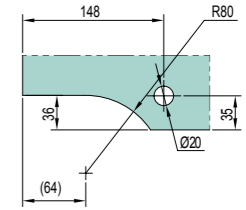
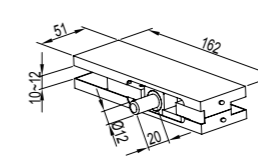
Maximum Bearing:	100kg
Glass Thickness:	10-12mm
Door width dimension:	≤1000mm
Door height dimension:	≤2600mm

Main Material and Surface Finish

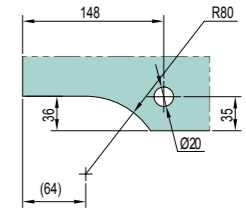
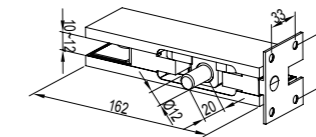
Main Material: Main body-- High strength die casted by aluminum alloy
Decorative cover--SS304
Surface Finish: Satin / Mirror

A: Bottom Patch
C: Top Patch
E: Peaking Shaft
G: Handle
B: Upper Patch
D: Bending Patch
F: Top Pivot Seat
H: Glass Door Lock

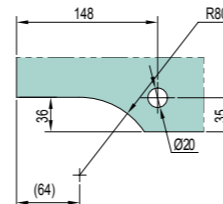
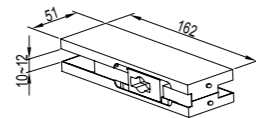
KMJ11330 Top Patch Previous Code M301



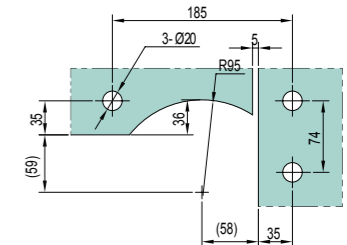
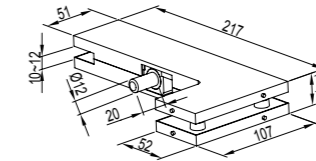
KMJ1133A Top Patch Previous Code M32



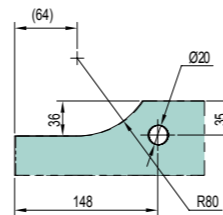
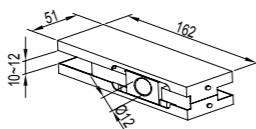
KMJ11310 Bottom Patch Previous Code M101



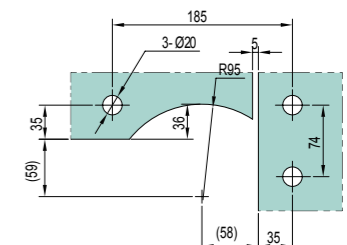
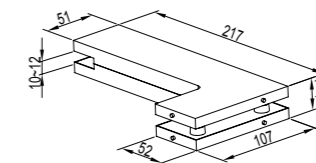
KMJ11340 Bending Patch Previous Code M401



KMJ11320 Upper Patch Previous Code M201

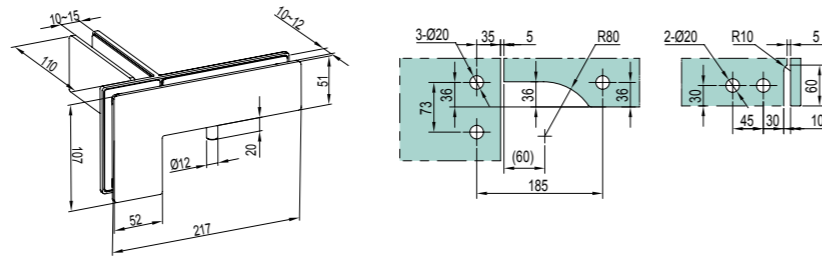


KMJ1134A Bending Patch Previous Code M401A



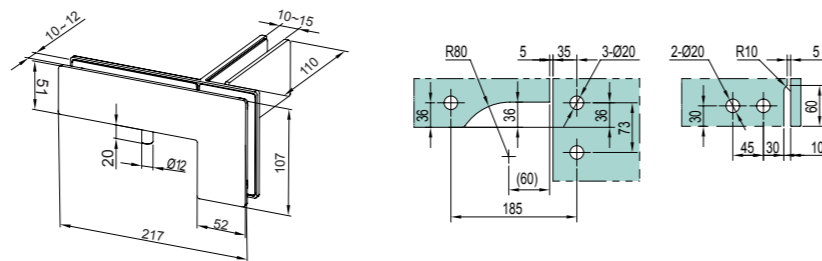
Patch Series 100KG

KMJ1136L F-shape Patch
Previous Code M60L



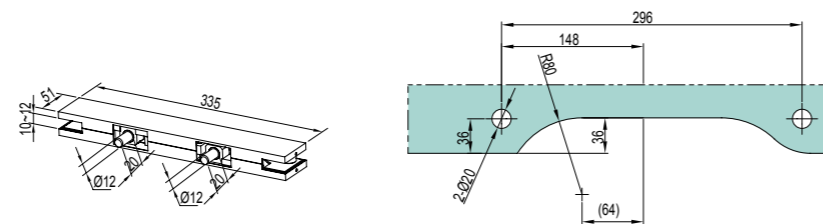
Note: The facade glass thickness is 10~12mm and the fin glass thickness is 10~15mm.

KMJ1136R F-shape Patch
Previous Code M60R

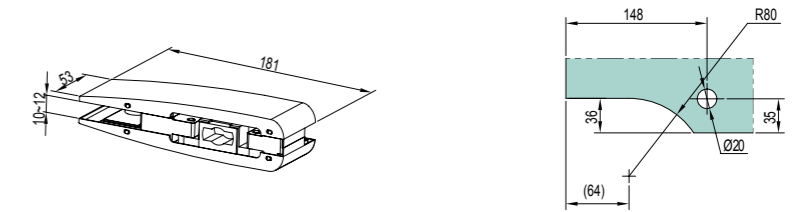


Note: The facade glass thickness is 10~12mm and the fin glass thickness is 10~15mm.

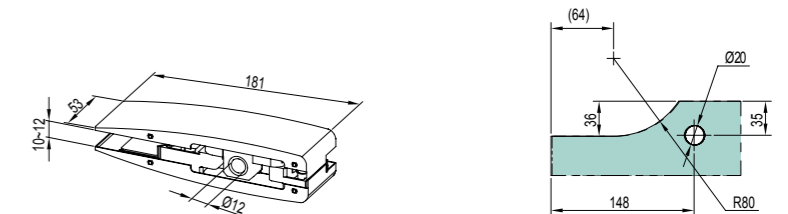
KMJ11380 Linear-shape patch fitting
Previous Code M51



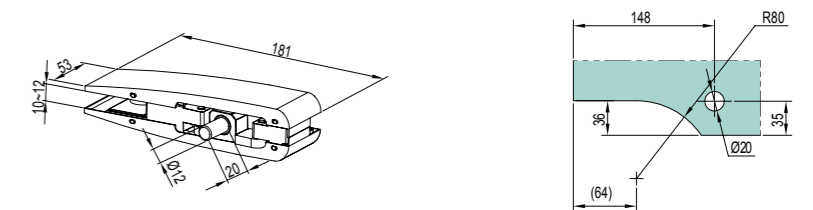
KMJ12310 Bottom Patch
Previous Code YM11



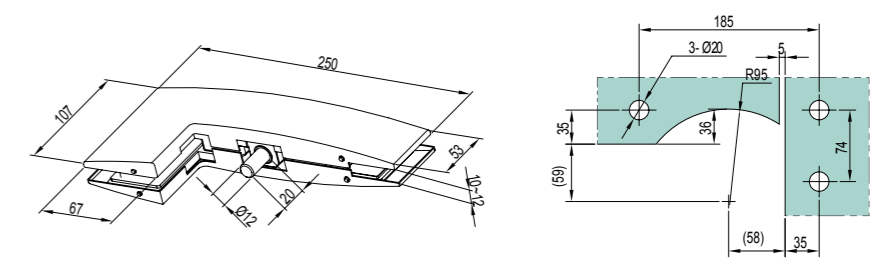
KMJ12320 Upper Patch
Previous Code YM21



KMJ12330 Top Patch
Previous Code YM31



KMJ12340 Bending Patch
Previous Code YM41



Patch Series 150KG

Functional Characteristic

Suitable for swing glass door.
The decorative cover is fixed by inner hexagon screws;
It can be used from left or right side.
No need to distinguish left and right;
The bottom patch works with floor hinge and lower shaft;
Spindle angle is 14° by default.

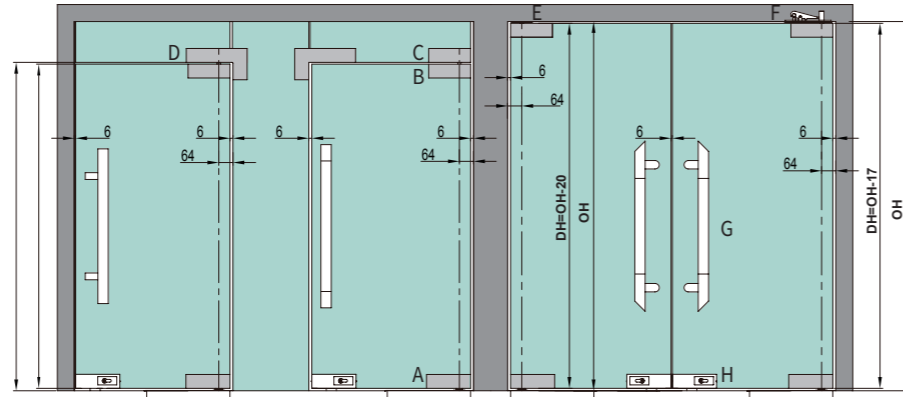
Technical Parameters

Maximum Bearing:	150kg
Glass Thickness:	12、15mm
Door width dimension:	≤1200mm
Door height dimension:	≤2800mm

Main Material and Surface Finish

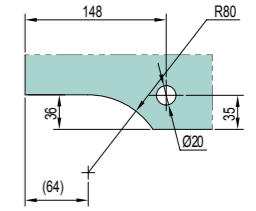
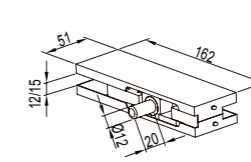
Main Material: Main body-- High strength die casted by aluminum alloy
Decorative cover--SS304
Surface Finish: Satin / Mirror

Installation Diagram

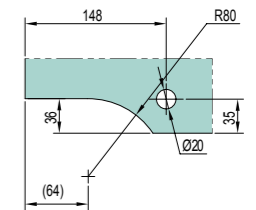
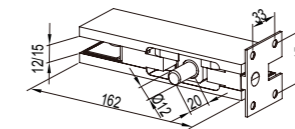


- A: Bottom Patch
- B: Upper Patch
- C: Top Patch
- D: Bending Patch
- E: Peaking Shaft
- F: Top Pivot Seat
- G: Handle
- H: Glass Door Lock

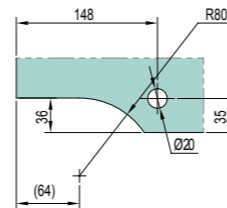
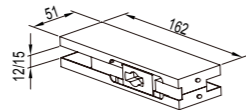
KMJ11530 Top Patch Previous Code M302



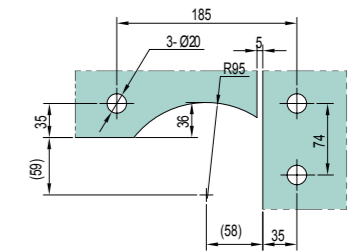
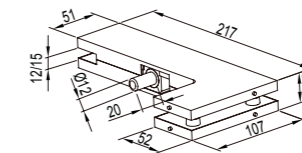
KMJ1153A Top Patch Previous Code M302A



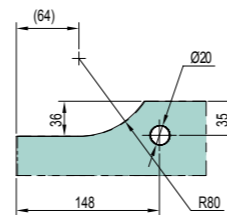
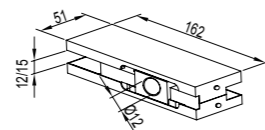
KMJ11510 Bottom Patch Previous Code M102



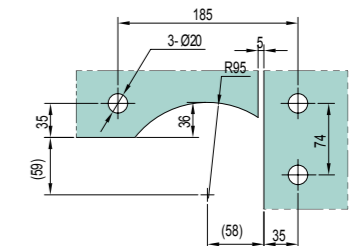
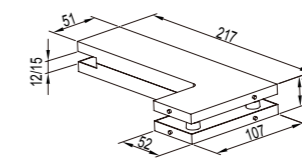
KMJ11540 Bending Patch Previous Code M402



KMJ11520 Upper Patch Previous Code M202



KMJ1154A Bending Patch Previous Code M402A



Patch Series 200KG

Functional Characteristic

Suitable for swing glass door.
The decorative cover is fixed by inner hexagon screws;
It can be used from left or right side.
No need to distinguish left and right;
The bottom patch works with floor hinge and lower shaft;
Spindle angle is 14° by default.

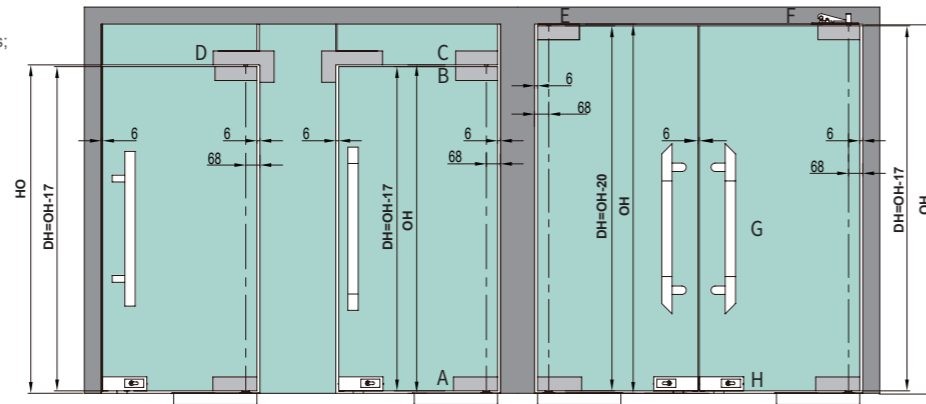
Technical Parameters

Maximum Bearing:	200kg
Glass Thickness:	15-22mm
Door width dimension:	≤1300mm
Door height dimension:	≤3000mm

Main Material and Surface Finish

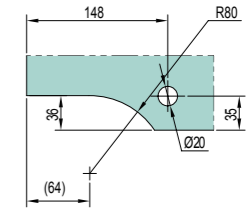
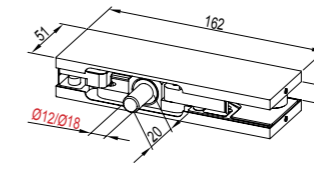
Main Material: Main body-- Precision Casting Stainless Steel
Decorative cover--SS304
Surface Finish: Satin / Mirror

Installation Diagram



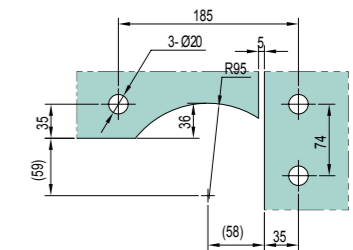
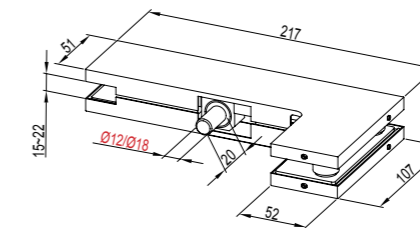
- A: Bottom Patch
- C: Top Patch
- E: Peaking Shaft
- G: Handle
- B: Upper Patch
- D: Bending Patch
- F: Top Pivot Seat
- H: Glass Door Lock

KMJ11730 Top Patch Previous Code FM303/FM304



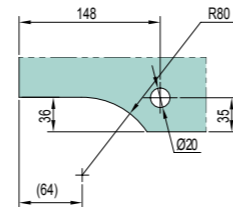
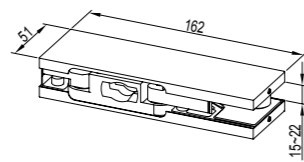
Note: Pay attention to the specifications of the matching shaft diameter when selecting

KMJ11740 Bending Patch Previous Code FM403/FM404

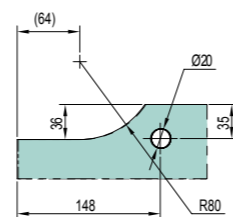
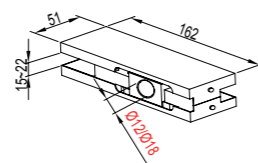


Note: Pay attention to the specifications of the matching shaft diameter when selecting

KMJ11710 Bottom Patch Previous Code FM103

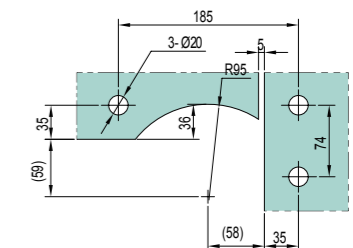
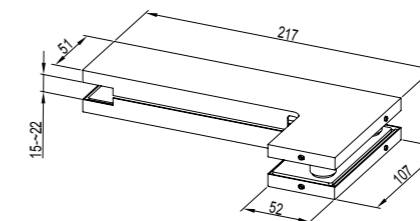


KMJ11720 Upper Patch Previous Code FM203/FM204



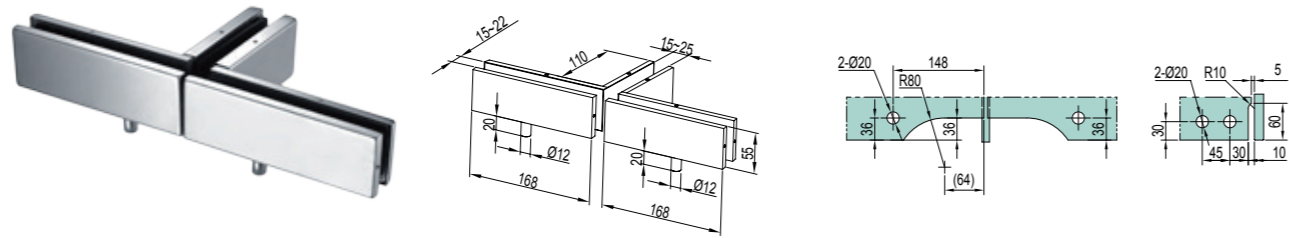
Note: Pay attention to the specifications of the matching shaft diameter when selecting

KMJ1174A Bending Patch Previous Code FM403A



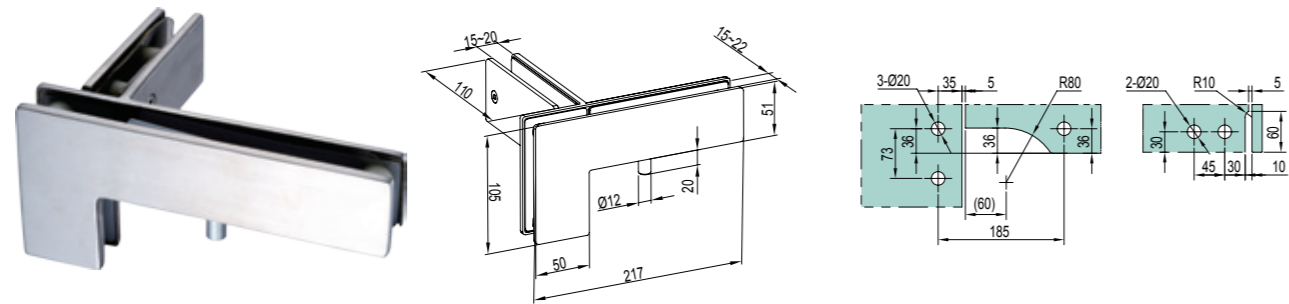
Patch Series 200KG

KMJ11850 T-shape Patch



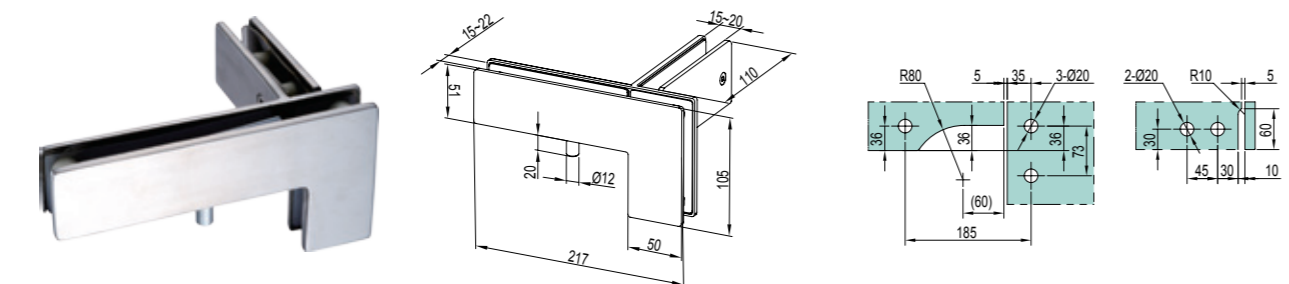
Note: The facade glass thickness is 15~22mm and the fin glass thickness is 15~25mm.

KMJ1186L F-shape Patch
Previous Code FM62L



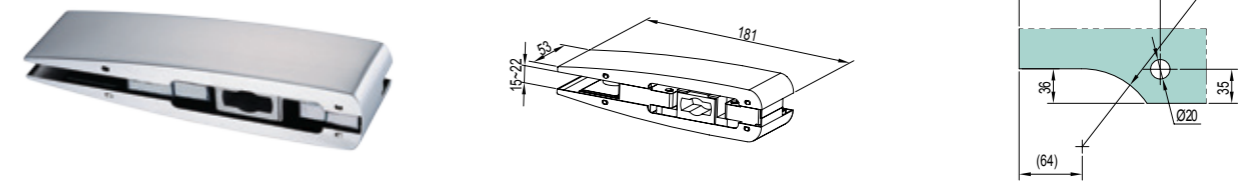
Note: The facade glass thickness is 15~22mm and the fin glass thickness is 15~20mm.

KMJ1186R F-shape Patch
Previous Code FM62R

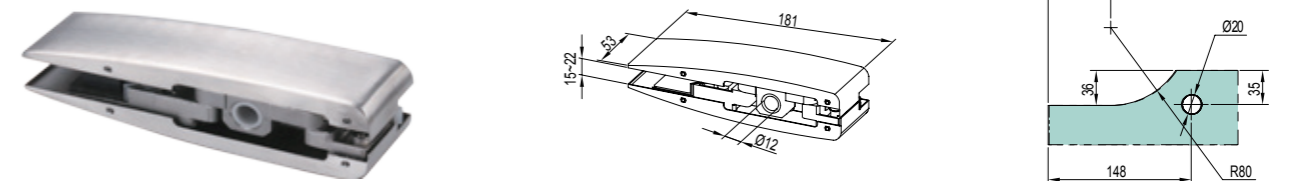


Note: The facade glass thickness is 15~22mm and the fin glass thickness is 15~20mm.

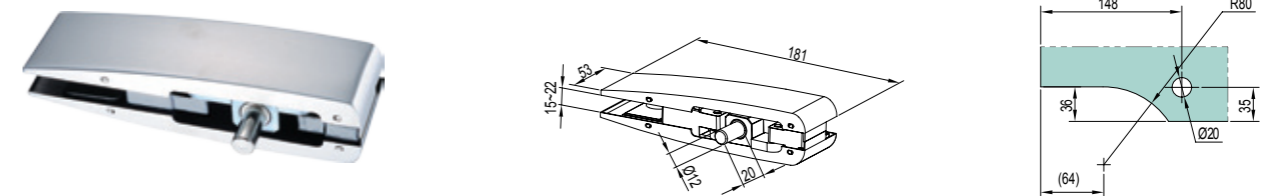
KMJ12710 Bottom Patch
Previous Code YM101



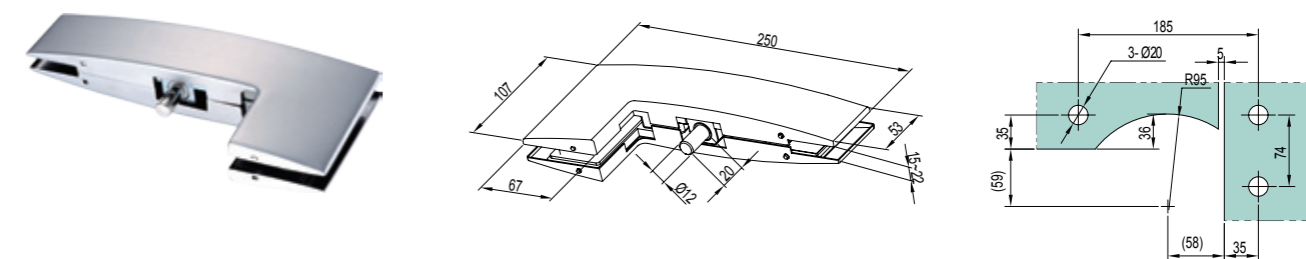
KMJ12720 Upper Patch
Previous Code YM201



KMJ12730 Top Patch
Previous Code YM301



KMJ12740 Bending Patch
Previous Code YM401



Patch Series 300KG

Functional Characteristic

- Suitable for swing glass door;
- The decorative cover is fixed by inner hexagon screws;
- It can be used from left or right side side; No need to distinguish left and right;
- The bottom patch works with floor hinge and lower shaft; Factory standard angle is 14° by default.

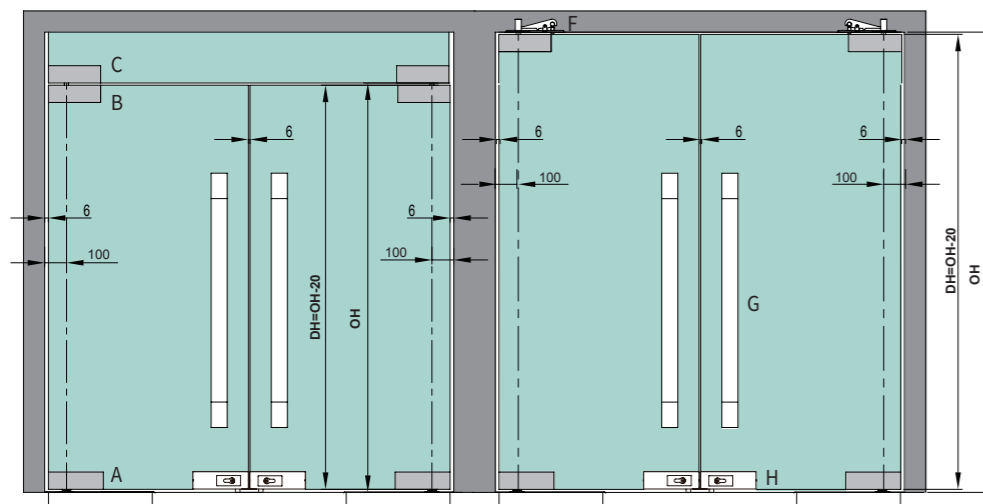
Technical Parameters

- Maximum Bearing: 300kg
- Glass Thickness: 19-22mm
- Door width dimension: ≤1500mm
- Door height dimension: ≤3500mm

Main Material and Surface Finish

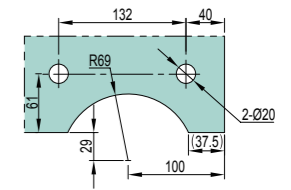
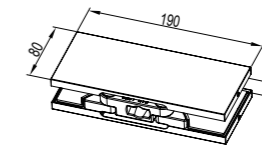
- Main Material: Main body-- Precision Casting Stainless Steel
- Decorative cover--SS304
- Surface Finish: Satin

Installation Diagram

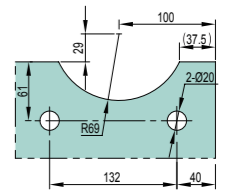
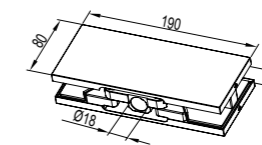


- A: Bottom Patch
- B: Upper Patch
- C: Top Patch
- F: Top Pivot Seat
- G: Handle
- H: Glass Door Lock

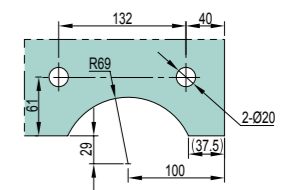
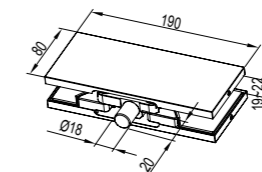
KMJ11810 Bottom Patch



KMJ11820 Upper Patch



KMJ11830 Top Patch



Bracket Series 100KG

Functional Characteristic

Suitable for swing glass door;
The decorative cover is fixed by inner hexagon screws; It can be opened from left or right;
No need to distinguish left and right;
The bottom patch cooperates with floor hinge and lower shaft;
Factory standard angle is 14° by default.

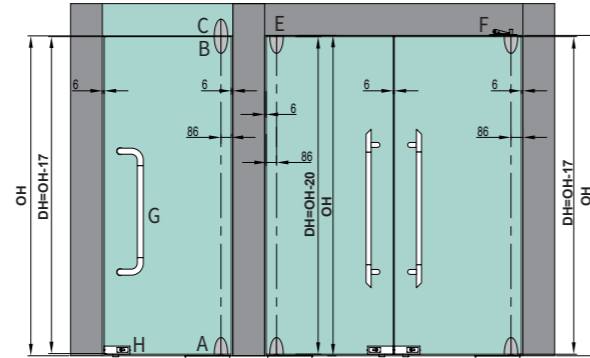
Technical Parameters

Maximum Bearing: 100kg
Glass Thickness: 10-15mm
Door width dimension: ≤1000mm
Door height dimension: ≤2600mm

Main Material and Surface Finish

Main Material: Main body-- Precision Casting Aluminium Alloy
Decorative cover--SS304
Surface Finish: Satin / Mirror

Installation Diagram



A: Bottom Bracket B: Upper Bracket C: Top Bracket
E: Peaking Shaft F: Top Pivot Seat G: Handle
H: Glass Door Lock

Bracket Series 130KG

Functional Characteristic

Suitable for swing glass door.
It can be used from left or right side; No need to distinguish left and right;
The bottom bracket cooperates with floor hinge and lower shaft;
Factory standard angle is 14° by default.

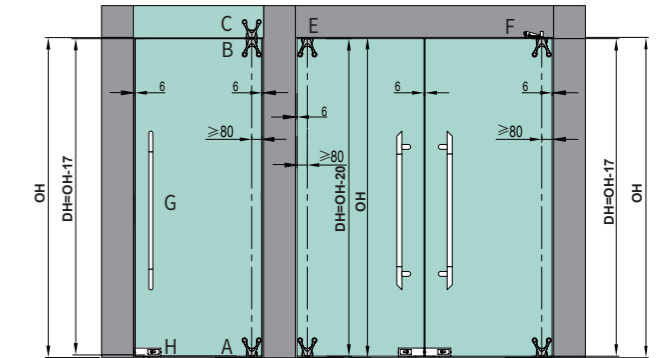
Technical Parameters

Maximum Bearing: 130kg
Glass Thickness: 10-15mm
Door width dimension: ≤1100mm
Door height dimension: ≤2800mm

Main Material and Surface Finish

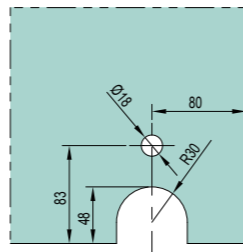
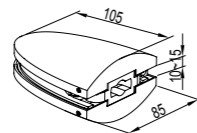
Main Material: Main body-- Precision Casting Stainless Steel 304
Surface Finish: Satin / Mirror

Installation Diagram



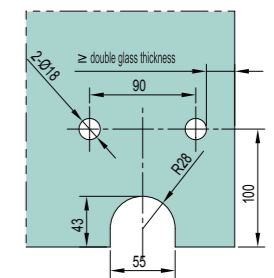
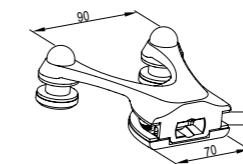
A: Bottom Bracket B: Upper Bracket C: Top Bracket
E: Peaking Shaft F: Top Pivot Seat G: Handle
H: Glass Door Lock

KMJ33310 Bottom Bracket

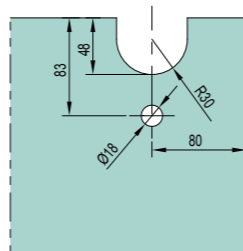
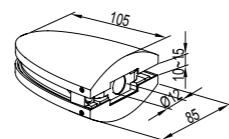


KMJ34410 Bottom Bracket

Previous Code Y408

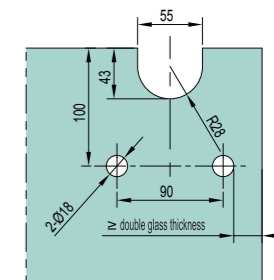
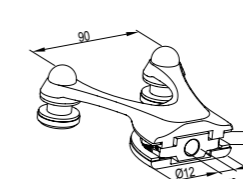


KMJ33320 Upper Bracket

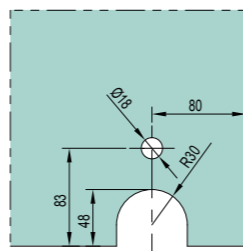
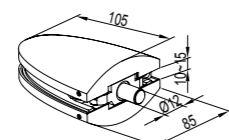


KMJ34420 Upper Bracket

Previous Code Y409

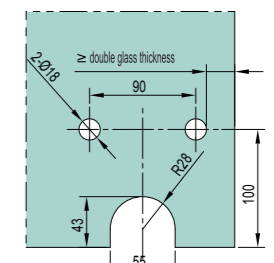
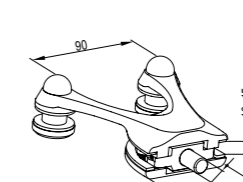


KMJ33330 Top Bracket



KMJ34430 Top Bracket

Previous Code Y410



Bracket Series 130KG

Functional Characteristic

Suitable for swing glass door
 It can be used from left or right side side; No need to distinguish left and right;
 The bottom bracket cooperates with floor hinge and lower shaft; Spindle angle is 14° by default;
 The length of the long bracket is customized according to engineering requirements.

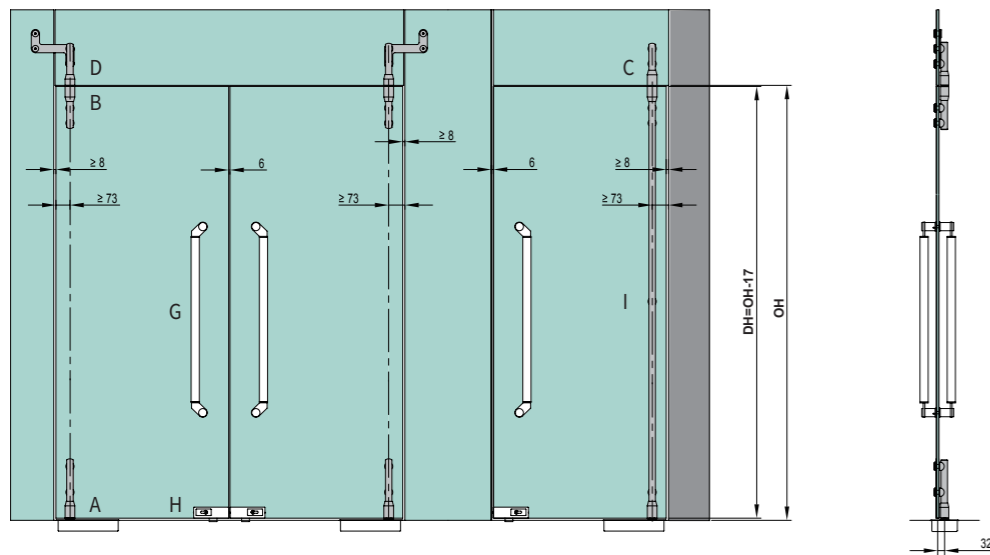
Technical Parameters

Maximum Bearing: 130kg
 Glass Thickness: 10-15mm
 Door width dimension: ≤1100mm
 Door height dimension: ≤2800mm

Main Material and Surface Finish

Main Material: Main body-- Precision Casting Stainless Steel 304
 Surface Finish: Satin / Mirror

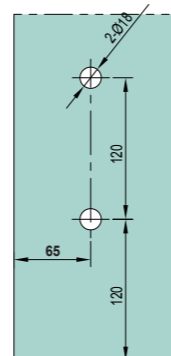
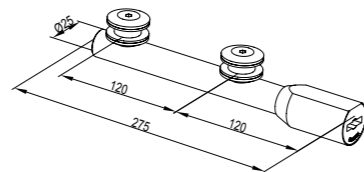
Installation Diagram



- A: Bottom Bracket
- B: Upper Bracket
- C: Top Bracket
- D: Bending Bracket
- G: Handle
- H: Glass Door Lock
- I: Long Bracket

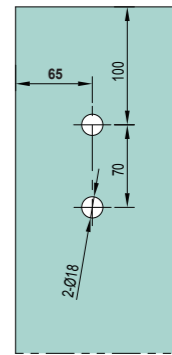
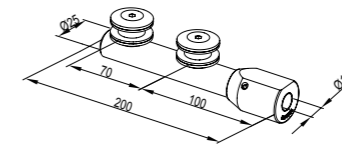
KMJ35410 Bottom Bracket

Previous Code Y801F



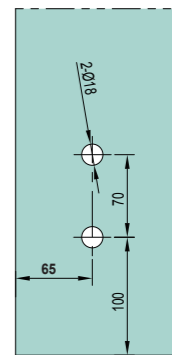
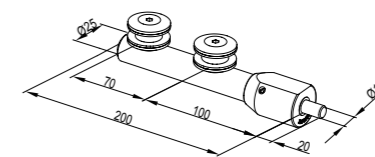
KMJ35420 Upper Bracket

Previous Code Y802F



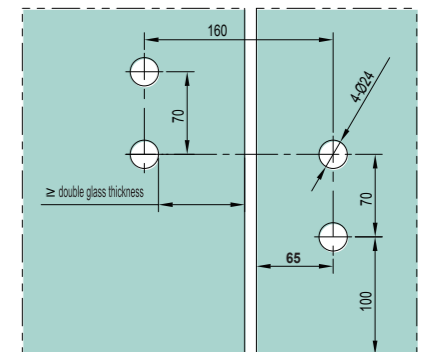
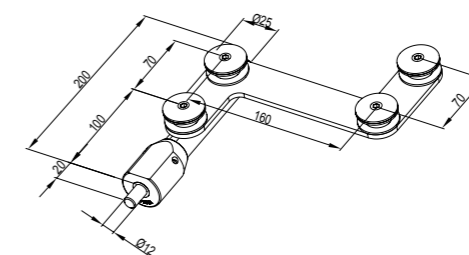
KMJ35430 Top Bracket

Previous Code Y803F



KMJ35440 Bending Bracket

Previous Code Y804F



Bracket Series 180KG

Functional Characteristic

Suitable for swing glass door,
It can be used from left or right side side; No need to distinguish left and right;
The bottom bracket cooperates with floor hinge and lower shaft;
Spindle angle is 14° by default;
The length of the long bracket is customized according to engineering requirements.

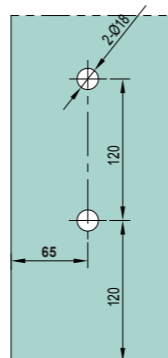
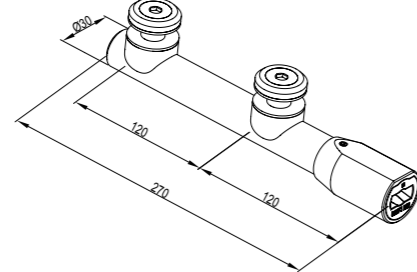
Technical Parameters

Maximum Bearing: 180kg
Glass Thickness: >15-19mm
Door width dimension: ≤1300mm
Door height dimension: ≤3000mm

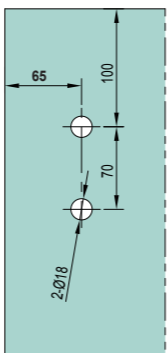
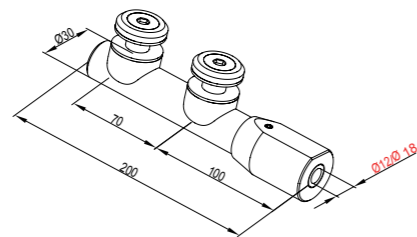
Main Material and Surface Finish

Main Material: Main body-- Precision Casting Stainless Steel 304
Surface Finish: Satin/ Mirror

KMJ35610 Bottom Bracket Previous Code Y901F

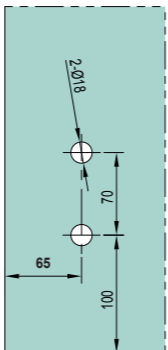
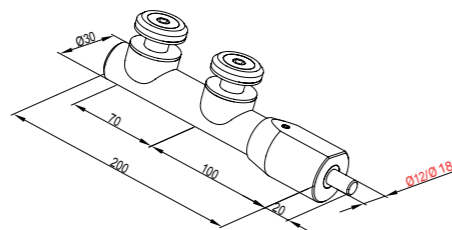


KMJ35620 Upper Bracket



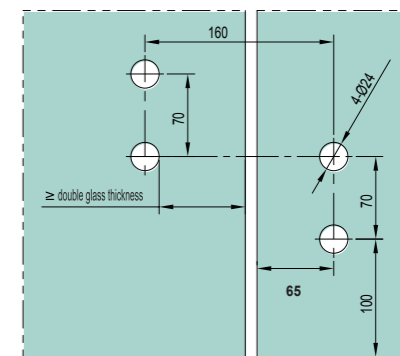
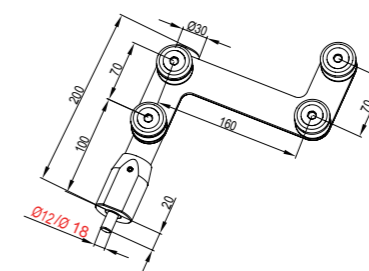
Note: Pay attention to the specifications of the matching shaft diameter when selecting

KMJ35630 Top Bracket



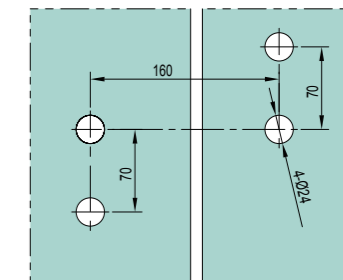
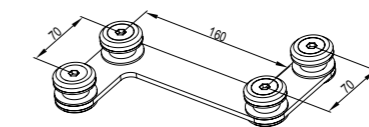
Note: Pay attention to the specifications of the matching shaft diameter when selecting

KMJ35640 Bending Bracket

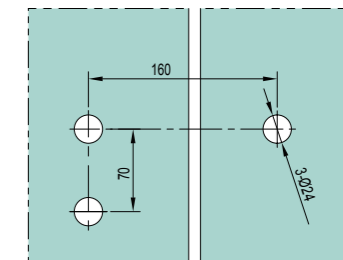
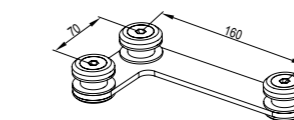


Note: Pay attention to the specifications of the matching shaft diameter when selecting

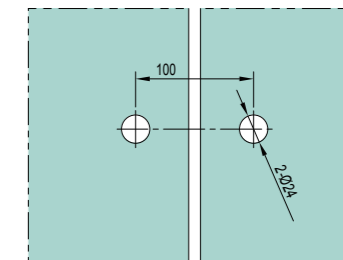
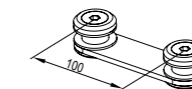
KMJ36080 Z-shape Bracket Previous Code Y905F



KMJ3608A L-shape Bracket Previous Code Y906F



KMJ3608B —-shape Bracket Previous Code Y908F



Long Patch Series 130KG

Functional Characteristic

Suitable for swing glass door;
 It can be used from left or right side side; No need to distinguish left and right;
 The inner and outer clips of the main body are separated structures
 No need to cut out glass;
 The bottom patch works with floor hinge and lower shaft; Spindle angle is 14° by default;
 Glass door width DW is needed when ordering.

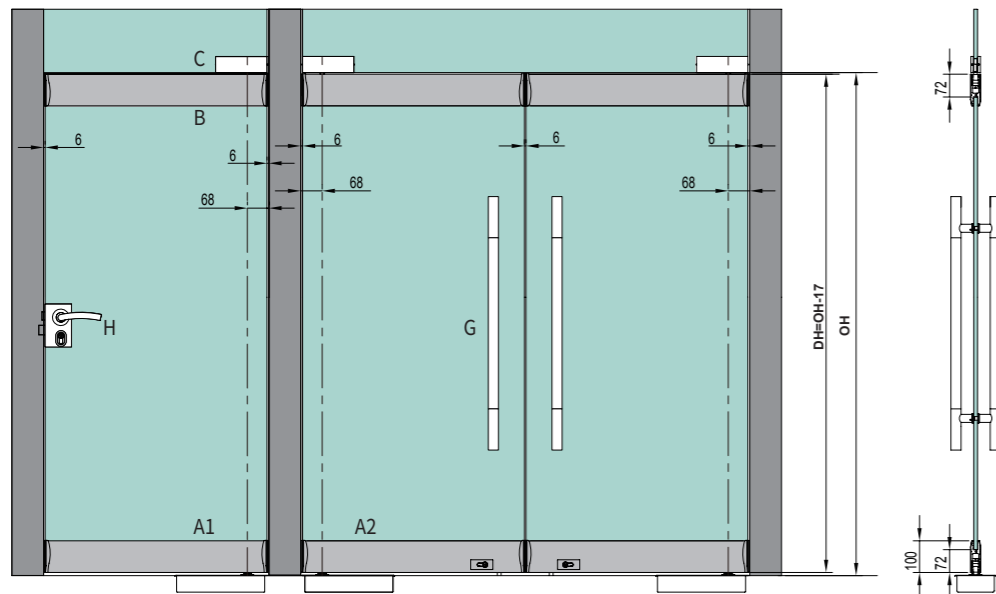
Technical Parameters

Maximum Bearing: 130kg
 Glass Thickness: 10-12mm
 Door width dimension: ≤1200mm
 Door height dimension: ≤2800mm

Main Material and Surface Finish

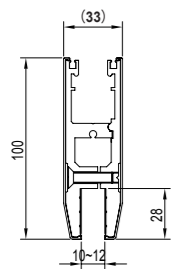
Main Material: The main body and decorative cover are made of high strength extrusion aluminum alloy.
 Surface Finish: silvery white sandblasting oxidation

Installation Diagram

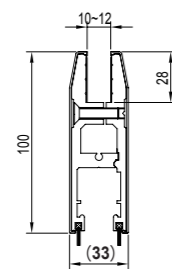


A1: Bottom Patch
 A2: Bottom patch with lock
 B: Upper Patch
 C: Top Patch
 G: Handle
 H: Glass Door Lock

The laying-off of glass door leaf height = Doorway height - 2*72-17
 (Sum of upper and lower door slots)
 L (Total length of the patch) = DW (Glass door width) + 4mm



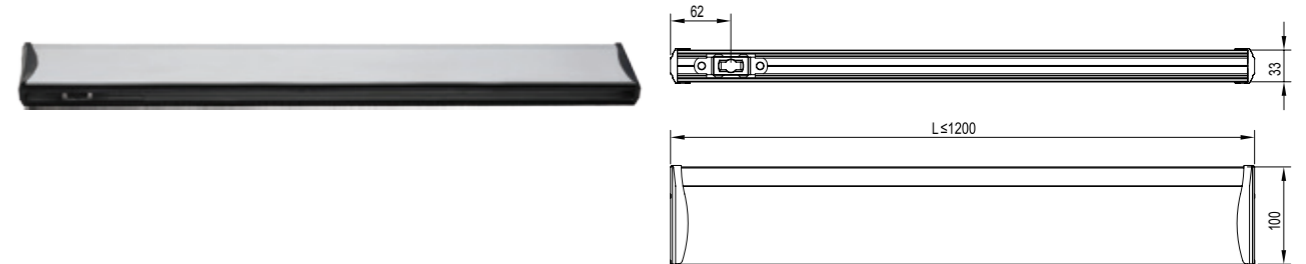
Upper patch sectional view



Bottom patch sectional view

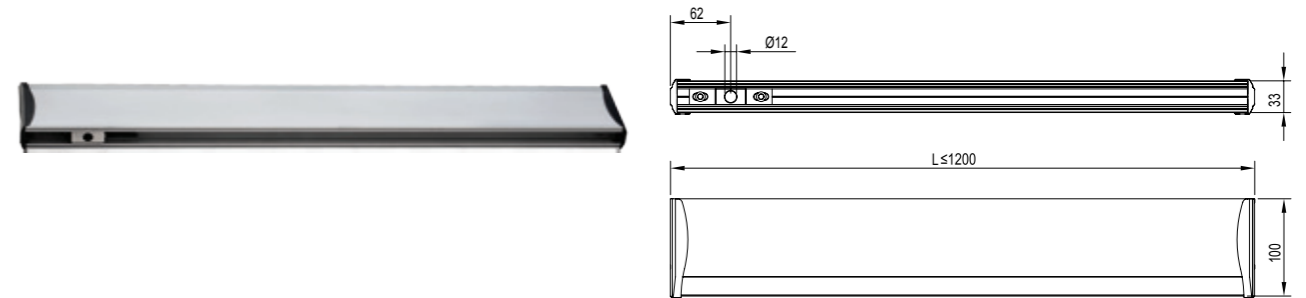
KMJ21410 Bottom Patch

Previous Code CM12



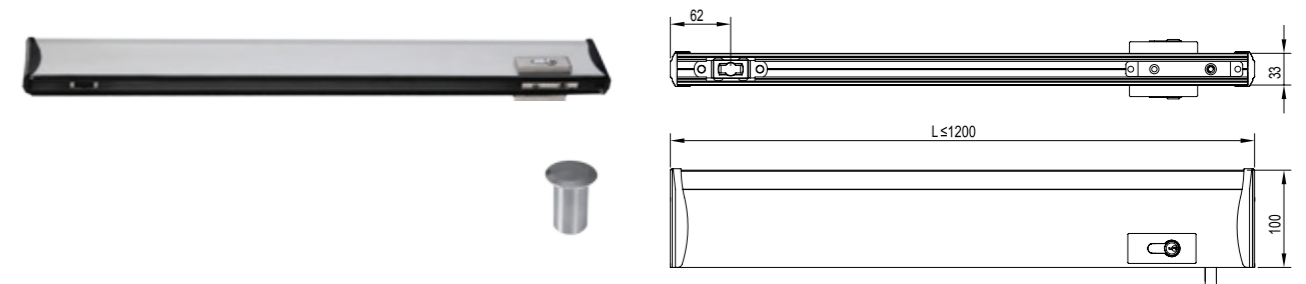
KMJ21420 Upper Patch

Previous Code CM22



KMJ21400 Bottom patch with lock

Previous Code CMS14



Long Patch Series 150KG

Functional Characteristic

- Suitable for swing glass door;
- It can be used from left or right side side; No need to distinguish left and right;
- The main body is an integrated structure
- No need to cut out glass;
- The bottom patch works with floor hinge and lower shaft; Spindle angle is 14° by default;
- Glass door width DW is needed when ordering.

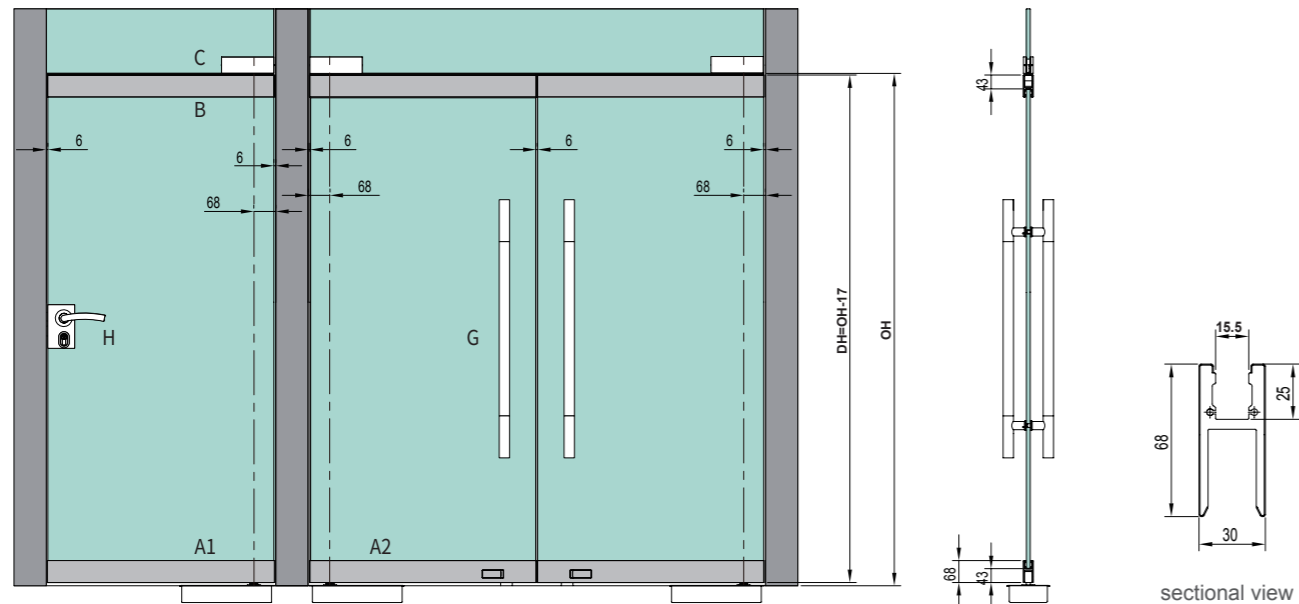
Technical Parameters

- Maximum Bearing: 150kg
- Glass Thickness: 10-15mm
- Door width dimension: ≤1400mm
- Door height dimension: ≤2800mm

Main Material and Surface Finish

- Main Material: Main body is made of the high strength extrusion aluminum alloy, Decorative cover is made of the SS304
- Surface Finish : Satin

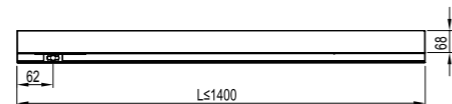
Installation Diagram



- A1: Bottom Patch
 - A2: Bottom patch with lock
 - B: Upper Patch
 - C: Top Patch
 - G: Handle
 - H: Glass Door Lock
- The laying-off of glass door leaf height = Doorway height - 2*43-17
(Sum of upper and lower door slots)
- L (Total length of the patch) = DW (Glass door width) + 3mm

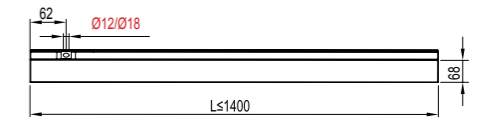
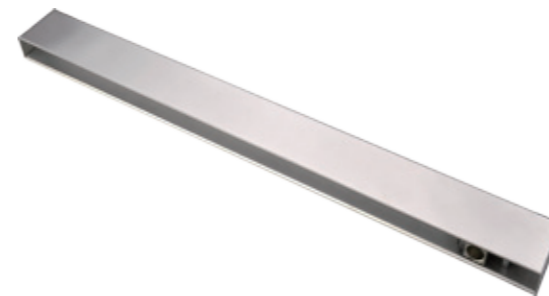
KMJ21510 Bottom Patch

Previous Code CM10



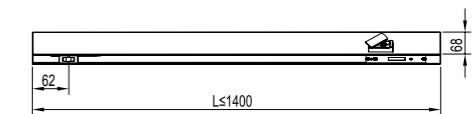
KMJ21520 Upper Patch

Previous Code CM201



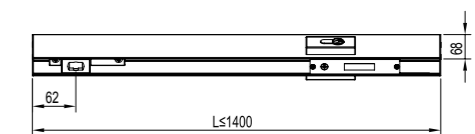
KMJ21500 Bottom patch with lock

Previous Code CMS10



KMJ2150A Bottom patch with lock

Previous Code CMS12



Long Patch Series 200KG

Functional Characteristic

Suitable for side hung glass door
 It can be used from left or right side side; No need to distinguish left and right;
 The main body is an integrated structure
 No need to cut out glass;
 The bottom patch works with floor hinge and lower shaft; Spindle angle is 14° by default;
 Glass door width DW is needed when ordering.

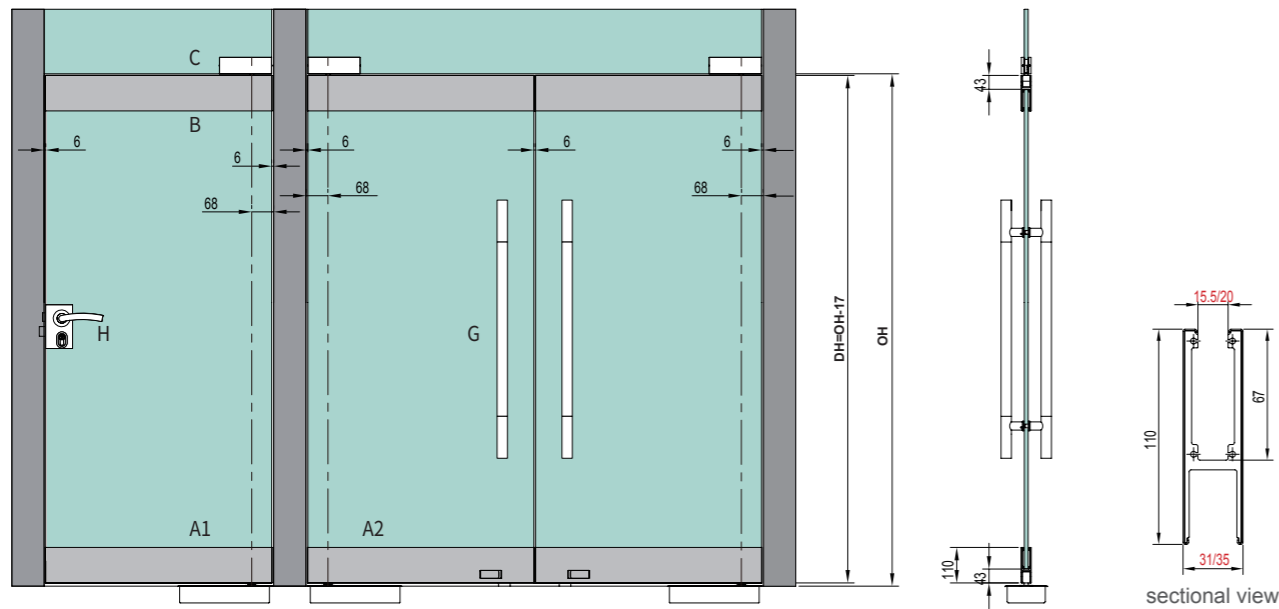
Technical Parameters

Maximum Bearing: 200kg
 Glass Thickness: 10-19mm
 Door width dimension: ≤1400mm
 Door height dimension: ≤3000mm

Main Material and Surface Finish

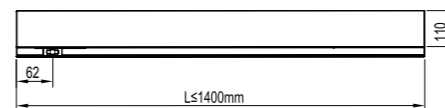
Main Material: Main body is made of the high strength extrusion aluminum alloy,
 Decorative cover is made of the SS304
 Surface Finish: Satin

Installation Diagram

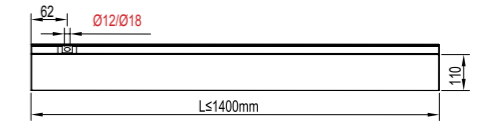


A1: Bottom Patch A2: Bottom patch with lock The laying-off of glass door leaf height = Doorway height - 2*43-17
 B: Upper Patch C: Top Patch (Sum of upper and lower door slots)
 G: Handle H: Glass Door Lock L (Total length of the patch) = DW (Glass door width) + 3mm

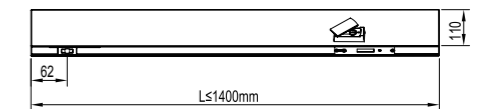
KMJ21710 Bottom Patch



KMJ21720 Upper Patch



KMJ21700 Bottom patch with lock



KMJ2170A Bottom patch with lock



05

Door Lock



Glass Door Lock Series

Functional Characteristic

- Suitable for the swing glass door;
- Locking and opening by keys both inside and outside;
- Suitable for glass single or double door;
- For the double doors with the center door lock, glass door latch is needed.

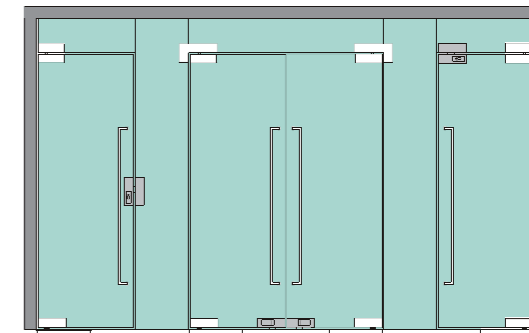
Technical Parameters

Glass Thickness: KMS11210/KMS11240	10~19mm
KMS11250/KMS11270	10~15mm
KMS11230	10~22mm

Main Material and Surface Finish

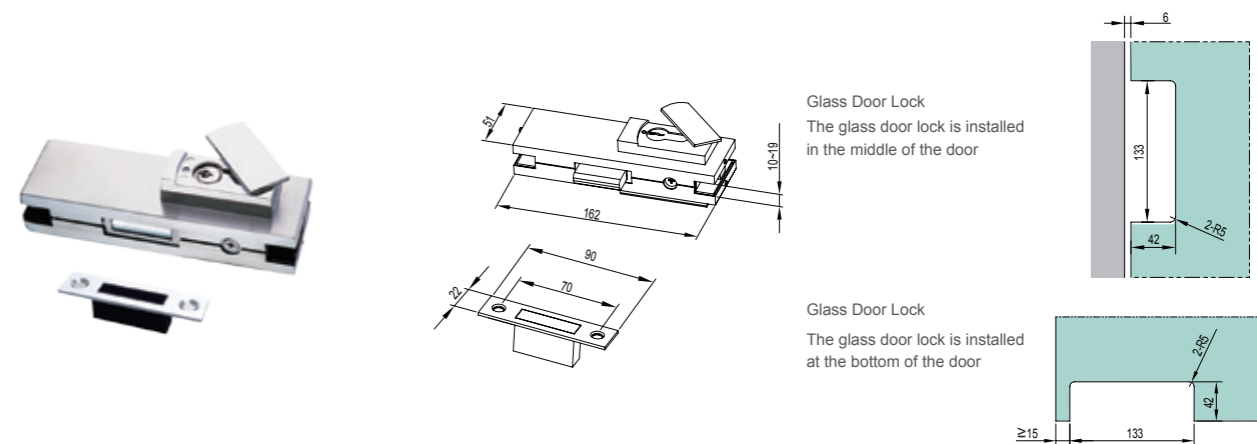
- Main Material: The inner core is made of the high strength aluminum alloy
- Decorative cover is made of the S.S 304
- Surface Finish: Satin / Mirror

Installation Diagram

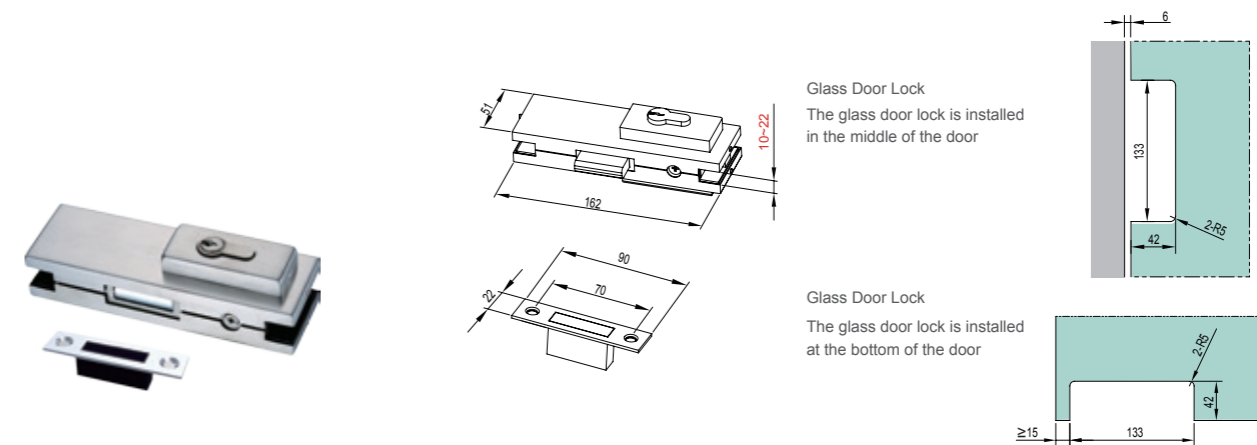


KMS11210 Glass Door Lock

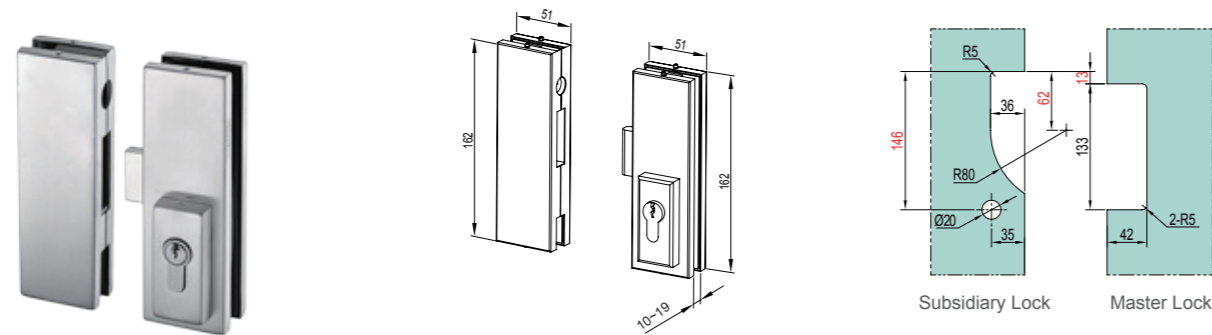
Previous Code S10



KMS11230 Mechanical Lock

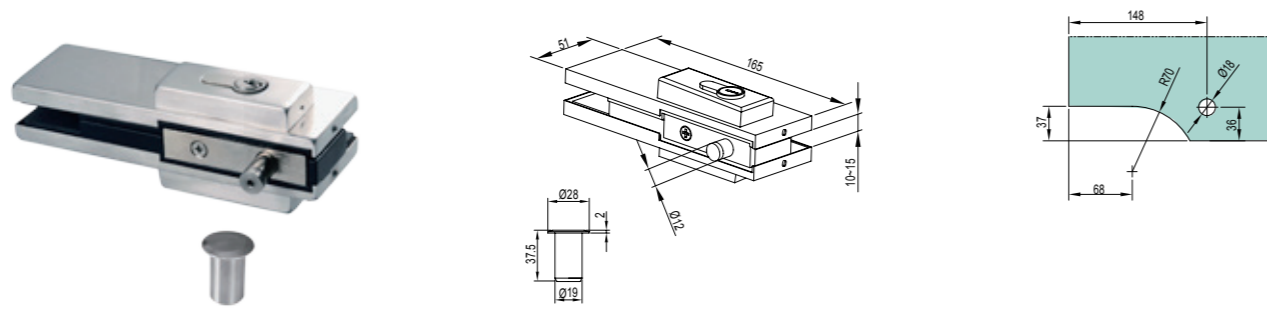


KMS11240 Glass Door Lock



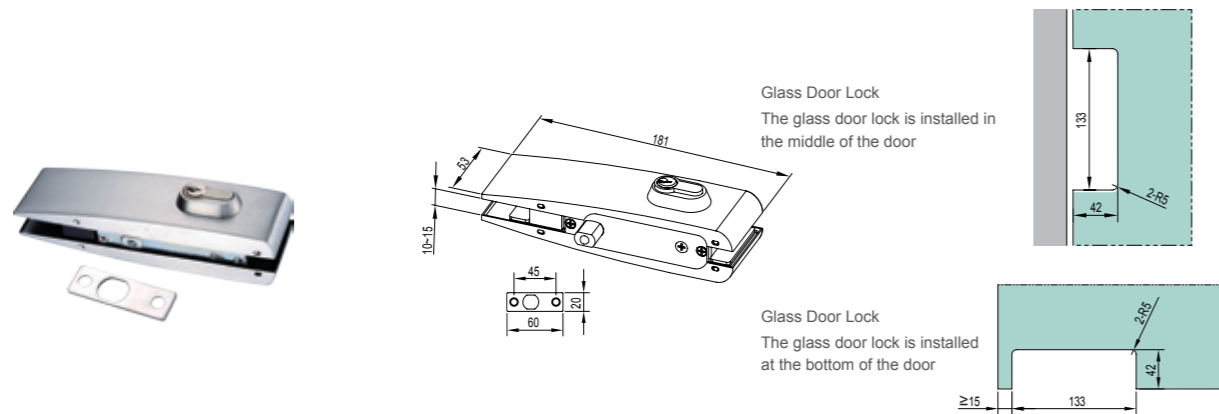
Note: Note: Glass opening pattern has been changed in 2018.

KMS11250 Glass Door Lock
Previous Code S110A



Dust-proof tube can be equipped with adjustable dust-proof tube KMS51230-01

KMS11270 Glass Door Lock
Previous Code YS102



Glass Door Lock Series

Functional Characteristic

- Suitable for swing glass door;
- Opening and locking by the rotary knob inside and by key outside
- Suitable for glass single or double door
- For the double door with the center door lock, glass door latch is needed.

Technical Parameters

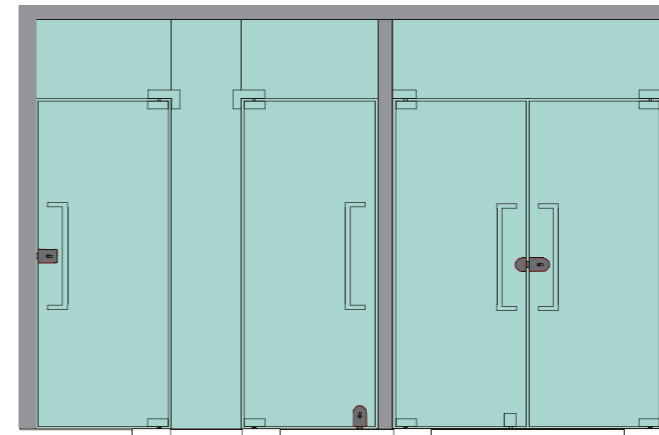
Glass Thickness: 10~19mm

Main Material and Surface Finish

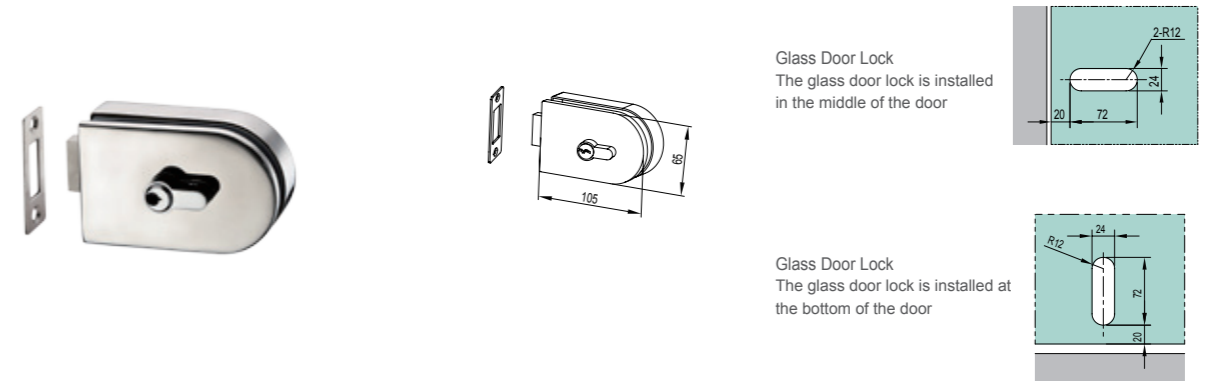
Main Material: Decorative cover is made of the S.S 304

Surface Finish: Satin / Mirror

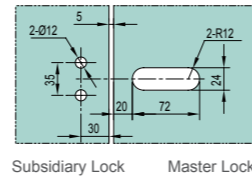
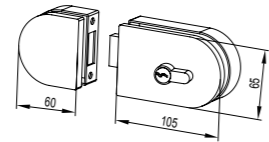
Installation Diagram



KMS21110 Glass Door Lock
Previous Code BS205



KMS21120 Glass Door Lock
Previous Code BS206



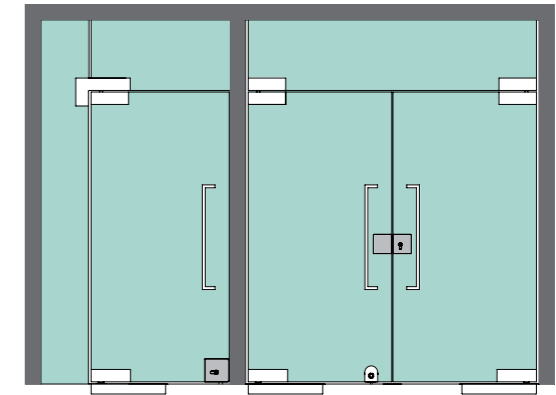
Subsidiary Lock Master Lock

Glass Door Lock Series

Functional Characteristic

- Suitable for swing glass door;
- Locking and opening by keys both inside and outside;
- Suitable for glass single or double door
- For the double door with the center door lock, glass door latch is needed.

Installation Diagram



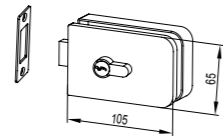
Technical Parameters

Glass Thickness: 10~12mm

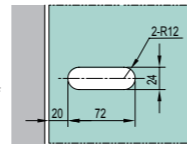
Main Material and Surface Finish

Main Material: Decorative cover is made of the S.S 304
Surface Finish: Satin / Mirror

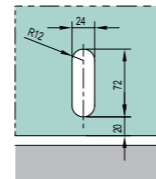
KMS21130 Glass Door Lock
Previous Code BS305



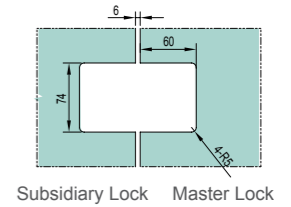
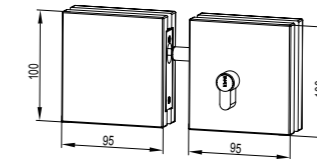
Glass Door Lock
The glass door lock is installed in the middle of the door



Glass Door Lock
The glass door lock is installed at the bottom of the door

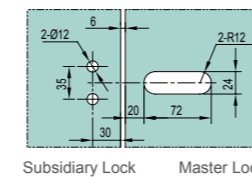
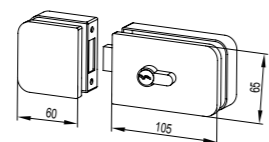


KMS21210 Glass Door Lock
Previous Code BS39



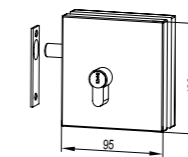
Subsidiary Lock Master Lock

KMS21140 Glass Door Lock
Previous Code BS306

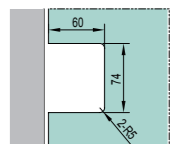


Subsidiary Lock Master Lock

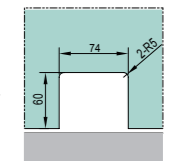
KMS21220 Glass Door Lock
Previous Code BS39D



Glass Door Lock
The glass door lock is installed in the middle of the door



Glass Door Lock
The glass door lock is installed at the bottom of the door



Glass Door Lock Series

Functional Characteristic

- Suitable for sliding glass door;
- Locking and opening by keys both inside and outside;
- Subsidiary Lock has orientation function; No need to collocate with a guide groove;
- Suitable for glass single or double door

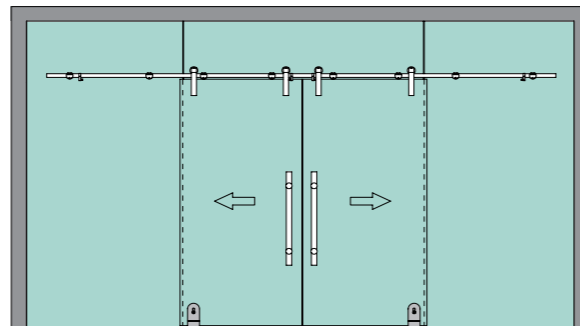
Technical Parameters

Glass Thickness: 10~15mm

Main Material and Surface Finish

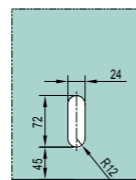
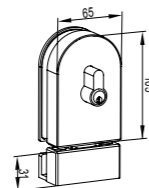
Main Material: Decorative cover is made of the S.S 304
Surface Finish: Satin / Mirror

Installation Diagram



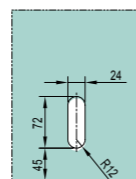
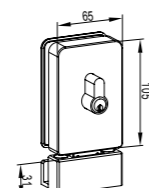
KMS12210 Glass Door Lock

Previous Code BS201



KMS12220 Glass Door Lock

Previous Code BS301



Glass Door Lock Series

Functional Characteristic

- Suitable for the sliding glass door;
- Locking and opening by keys both inside and outside;
- Glass door lock as a hidden handle;
- Suitable for glass single or double door

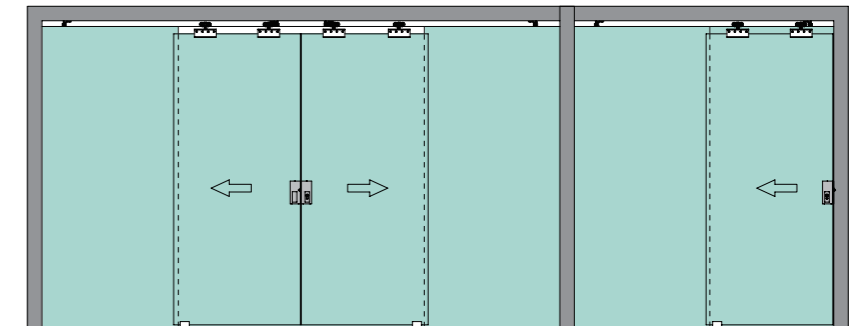
Technical Parameters

Glass Thickness: 10~12mm

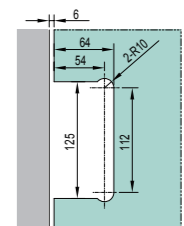
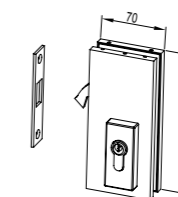
Main Material and Surface Finish

Main Material: The inner core is made of the high strength aluminum alloy
Decorative cover is made of the S.S 304
Surface Finish: Satin / Mirror

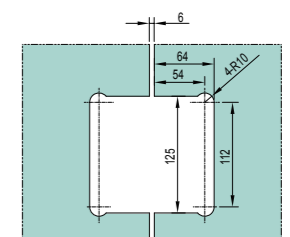
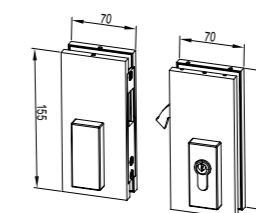
Installation Diagram



KMS22210 Glass Door Lock



KMS22220 Glass Door Lock



Subsidiary Lock Master Lock

Glass Door Lock Series

Functional Characteristic

- Suitable for open-in swing glass door;
- Opening and locking by the rotary knob inside and by key outside;
- With the passage lock, just turn the handle to open the door;
- The handle is combined with the door lock, no need for additional handle
- Suitable for glass single or double door
- For the double door with the center door lock, glass door latch is needed.

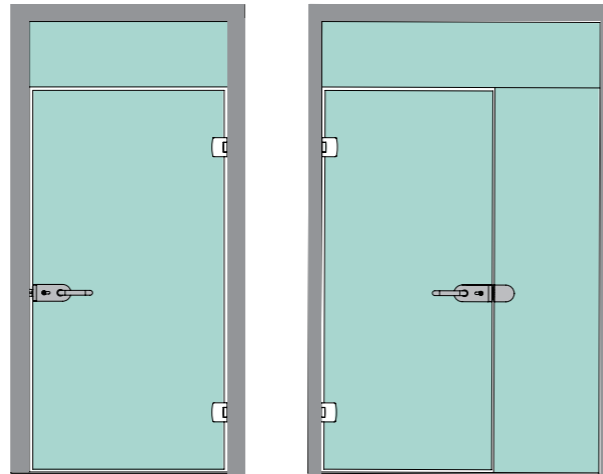
Technical Parameters

Glass Thickness: 10~15mm

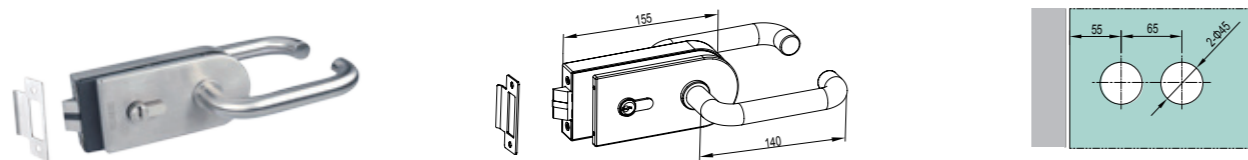
Main Material and Surface Finish

Main Material: Decorative cover and handle are made of the S.S 304
Surface Finish: Satin / Mirror

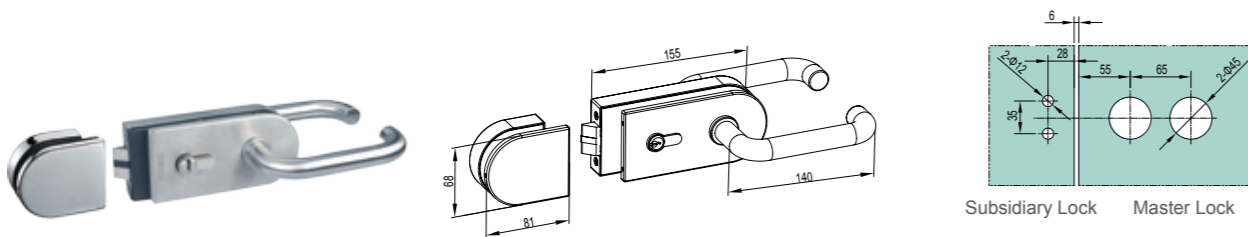
Installation Diagram



KMS31510 Glass Door Lock
Previous Code BS501



KMS31520 Glass Door Lock
Previous Code BS502



Glass Door Lock Series

Functional Characteristic

- Suitable for swing glass door;
- Indoor and outdoor use key lock, open
- It has lock function, turn the handle to unlock
- The handle is combined with the door lock function, It has no need to configure other handles
- Suitable for single or double sash glass doors
- For double sash doors with intermediate locks installed, glass door latches must be installed

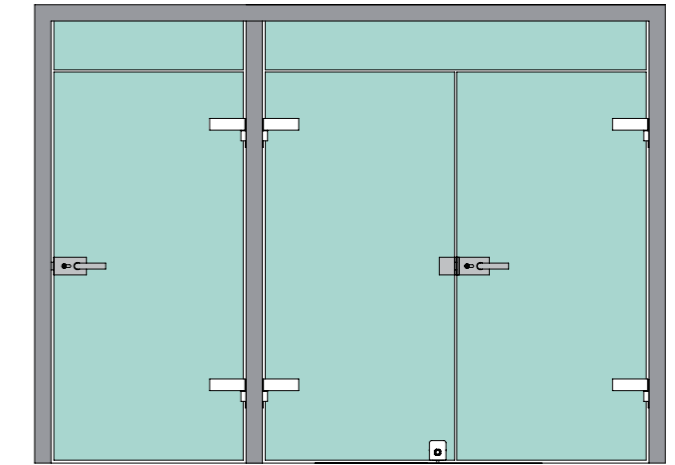
Technical Parameters

Glass Thickness: 10~12mm

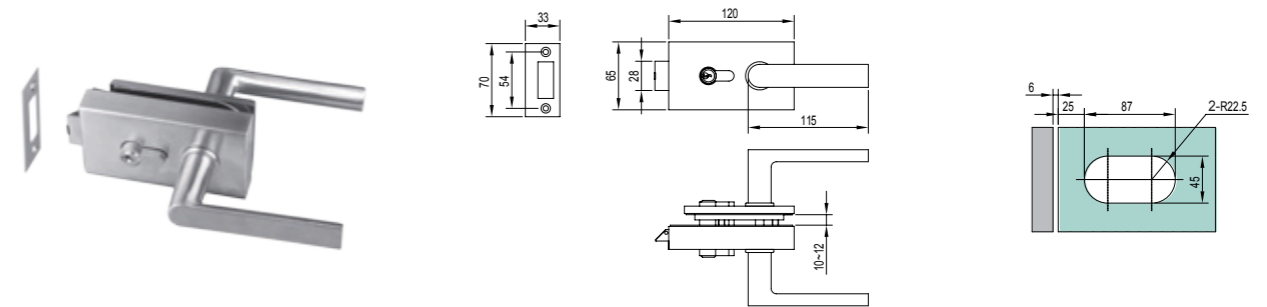
Main Material and Surface Finish

Main material: Decoration cover plate and handle are made of S.S. 304
Surface Finish: Satin

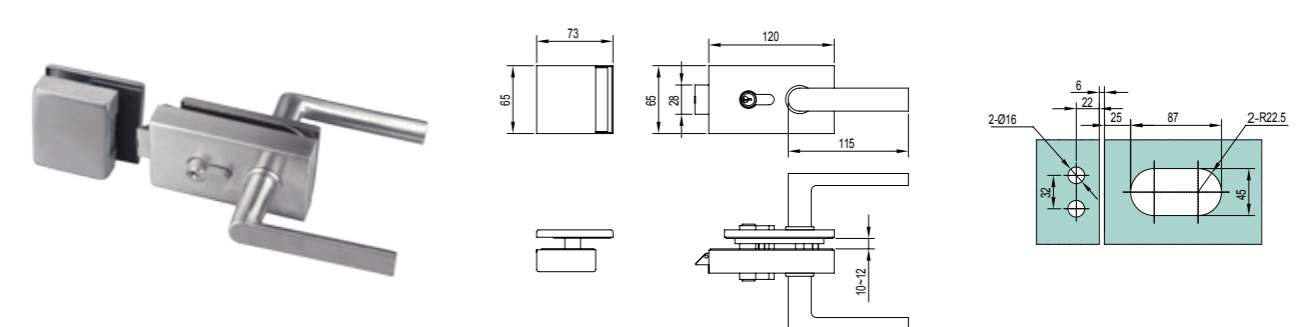
Installation Diagram



KMS31611 Glass Door Lock



KMS31621 Glass Door Lock



Glass Door Lock Series

Functional Characteristic

- Suitable for swing glass door;
- Locking and opening by keys both inside and outside;
- It has lock function, turn the handle to unlock
- The handle is combined with the door lock function, It has no need to configure other handles
- Suitable for single or double sash glass doors
- For double sash doors with intermediate locks installed, glass door latches must be installed

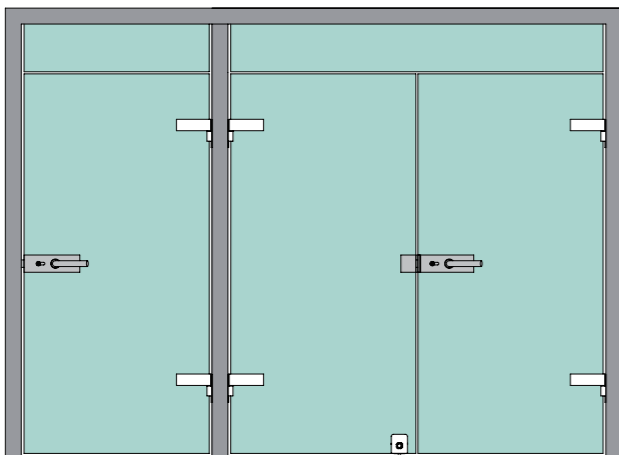
Technical Parameters

Glass Thickness: 10~12mm

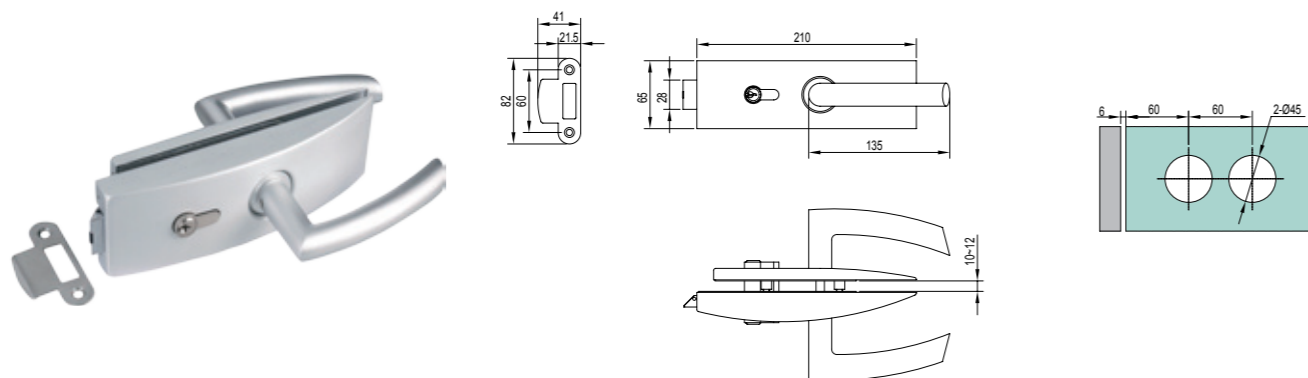
Main Material and Surface Finish

- Main Material: KMS31631/KMS31641 decoration cover plate and handle are made of aluminum alloy
KMS31651/KMS31661 decoration cover plate and handle are made of stainless steel
- Surface Finish: KMS31631/KMS31641 silver white oxidation
KMS31651/KMS31661 Satin

Installation Diagram

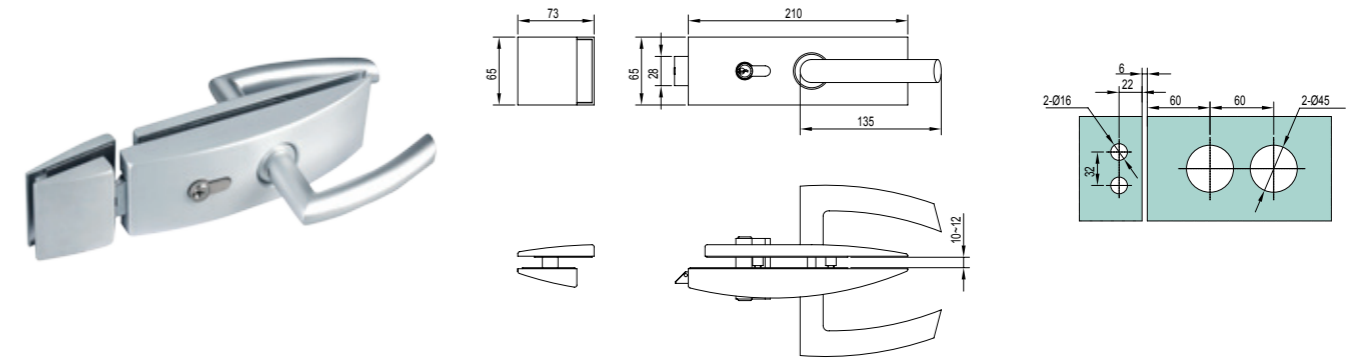


KMS31631 Glass Door Lock



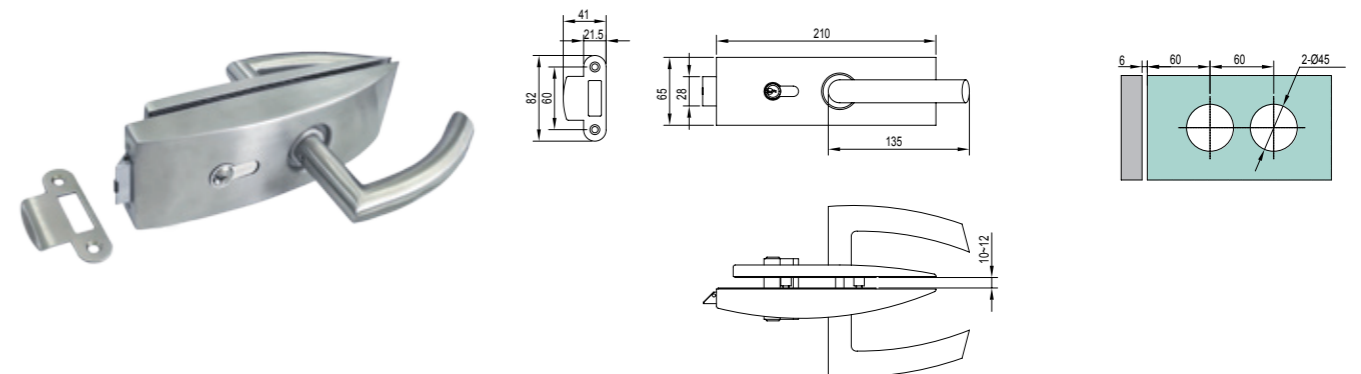
The matching selection is glass door hinge KHY13110.

KMS31641 Glass Door Lock



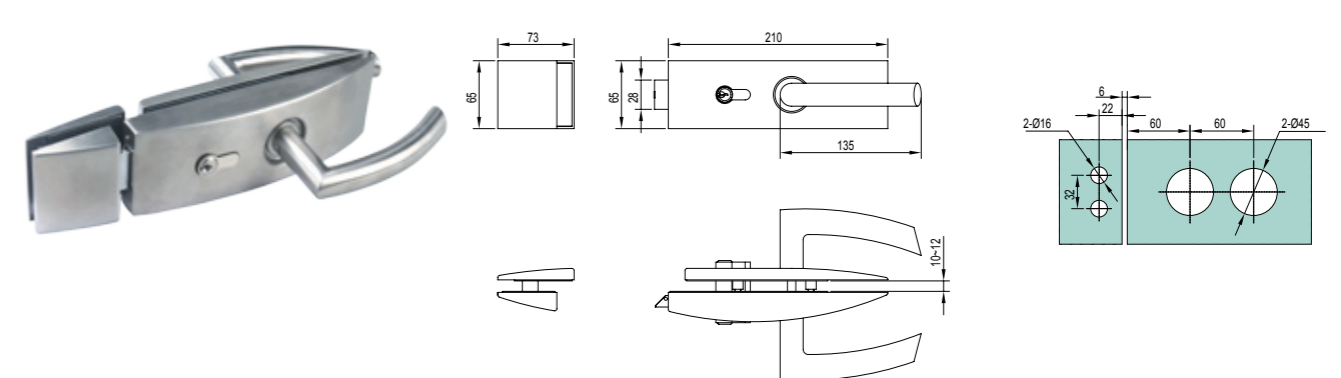
The matching selection is glass door hinge KHY13110.

KMS31651 Glass Door Lock



The matching selection is glass door hinge KHY13110.

KMS31661 Glass Door Lock



The matching selection is glass door hinge KHY13110.

Glass Door Lock Series

Functional Characteristic

- Suitable for swing glass door;
- Locking and opening by keys both inside and outside;
- It has the lock function, just turn the handle to open the door
- The handle is combined with the door lock, no need for additional handle
- Suitable for glass single or double door
- For the double door with the center door lock, glass door latch is needed.

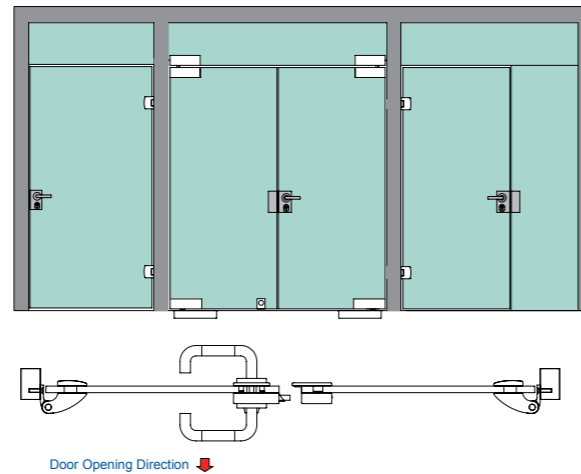
Technical Parameters

Glass Thickness: 10~15mm

Main Material and Surface Finish

Main Material: Decorative cover is made of the S.S 304
Surface Finish: Satin / Mirror

Installation Diagram



KMS3165L

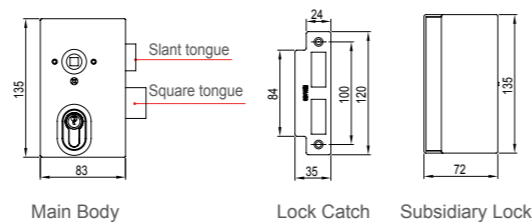
Previous Code BS403L

KMS3165R

Previous Code BS403R



Profile Drawing



KMS3166L

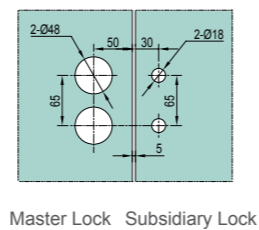
Previous Code BS404L

KMS3166R

Previous Code BS404R



Drill Drawing



Glass Door Lock Series

Functional Characteristic

- Suitable for swing glass door;
- KMS41110/KMS41120 Opening and locking by the rotary knob inside and by key outside
- KMS41310/KMS41320 No opening inside and locking or opening by key outside;
- Glass does not need to cut out glass;
- Suitable for glass single or double door
- For the double door with the center door lock, glass door latch is needed.

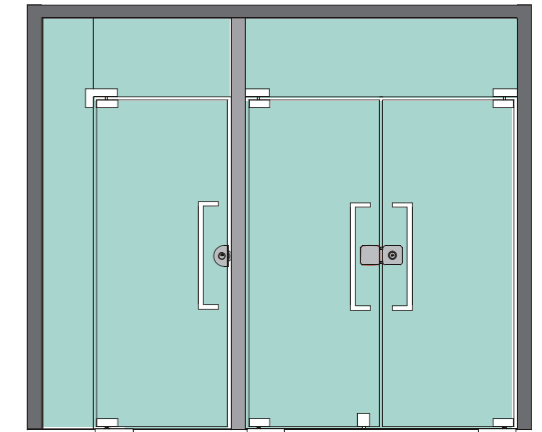
Technical Parameters

Glass Thickness: KMS41110/KMS41120 10~12mm
KMS41310/KMS41320 10~12mm, 15mm

Main Material and Surface Finish

Main Material: Decorative cover is made of the S.S 304
Surface Finish: Satin / Mirror

Installation Diagram

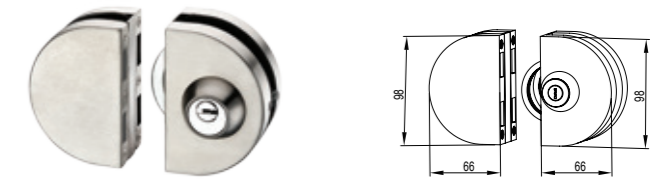
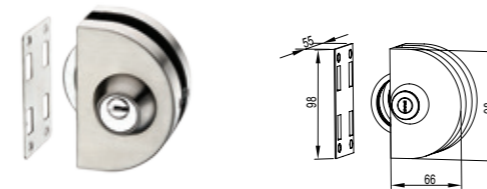


KMS41110 Glass Door Lock

Previous Code BS71

KMS41120 Glass Door Lock

Previous Code BS72

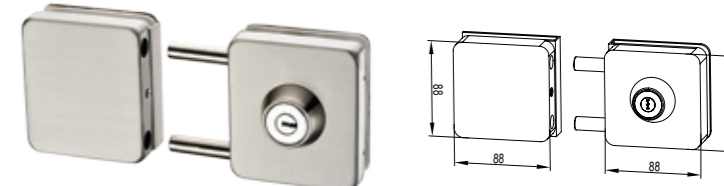


KMS41310 Glass Door Lock

Previous Code BS73/BS73A

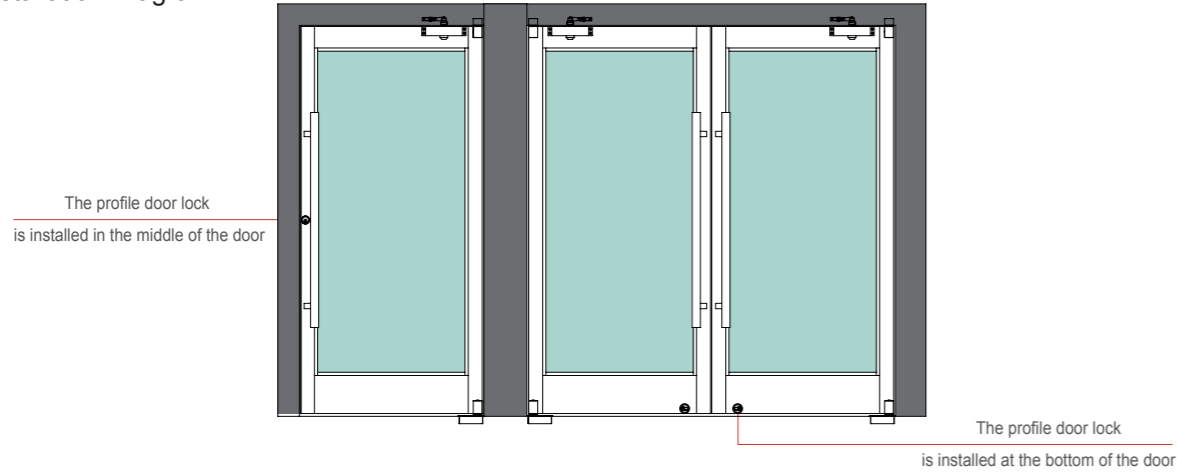
KMS41320 Glass Door Lock

Previous Code BS74/74A

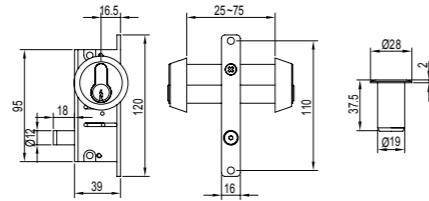


Profile Door Lock Series

Installation Diagram



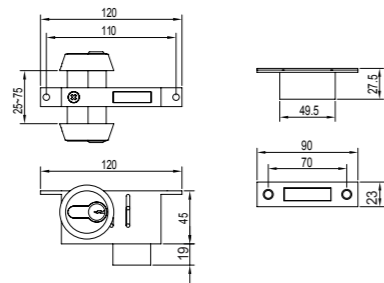
KMS51230 Profile Door Lock Previous Code DS201



Technical Parameters

Applicable door thickness is 25~75mm
Main material of lock head cover is 304 stainless steel, main body zinc alloy
Surface treatment is satin + nickel plating
When ordering, the door thickness should be provided and the shipment is based on the thickness
Convenient to install and the drilling hole is circular;
The lock cylinder is double lock;
The tube is designed for dustproof
Install at the bottom of the door

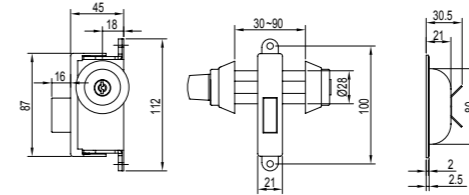
KMS51240 Profile Door Lock



Technical Parameters

Applicable door thickness is 25~75mm
Main material of lock head cover is 304 stainless steel, main body zinc alloy
Surface treatment is satin + nickel plating
When ordering, the door thickness should be provided and the shipment is based on the thickness
Convenient to install and the drilling hole is circular;
The lock cylinder is double lock;
The tube is designed for dustproof
Install at the bottom of the door

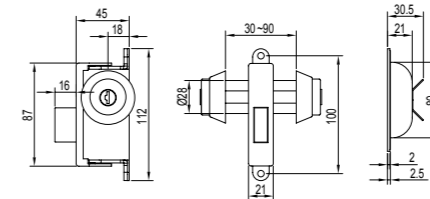
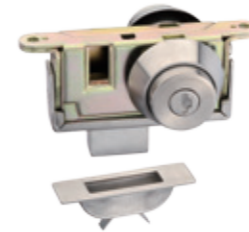
KMS5112A Profile Door Lock (New)



Technical Parameters

Applicable door thickness is 30 ~ 90mm
Main material of lock head cover is 304 stainless steel, Main body is high quality carbon steel
Surface treatment is satin + galvanizing
When ordering, the door thickness should be provided and the shipment is based on the thickness
The lock cylinder is the single lock (with the rotary knob) with the dust-proof function
Lock box with water seepage hole
Install in the intermediate of the door

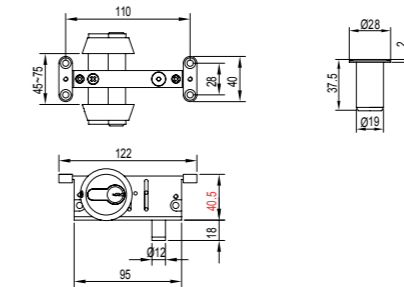
KMS5122A Profile Door Lock (New)



Technical Parameters

Applicable door thickness is 30 ~ 90mm
Main material of lock head cover is 304 stainless steel, Main body is high quality carbon steel
Surface treatment is satin + galvanizing
When ordering, the door thickness should be provided and the shipment is based on the thickness
The lock cylinder is the double lock with the dust-proof function
Lock box with water seepage hole
Install in the intermediate of the door

KMS61210 Insulated Profile Door Lock

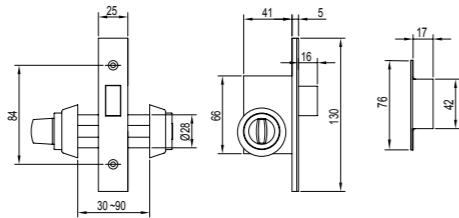


Technical Parameters

Applicable door leaf thickness is 45~75mm
Special for heat insulation profiles
Main Material: Decoration cover plate:S.S. 304;Lock body is made of zinc alloy
Surface treatment is satin + nickel plating
Door leaf thickness must be provided when ordering
Lock Form: Double Lock
Dust-proof design
Installed at the bottom of the door leaf.

Profile Door Lock Series

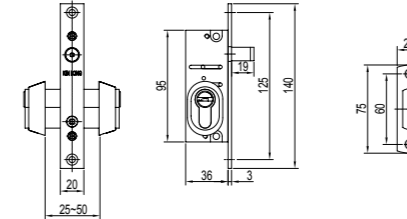
KMS5111A Profile Door Lock (New)



Technical Parameters

Applicable door thickness is 30 ~ 90mm
 Main material of lock head cover is 304 stainless steel, Main body is high quality carbon steel
 Surface treatment is satin + galvanizing
 When ordering, the door thickness should be provided and the shipment is based on the thickness
 The lock cylinder is the single lock (with the rotary knob) with the dust-proof function
 Install in the intermediate of the door

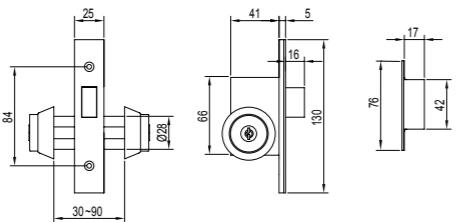
KMS51260 Profile Door Lock
 Previous Code XS31



Technical Parameters

Applicable door thickness is 25~50mm
 Only changing the cylinder when the door thickness is over 50mm;
 When ordering, the door thickness should be provided and the shipment is based on the thickness
 The lock cylinder is double lock
 Install in the intermediate of the door

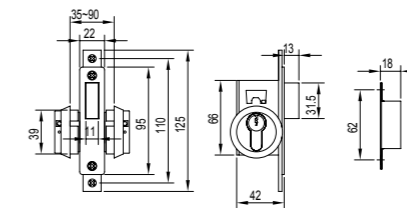
KMS5121A Profile Door Lock (New)



Technical Parameters

Applicable door thickness is 30 ~ 90mm
 Main material of lock head cover is 304 stainless steel, Main body is high quality carbon steel
 Surface treatment is satin + galvanizing
 When ordering, the door thickness should be provided and the shipment is based on the thickness
 The lock cylinder is the double lock with the dust-proof function
 Install in the intermediate of the door

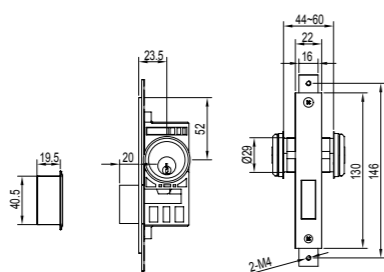
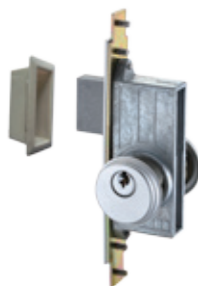
KMS61230 Profile Door Lock



Technical Parameters

Applicable door thickness is 35~90mm
 Main material of lock head cover is 304 stainless steel, Main body is high quality carbon steel
 Surface treatment is satin + galvanizing
 When ordering, the door thickness should be provided and the shipment is based on the thickness
 The lock cylinder is double lock
 Install in the intermediate of the door

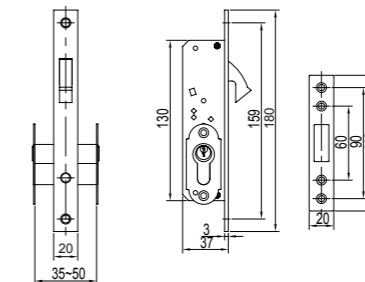
KMS51250 Profile Door Lock
 Previous Code XS21/XS21A



Technical Parameters

Applicable door thickness is 44~60mm
 When ordering, the door thickness should be provided and the shipment is based on the thickness
 The lock cylinder is double lock
 Install in the intermediate of the door
 The standard lock box is made of non-metallic material.
 If you need a metal lock box, please order it separately (KMS61130-04)

KMS61010 Sliding Door Lock (New)



Technical Parameters

Applicable door leaf thickness 35~50mm
 Main material of lock head cover is 304 stainless steel, main body is high quality carbon steel
 Surface treatment is satin + baking paint (black)
 Lock form is double lock
 Suitable for wooden sliding doors
 Installed in the middle of the door leaf

06

Door Hinge

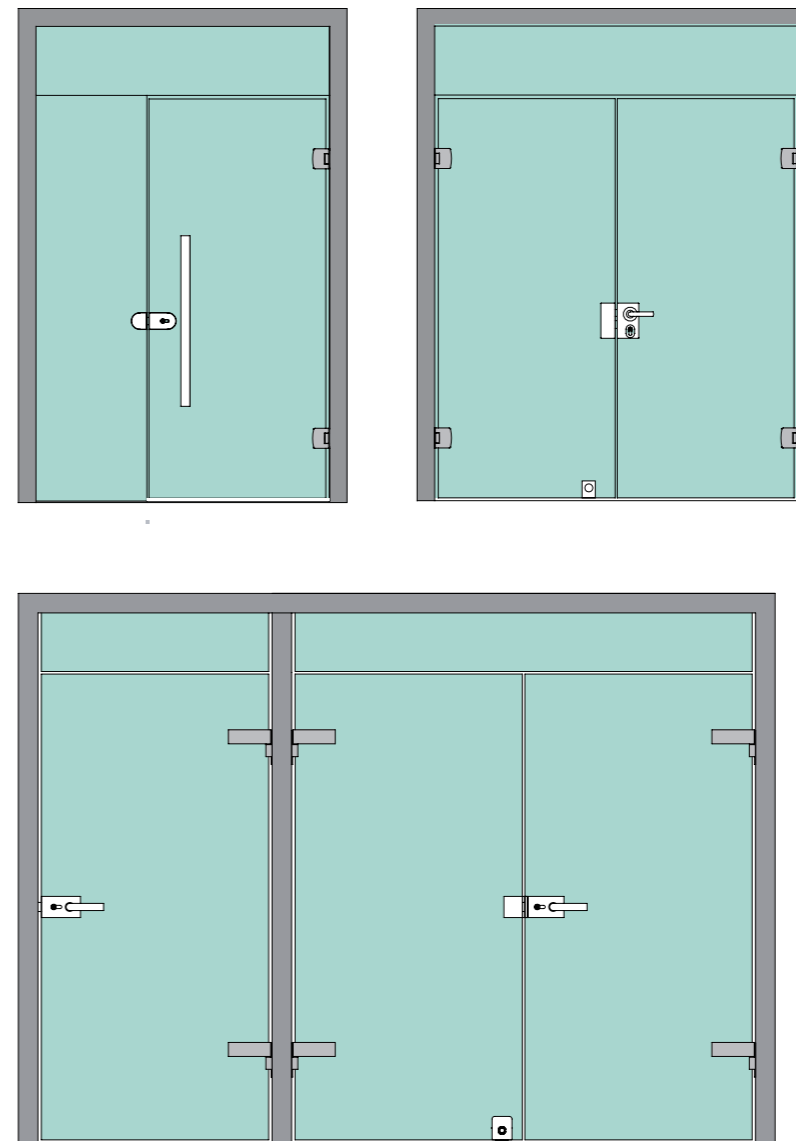


Glass Door Hinge Series

Functional Characteristic

- Suit for swing glass door;
- The door leaf is opened in one direction, no positioning function
- Can be used to open the door left and right, without distinguishing the left and right doors
- Can be fixed with frame profiles, walls and metal frames
- KHY13110 Matching glass door lock KMS31631、KMS31641、KMS31651、KMS31661

Installation Diagram



KHY11210, KHY12210, KHY12220, KHY12230

Technical Parameters

Maximum Bearing: 80Kg
 Glass Thickness: 10~15mm
 Door sash specifications: door height ≤ 2000mm, door width ≤ 800mm, with 2 glass door hinges
 2000<door height ≤ 2400mm, (800<door height ≤ 1000mm), with 3 glass door hinges

Main Material and Surface Finish

Main Material: body of 304 stainless steel
 Surface Treatment: Mirror / Satin

KHY13110

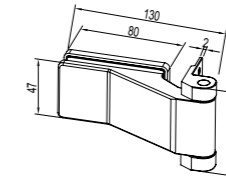
Technical Parameters

Maximum Bearing: 60Kg
 Glass Thickness: 10~12mm
 Door sash specifications: door height ≤ 2000mm, door width ≤ 800mm, with 2 glass door hinges
 2000<door height ≤ 2200mm, door width ≤ 800mm, with 3 glass door hinges

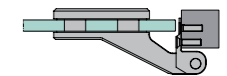
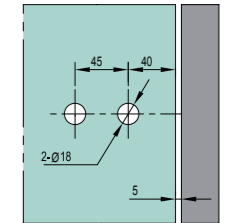
Main Material and Surface Finish

Main Material: High strength die-casting aluminum alloy
 Surface Treatment: Brushed nickel or silver white oxidation

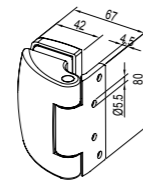
KHY12220 Glass Door Hinge
 Previous Code JL05



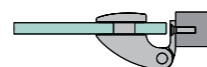
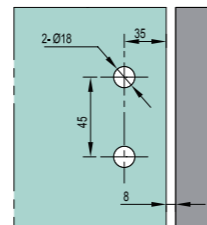
The door opening angle is 0°~ 180°



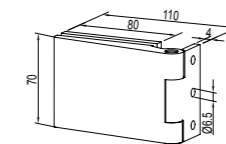
KHY11210 Glass Door Hinge
 Previous Code JL01



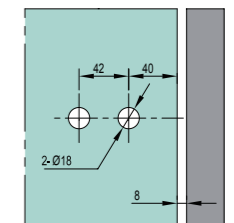
The door opening angle is 0°~ 120°



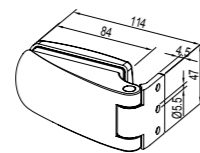
KHY12230 Glass Door Hinge
 Previous Code JL06



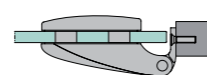
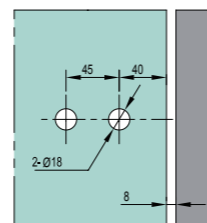
The door opening angle is 0°~ 150°



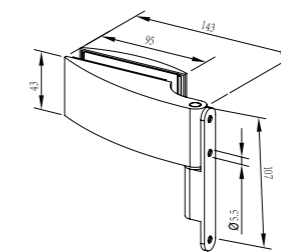
KHY12210 Glass Door Hinge
 Previous Code JL04



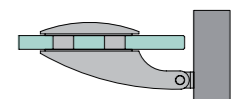
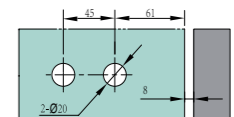
The door opening angle is 0°~ 120°



KHY13110 Glass Door Hinge



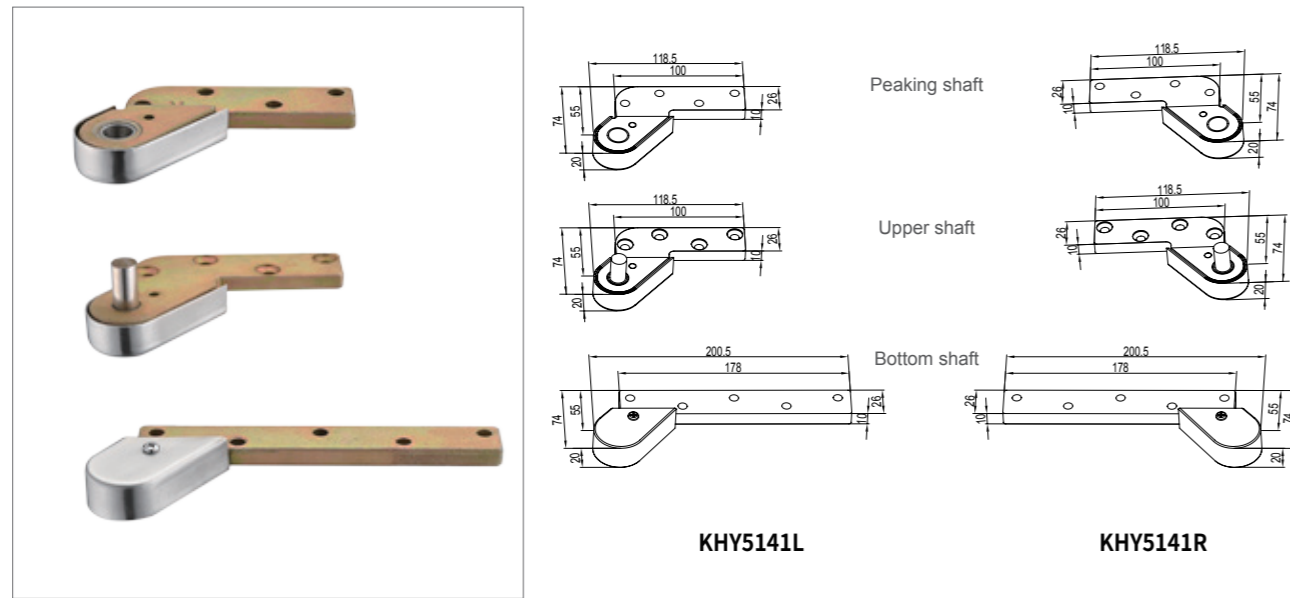
The door opening angle is 0°~ 90°



Door Hinge

Door Hinge

KHY5141L/R Eccentric Pivoted Arm



Functional Characteristic

Suitable for side hung door
 Eccentric structural design to ensure the one-way opening angle from 0 to 180 degree; no positioning function
 Match with floor hinge and lower shaft, Spindle angle is 14° by default

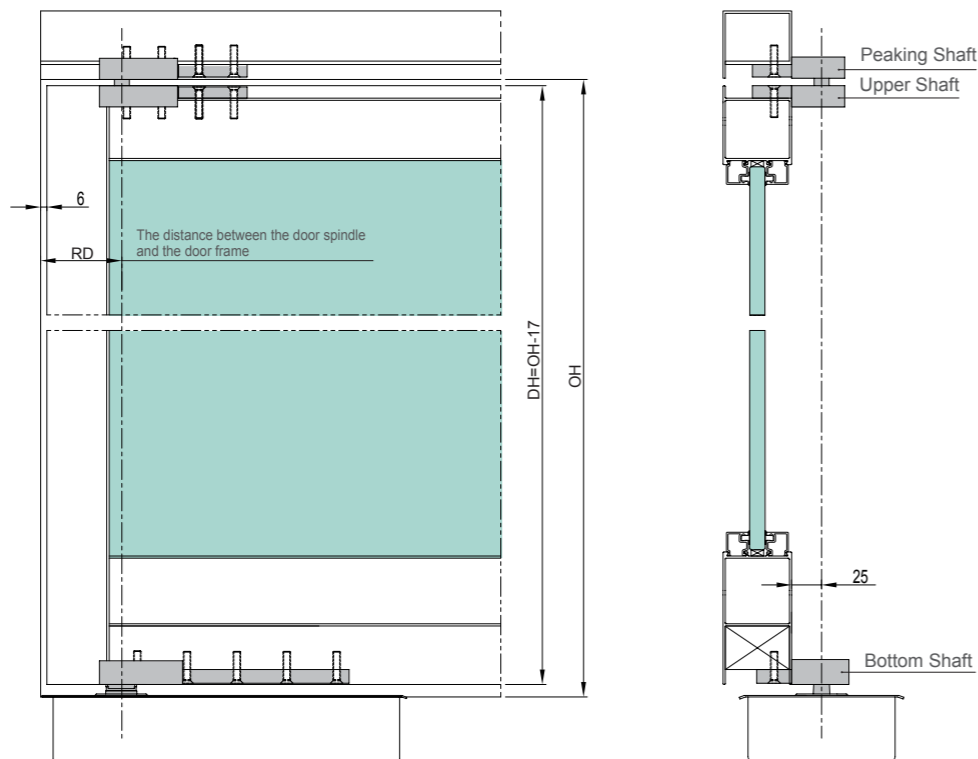
Technical Parameters

Maximum Bearing 120Kg
 Glass Thickness 35mm
 Door width ≤1200mm
 Door height ≤2500mm

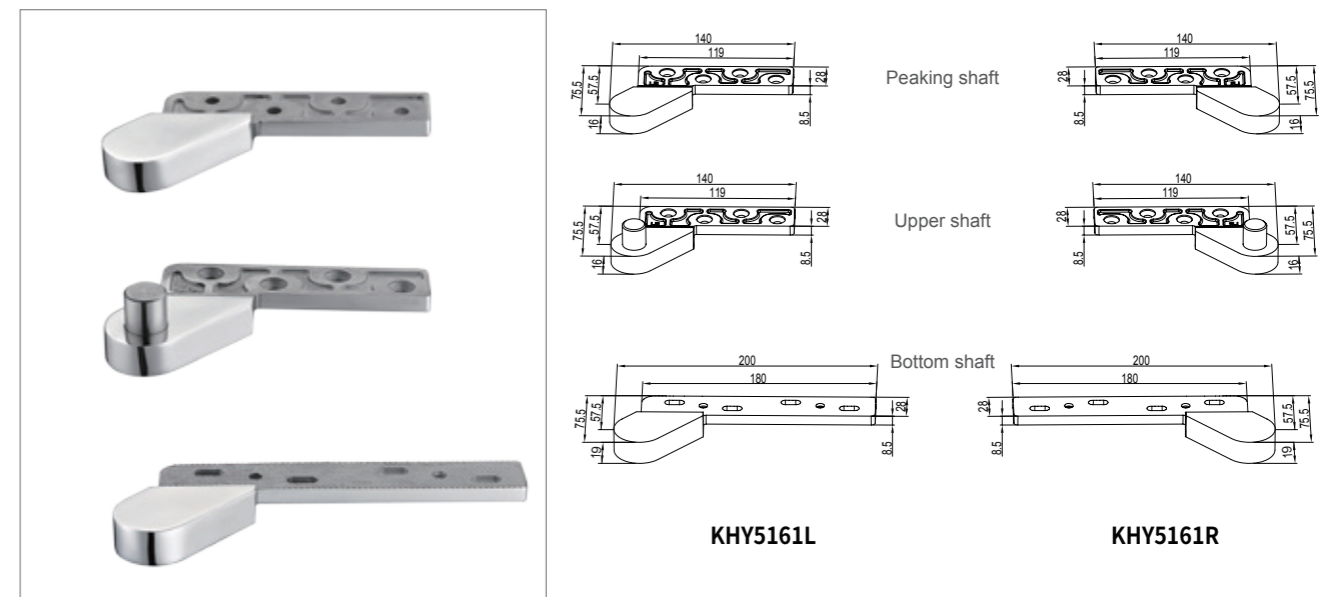
Main Material and Surface Finish

Main Material: Main body is high quality carbon steel and the outer cover is S.S 304
 Surface Finish: Main body is color-plated zinc, decorative cover is Satin / Mirror

Installation Diagram



KHY5161L/R Eccentric Pivoted Arm



Functional Characteristic

Suitable for side hung door
 Eccentric structural design to ensure the one-way opening angle from 0 to 180 degree; no positioning function
 Match with floor hinge and lower shaft, Spindle angle is 14° by default

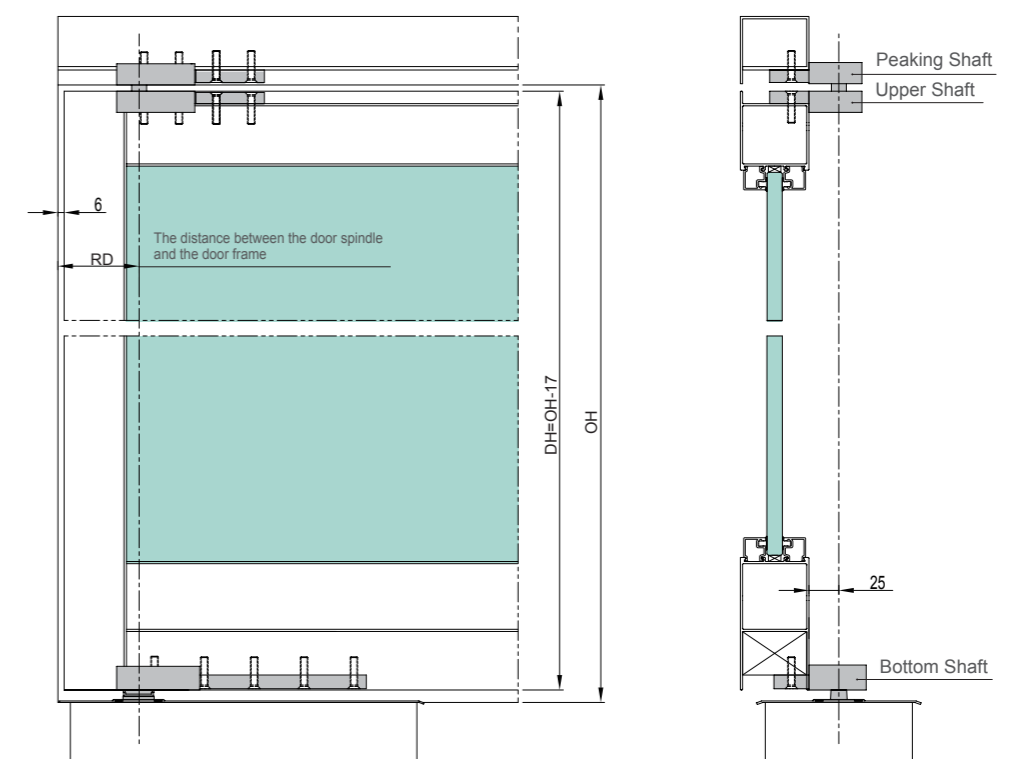
Technical Parameters

Maximum Bearing 200Kg
 Glass Thickness 35mm
 Door width ≤1400mm
 Door height ≤3000mm

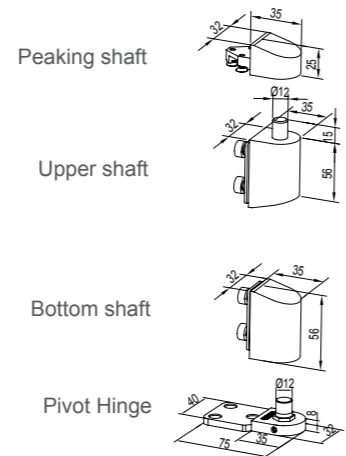
Main Material and Surface Finish

Main Material: S.S 304
 Surface Finish: Satin / Mirror

Installation Diagram



KHY52310 Eccentric Door Spindle
Previous Code XP06



Functional Characteristic

Suitable for side hung door
 Suitable for profile thickness: 1.5~3mm
 Eccentric structural design to ensure the one-way opening angle from 0 to 180 degree; no positioning function
 The pivot hinge is designed without excavation;
 The pivot hinge can be adjusted to 5mm vertically upward.

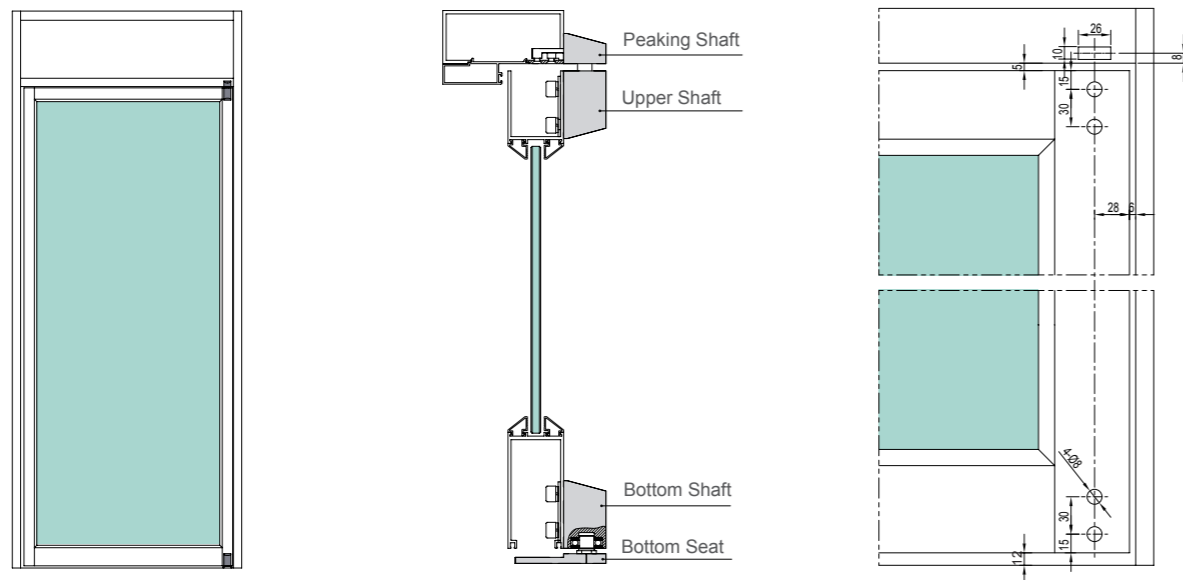
Technical Parameters

Maximum Bearing	100Kg
Door width	≤1000mm
Door height	≤2400mm

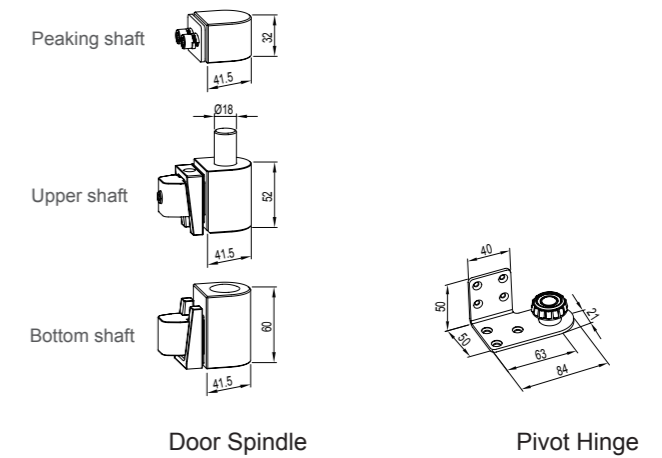
Main Material and Surface Finish

Main Material: 304 stainless steel
 Surface Finish: Satin / Mirror

Installation Diagram



KHY5241L/R Eccentric Pivoted Arm



Functional Characteristic

Suitable for swing profile door
 Suitable for the profile thickness is 2.5~3mm
 Eccentric structural design to ensure the one-way opening angle from 0 to 180 degree; no positioning function
 The pivot hinge is designed without excavation;
 The upper and bottom pivot can be adjusted by ±5mm.
 Door stopper (KHY32005-02) need extra purchase.

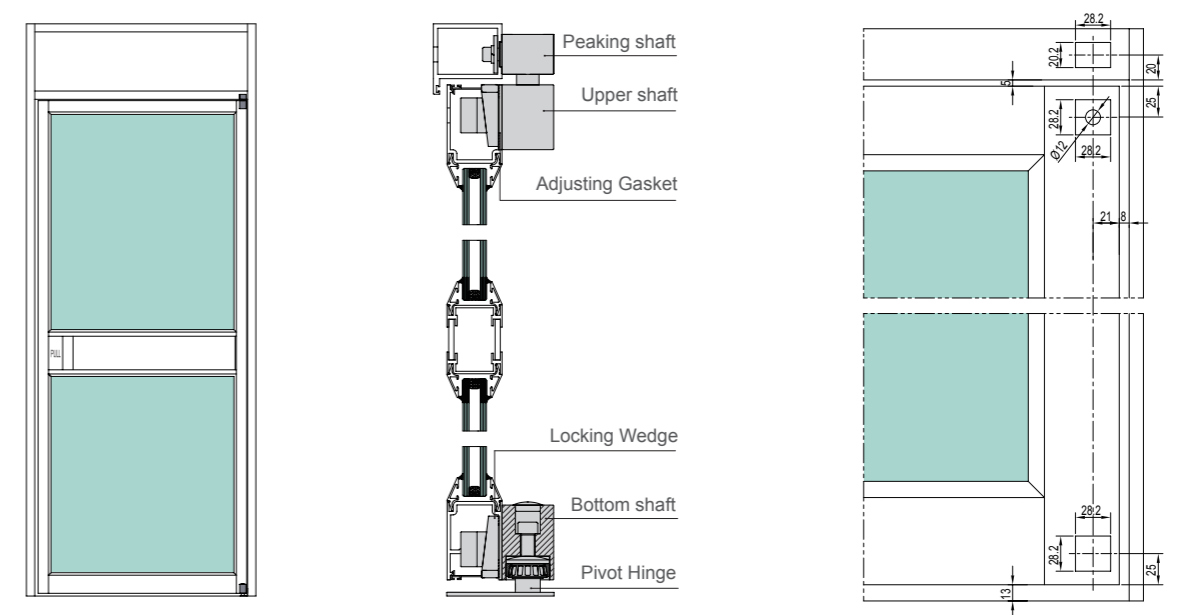
Technical Parameters

Maximum Bearing	120Kg
Door width	≤1200mm
Door height	≤2500mm

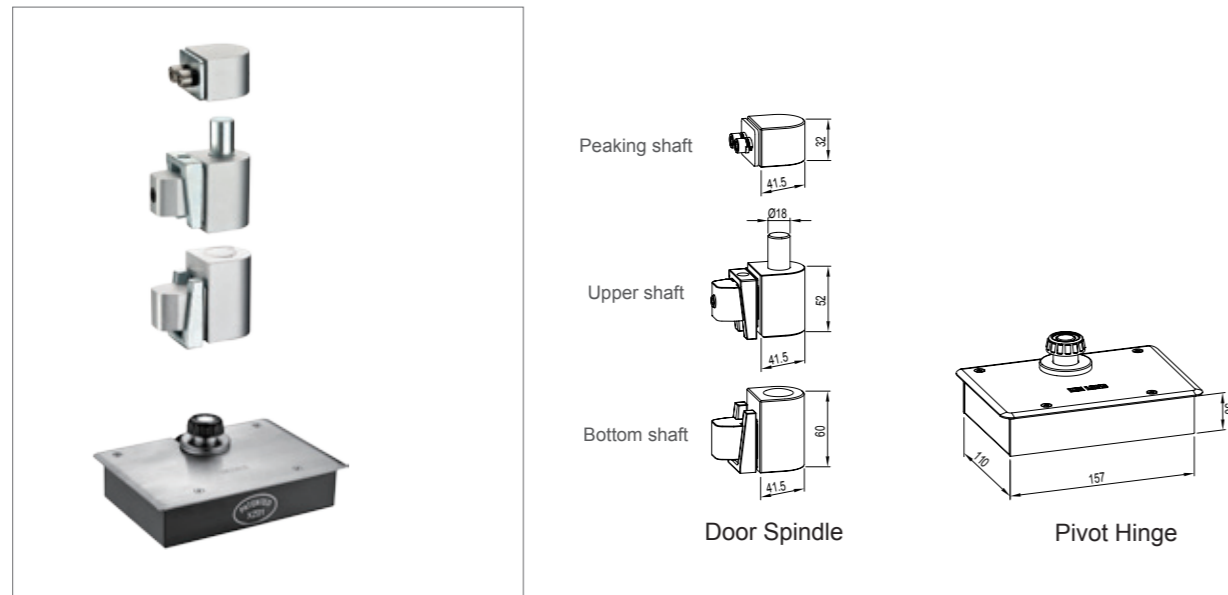
Main Material and Surface Finish

Main Material: Door Spindle is aluminum alloy; Pivot Hinge is S.S 304
 Surface Finish: Door Spindle is silver gray; Pivot Hinge is Satin

Installation Diagram



KHY52420 Eccentric Door Spindle



Functional Characteristic

Suitable for side hung door
 Suitable for profile door, and the profile thickness is 2.5~3mm
 Eccentric structural design to ensure the one-way opening angle from 0 to 180 degree; no positioning function Vertical adjustment is $\pm 5\text{mm}$;
 Door stop (KHY32005-02) self-purchased

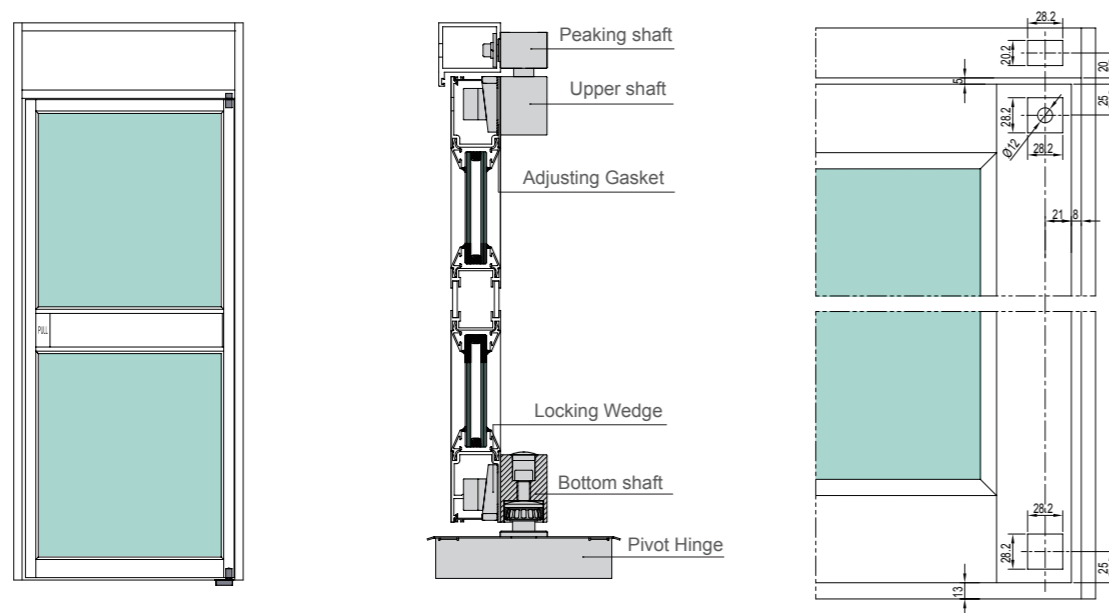
Technical Parameters

Maximum Bearing 120Kg
 Door width $\leq 1200\text{mm}$
 Door height $\leq 2500\text{mm}$
 Patent Technology: It has functions of waterproof, heat preservation, insect prevention and rust protection

Main Material and Surface Finish

Main Material: Door spindle is aluminum alloy; Pivot Hinge's main body is cast iron, cover plate is S.S 304
 Surface Finish: Door shaft spray, silver-gray color; Pivot Hinge's main body is blue, Pivot Hinge's cover plate is Satin

Installation Diagram



Pivot Hinge Series

Functional Characteristic

Suitable for side hung door
 Suitable for side hung profile door
 metal door, framed door, frameless glass door
 No locating function, doors opening angle from 0 to 360 degree

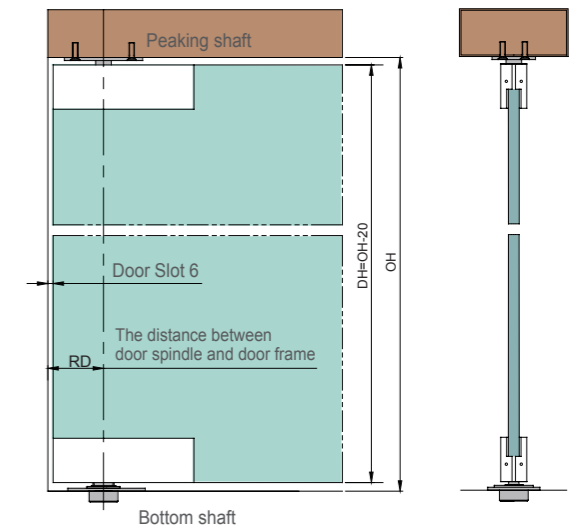
Technical Parameters

Maximum Bearing: KHY53500, KHY53511, KHY53520 150Kg
 KHY53512 200Kg

Main Material and Surface Finish

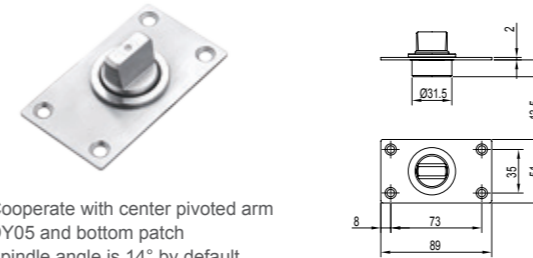
Main Material: Panel is made of S.S 304
 Surface Finish: Matt

Installation Diagram



KHY53500 Bottom shaft

Previous Code DZ203-01

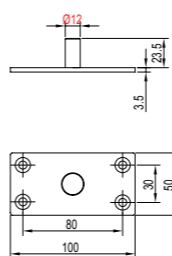


Cooperate with center pivoted arm DY05 and bottom patch
 Spindle angle is 14° by default

KHY53511 Peaking shaft



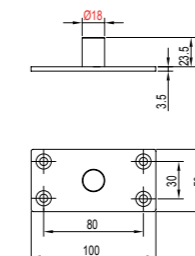
Note: cooperate with pivot bottom seat DX03/DX05/BDP70202 the maximum thickness of door leaf is 68mm



KHY53512 Peaking shaft



Note: cooperate with pivot bottom seat DX04/DX07/BDP40102 and upper patch KMJ11720($\Phi 18$)/KMJ21520($\Phi 18$)/KMJ21720($\Phi 18$); The maximum thickness of door leaf is 68mm

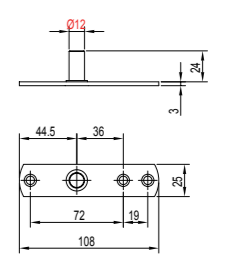


KHY53520 Peaking shaft

Previous Code DZ203-02



Note: cooperate with pivot bottom seat DX03/DX05/BDP70202



07

Auxiliary Accessories



Glass Door Latch Series

Functional Characteristic

Suitable for double sashes swing glass doors
 The indoor knob can be locked and opened, from indoor only
 For the double door with the center door lock, glass door latch is needed.
 KFJ11210/KFJ11250 The glass needs drilling to ensure that the bolt is firm
 KFJ11270 No need cut out holes for Bolt installation position glass door leaf

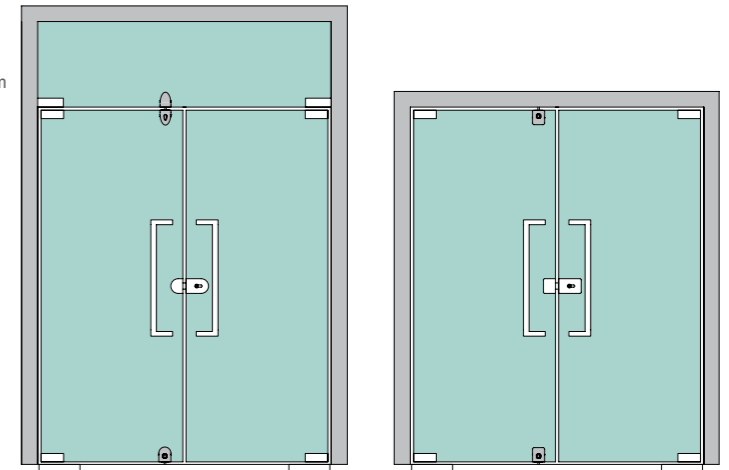
Technical Parameters

Applicable door leaf thickness KFJ11210/KFJ11250 10-15mm
 KFJ11270 10-12mm、15mm

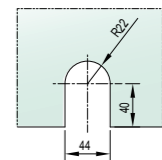
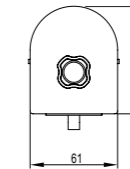
Main Material and Surface Finish

Main Material: Body zinc alloy, decorative cover 304 stainless
 Surface Finish: Satin/Mirror

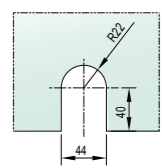
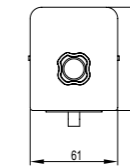
Installation Diagram



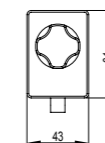
KFJ11210 Glass Door Latch Previous Code BCX141



KFJ11250 Glass Door Latch Previous Code BCX161



KFJ11270 Glass Door Latch Previous Code BCX201 / BCX201A



Framed Door Latch Series

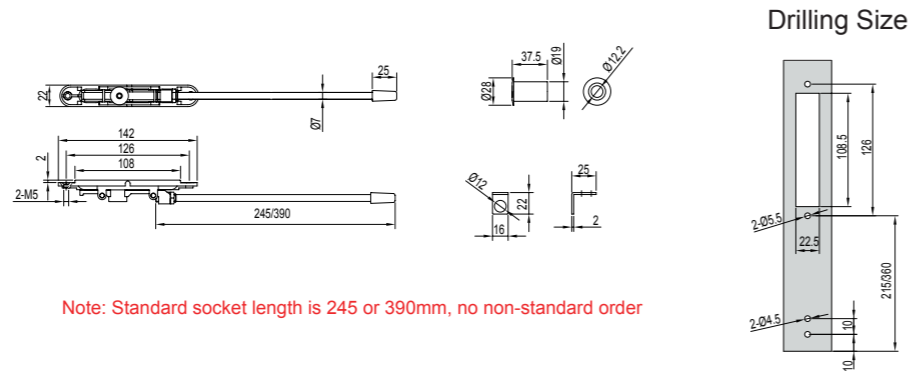
KFJ51220 Framed Door Latch
Previous Code CX01/CX01A

Functional Characteristic

Suitable for profile doors
Hidden in the inner cavity of the profile after installation
The support component has guide function and stable operation.
Dust-proof cylinder can prevent dust and other debris from entering, effectively ensuring smooth operation of the bolt;
For the double door with the inter mediate door lock, glass door latch is needed.

Main Material and Surface Finish

Main Material: Main body is zinc alloy, latch bar is carbon steel
Surface Finish: Main body is the silver gray stoving varnish, latch bar is color-plated zinc



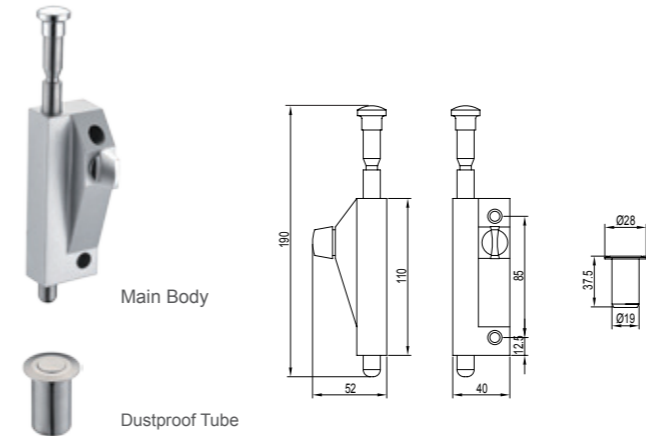
KFJ5121A Framed Door Latch

Functional Characteristic

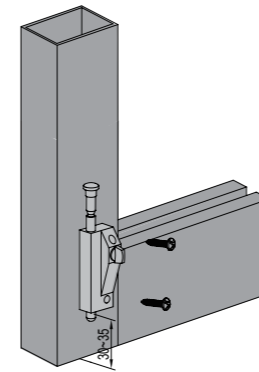
Suitable for metal door, frame door, profile door
Surface-mounted latches for easy installation
Dust-proof cylinder can prevent dust and other debris from entering, effectively ensuring smooth operation of the bolt;
For the double door with the inter mediate door lock, glass door latch is needed.

Main Material and Surface Finish

Main Material: Main body is made of zinc alloy, and latch bar is made of S.S 201
Surface Finish: The main body is spray-painted, and the color is silver gray; Latch lever with satin



Installation Diagram



Note: Door latch with frame KFJ5121A Unlocked state, the pin lever is exposed 15mm, While locking state, the pin lever is exposed 60mm
The overlap between the latch lever and the dust cylinder is 15-20mm, and the distance between the lock body and the bottom of the door leaf can be adjusted according to the needs of the project (the distance between the lock body and the bottom of the door leaf + the lower door seam + the overlap between the latch lever and the dust cylinder = 60mm)

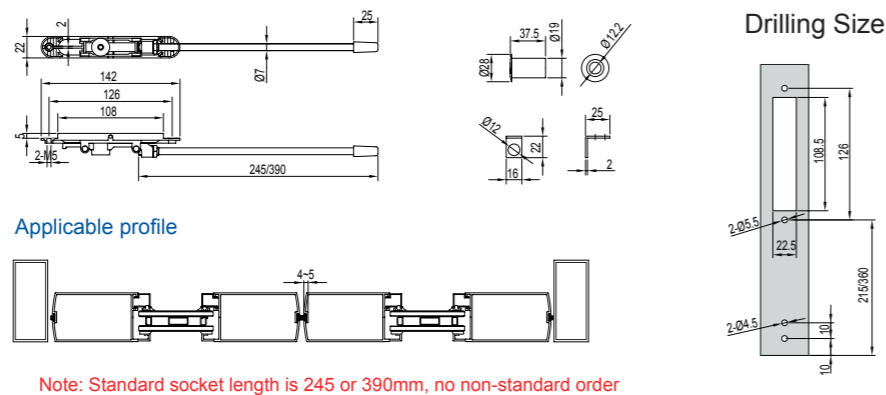
KFJ5122A Framed Door Latch

Functional Characteristic

Profile door, special for the structure with a seal strip in the middle of the profile mullion.
Hidden in the inner cavity of the profile after installation
The support component has guide function and stable operation.
Dust-proof cylinder can prevent dust and other debris from entering, effectively ensuring smooth operation of the bolt;
For the double door with the inter mediate door lock, glass door latch is needed.

Main Material and Surface Finish

Main Material: Main body is zinc alloy, latch bar is carbon steel
Surface Finish: Main body is the silver gray stoving varnish, latch bar is color-plated zinc



Anti-dust Strip at Door Bottom Edge Series

KFJ51230 Anti-dust Strip at Door Bottom Edge (New)

Functional Characteristic

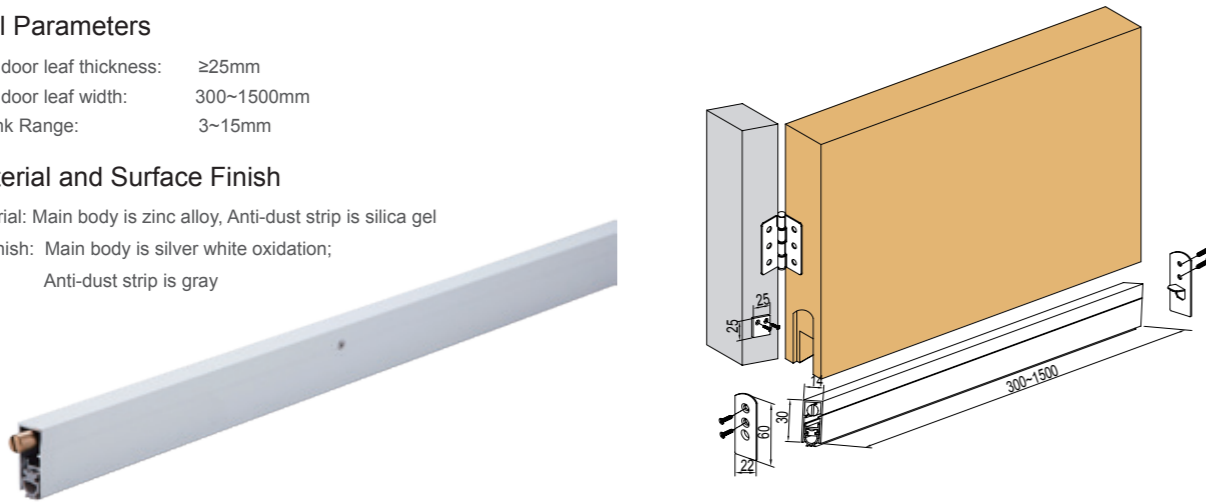
- Suitable for wooden doors
- Hidden in the inner cavity at the bottom of the door leaf after installation
- No distinction between left and right doors
- There is a cylindrical trigger at one end of the product, which can be closed with the door leaf, which will automatically lower the sealing strip to achieve the dust blocking function.
- With sound insulation, moisture-proof, wind-proof, smoke-proof, anti-mosquito functions
- The standard shipping length is 800mm, 915mm, 1000mm, and can be cut by 100mm. Customized according to the actual door width

Technical Parameters

- Applicable door leaf thickness: $\geq 25\text{mm}$
- Applicable door leaf width: 300~1500mm
- Sealing Sink Range: 3~15mm

Main Material and Surface Finish

- Main Material: Main body is zinc alloy, Anti-dust strip is silica gel
- Surface Finish: Main body is silver white oxidation;
Anti-dust strip is gray



KFJ51250 Anti-dust Strip at Door Bottom Edge (New)

Functional Characteristic

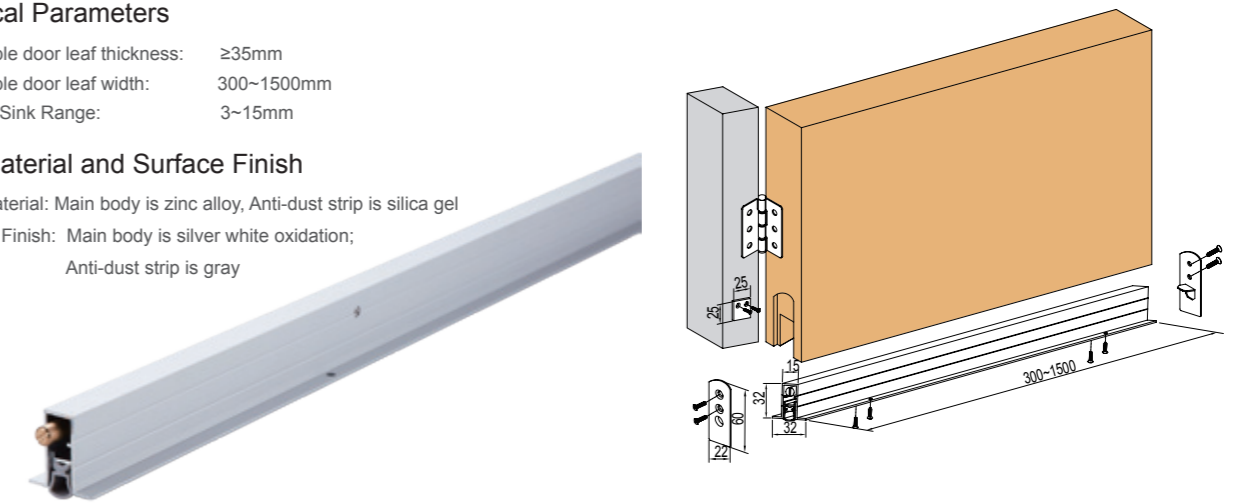
- Suitable for wooden doors
- Hidden in the inner cavity at the bottom of the door leaf after installation
- No distinction between left and right doors
- With sound insulation, moisture-proof, wind-proof, smoke-proof, anti-mosquito functions
- There is a cylindrical trigger at one end of the product, which can be closed with the door leaf, which will automatically lower the sealing strip to achieve the dust blocking function.
- The standard shipping length is 800mm, 915mm, 1000mm, and can be cut by 100mm. Customized according to the actual door width

Technical Parameters

- Applicable door leaf thickness: $\geq 35\text{mm}$
- Applicable door leaf width: 300~1500mm
- Sealing Sink Range: 3~15mm

Main Material and Surface Finish

- Main Material: Main body is zinc alloy, Anti-dust strip is silica gel
- Surface Finish: Main body is silver white oxidation;
Anti-dust strip is gray



KFJ51240 Anti-dust Strip at Door Bottom Edge (New)

Functional Characteristic

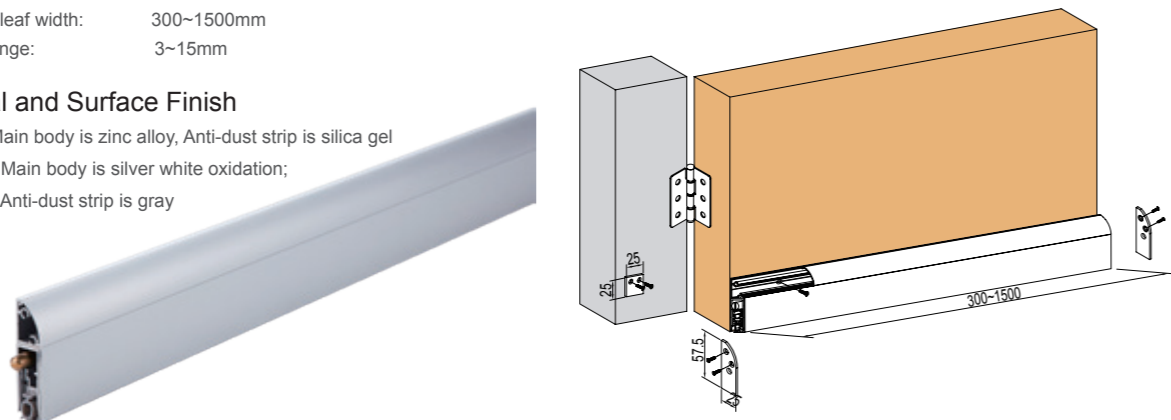
- Suitable for wooden doors
- Exposed to the surface of the door leaf after installation
- No distinction between left and right doors
- There is a cylindrical trigger at one end of the product, which can be closed with the door leaf, which will automatically lower the sealing strip to achieve the dust blocking function.
- With sound insulation, moisture-proof, wind-proof, smoke-proof, anti-mosquito functions
- The standard shipping length is 800mm, 915mm, 1000mm, and can be cut by 100mm. Customized according to the actual door width

Technical Parameters

- Applicable door leaf thickness: $\geq 25\text{mm}$
- Applicable door leaf width: 300~1500mm
- Sealing Sink Range: 3~15mm

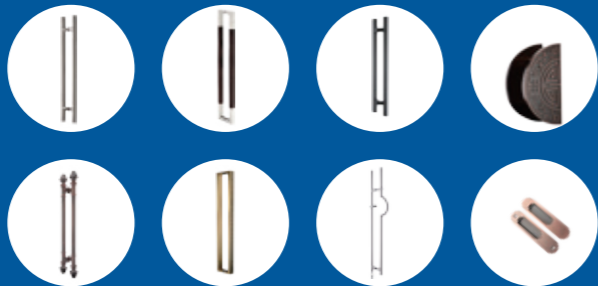
Main Material and Surface Finish

- Main Material: Main body is zinc alloy, Anti-dust strip is silica gel
- Surface Finish: Main body is silver white oxidation;
Anti-dust strip is gray

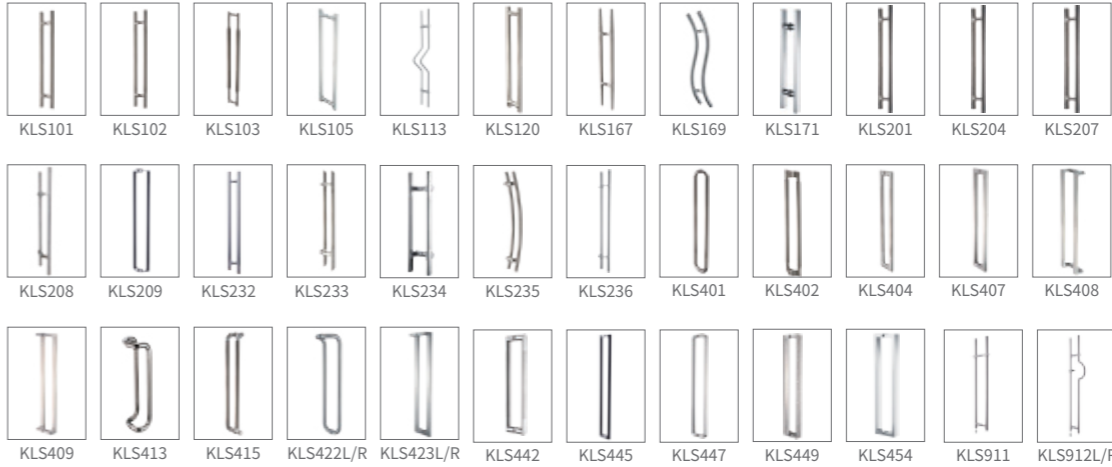


08

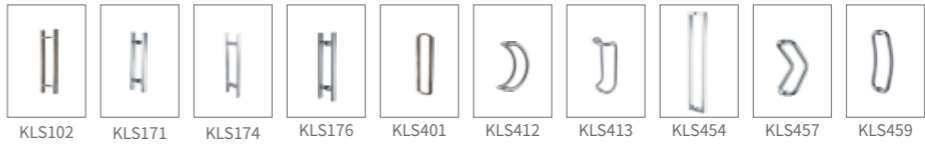
Door Handle



Stainless steel handle(Big)



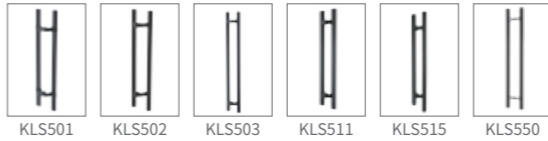
Stainless steel handle(Small)



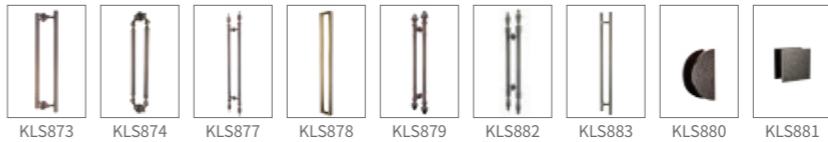
Stainless steel + solid wood / ABS handle



Aluminum-Alloy handle



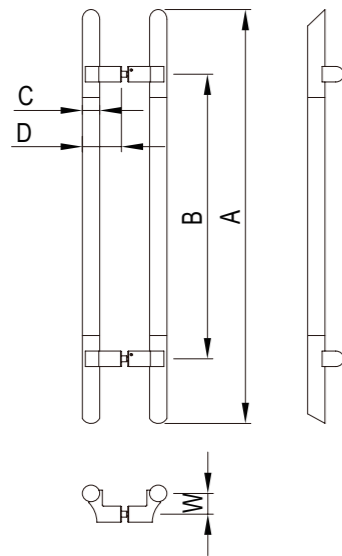
Luxury handle



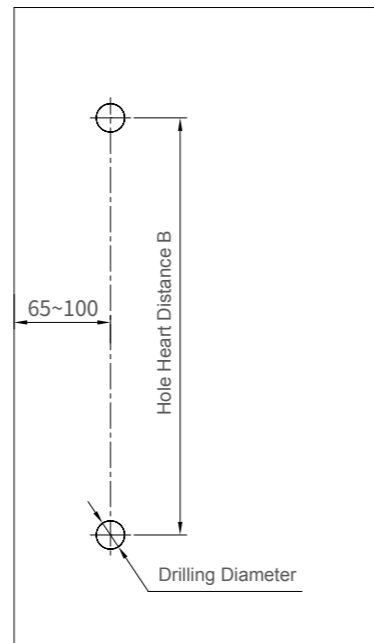
Sliding door handle



Product Outside Drawing



Glass cut out drawing



Note:
 1. The trepanning diameter is relied on the specific handle code.
 2. When the door width is more than 1000mm, it needs to adjust the distance (65-100) between handle center and door frame.

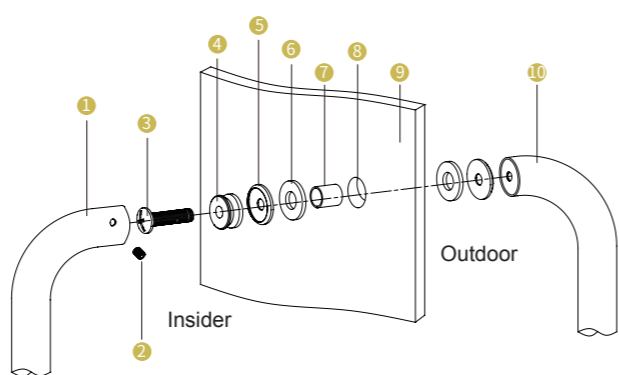
Product Dimension Definition

- A Total length of handle
- B Center hole Distance
- C Handle Pipe Specification
- D Distance between the outside handle and the glass surface
- W Distance between the support centre of handle and the hole centre

Surface Finish

Type	Standard Color	Type	Standard Color
Electroplating	Red bronze	Spraying	Black (AD3000-4383236)
	Green bronze		Coffee (SW9331)
	Champaign Gold		Dark Gray (SW2035)
	Rose Gold		
	Black Titanium		

Installation Diagram



- 1 Interior Handle
- 2 Set Screw
- 3 Screw
- 4 Lock Nut
- 5 Decorative covers
- 6 Spacer
- 7 Gasket
- 8 Installing Hole
- 9 Door Leaf
- 10 Exterior Handle

Note: The inner handle is installed indoors and fixed with set screws.

Instruction:
 1. When installing the handle, prevent the non-metal parts from knocking, scratching and other similar conditions those are difficult to repair;
 2. Handles with electroplating, spraying, solid wood, ABS, PVC are not suitable for using directly under sunlight;
 3. Solid wood, ABS, PVC handles only supply for standard products;
 Due to the effect of photography and printing, there are differences
 4. between physical objects and pictures. Please refer to physical objects.

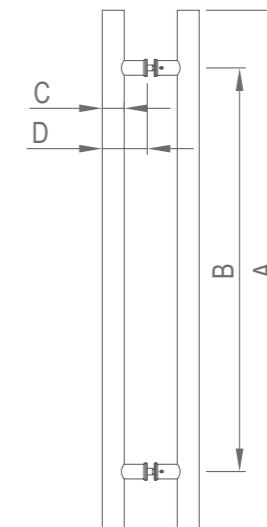


KLS101 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS10108	KLS10110	KLS10112	KLS10115	KLS10118	KLS10120
A(mm)	800	1000	1200	1500	1800	2000
B(mm)	600	800	1000	1300	1500	1700
C(mm)	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 1.2$
D(mm)	80	80	80	80	80	80

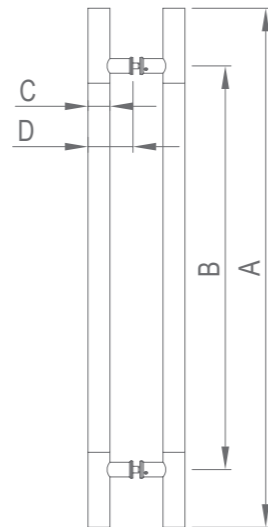


KLS102 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror/ Satin
 [Ends are mirror + middle is satin]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification

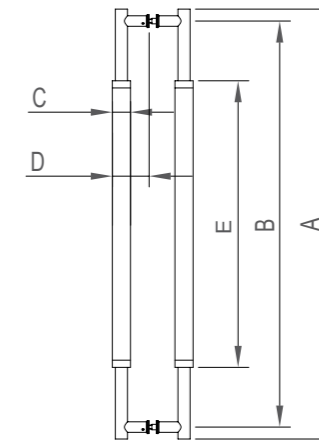


KLS103 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 [Ends are mirror + middle is satin]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS10206	KLS10208	KLS10210	KLS10212	KLS10215	KLS10218	KLS10220	KLS10222	KLS10224	KLS10226	KLS10228	KLS10230
A(mm)	600	800	1000	1200	1500	1800	2000	2200	2400	2600	2800	3000
B(mm)	400	600	800	1000	1300	1600	1600	1800	1800	1800	2000	2200
C(mm)	$\Phi 32^*0.8$	$\Phi 32^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*1.2$	$\Phi 38^*1.2$	$\Phi 38^*1.2$	$\Phi 38^*1.2$	$\Phi 38^*1.5$	$\Phi 38^*1.5$
D(mm)	72	72	80	80	80	80	80	80	80	80	80	80

Specification

Code	KLS10308	KLS10310	KLS10312	KLS10315A	KLS10318A	KLS10320A
A(mm)	800	1000	1200	1500	1800	2000
B(mm)	750	950	1150	1450	1750	1900
C(mm)	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*1.2$
D(mm)	77	77	77	77	77	77
E(mm)	500	700	900	1200	1500	1700

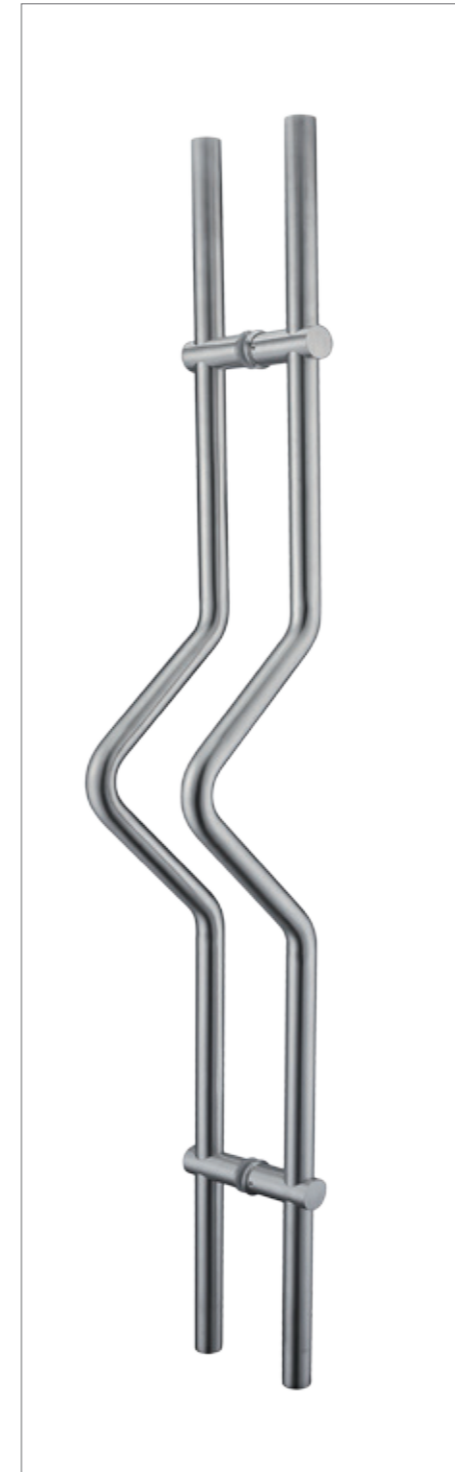
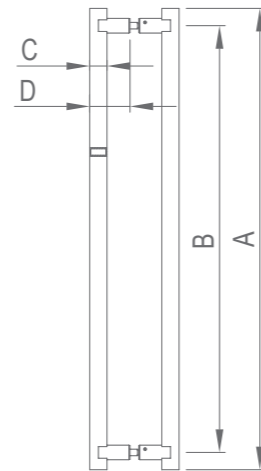


KLS105 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification

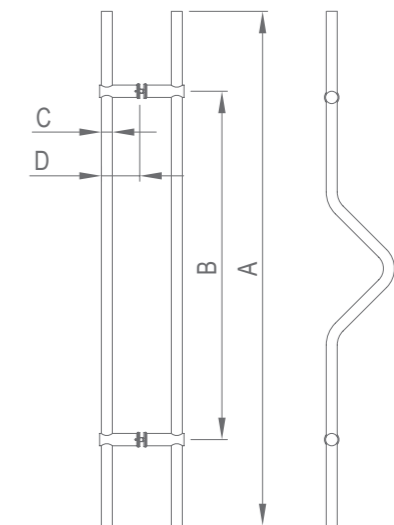


KLS113 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS10508	KLS10512	KLS10515	KLS10518	KLS10520	KLS10522	KLS10524	KLS10526
A(mm)	800	1200	1500	1800	2000	2200	2400	2600
B(mm)	700	1100	1300	1600	1800	2000	2200	2400
C(mm)	38*25*0.8	38*25*0.8	38*25*0.8	38*25*0.8	50*25*1.2	50*25*1.2	50*25*1.5	50*25*1.5
D(mm)	75	75	75	75	87	87	87	87

Specification

Code	KLS11315
A(mm)	1500
B(mm)	1000
C(mm)	Φ 32*1.2
D(mm)	80

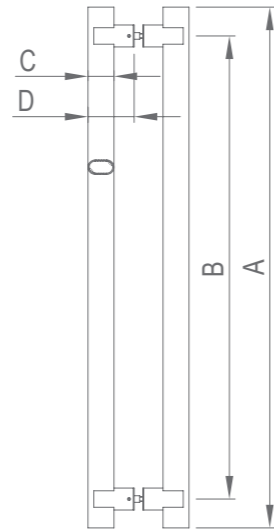


KLS120 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



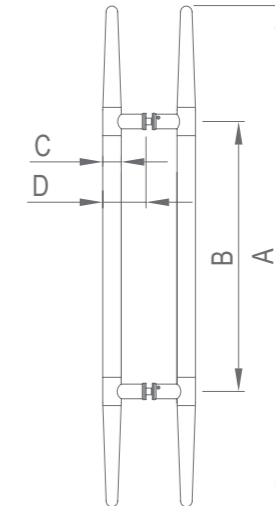
KLS167 Handle

Previous Code LS301

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirro / Satin
 [Supporting area is mirror + other area is satin]
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS12008	KLS12010	KLS12012	KLS12015	KLS12018
A(mm)	800	1000	1200	1500	1800
B(mm)	700	800	1000	1300	1600
C(mm)	45*25*0.8	45*25*0.8	45*25*0.8	45*25*0.8	45*25*0.8
D(mm)	80	80	80	80	80

Specification

Code	KLS16708	KLS16710	KLS16712
A(mm)	800	1000	1200
B(mm)	400	500	600
C(mm)	Φ 32*1.2	Φ 38*1.2	Φ 38*1.2
D(mm)	72	80	80

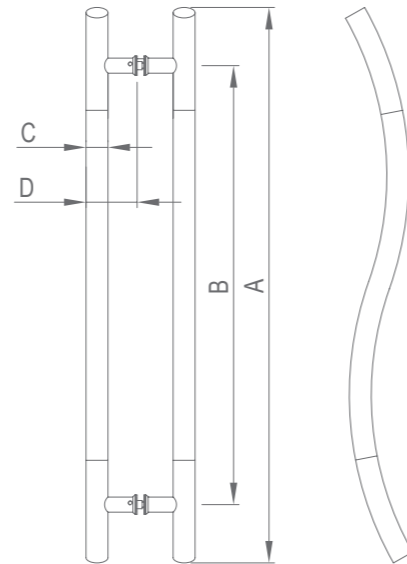


KLS169 Handle

Technical Parameters

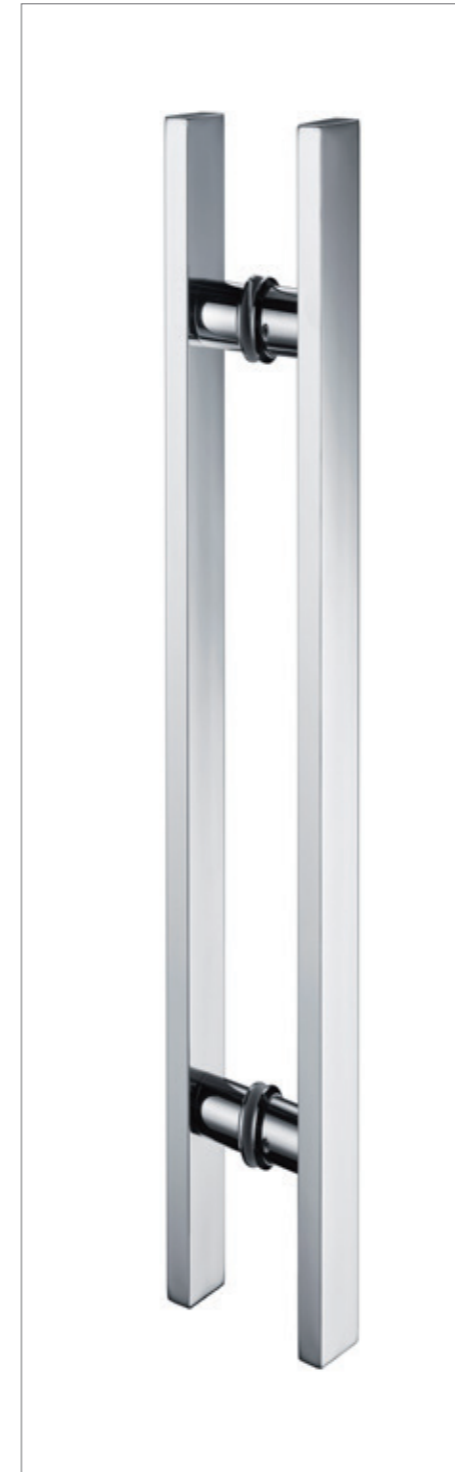
Main Material: S.S 304
 Surface Finish: Mirror + Satin
 [Ends are mirror + middle is satin]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS16908
A(mm)	800
B(mm)	500
C(mm)	$\Phi 38 \times 1.2$
D(mm)	80

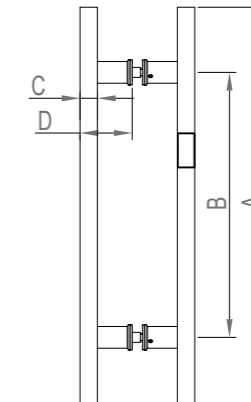


KLS171 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS17108	KLS17110	KLS17112	KLS17115
A(mm)	800	1000	1200	1500
B(mm)	600	800	1000	1300
C(mm)	$20 \times 40 \times 0.8$	$20 \times 40 \times 0.8$	$20 \times 40 \times 0.8$	$20 \times 40 \times 0.8$
D(mm)	60	60	60	60



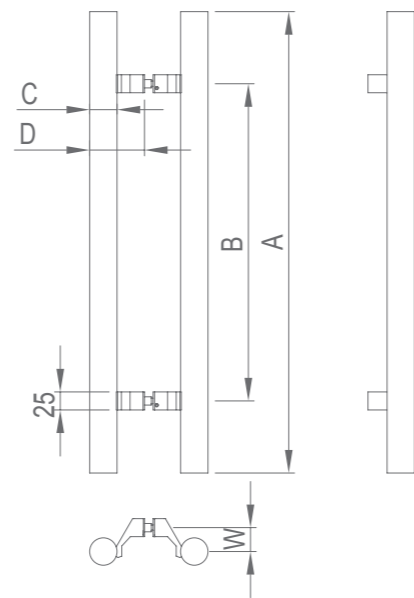
KLS201 Handle

Previous Code LS201

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the precision casting S.S 304

Specification



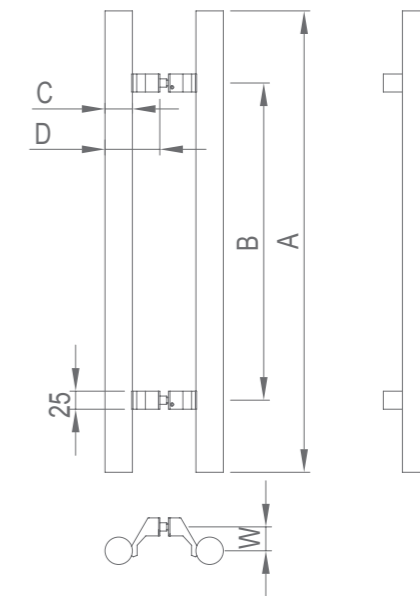
KLS204 Handle

Previous Code LS201C

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the precision casting S.S 304

Specification

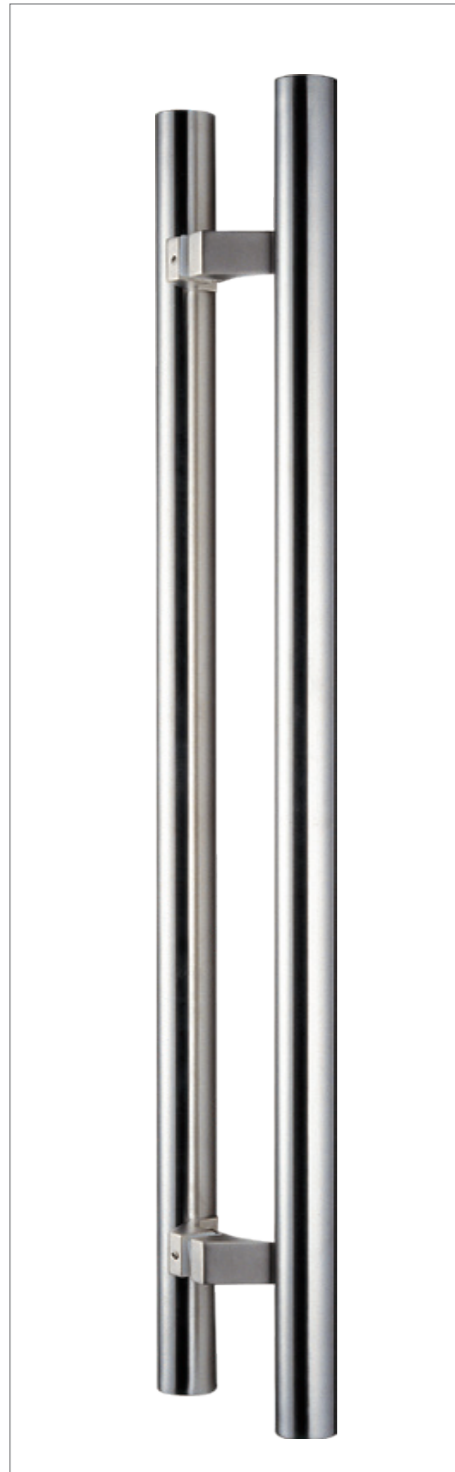


Specification

Code	KLS20108	KLS20110	KLS20112	KLS20115	KLS20118	KLS20120
A(mm)	800	1000	1200	1500	1800	2000
B(mm)	600	800	1000	1300	1500	1700
C(mm)	$\Phi 32^*1.2$	$\Phi 38^*1.2$	$\Phi 38^*1.2$	$\Phi 38^*1.2$	$\Phi 38^*1.2$	$\Phi 38^*1.2$
D(mm)	70	76	76	76	76	76
W(mm)	33	33	33	33	33	33

Specification

Code	KLS20408	KLS20410	KLS20412	KLS20415	KLS20418	KLS20420
A(mm)	800	1000	1200	1500	1800	2000
B(mm)	600	800	1000	1300	1500	1700
C(mm)	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*1.2$
D(mm)	76	76	76	76	76	76
W(mm)	33	33	33	33	33	33

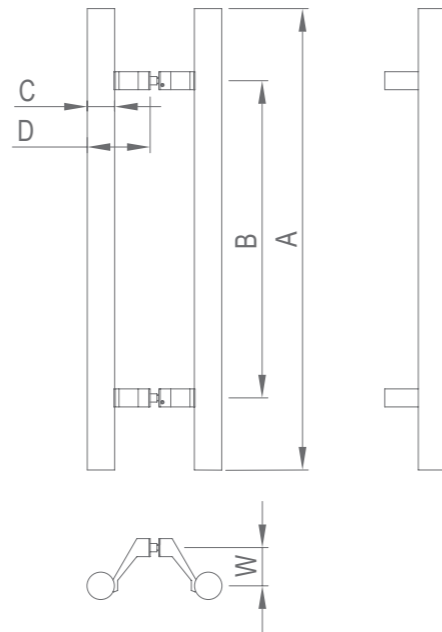


KLS207 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the press forming S.S 304

Specification

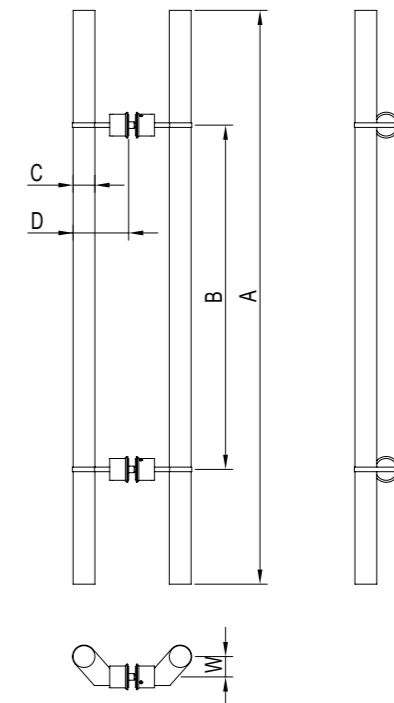


KLS208 Handle (Nwe)

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirro (supporter) / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS20710	KLS20715	KLS20720	KLS20724	KLS20726
A(mm)	1000	1500	2000	2400	2600
B(mm)	800	1300	1700	2200	2400
C(mm)	$\Phi 38^*1.2$	$\Phi 38^*1.2$	$\Phi 38^*1.2$	$\Phi 51^*1.2$	$\Phi 51^*1.2$
D(mm)	88	88	88	100	100
W(mm)	53	53	53	53	53

Specification

Code	KLS20810	KLS20812	KLS20815	KLS20818
A(mm)	1000	1200	1500	1800
B(mm)	600	800	1000	1200
C(mm)	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$
D(mm)	97	97	97	97
W(mm)	35.5	35.5	35.5	35.5

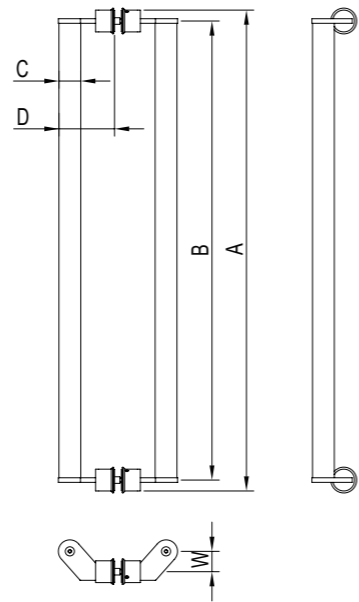


KLS209 Handle (Nwe)

Technical Parameters

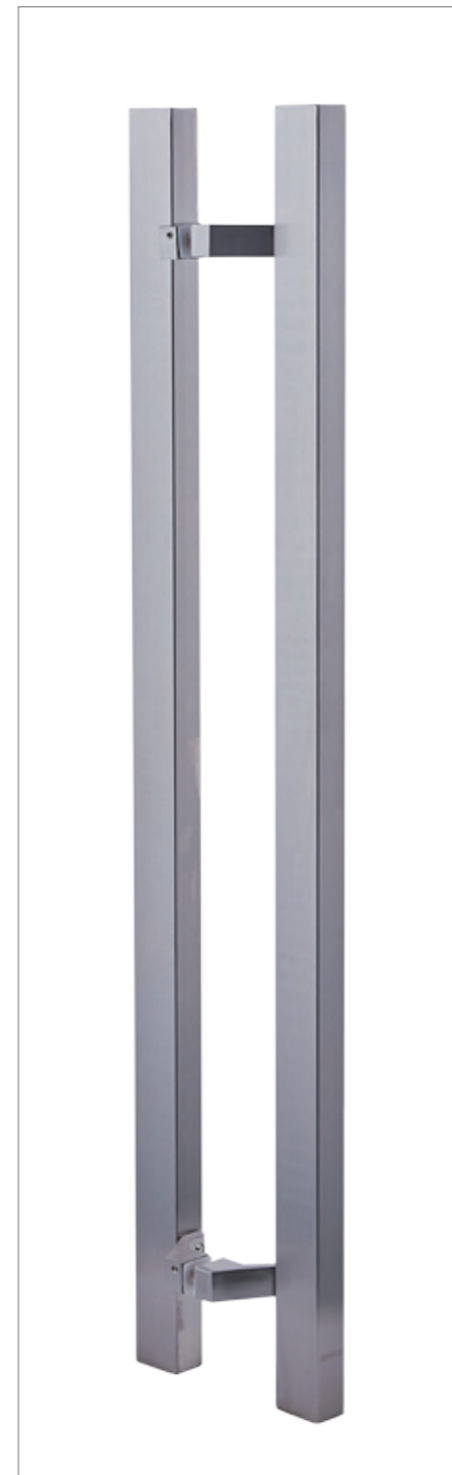
Main Material: S.S 304
 Surface Finish: Mirror / black
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS20908	KLS20910	KLS20912	KLS20915
A(mm)	838	1038	1238	1538
B(mm)	800	1000	1200	1500
C(mm)	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$
D(mm)	97	97	97	97
W(mm)	35.5	35.5	35.5	35.5

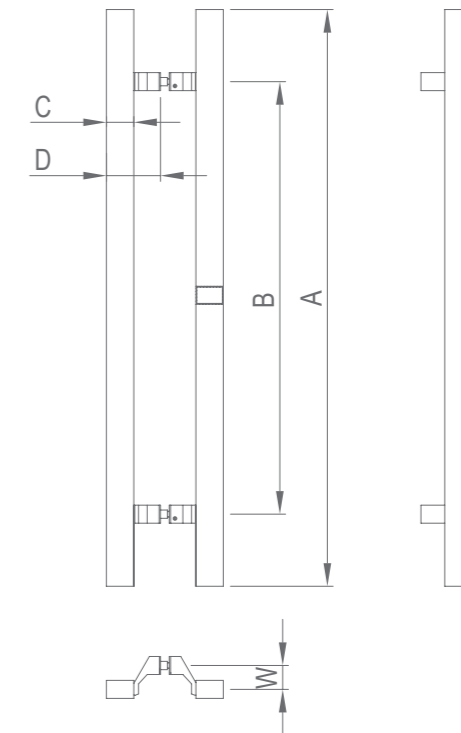


KLS232 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the precision casting S.S 304

Specification



Specification

Code	KLS23210	KLS23212	KLS23215
A(mm)	1000	1200	1500
B(mm)	800	1000	1300
C(mm)	$38^*25^*0.8$	$38^*25^*0.8$	$38^*25^*0.8$
D(mm)	75	75	75
W(mm)	33	33	33

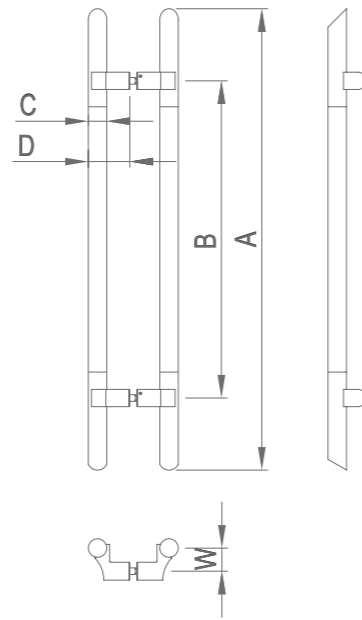


KLS233 Handle

Technical Parameters

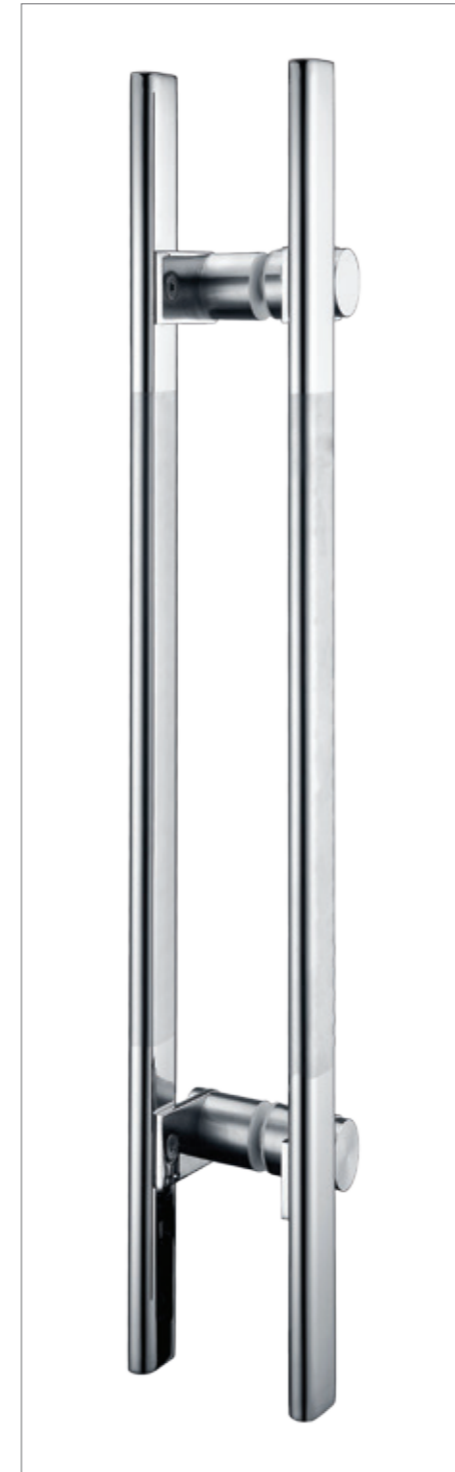
Main Material: S.S 304
 Surface Finish: Mirro / Satin
 [Ends are mirror + middle is satin]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the precision casting S.S 304

Specification



Specification

Code	KLS23308	KLS23310	KLS23312	KLS23315	KLS23318	KLS23320
A(mm)	800	1000	1200	1500	1800	2000
B(mm)	600	800	1000	1300	1500	1700
C(mm)	$\Phi 32*0.8$	$\Phi 32*0.8$	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*1.2$
D(mm)	67	67	74	74	74	74
W(mm)	40	40	40	40	40	40

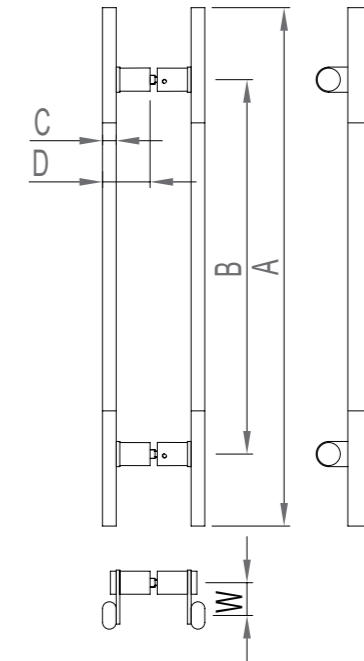


KLS234 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirro / Satin
 [Ends are mirror + middle is satin]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS23408	KLS23410	KLS23412
A(mm)	800	1000	1200
B(mm)	600	800	1000
C(mm)	$19*38*1.2$	$19*38*1.2$	$19*38*1.2$
D(mm)	66	66	66
W(mm)	46	46	46



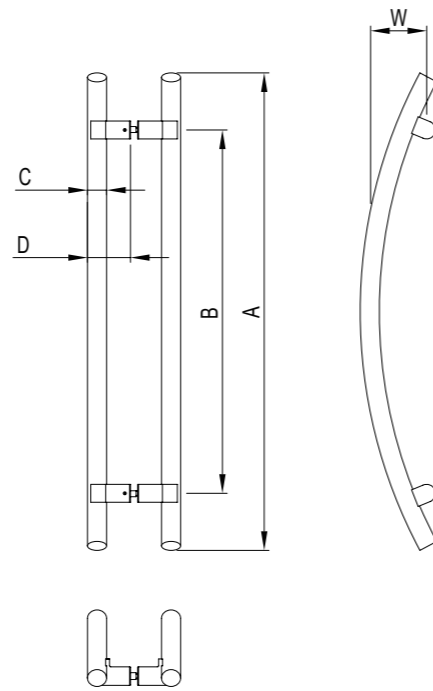
KLS235 Handle

Previous Code LS906

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the precision casting S.S 304

Specification



Specification

Code	KLS23508
A(mm)	800
B(mm)	600
C(mm)	Φ 32*1.2
D(mm)	72
W(mm)	84

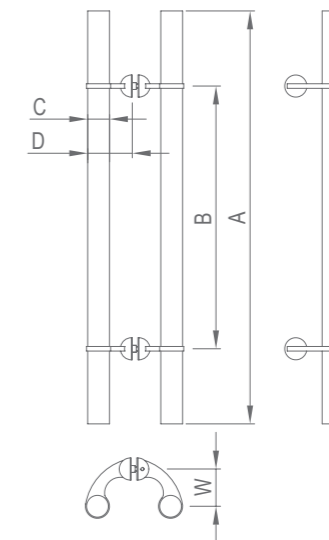


KLS236 Handle

Technical Parameters

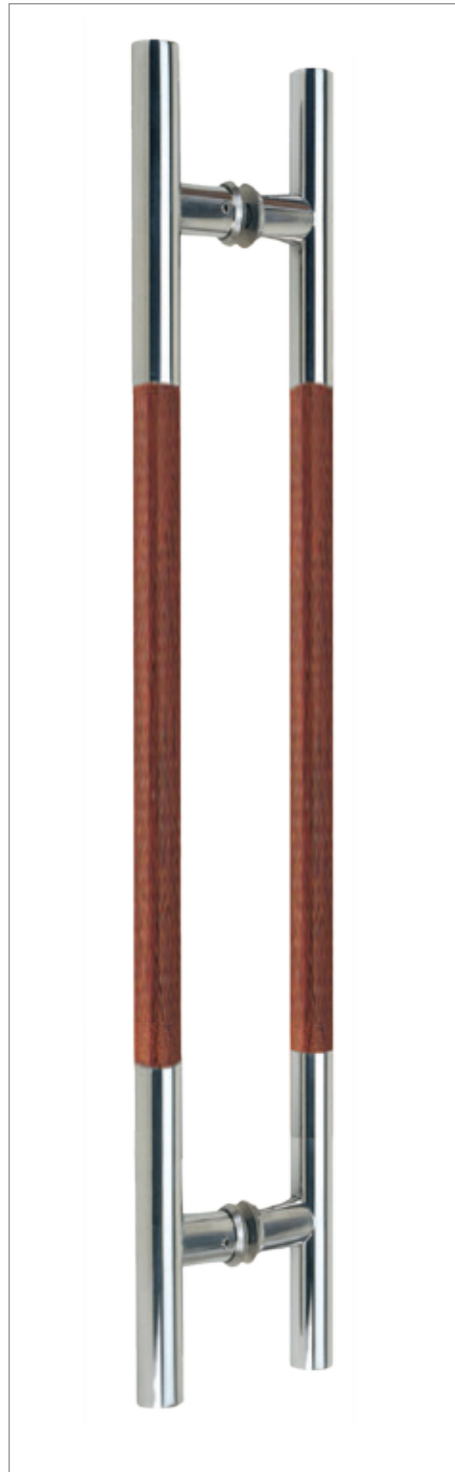
Main Material: S.S 304
 Surface Finish: Mirror (supporter) / Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the precision casting S.S 304

Specification



Specification

Code	KLS23612	KLS23615	KLS23618
A(mm)	1200	1500	1800
B(mm)	800	1100	1400
C(mm)	Φ 38*0.8	Φ 38*0.8	Φ 38*0.8
D(mm)	78	78	78
W(mm)	65	65	65



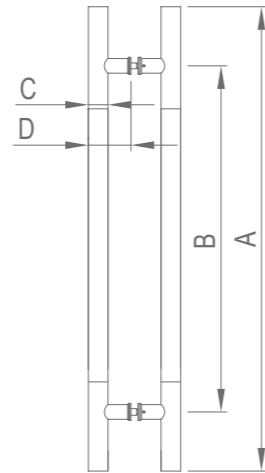
KLS314 Handle

Previous Code LS124F

Technical Parameters

Main Material: S.S 304 / solid wood
 Surface Finish: Satin / Mirror
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



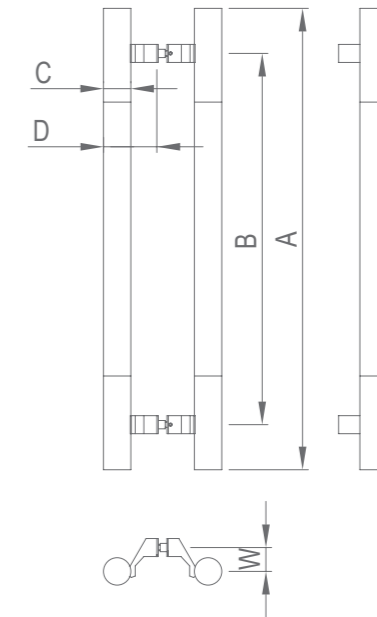
KLS315 Handle

Previous Code LS205

Technical Parameters

Main Material: S.S 304 / solid wood
 Surface Finish: Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS31408	KLS31412	KLS31415
A(mm)	800	1200	1500
B(mm)	600	900	1200
C(mm)	Φ 38*1.2	Φ 38*1.2	Φ 38*1.2
D(mm)	80	80	80

Specification

Code	KLS31508	KLS31512	KLS31515
A(mm)	800	1200	1500
B(mm)	675	850	1300
C(mm)	Φ 38*1.2	Φ 38*1.2	Φ 38*1.2
D(mm)	74	74	74
W(mm)	33	33	33



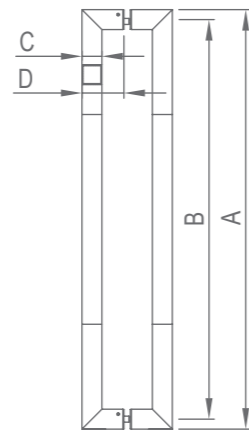
KLS316 Handle

Previous Code LS405

Technical Parameters

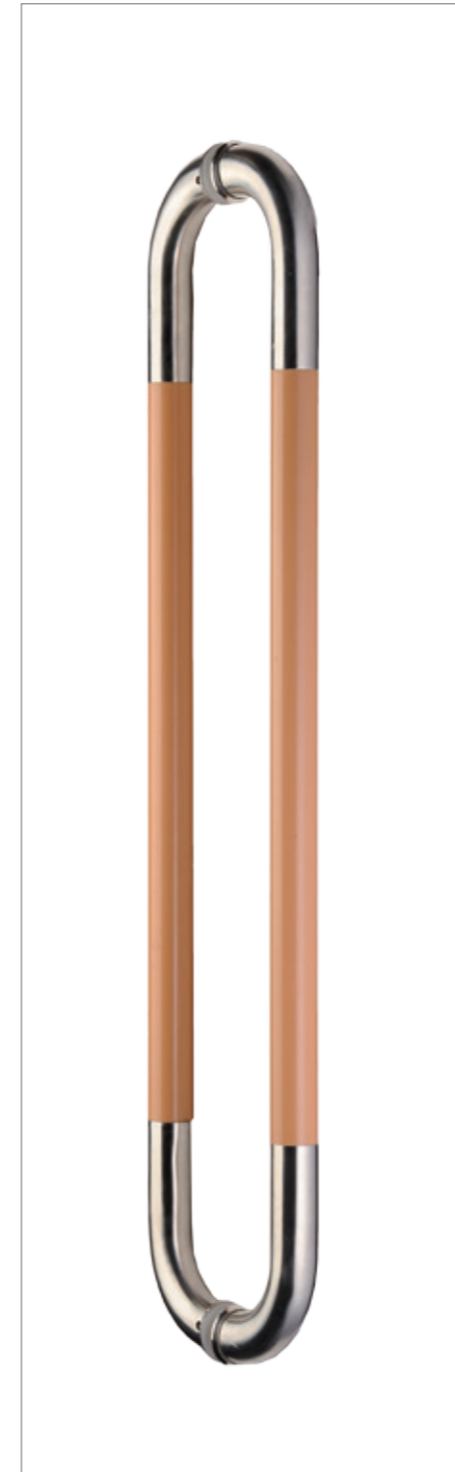
Main Material: S.S 304 / solid wood
 Surface Finish: Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS31608	KLS31612
A(mm)	800	1200
B(mm)	762	1162
C(mm)	38*38*1.2	38*38*1.2
D(mm)	80	80



KLS317 Handle

Previous Code LS433

Technical Parameters

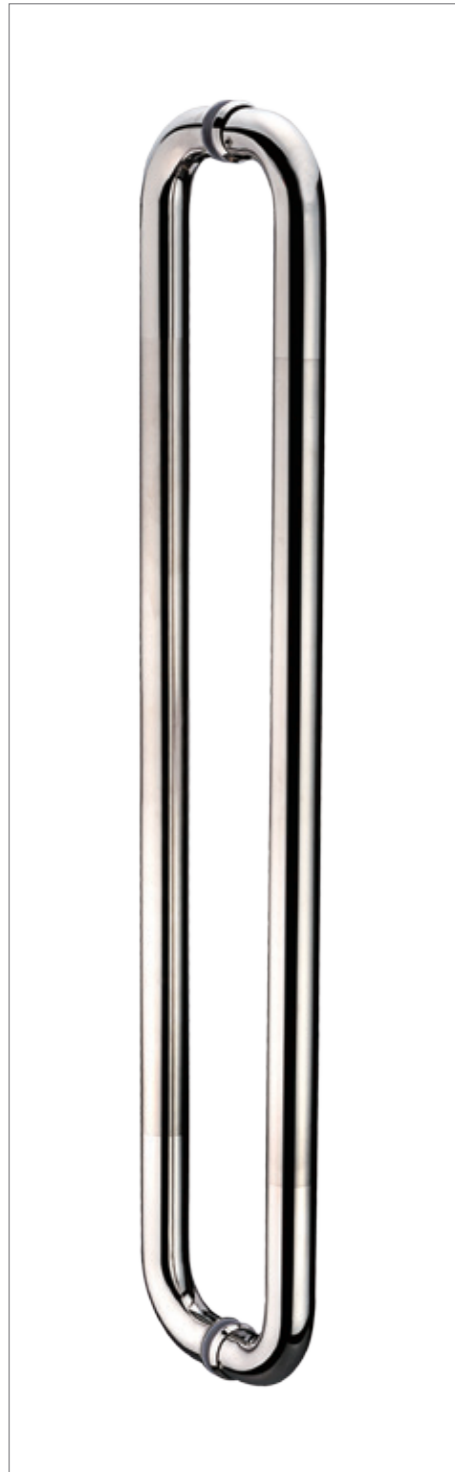
Main Material: S.S 304 / ABS
 Surface Finish: Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS31708	KLS31710	KLS31712
A(mm)	800	1000	1200
B(mm)	768	968	1168
C(mm)	Φ 32*1.2	Φ 32*1.2	Φ 32*1.2
D(mm)	82	82	82

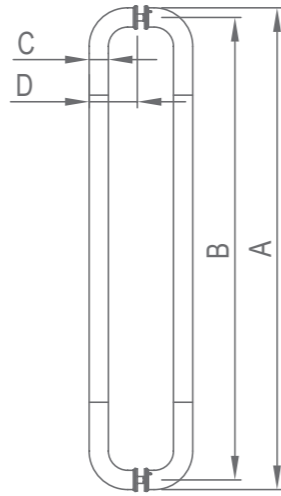


KLS401 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 [Ends are mirror + middle is satin]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS40108	KLS40110	KLS40112	KLS40115	KLS40118	KLS40120
A(mm)	800	1000	1200	1500	1800	2000
B(mm)	768	962	1162	1462	1762	1962
C(mm)	$\Phi 32^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*1.2$	$\Phi 38^*1.2$
D(mm)	82	97	97	97	97	97

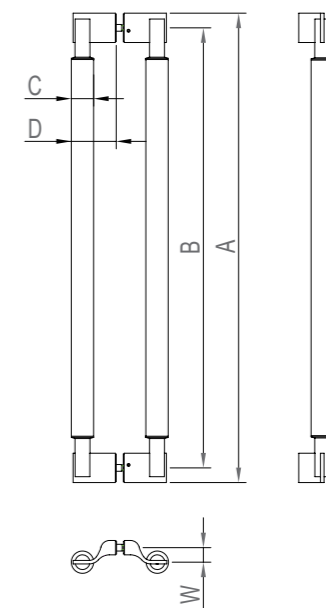


KLS402 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the precision casting S.S 304

Specification



Specification

Code	KLS40208A	KLS40212	KLS40215A	KLS40218A	KLS40220A
A(mm)	800	1200	1500	1800	2000
B(mm)	750	1150	1450	1750	1950
C(mm)	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*0.8$	$\Phi 38^*1.2$
D(mm)	75	75	75	75	75
W(mm)	25	25	25	25	25



KLS404 Handle

Previous Code LS404

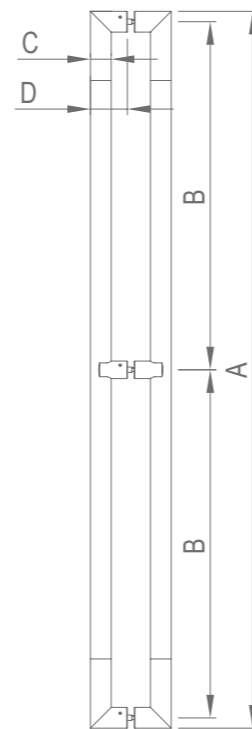
Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 [Ends are mirror + middle is satin]
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



2 point support



3 point support

Specification

Code	KLS40408	KLS40410	KLS40412	KLS40415	KLS40418	KLS40420	KLS40422	KLS40424	KLS40426	KLS40428	KLS40430
A(mm)	800	1000	1200	1500	1800	2000	2200	2400	2600	2800	3000
B(mm)	755	955	1155	1455	1755	1955	2155	2355	1277.5	1377.5	1477.5
C(mm)	45*25*1.2	45*25*1.2	45*25*1.2	45*25*1.2	45*25*1.2	45*25*1.2	45*25*1.5	45*25*1.5	45*25*1.2	45*25*1.2	45*25*1.2
D(mm)	80	80	80	80	80	80	80	80	80	80	80
Supporting point	2 points	2 points	2 points	2 points	2 points	2 points	2 points	2 points	3 points	3 points	3 points

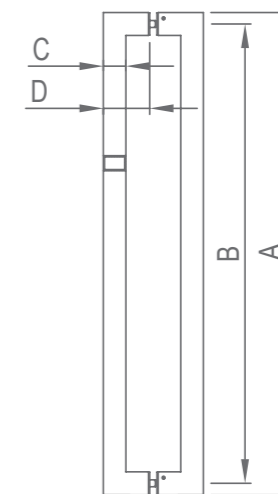


KLS407 Handle

Technical Parameters

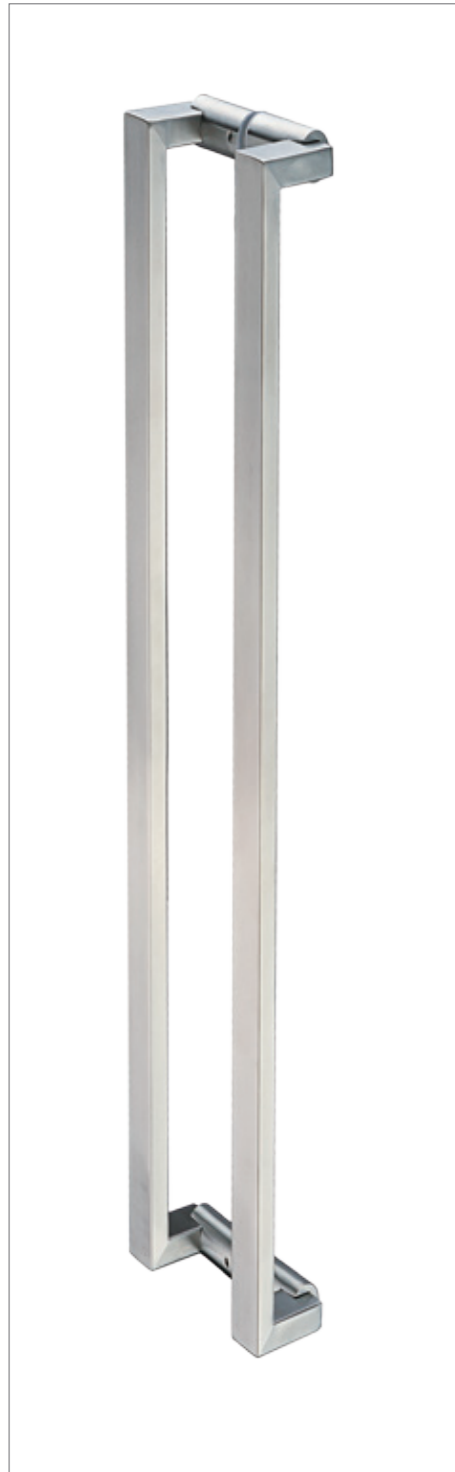
Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS40706A	KLS40708	KLS40710	KLS40712	KLS40715	KLS40718	KLS40720	KLS40722	KLS40724	KLS40726	KLS40728	KLS40730
A(mm)	600	800	1000	1200	1500	1800	2000	2200	2400	2600	2800	3000
B(mm)	562	762	962	1162	1462	1762	1950	2150	2350	2550	2750	2950
C(mm)	38*25*0.8	38*25*0.8	38*25*0.8	38*25*0.8	38*25*0.8	38*25*1.2	50*25*1.2	50*25*1.2	50*25*1.5	50*25*1.5	50*25*2.0	50*25*2.0
D(mm)	78	78	78	78	78	78	90	90	90	90	90	90

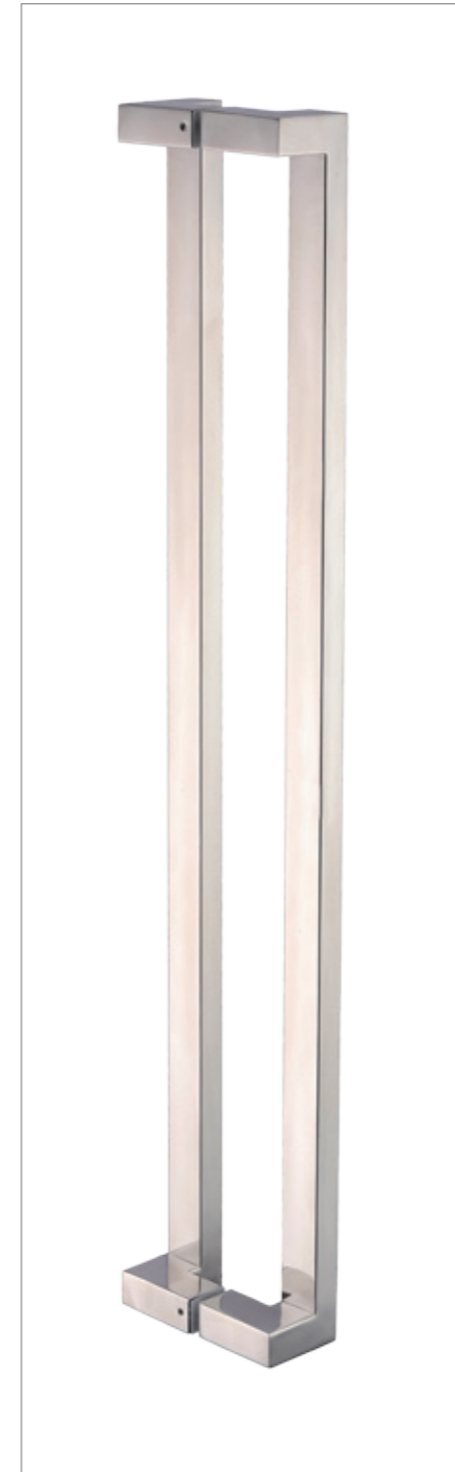
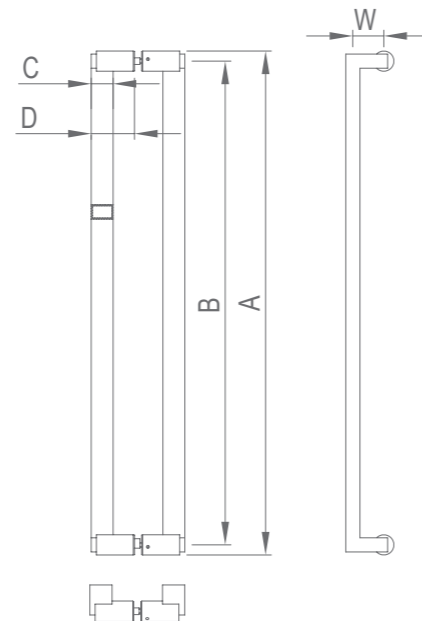


KLS408 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification

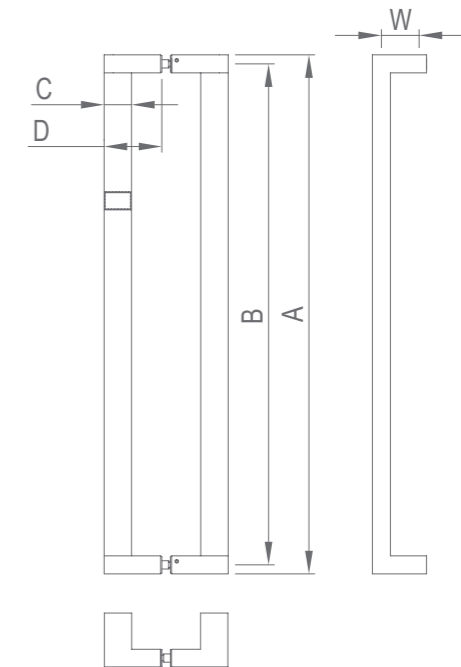


KLS409 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: Φ 14mm(Glass door),
 Φ 10mm(wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS40808	KLS40810	KLS40812	KLS40815	KLS40818	KLS40820	KLS40822	KLS40824	KLS40826	KLS40828	KLS40830
A(mm)	800	1000	1200	1500	1800	2000	2200	2400	2600	2800	3000
B(mm)	765	965	1165	1465	1765	1965	2165	2365	2565	2765	2965
C(mm)	38*25*0.8	38*25*0.8	38*25*0.8	38*25*0.8	38*25*1.2	38*25*1.2	50*25*1.2	50*25*1.5	50*25*1.5	50*25*2.0	50*25*2.0
D(mm)	78	78	78	78	78	78	90	90	90	90	90
W(mm)	45	45	45	45	45	45	45	45	45	45	45

Specification

Code	KLS40908	KLS40910	KLS40912	KLS40915	KLS40918	KLS40920	KLS40922	KLS40924	KLS40926	KLS40928	KLS40930
A(mm)	800	1000	1200	1500	1800	2000	2200	2400	2600	2800	3000
B(mm)	775	975	1175	1475	1775	1975	2175	2375	2575	2775	2975
C(mm)	38*25*0.8	38*25*0.8	38*25*0.8	38*25*0.8	38*25*1.2	38*25*1.2	50*25*1.2	50*25*1.5	50*25*1.5	50*25*2.0	50*25*2.0
D(mm)	78	78	78	78	78	78	90	90	90	90	90
W(mm)	43.5	43.5	43.5	43.5	43.5	43.5	47.5	47.5	47.5	47.5	47.5

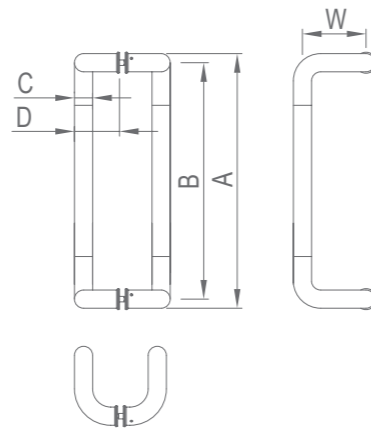


KLS413 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 [Ends are mirror + middle is satin]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS41308	KLS41310	KLS41312
A(mm)	800	1000	1200
B(mm)	762	962	1162
C(mm)	$\Phi 38*1.2$	$\Phi 38*1.2$	$\Phi 38*1.2$
D(mm)	90	90	90
W(mm)	122	122	122

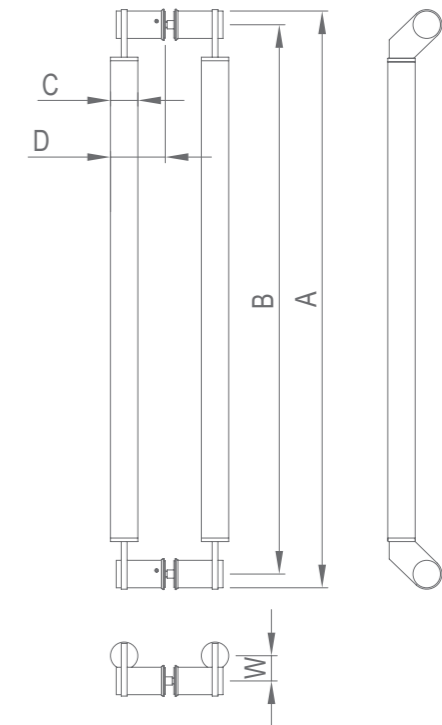


KLS415 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 [Ends are mirror + middle is satin]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the precision casting S.S 304

Specification



Specification

Code	KLS41508	KLS41512	KLS41515	KLS41518	KLS41520
A(mm)	800	1200	1500	1800	2000
B(mm)	762	1162	1462	1762	1962
C(mm)	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*1.2$	$\Phi 38*1.2$
D(mm)	75	75	75	75	75
W(mm)	35	35	35	35	35

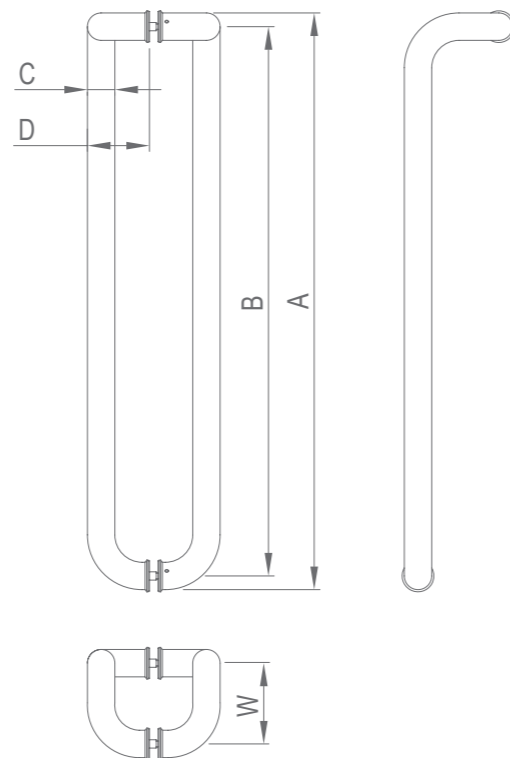


KLS422L/R Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS42212L/R	KLS42215L/R	KLS42218L/R
A(mm)	1200	1500	1800
B(mm)	1162	1462	1762
C(mm)	$\Phi 38*1.2$	$\Phi 38*1.2$	$\Phi 38*1.2$
D(mm)	90	90	90
W(mm)	117	117	117

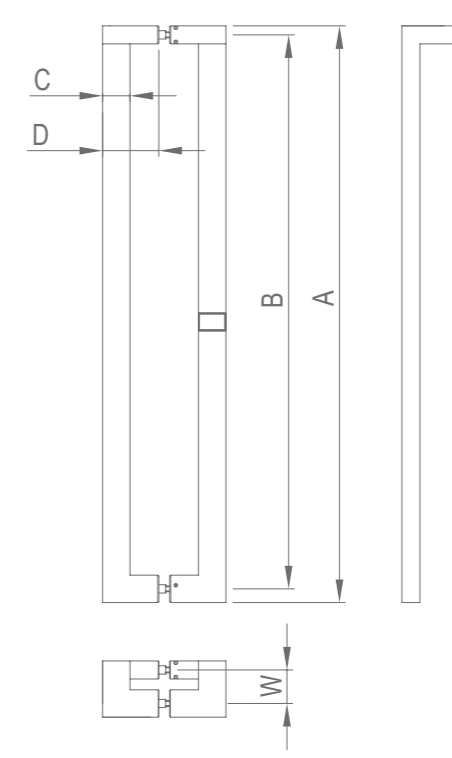


KLS423L/R Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS42312L/R	KLS42315L/R	KLS42318L/R
A(mm)	1200	1500	1800
B(mm)	1168.5	1468.5	1768.5
C(mm)	$38*25*0.8$	$38*25*0.8$	$38*25*1.2$
D(mm)	78	78	78
W(mm)	43.5	43.5	43.5

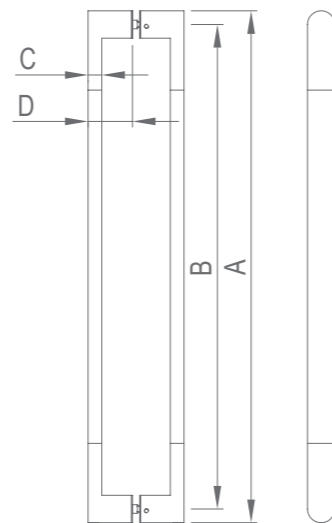


KLS442 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS44208	KLS44210	KLS44212
A(mm)	800	1000	1200
B(mm)	762	962	1162
C(mm)	19*38*1.2	19*38*1.2	19*38*1.2
D(mm)	62	62	62

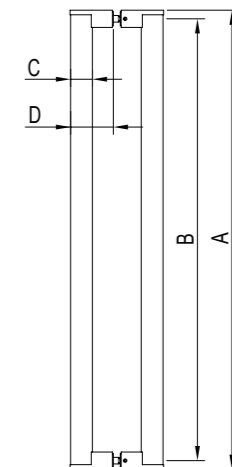


KLS445 Handle (New)

Technical Parameters

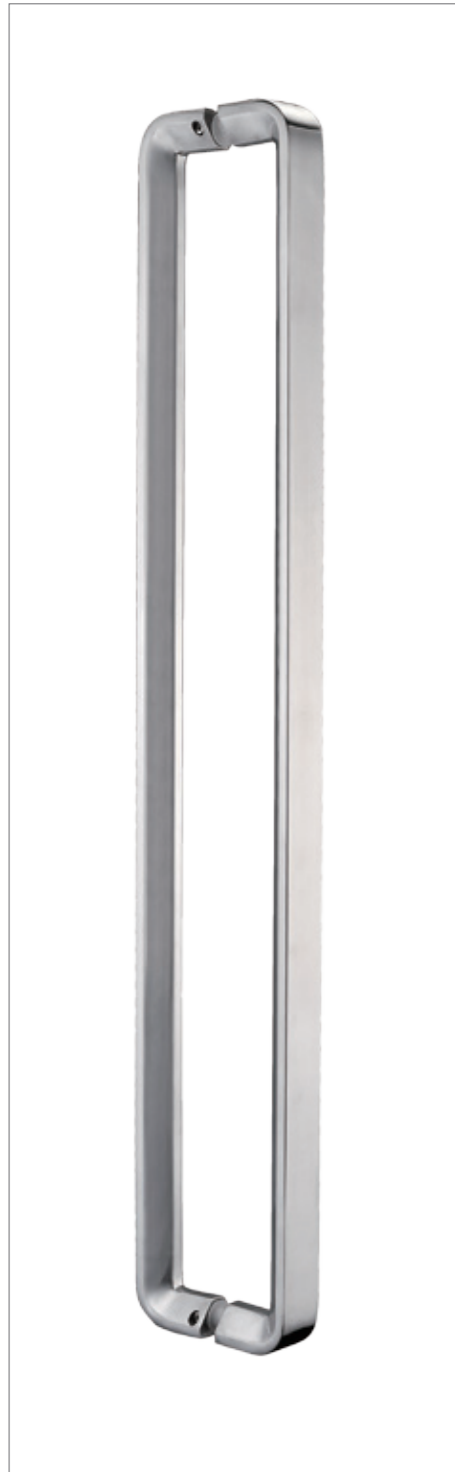
Main Material: S.S 304
 Surface Finish: Mirror / black
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS44508	KLS44510	KLS44512	KLS44515
A(mm)	800	1000	1200	1500
B(mm)	770	970	1170	1470
C(mm)	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$
D(mm)	75	75	75	75



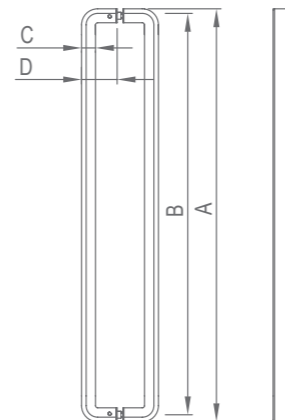
KLS447 Handle

Previous Code LS447

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the precision casting S.S 304

Specification



Specification

Code	KLS44708	KLS44710	KLS44712
A(mm)	800	1000	1200
B(mm)	776	976	1176
C(mm)	24*36*1.2	24*36*1.2	24*36*1.2
D(mm)	62	62	62



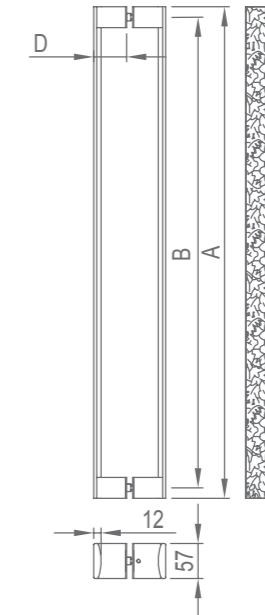
KLS449 Handle

Previous Code LS449

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS44908
A(mm)	800
B(mm)	766
C(mm)	12*57*1.2
D(mm)	54

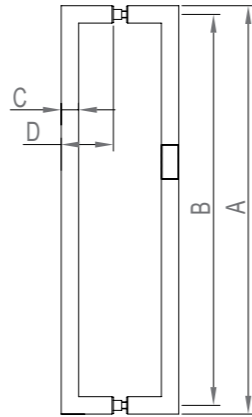


KLS454 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS45408	KLS45410	KLS45412	KLS45415
A(mm)	800	1000	1200	1500
B(mm)	780	980	1180	1480
C(mm)	20*40*0.8	20*40*0.8	20*40*0.8	20*40*0.8
D(mm)	60	60	60	60



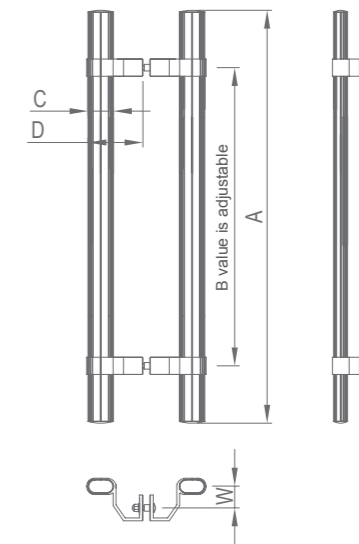
KLS501 Handle

Previous Code LS228B

Technical Parameters

Main Material: Aluminum alloy
 Surface Finish: Dark gray(SW2035), coffee(SW9331),
 black(AD3000-4383236)
 Drilling Size: $\Phi 15\text{mm}$
 Applicable Door Type: glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Note: Center distance B is adjustable in the range of total length A

Specification

Code	KLS50108	KLS50110	KLS50112	KLS50115	KLS50118	KLS50120	KLS50122	KLS50124
A(mm)	800	1000	1200	1500	1800	2000	2200	2400
C(mm)	45*25*1.2	45*25*1.2	45*25*1.2	45*25*1.2	45*25*2.0	45*25*2.0	45*25*2.0	45*25*2.0
D(mm)	96	96	96	96	96	96	96	96
W(mm)	38	38	38	38	38	38	38	38



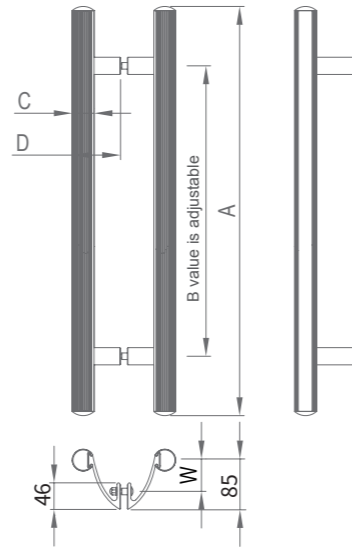
KLS502 Handle

Previous Code LS229A

Technical Parameters

Main Material: Aluminum alloy
 Surface Finish: Dark gray(SW2035), coffee(SW9331),
 black(AD3000-4383236)
 Drilling Size: $\Phi 15\text{mm}$
 Applicable Door Type: glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Note: Center distance B is adjustable in the range of total length A

Specification

Code	KLS50208	KLS50210	KLS50212	KLS50215	KLS50218	KLS50220	KLS50222	KLS50224
A(mm)	800	1000	1200	1500	1800	2000	2200	2400
C(mm)	$\Phi 38 \times 1.2$	$\Phi 38 \times 1.2$	$\Phi 38 \times 1.2$	$\Phi 38 \times 1.2$	$\Phi 38 \times 2.0$	$\Phi 38 \times 2.0$	$\Phi 38 \times 2.0$	$\Phi 38 \times 2.0$
D(mm)	94	94	94	94	94	94	94	94
W(mm)	54	54	54	54	54	54	54	54



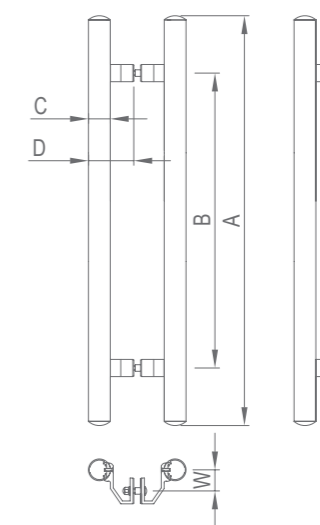
KLS503 Handle

Previous Code LS231

Technical Parameters

Main Material: Aluminum alloy
 Surface Finish: Dark gray(SW2035), coffee(SW9331),
 black(AD3000-4383236)
 Drilling Size: $\Phi 15\text{mm}$
 Applicable Door Type: glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS50312	KLS50315	KLS50318	KLS50320
A(mm)	1200	1500	1800	2000
B(mm)	1000	1300	1600	1800
C(mm)	$\Phi 38 \times 2.0$	$\Phi 38 \times 2.0$	$\Phi 38 \times 2.0$	$\Phi 38 \times 2.0$
D(mm)	80	80	80	80
W(mm)	38	38	38	38

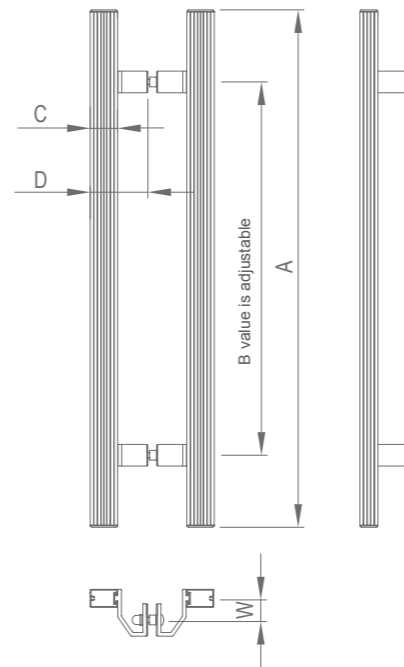


KLS511 Handle

Technical Parameters

Main Material: Aluminum alloy
 Surface Finish: Dark gray(SW2035), coffee(SW9331), black(AD3000-4383236)
 Drilling Size: $\Phi 15\text{mm}$
 Applicable Door Type: glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

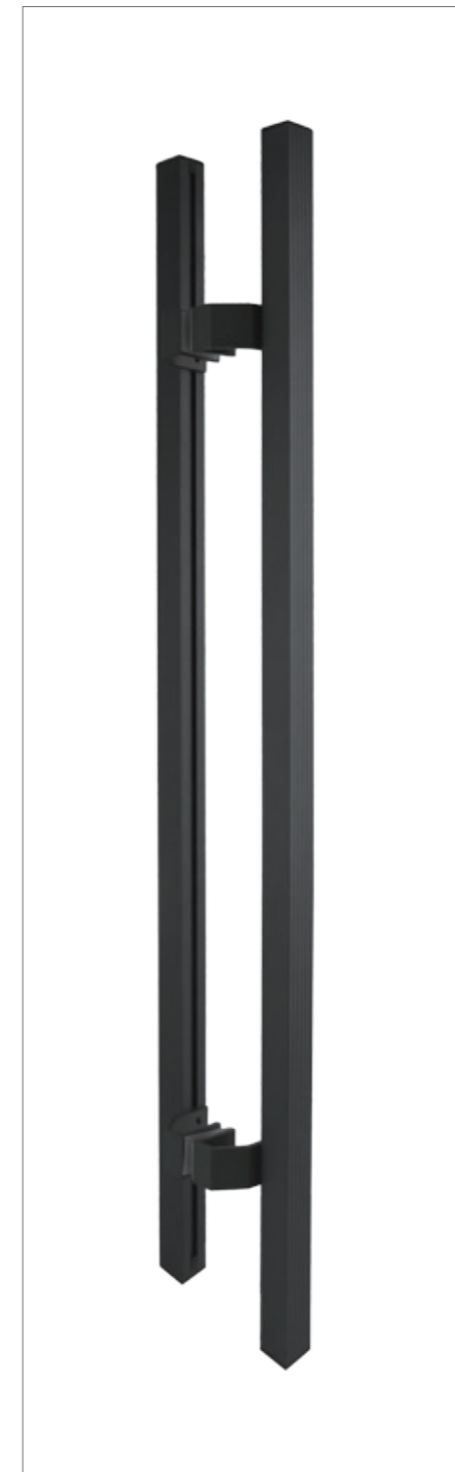
Specification



Note: Center distance B can be adjusted arbitrarily within the range of total length A

Specification

Code	KLS51108	KLS51110	KLS51112	KLS51115	KLS51118	KLS51120	KLS51122	KLS51124
A(mm)	800	1000	1200	1500	1800	2000	2200	2400
C(mm)	38*25*1.2	38*25*1.2	38*25*1.2	38*25*1.2	38*25*2.0	38*25*2.0	38*25*2.0	38*25*2.0
D(mm)	80	80	80	80	80	80	80	80
W(mm)	30	30	30	30	30	30	30	30

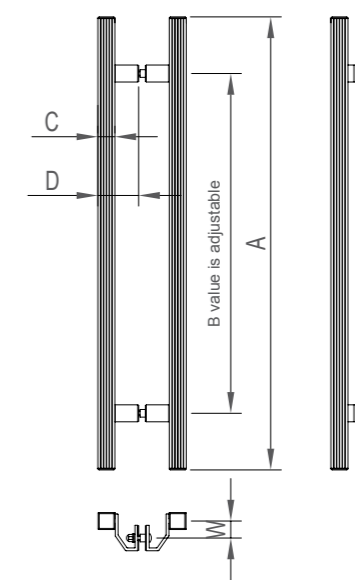


KLS515 Handle

Technical Parameters

Main Material: Aluminum alloy
 Surface Finish: Dark gray(SW2035), coffee(SW9331), black(AD3000-4383236)
 Drilling Size: $\Phi 15\text{mm}$
 Applicable Door Type: glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Note: Center distance B can be adjusted arbitrarily within the range of total length A

Specification

Code	KLS51508	KLS51510	KLS51512	KLS51515
A(mm)	800	1000	1200	1500
C(mm)	30*30*2.0	30*30*2.0	30*30*2.0	30*30*2.0
D(mm)	72	72	72	72
W(mm)	30	30	30	30



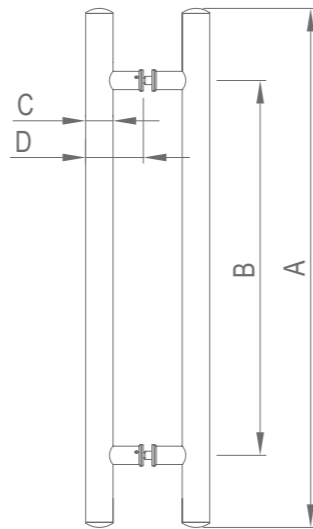
KLS550 Handle

Previous Code LS231A

Technical Parameters

Main Material: Aluminum alloy / Stainless steel
 Surface Finish: Black + Mirror(supporter), coffee + mirror(Supporter)
 Drilling Size: $\Phi 14\text{mm}$ (glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)
 Applicable Door Type: glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS55012	KLS55015	KLS55018	KLS55020
A(mm)	1200	1500	1800	2000
B(mm)	1000	1300	1600	1800
C(mm)	$\Phi 38 \times 2.0$	$\Phi 38 \times 2.0$	$\Phi 38 \times 2.0$	$\Phi 38 \times 2.0$
D(mm)	80	80	80	80



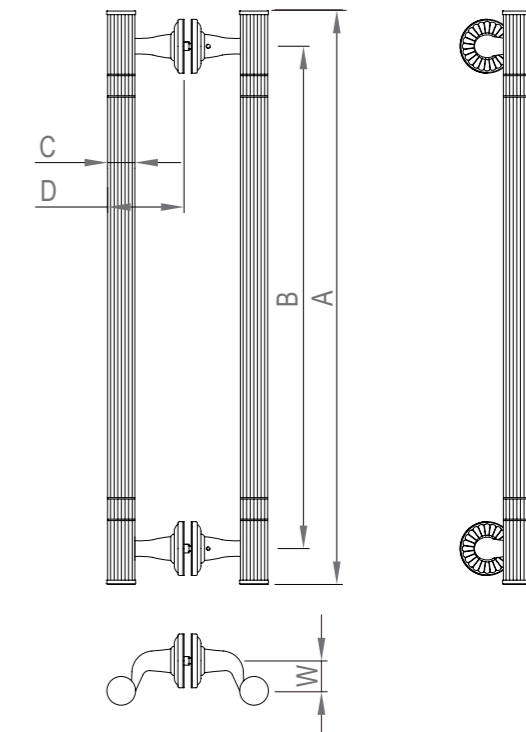
KLS873 Handle

Previous Code LS873

Technical Parameters

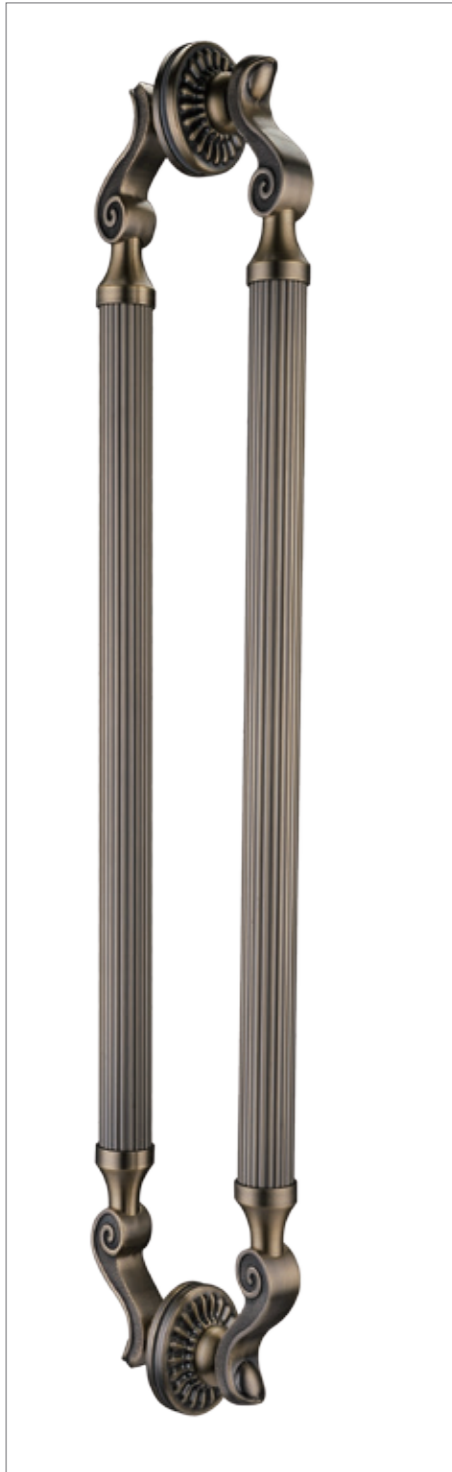
Main Material: S.S 304
 Surface Finish: Red bronze
 Drilling Size: $\Phi 14\text{mm}$ (glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)
 Applicable Door Type: wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS87312	KLS87315
A(mm)	1200	1500
B(mm)	1000	1300
C(mm)	$\Phi 38 \times 1.2$	$\Phi 38 \times 1.2$
D(mm)	104	104
W(mm)	42	42



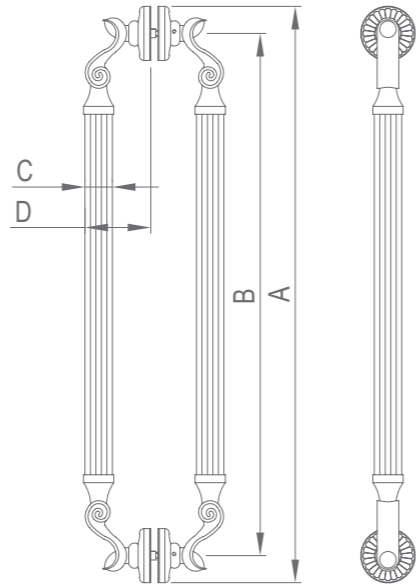
KLS874 Handle

Previous Code LS874

Technical Parameters

Main Material: S.S 304 / copper
 Surface Finish: Green bronze
 Drilling Size: Φ 14mm(glass door)
 Φ 10mm(wooden door, framed door)
 Applicable Door Type: wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS87412	KLS87415
A(mm)	1200	1500
B(mm)	1127	1427
C(mm)	Φ 38*1.2	Φ 38*1.2
D(mm)	90	90

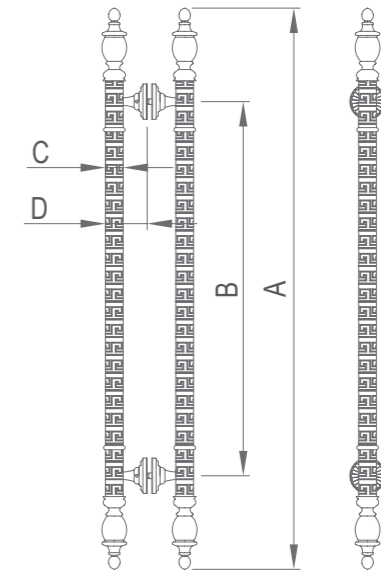


KLS877 Handle

Technical Parameters

Main Material: S.S 304 / Aluminum-Alloy
 Surface Finish: Red bronze
 Drilling Size: Φ 14mm(glass door)
 Φ 10mm(wooden door, framed door)
 Applicable Door Type: wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS87712	KLS87715
A(mm)	1200	1500
B(mm)	800	1100
C(mm)	Φ 38*1.0	Φ 38*1.0
D(mm)	95	95

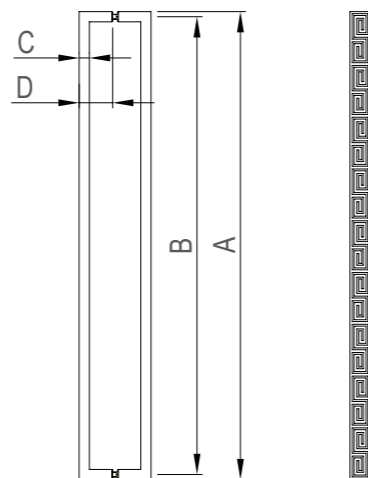


KLS878 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Titanium
 Drilling Size: Φ 14mm(glass door)
 Φ 10mm(wooden door, framed door)
 Applicable Door Type: wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS87812	KLS87818
A(mm)	1200	1800
B(mm)	1175	1775
C(mm)	25*50*1.2	25*50*1.2
D(mm)	70	70

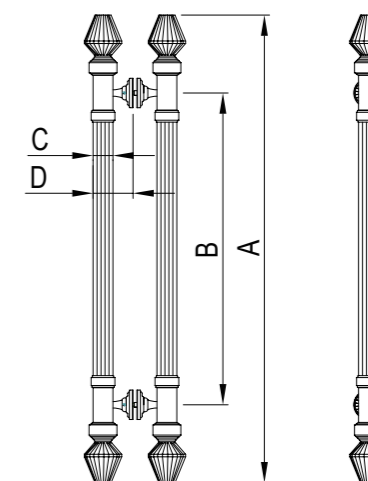


KLS879 Handle

Technical Parameters

Main Material: S.S 304 / Aluminum-Alloy
 Surface Finish: Red bronze
 Drilling Size: Φ 14mm(glass door)
 Φ 10mm(wooden door, framed door)
 Applicable Door Type: wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

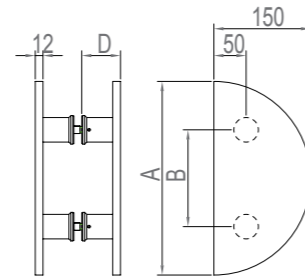
Code	KLS87918	KLS87924
A(mm)	1800	2400
B(mm)	1400	2000
C(mm)	Φ 51*1.0	Φ 51*1.0
D(mm)	110	110

KLS880 Handle

Technical Parameters

Main Material: Aluminum alloy
 Surface Finish: Red bronze
 Drilling Size: $\Phi 14\text{mm}$ (glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)
 Applicable Door Type: wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

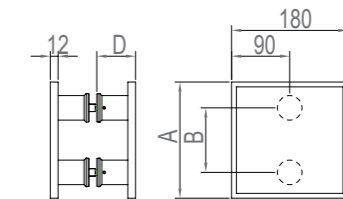
Code	KLS88003
A(mm)	300
B(mm)	150
C(mm)	—
D(mm)	60

KLS881 Handle

Technical Parameters

Main Material: Aluminum alloy
 Surface Finish: Green bronze
 Drilling Size: $\Phi 14\text{mm}$ (glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)
 Applicable Door Type: wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS88102
A(mm)	180
B(mm)	100
C(mm)	—
D(mm)	60

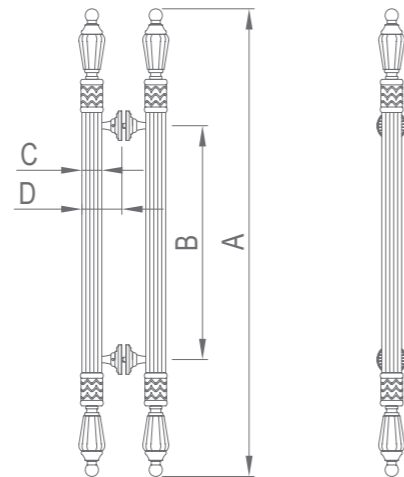


KLS882 Handle

Technical Parameters

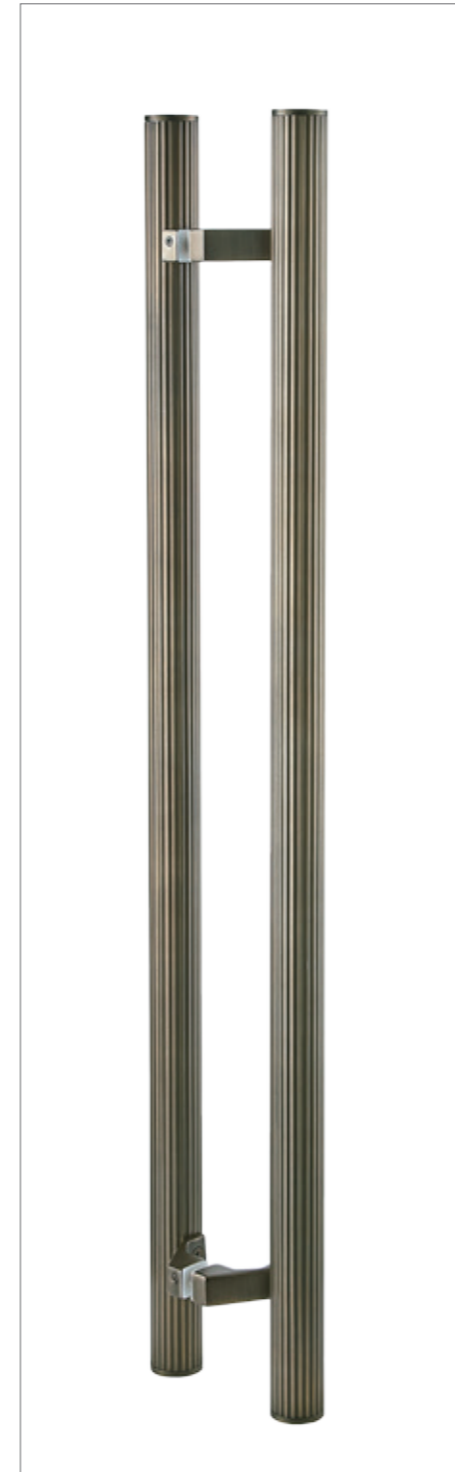
Main Material: S.S 304 / Aluminum alloy
 Surface Finish: Green bronze
 Drilling Size: $\Phi 14\text{mm}$ (glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)
 Applicable Door Type: wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS88212	KLS88218	KLS88224
A(mm)	1200	1800	2400
B(mm)	600	1200	1800
C(mm)	$\Phi 51 \times 1.0$	$\Phi 51 \times 1.0$	$\Phi 51 \times 1.0$
D(mm)	110	110	110

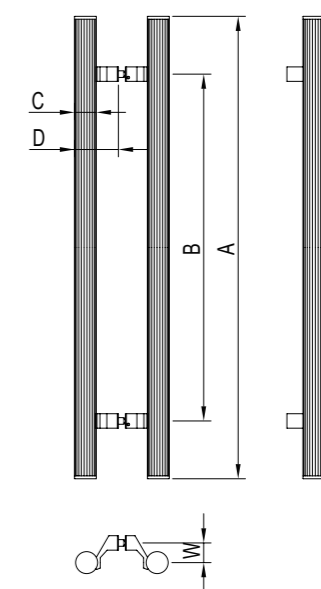


KLS883 Handle (New)

Technical Parameters

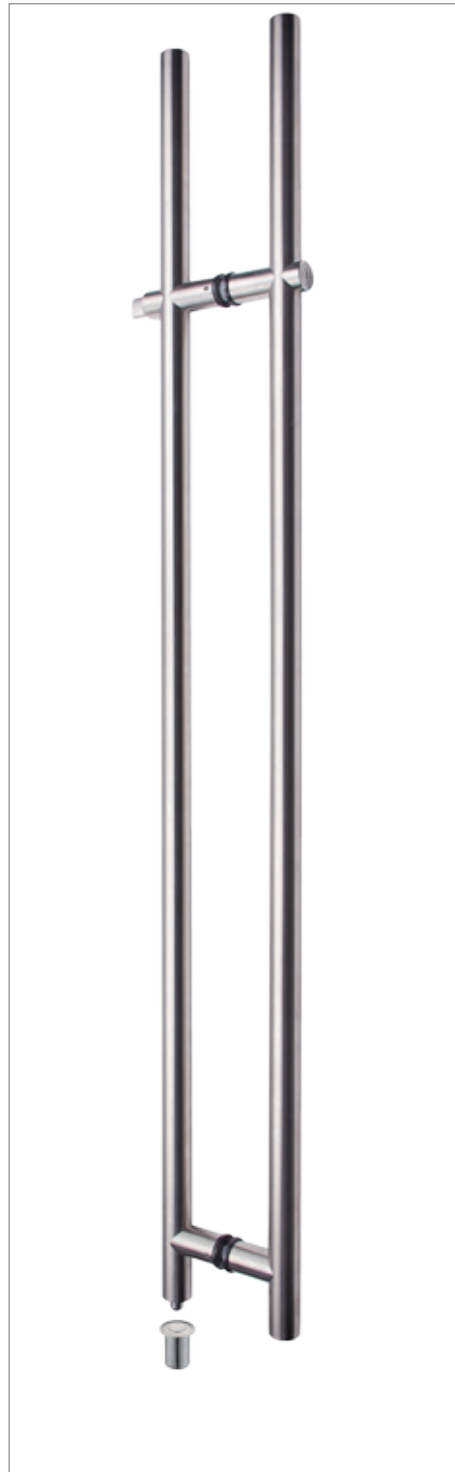
Main Material: S.S 304
 Surface Finish: Green bronze
 Drilling Size: $\Phi 14\text{mm}$ (glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)
 Applicable Door Type: wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS88308	KLS88310	KLS88312	KLS88315	KLS88318
A(mm)	800	1000	1200	1500	1800
B(mm)	600	800	1000	1300	1500
C(mm)	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$
D(mm)	76	76	76	76	76
W(mm)	33	33	33	33	33

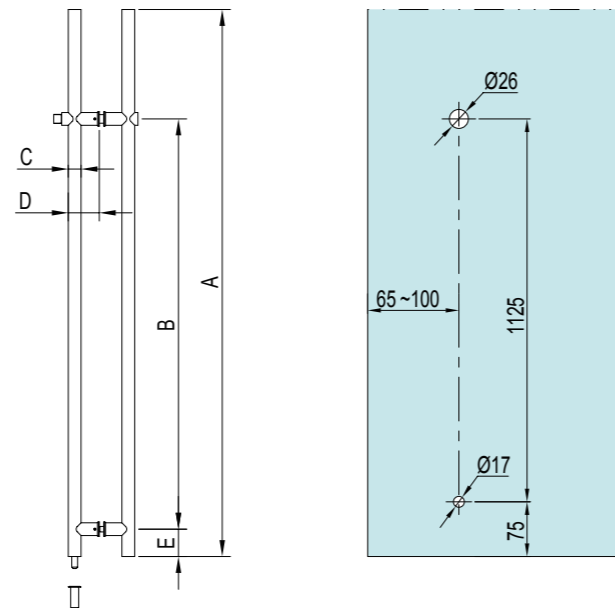


KLS911 Handle with lock (New)

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 26\text{mm}$ (upper end), $\Phi 17\text{mm}$ (lower end)
 Applicable Door Type: glass door
 Applicable Door Thickness: 10~20mm
 It uses the rotary knob to lock and open inside and uses key to lock and open outside.
 When using it inside room, you should press the rotary knob at first before turning the rotary knob.

Specification



Specification

Code	KLS91115
A(mm)	1500
B(mm)	1125
C(mm)	$\Phi 35 \times 1.0$
D(mm)	83
E(mm)	75

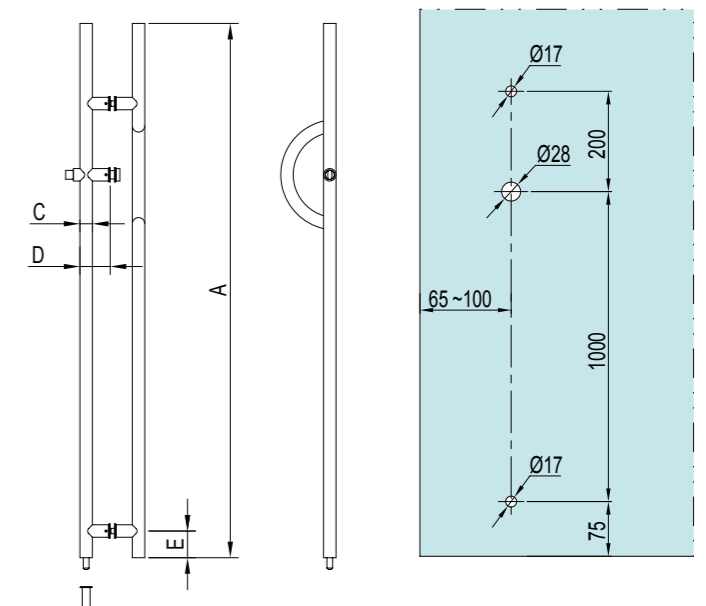


KLS912L/R Handle with lock (New)

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 17\text{mm}$ (upper end), $\Phi 28\text{mm}$ (mid end), $\Phi 17\text{mm}$ (lower end)
 Applicable Door Type: glass door
 Applicable Door Thickness: 10~20mm
 It uses the rotary knob to lock and open inside and uses key to lock and open outside.
 When using it inside room, you should press the rotary knob at first before turning the rotary knob.

Specification



Specification

Code	KLS91215L/R
A(mm)	1500
B(mm)	\
C(mm)	$\Phi 35 \times 1.0$
D(mm)	83
E(mm)	75

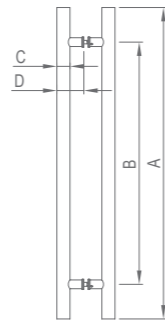


KLS102 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS10203	KLS10204	KLS10205
A(mm)	350	455	500
B(mm)	250	305	350
C(mm)	$\Phi 25^*0.8$	$\Phi 25^*0.8$	$\Phi 25^*0.8$
D(mm)	65	65	65

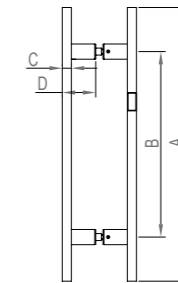


KLS174 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS17403	KLS17404	KLS17405	KLS17406
A(mm)	350	455	500	600
B(mm)	250	305	350	450
C(mm)	$15^*30^*0.8$	$15^*30^*0.8$	$15^*30^*0.8$	$15^*30^*0.8$
D(mm)	55	55	55	55

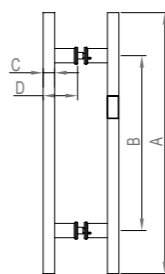


KLS171 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS17103	KLS17104	KLS17105	KLS17106
A(mm)	350	455	500	600
B(mm)	250	305	350	450
C(mm)	$20^*40^*0.8$	$20^*40^*0.8$	$20^*40^*0.8$	$20^*40^*0.8$
D(mm)	60	60	60	60

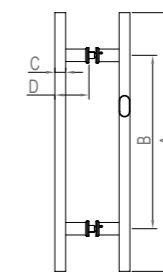


KLS176 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS17603	KLS17604	KLS17605	KLS17606
A(mm)	350	455	500	600
B(mm)	250	305	350	450
C(mm)	$19^*38^*0.8$	$19^*38^*0.8$	$19^*38^*0.8$	$19^*38^*0.8$
D(mm)	60	60	60	60

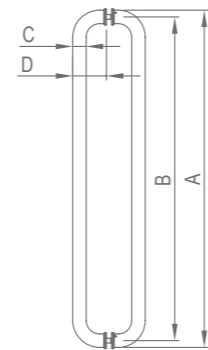


KLS401 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS40102	KLS40103	KLS40104	KLS40106
A(mm)	275	330	482	632
B(mm)	250	305	450	600
C(mm)	$\Phi 25^*0.8$	$\Phi 25^*0.8$	$\Phi 32^*0.8$	$\Phi 32^*0.8$
D(mm)	72	72	82	82

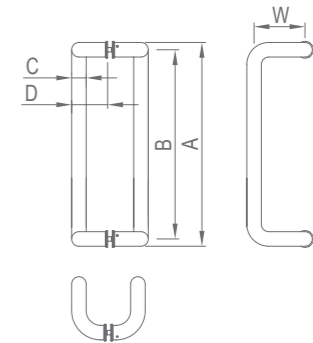


KLS413 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS41302	KLS41303	KLS41304	KLS41306
A(mm)	275	330	482	632
B(mm)	250	305	450	600
C(mm)	$\Phi 25^*0.8$	$\Phi 25^*0.8$	$\Phi 32^*0.8$	$\Phi 32^*0.8$
D(mm)	70	70	80	80
W(mm)	86	86	95	95



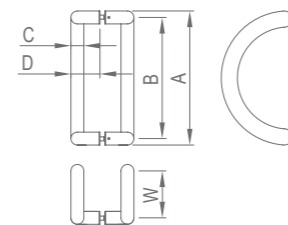
KLS412 Handle

Previous Code LS908

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS41203
A(mm)	332
B(mm)	300
C(mm)	$\Phi 32^*1.2$
D(mm)	72
W(mm)	128

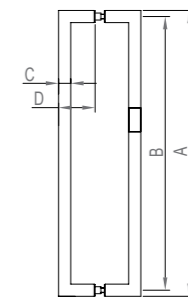


KLS454 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS45402	KLS45403	KLS45404	KLS45406
A(mm)	270	325	470	600
B(mm)	250	305	450	580
C(mm)	$20^*40^*0.8$	$20^*40^*0.8$	$20^*40^*0.8$	$20^*40^*0.8$
D(mm)	60	60	60	60

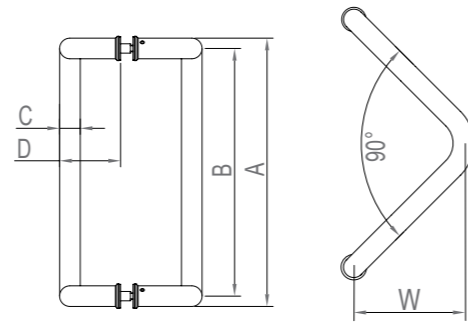


KLS457 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10-50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS45703	KLS45704
A(mm)	330	482
B(mm)	305	450
C(mm)	$\Phi 25 \times 0.8$	$\Phi 32 \times 0.8$
D(mm)	70	80
W(mm)	135	205

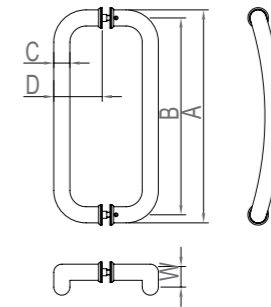


KLS459 Handle (New)

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 Drilling Size: $\Phi 14\text{mm}$ (Glass door),
 $\Phi 10\text{mm}$ (wooden door, framed door),
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10-50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]

Specification



Specification

Code	KLS45903
A(mm)	330
B(mm)	305
C(mm)	$\Phi 25 \times 0.8$
D(mm)	75
W(mm)	23



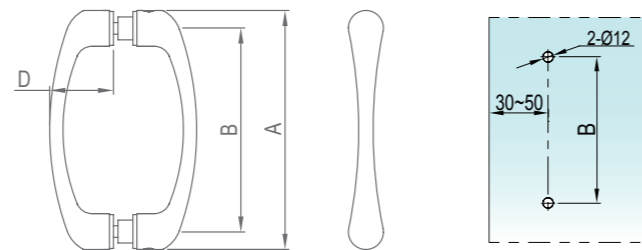
KLS45001 Handle

Previous Code ZDM12

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin / Mirror
 Drilling Size: $\Phi 12\text{mm}$
 Applicable Door Type: Glass folding door, Glass sliding door
 Applicable Door Thickness: 8~12mm

Specification



Specification

Code	KLS45001
A(mm)	125
B(mm)	105
C(mm)	—
D(mm)	30



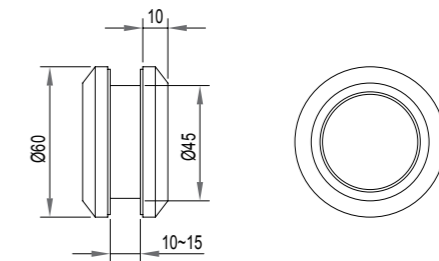
KLS93104 Concealed handle

Previous Code TL616

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 47\text{mm}$
 Applicable Door Type: Glass sliding door
 Applicable Door Thickness: 10~15mm

Specification

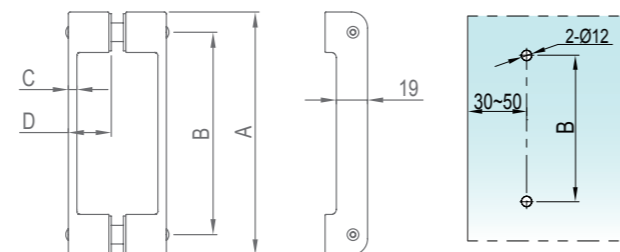


KLS45201 Handle

Technical Parameters

Main Material: zinc alloy
 Surface Finish: **Flash silver (SH-A74649)**
 Drilling Size: $\Phi 12\text{mm}$
 Applicable Door Type: Glass folding door, Glass sliding door
 Applicable Door Thickness: 10~12mm

Specification



Specification

Code	KLS45201
A(mm)	150
B(mm)	125
C(mm)	-
D(mm)	27

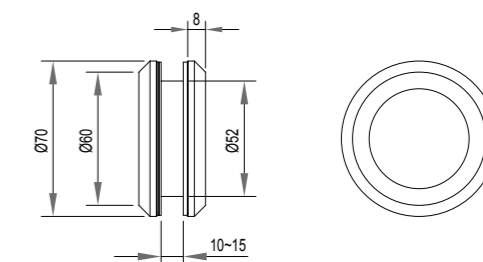


KLS93105 Concealed handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Drilling Size: $\Phi 54\text{mm}$
 Applicable Door Type: Glass sliding door
 Applicable Door Thickness: 10~15mm

Specification



Door Handle

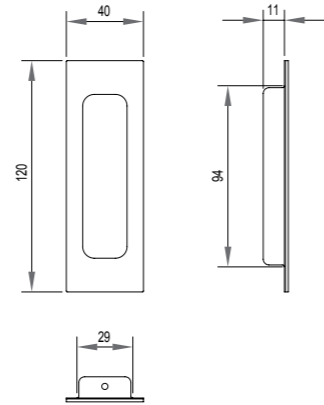


KLS93502 Concealed handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden sliding door
 Slotting dimension: 94*29*11mm

Specification

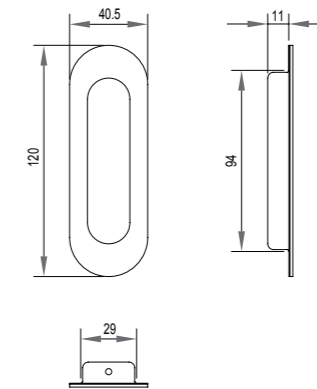


KLS93504 Concealed handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden sliding door
 Slotting dimension: 94*29*11mm

Specification

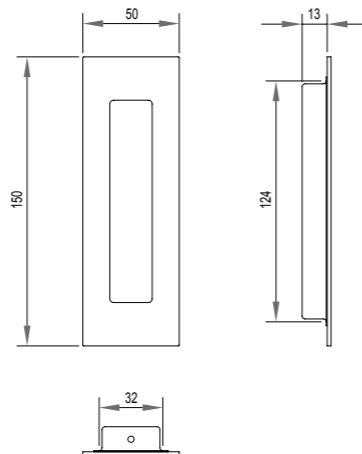


KLS93503 Concealed handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden sliding door
 Slotting dimension: 124*32*13mm

Specification

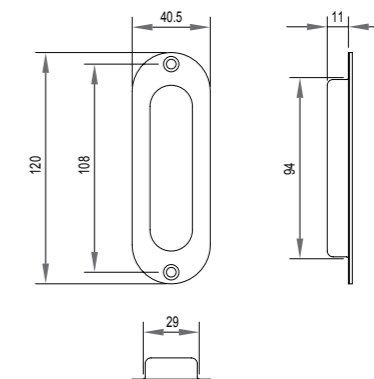


KLS93505 Concealed handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden sliding door
 Slotting dimension: 94*29*11mm

Specification



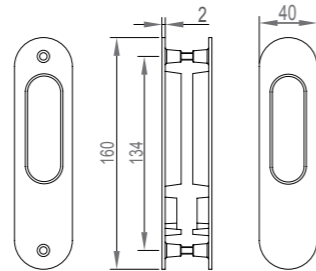


KLS93506 Concealed handle

Technical Parameters

Main Material: zinc alloy
 Surface Finish: Red bronze or Green bronze
 Applicable Door Type: Wooden sliding door
 Slotting dimension: 148*30mm
 Applicable door leaf thickness: 30~50mm

Specification

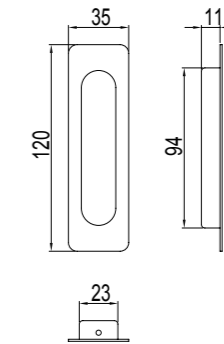


KLS93509 Concealed handle (New)

Technical Parameters

Main Material: S.S 304
 Surface Finish: Sprayed black(Color number: AD3000-4383236)
 Applicable Door Type: Wooden sliding door
 Slotting dimension: 94*23*11mm

Specification

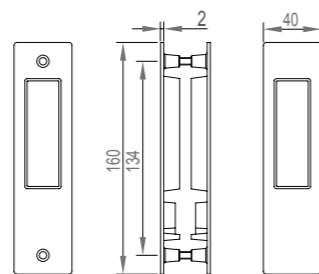


KLS93508 Concealed handle

Technical Parameters

Main Material: zinc alloy
 Surface Finish: Red bronze or Green bronze
 Applicable Door Type: Wooden sliding door
 Slotting dimension: 148*30mm
 Applicable door leaf thickness: 30~50mm

Specification

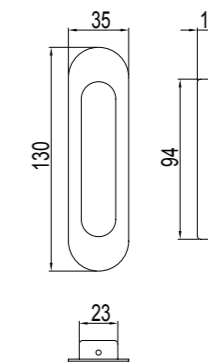


KLS93510 Concealed handle (New)

Technical Parameters

Main Material: S.S 304
 Surface Finish: Sprayed black(Color number: AD3000-4383236)
 Applicable Door Type: Wooden sliding door
 Slotting dimension: 94*23*11mm

Specification



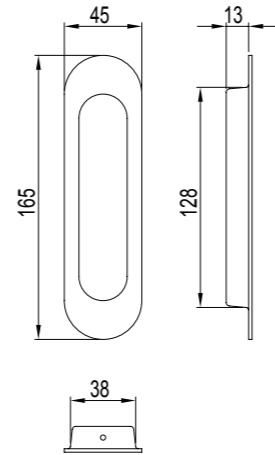


KLS93511 Concealed handle (New)

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden sliding door
 Slotting dimension: 129*39*14mm

Specification

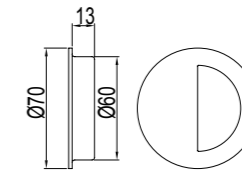


KLS93513 Concealed handle (New)

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden sliding door
 Slotting dimension: $\Phi 61 \times 14 \text{mm}$

Specification

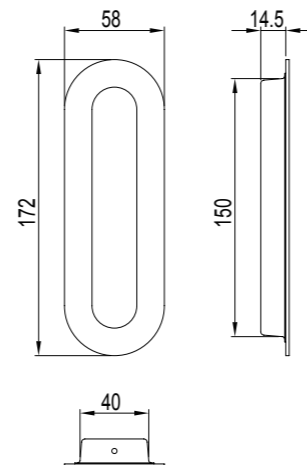


KLS93512 Concealed handle (Nwe)

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden sliding door
 Slotting dimension: 151*41*15.5mm

Specification

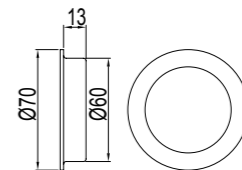


KLS93514 Concealed handle (Nwe)

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden sliding door
 Slotting dimension: $\Phi 61 \times 14 \text{mm}$

Specification

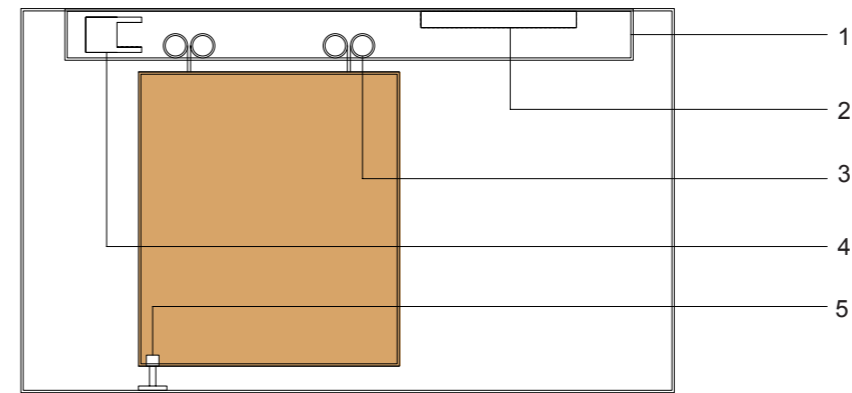


09

Sliding door system

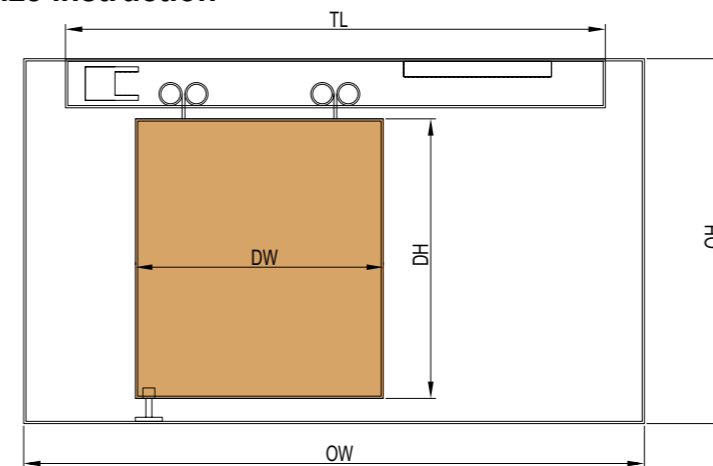


Noun definition



- 1-Hanging rail
Use with hanging wheel to guide the running direction of sliding door
- 2-Buffer
Also called damper, used in sliding door operation, it can make the door leaf close slowly
- 3-Hanging wheel assembly
Sliding door operation and load-bearing components, usually composed of pulleys, bodies, fixing plates or glass clamps
- 4-Limit piece / locating piece
Limiting parts are accessories used to limit the sliding door travel, without positioning function; positioning parts are accessories used to limit the sliding door travel, with positioning function
- 5-Bottom guide fitting
Used to reduce swing of sliding door during operation
- 6-Decorative plates
For covering hanging rails, upper door seams and exposed accessories, with decorative function

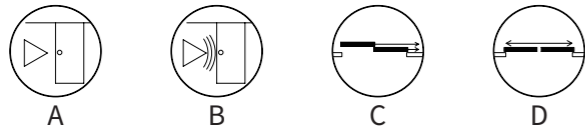
Size instruction



- | | | | |
|---------------------|----|---------------------|----|
| Door leaf width | DW | Door opening width | OW |
| Door leaf height | DH | Door opening height | OH |
| Hanging rail length | TL | | |

Functions

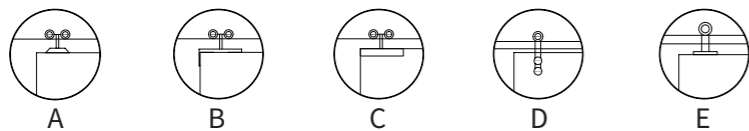
- A-Standard sliding door: single / double doors open in one direction
- B-buffer sliding door: when the door leaf is opened or closed, there is a buffer effect
- C-Synchronous co-directional linkage door: When one door is pulled, the other (multiple) is opened in the same direction
- D-Synchro-opposite linkage door: When one door is pulled, the other (multiple) is opened in the opposite direction



Common fixing types for hanging wheel and door leaf

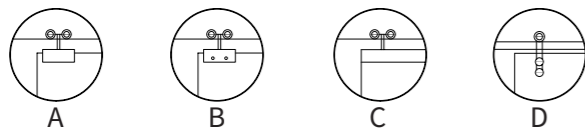
Wooden sliding door

- A-line plate type: installed at a distance from the end of the door leaf
- B-L type: installed at the end of the door leaf
- C-U Slot Type: Installed at the end of the door leaf, the door leaf needs to be slotted, hidden installation
- D-Bracket type: installed on the front of the door leaf, the door leaf needs to drill holes
- E-Bracket type: installed at a distance from the end of the door leaf



Glass sliding door

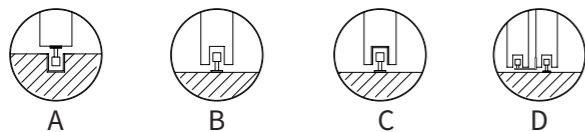
- A- short patch type: installed at a distance from the end of the door leaf, no need to open the glass
- B-Short patch hole type: installed at a distance from the end of the door leaf, the glass needs to drill holes
- C-Long patch type: The glass patch is generally the same width as the door leaf
- D-Bracket type: installed on the front of the door leaf, the glass needs to drill holes



Common installation types of Door bottom guide fitting

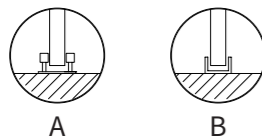
Wooden sliding door

- A-Floor slotted lower guide rail: Door bottom guide fitting is installed at the bottom of the door leaf
- B-Floor-mounted Door bottom guide: slotted in the bottom of the door leaf
- C-Floor-mounted Door bottom guide: slotted bottom guide rail for bottom guide door
- D-Floor-mounted Door bottom guide fitting: L-shaped Door bottom guide on door leaf (for linkage door only)



Glass sliding door

- A-Floor-mounted Door bottom guide, double-side guide wheel structure
- B-Floor-mounted Door bottom guide, guide slot structure



List of hanging rails

No.	Hanging Rail	Model Picture	Outline Drawing	Applicable to Product Model
1	KYN11101			KYN52200, KYN52400
2	KYN51501			KYN51100, KYN51200, KYN51400 KYN13200, KYN12300, KYN11400
3	KYN51901			KYN59010, KYN11900
4	KYN52501			KYN55010, KYN57010, KYN12500, KYN17010
5	KYN91001			KYN63010, KYN63020, KYN63030, KYN23010, KYN5221L, KYN5231L, KYN5222L
6	KYN91003			KYN6301H, KYN6303H, KYN6305H, KYN6302H KYN6304H, KYN6306H, KYN2301H, KYN2302H
7	KYN91005			KYN62010, KYN62020, KYN62030, KYN64010 KYN64020, KYN64030, KYN21010, KYN22030 KYN22010, KYN22020, KYN24010, KYN24020
8	KYN91006			KYN62040, KYN64040
9	KYL53251H-01			KYN5122H, KYN6206H, KYN5142H, KYN1122H, KYN1142H, KYN5121L, KYN5131L
10	KYL53260H-01			KYN6205H, KYN5122L

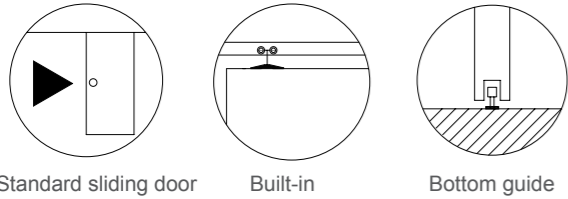
List of Bottom guide rails

No.	Bottom guide rails	Model Picture	Outline Drawing	Applicable to Product Model
1	KZD24200-05			<p>Necessary Accessories KYN5121L, KYN5131L, KYN5122L KYN5221L, KYN5231L, KYN5222L</p> <p>Necessary Accessories KYN63010, KYN63020, KYN63030, KYN6301H KYN6303H, KYN6305H, KYN5122H, KYN6206H KYN6205H, KYN6302H, KYN6304H, KYN6306H KYN5142H, KYN2301H, KYN1122H, KYN2302H KYN1142H</p>

Standard wooden sliding door KYN51100

Applicable maximum door weight 60Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Height adjustable ± 5 mm, eliminating some site folerance



Technical Parameters

Applicable maximum door weight	60Kg
Applicable minimum door thickness	35mm
Applicable door height	≤ 2300 mm

Main Material and Surface Finish

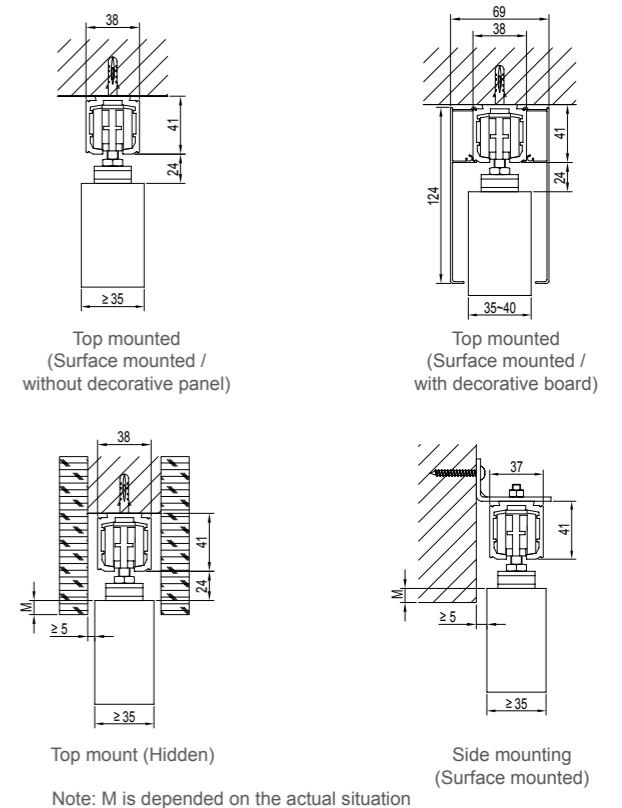
Hanging wheel body	High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Lifting bracket	High-quality carbon steel (white zinc plating)
Positioning parts	High-strength engineering plastic (white)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

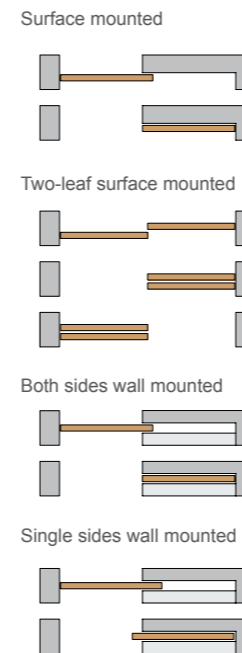
No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN51100
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	hanging rail		1 pcs	KYN51501 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Installation form diagram



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

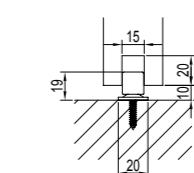
Concealed Handle	1Set(See P251-P256)
special concealed handles	1Set
Sliding door lock	1Set(SeeP168)
Decorative plates	1Pcs or 2Pcs(Code KYN51506)

Dimension definition

Door leaf width	DW	DH=OH-75
Door opening width	OW	FW=OW/2+50
Fixed leaf width	FW	DW=FW-55
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

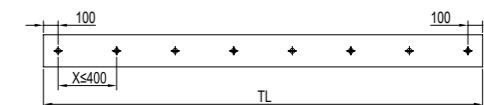
Calculation formula (single door)

Door bottom guide installation diagram



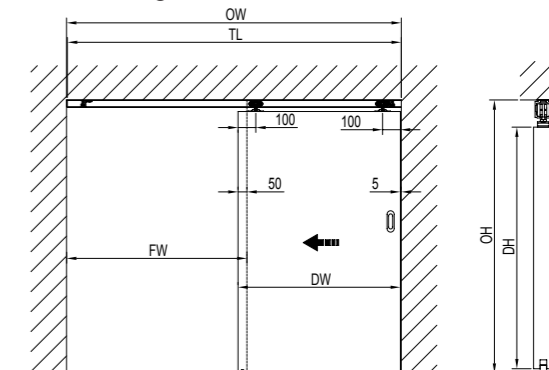
Standard configuration

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

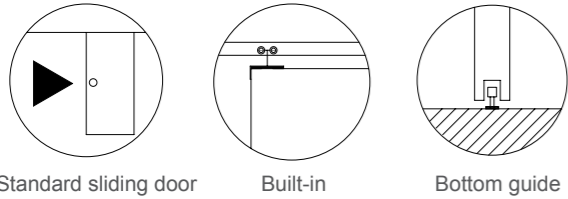
Installation diagram



Standard wooden sliding door KYN51200

Applicable maximum door weight 80Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2400 mm

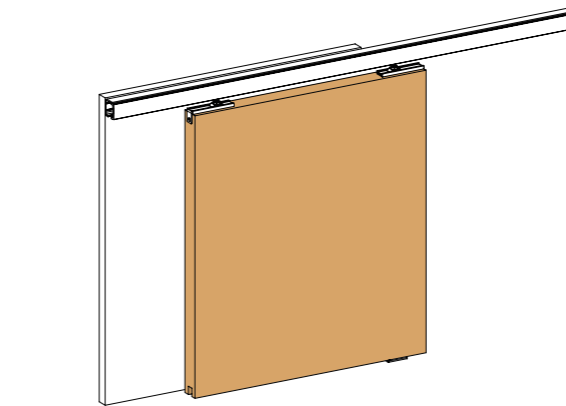
Main Material and Surface Finish

Hanging wheel body	High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Side mounting bracket	Stainless steel (matt)
Fixed plate	Stainless steel (matt)
Positioning parts	High-strength engineering plastic (white)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

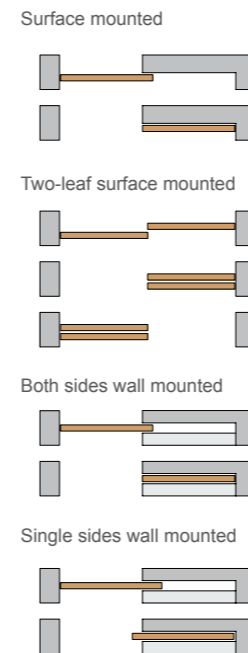
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN51200
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN51501 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

Concealed Handle	1Set(See P251-P256)
Special concealed handles	1Set
Sliding door lock	1Set(SeeP168)
Decorative plates	1Pcs or 2Pcs(Code KYN51506)

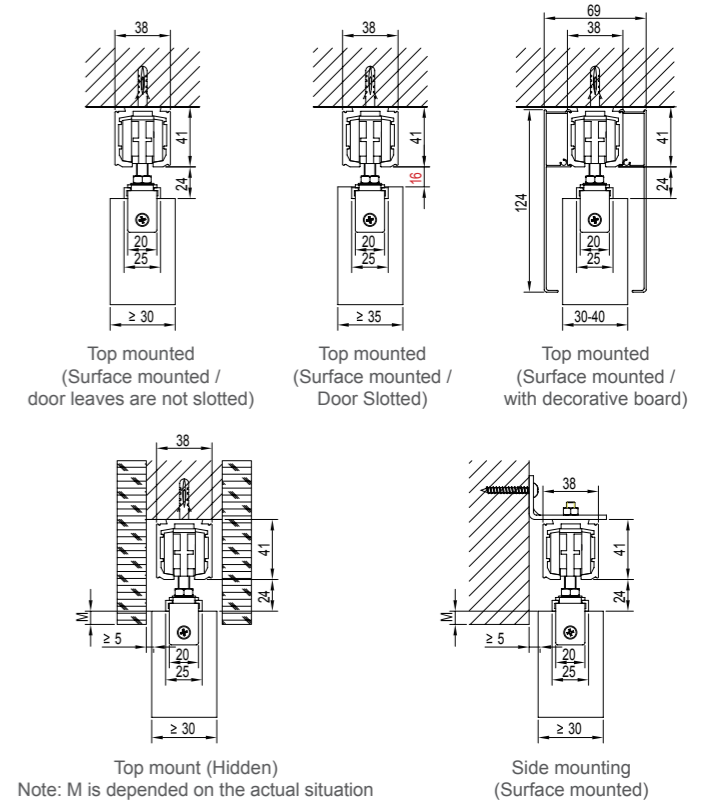
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

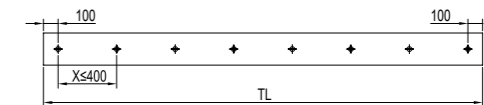
Calculation formula (Single door)

DH=OH-75(Door leaves are not slotted)
DH=OH-67(Door Slotted)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation form diagram

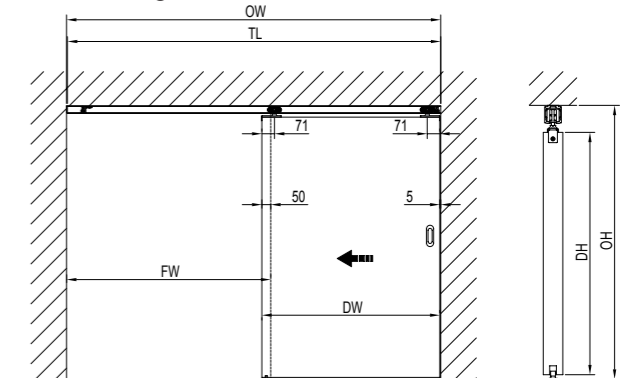


Hanging rail opening size chart (Requires on-site cutting)

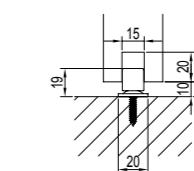


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram

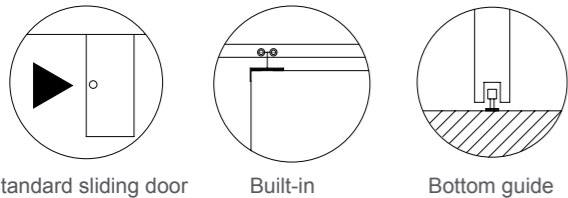


Standard configuration

Standard wooden sliding door KYN52200(Old code TLG114)

Applicable maximum door weight 80Kg

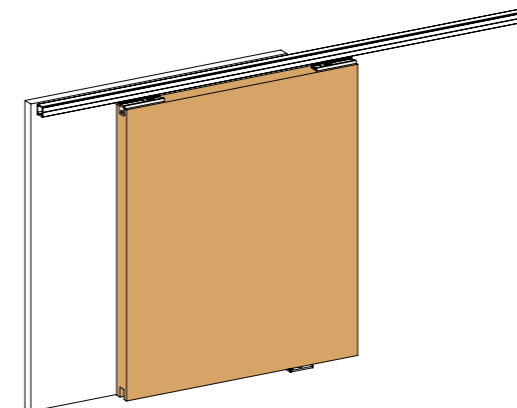
Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2400 mm

Main Material and Surface Finish

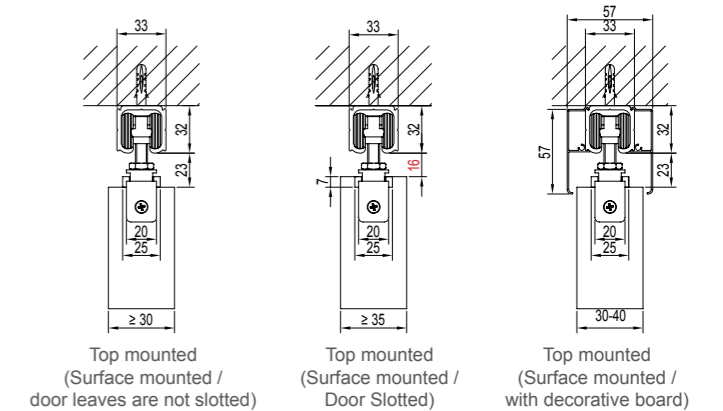
Hanging wheel body	Zinc alloy (nickel plated)
Pulley	Bearing GCr15 (natural color) + nylon (black)
Side mounting bracket	Stainless steel (matt)
Fixed plate	Copper alloy (nickel plated)
Positioning parts	Stainless steel (natural color)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

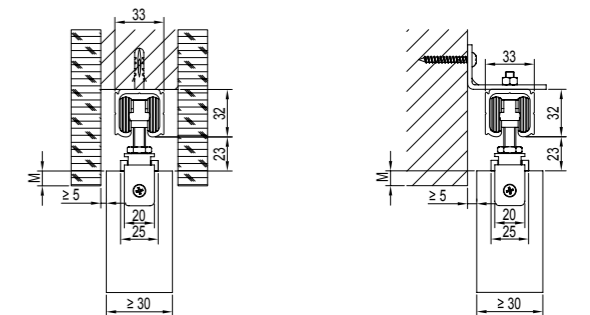
No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN52200
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	hanging rail		1 pcs	KYN11101 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Installation form diagram

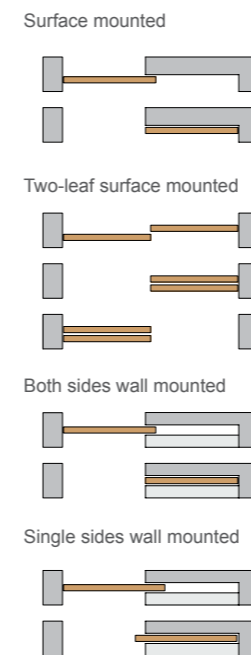


Top mounted (Surface mounted / door leaves are not slotted) Top mounted (Surface mounted / Door Slotted) Top mounted (Surface mounted / with decorative board)



Top mount (Hidden) Side mounting (surface mounted)
Note: M is depended on the actual situation

Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

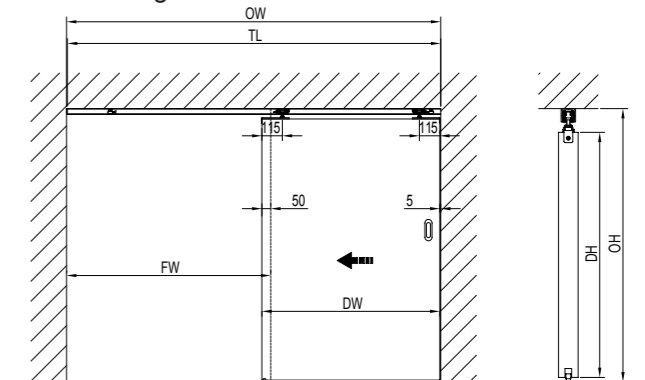
Supporting products (Optional)

Concealed Handle	1Set(See P251-P256)
Special concealed handles	1Set
Sliding door lock	1Set(SeeP168)
Decorative plates	1Pcs or 2Pcs(Code KYN52207)

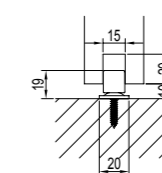
Dimension definition

Door leaf width	DW	DH=OH-65(Door leaves are not slotted)
Door opening width	OW	DH=OH-58(Door slotted)
Fixed leaf width	FW	FW=OW/2+50
Door leaf height	DH	DW=FW-55
Door opening height	OH	TL=OW-5
Hanging rail length	TL	

Installation diagram



Door bottom guide installation diagram



Standard configuration

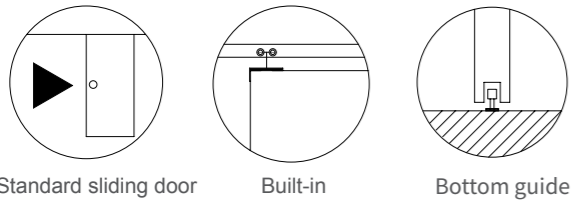
Sliding door

Sliding door

Standard wooden sliding door KYN62010(New)

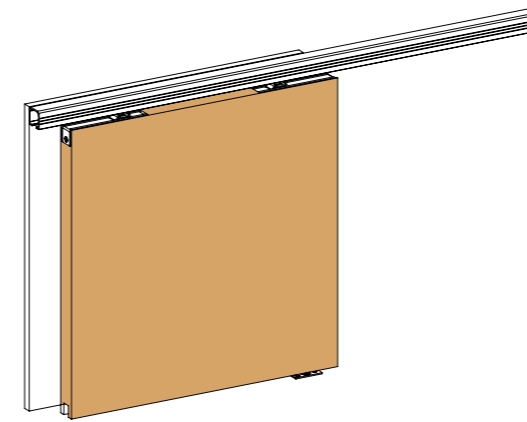
Applicable maximum door weight 80Kg

Sliding door function diagram

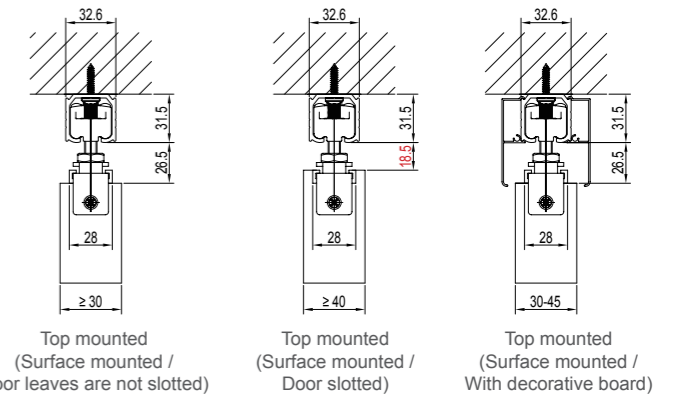


Functional Characteristic

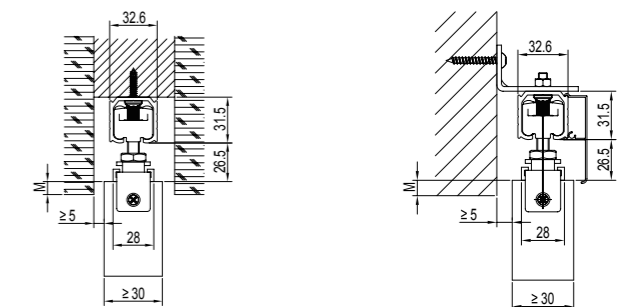
- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Installation form diagram

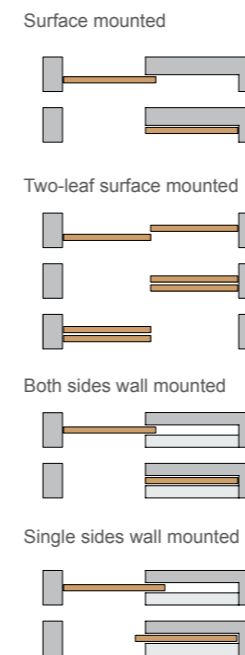


Top mounted (Surface mounted / Door leaves are not slotted) Top mounted (Surface mounted / Door slotted) Top mounted (Surface mounted / With decorative board)



Top mount (Hidden) Side mounting (Surface mounted)
Note: M is depended on the actual situation

Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

- Concealed Handle 1Set(See P251-P256)
- Special concealed handles 1Set
- Sliding door lock 1Set(SeeP168)
- Decorative plates 1Pcs2Pcs(Code KYN52207)

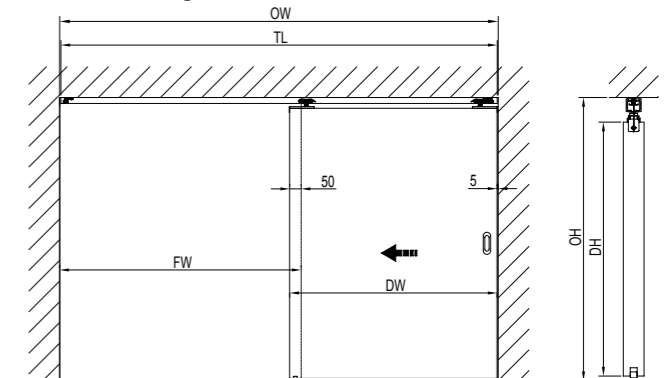
Dimension definition

- Door leaf width DW
- Door opening width OW
- Fixed leaf width FW
- Door leaf height DH
- Door opening height OH
- Hanging rail length TL

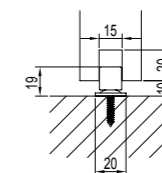
Calculation formula (Single door)

- DH=OH-68(Door leaves are not slotted)
- DH=OH-60(Door slotted)
- FW=OW/2+50
- DW=FW-55
- TL=OW-5

Installation diagram



Door bottom guide installation diagram



Standard configuration

Technical Parameters

- Applicable maximum door weight 80Kg
- Applicable minimum door thickness 30mm
- Applicable door height ≤ 2400 mm

Main Material and Surface Finish

- Hanging wheel body Zinc alloy (nickel plated)
- Pulley Bearing GCr15 (natural color) + POM (white)
- Side mounting bracket 304 stainless steel (matt)
- Fixed plate Aluminum alloy (anodized, silver white)
- Positioning parts High-strength engineering plastic (black)
- Door bottom guide 304 stainless steel (natural color) + POM (black)
- Hanging rail Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

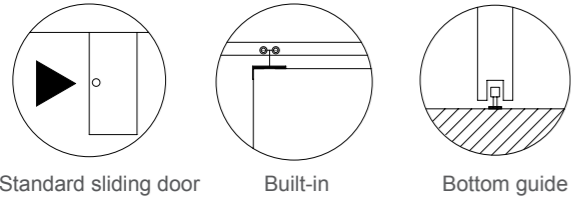
No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN62010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Standard wooden sliding door KYN62020(New)

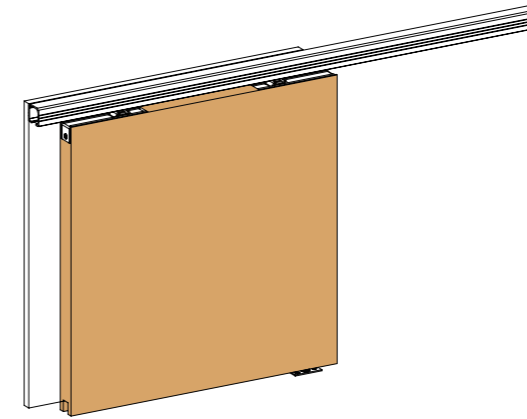
Applicable maximum door weight 80Kg

Sliding door function diagram

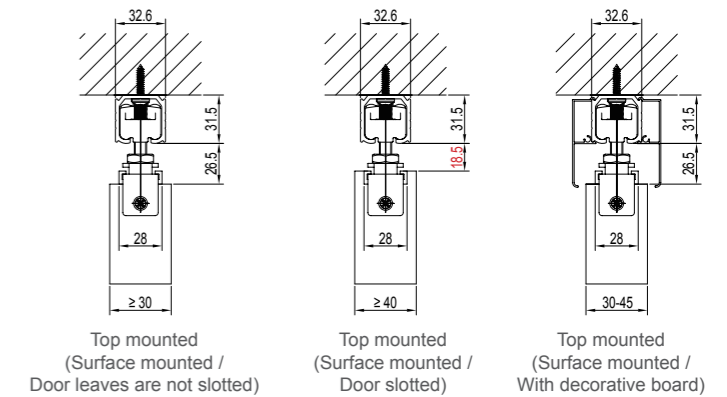


Functional Characteristic

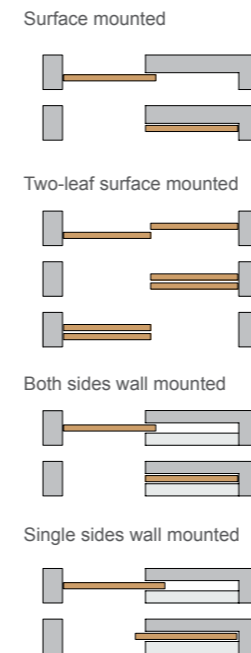
- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Installation form diagram



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

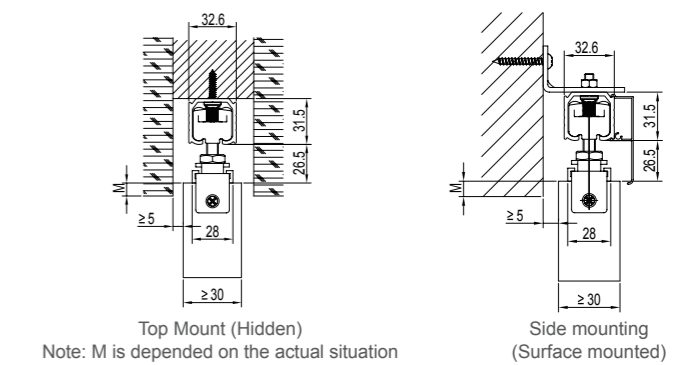
- Concealed Handle 1Set(See P251-P256)
- Special concealed handles 1Set
- Sliding door lock 1Set(SeeP168)
- Decorative plates 1Pcs2Pcs(Code KYN52207)

Dimension definition

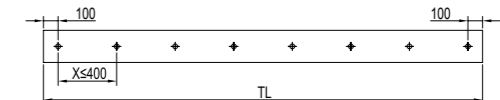
- Door leaf width DW
- Door opening width OW
- Fixed leaf width FW
- Door leaf height DH
- Door opening height OH
- Hanging rail length TL

Calculation formula (Single door)

- DH=OH-68(Door leaves are not slotted)
- DH=OH-60(Door Slotted)
- FW=OW/2+50
- DW=FW-55
- TL=OW-5

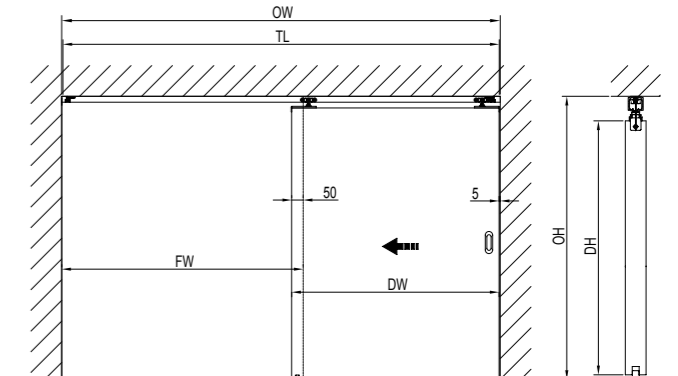


Hanging rail opening size chart (Requires on-site cutting)

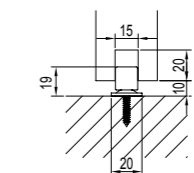


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram



Standard configuration

Technical Parameters

- Applicable maximum door weight 80Kg
- Applicable minimum door thickness 30mm
- Applicable door height ≤ 2400 mm

Main Material and Surface Finish

- Hanging wheel body High-quality carbon steel (galvanized) + High-strength engineering plastic (black)
- Pulley Bearing GCr15 (natural color) + POM (white)
- Side mounting bracket 304 stainless steel (matt)
- Fixed plate Aluminum alloy (anodized, silver white)
- Positioning parts High-strength engineering plastic (black)
- Door bottom guide 304 stainless steel (natural color) + POM (black)
- Hanging rail Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

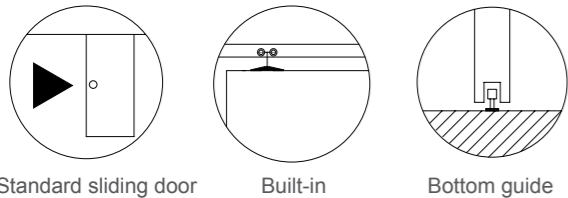
No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN62020
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Standard wooden sliding door KYN62030(New)

Applicable maximum door weight 80Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2400 mm

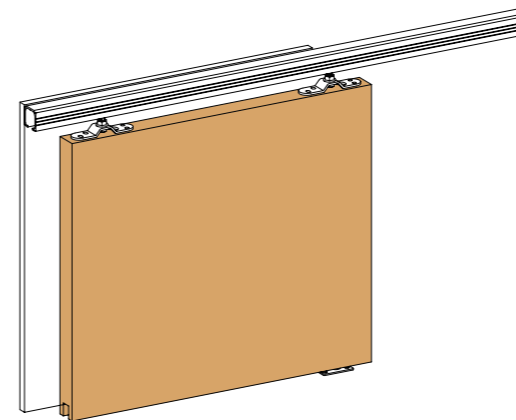
Main Material and Surface Finish

Hanging wheel body	High-quality carbon steel (galvanized) + High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Lifting bracket	High-quality carbon steel (galvanized)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

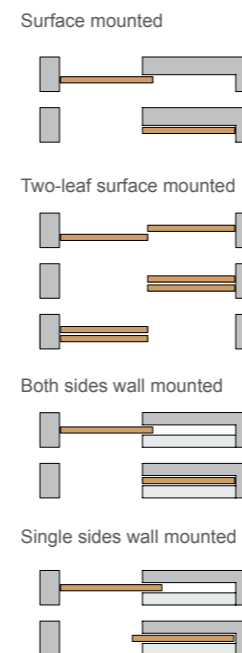
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN62030
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

Concealed Handle	1Set(See P251-P256)
Special concealed handles	1Set
Sliding door lock	1Set(SeeP168)

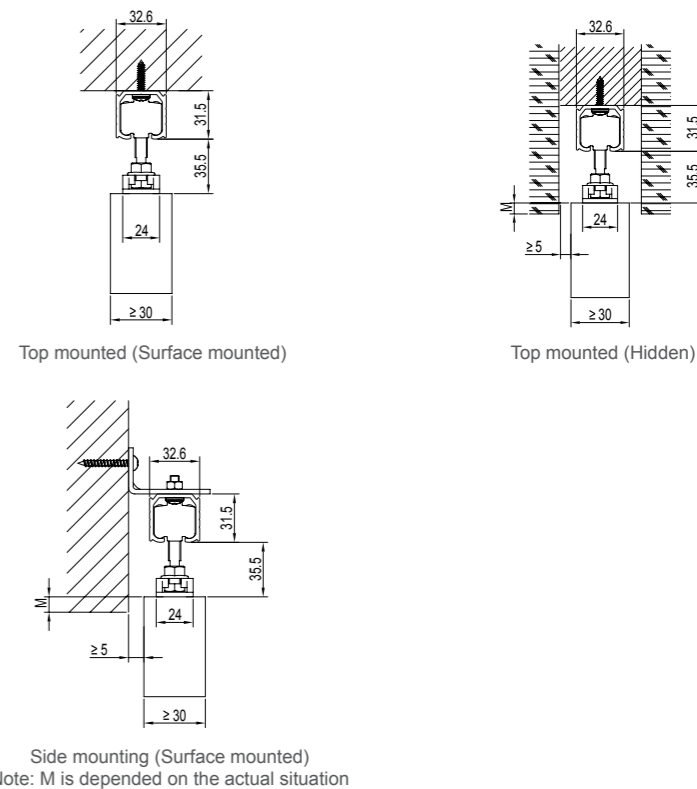
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

$DH=OH-77$
$FW=OW/2+50$
$DW=FW-55$
$TL=OW-5$

Installation form diagram



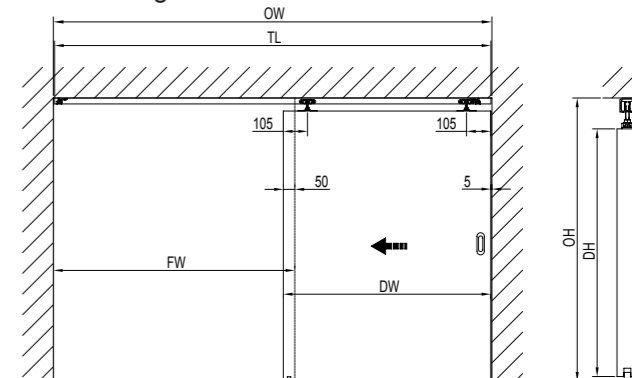
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

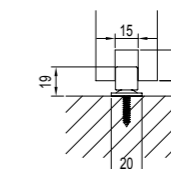


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram

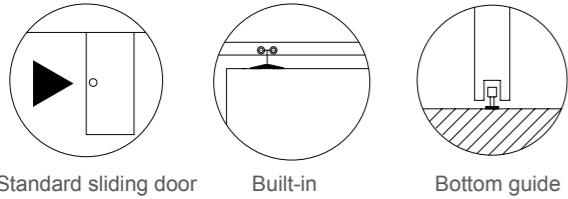


Standard configuration

Standard wooden sliding door KYN62040(New)

Applicable maximum door weight 80Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts convex slideway which runs smoothly and self-cleaning functions
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2400 mm

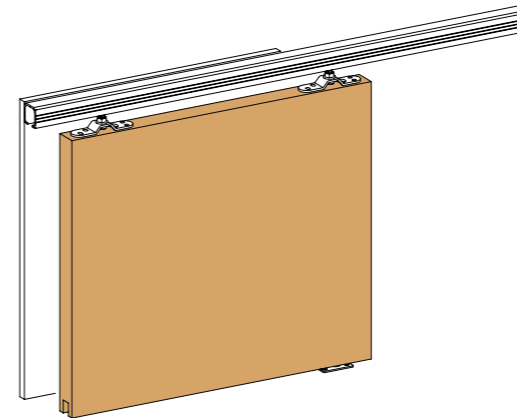
Main Material and Surface Finish

Hanging wheel body	High-quality carbon steel (galvanized) + High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Lifting bracket	High-quality carbon steel (galvanized)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

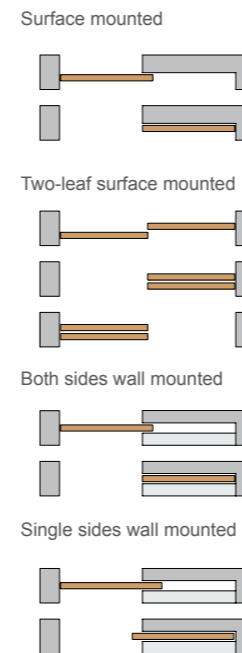
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN62040
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91006 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

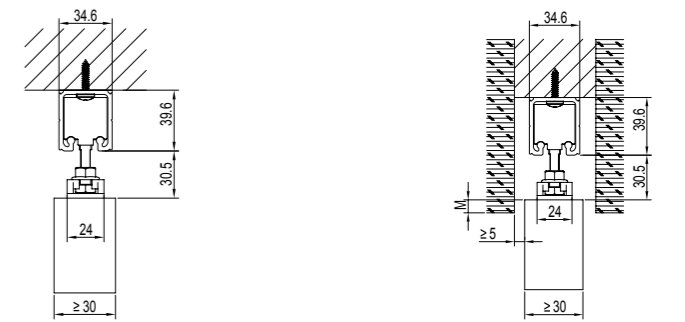
Supporting products (Optional)

Concealed Handle	1Set(See P251-P256)
Special concealed handles	1Set
Sliding door lock	1Set(SeeP168)

Dimension definition

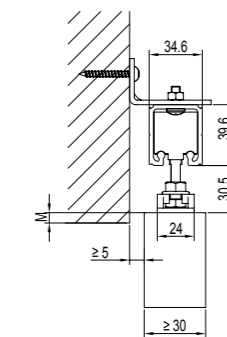
Door leaf width	DW	DH=OH-80
Door opening width	OW	FW=OW/2+50
Fixed leaf width	FW	DW=FW-55
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Installation form diagram



Top mounted (Surface mounted)

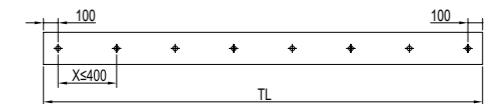
Top mounted (Hidden)



Side mounting (Surface mounted)

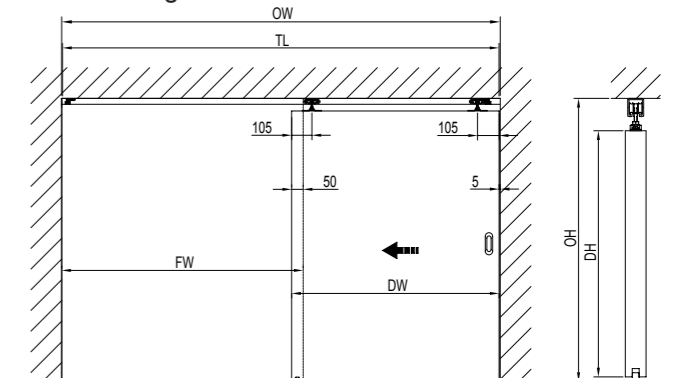
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

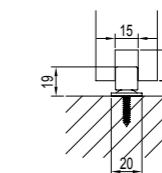


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram

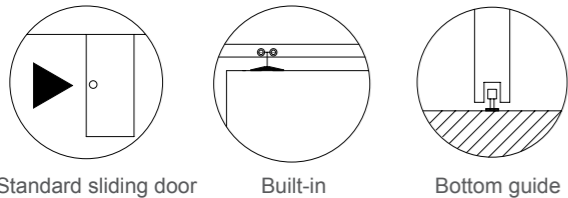


Standard configuration

Standard wooden sliding door KYN63010(New)

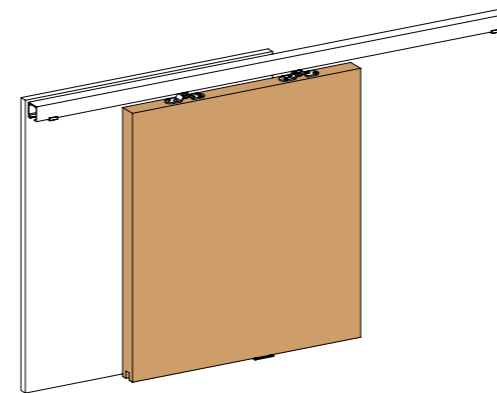
Applicable maximum door weight 100Kg

Sliding door function diagram

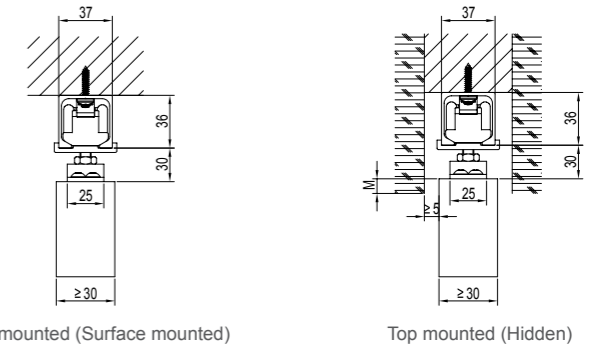


Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- Height adjustable ± 3 mm, eliminating some site tolerance

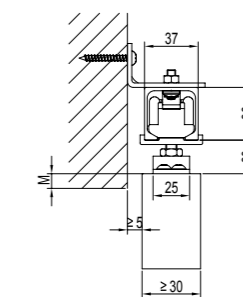


Installation form diagram



Top mounted (Surface mounted)

Top mounted (Hidden)



Side mounting (Surface mounted)
Note: M is depended on the actual situation

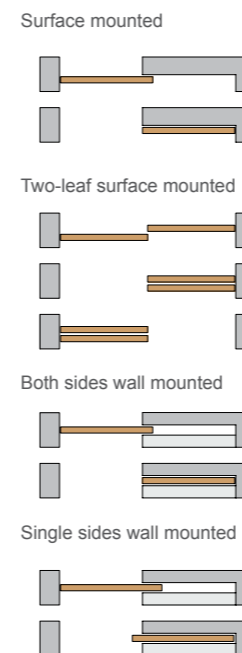
Technical Parameters

Applicable maximum door weight	100Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2500 mm

Main Material and Surface Finish

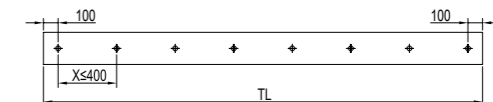
Hanging wheel body	High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Lifting bracket	High-quality carbon steel (galvanized)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

Installation form



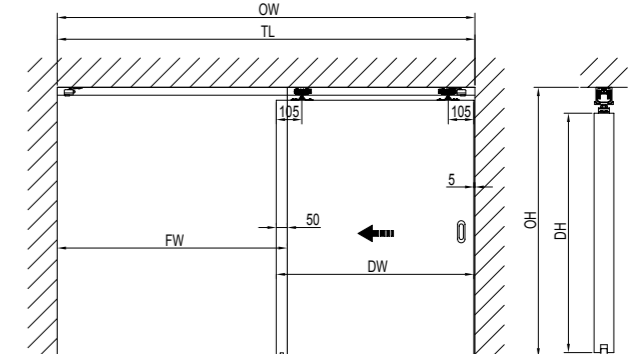
Note: In-wall installation requires the wall to be closed before the door is installed.

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Installation diagram



Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN63010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91001 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Supporting products (Optional)

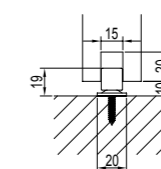
Concealed Handle	1Set(See P251-P256)
Special concealed handles	1Set
Sliding door lock	1Set(SeeP168)

Dimension definition

Door leaf width	DW	DH=OH-76
Door opening width	OW	FW=OW/2+50
Fixed leaf width	FW	DW=FW-55
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Calculation formula (Single door)

Door bottom guide installation diagram

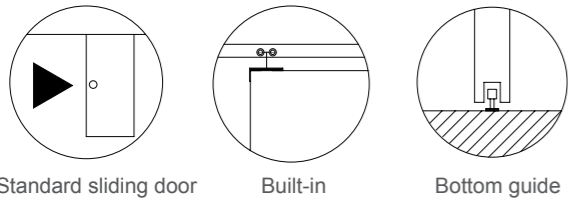


Standard configuration

Standard wooden sliding door KYN63020(New)

Applicable maximum door weight 100Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- Height adjustable ± 3 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	100Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2500 mm

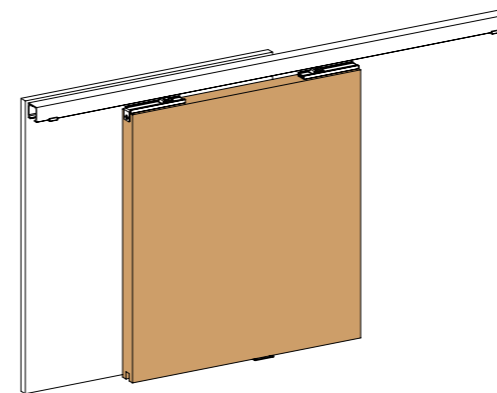
Main Material and Surface Finish

Hanging wheel body	High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Side mounting bracket	304 stainless steel (matt)
Fixed plate	Aluminum alloy (anodized, silver white)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

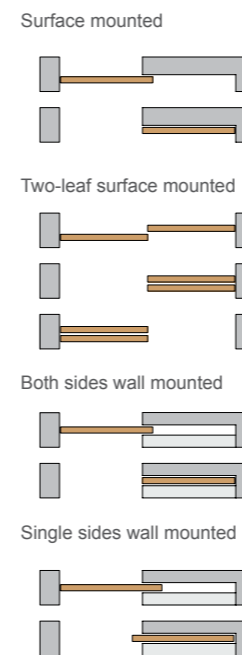
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN63020
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91001 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

Concealed Handle	1Set(See P251-P256)
Special concealed handles	1Set
Sliding door lock	1Set(SeeP168)

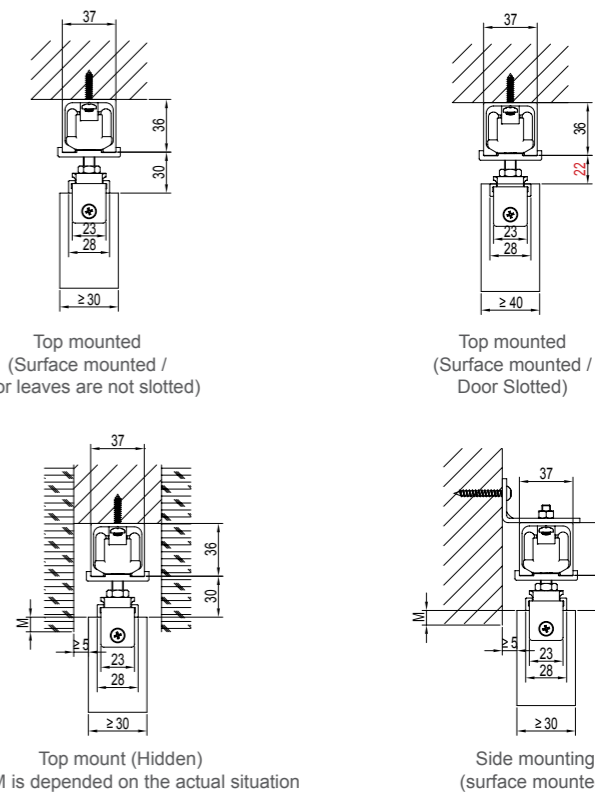
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

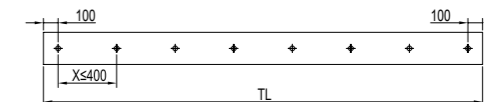
DH=OH-76(Door leaves are not slotted)
DH=OH-68(Door Slotted)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation form diagram



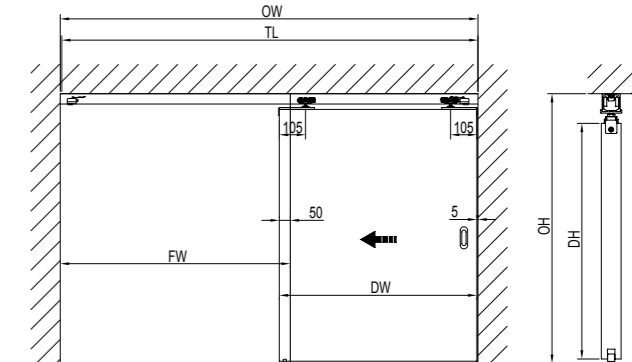
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

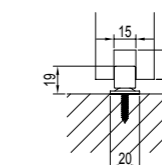


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram

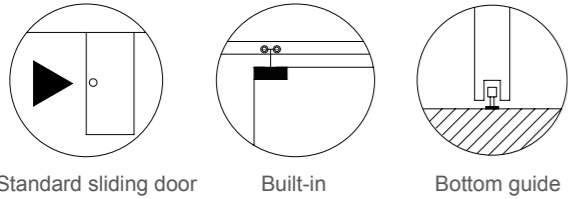


Standard configuration

Standard wooden sliding door KYN63030 (New)

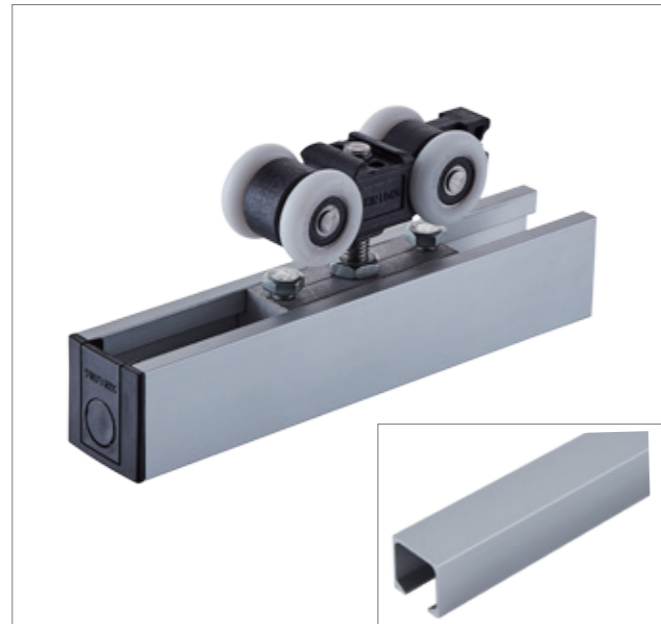
Applicable maximum door weight 100Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- Height adjustable ± 3 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	100Kg
Applicable minimum door thickness	40mm
Applicable door height	≤ 2500 mm

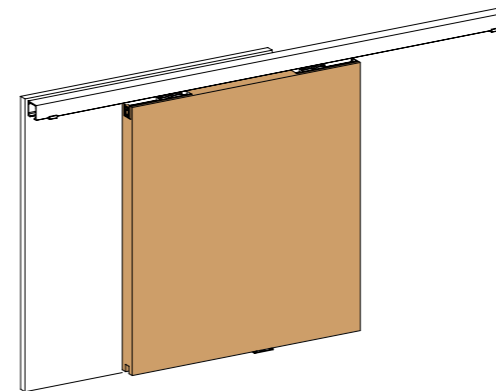
Main Material and Surface Finish

Hanging wheel body	High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Fixed slotted	Aluminum alloy (anodized, silver white)
Fixed seat	Aluminium alloy (sandblasted)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

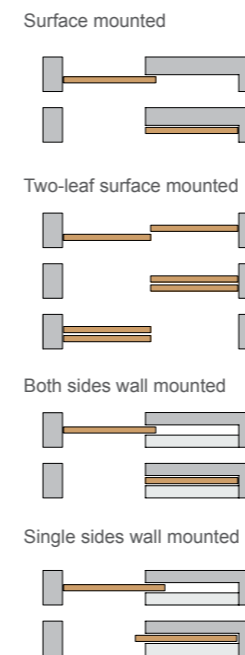
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN63030
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91001 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

Concealed Handle	1Set(See P251-P256)
Special concealed handles	1Set
Sliding door lock	1Set(SeeP168)

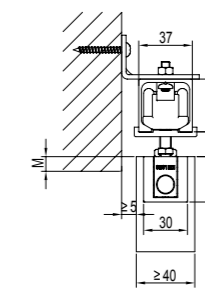
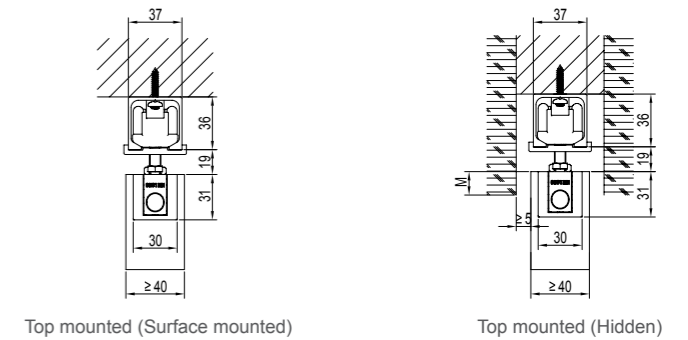
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

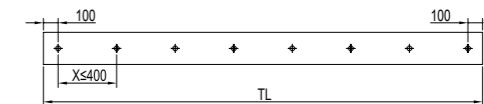
$DH=OH-65$
$FW=OW/2+50$
$DW=FW-55$
$TL=OW-5$

Installation form diagram



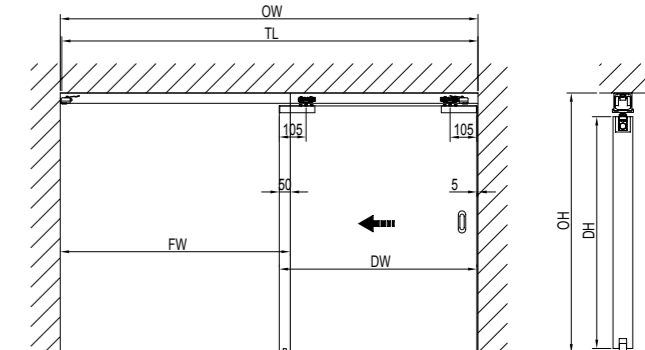
Top mount (Surface mounted)
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

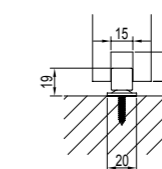


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram

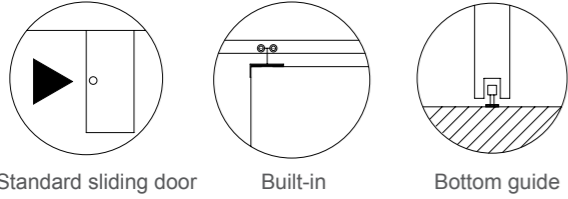


Standard configuration

Standard wooden sliding door KYN51400

Applicable maximum door weight 120Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2600 mm

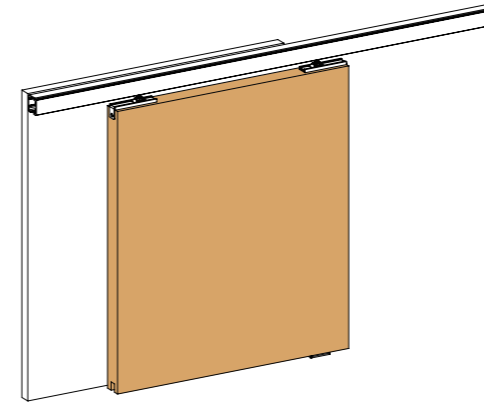
Main Material and Surface Finish

Hanging wheel body	Zinc alloy (nickel plating)
Pulley	Bearing GCr15 (natural color) + POM (white)
Side mounting bracket	Stainless steel (matt)
Fixed plate	Stainless steel (matt)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

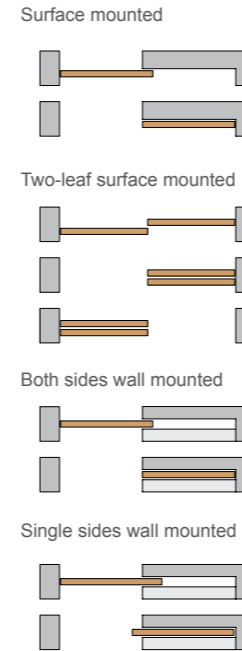
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN51400
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN51501 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

Concealed Handle	DW	1Set(See P251-P256)
Special concealed handles		1Set
Sliding door lock		1Set(SeeP168)
Decorative plates		1Pcs2Pcs(Code KYN51506)

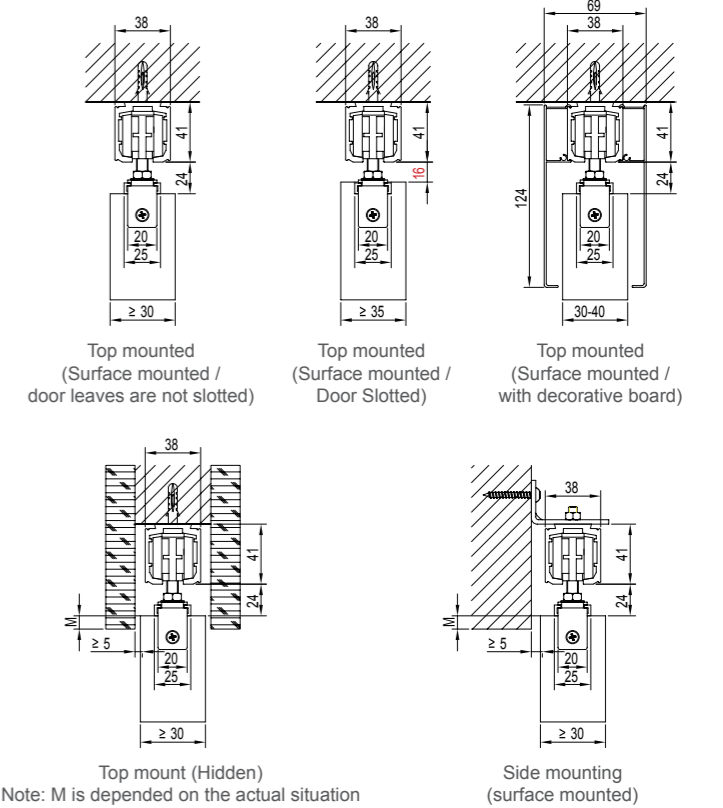
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

DH=OH-75(Door leaves are not slotted)
DH=OH-67(Door slotted)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation form diagram



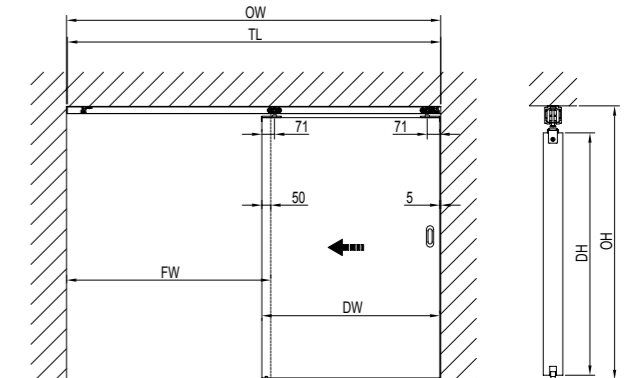
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

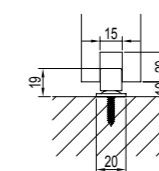


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram

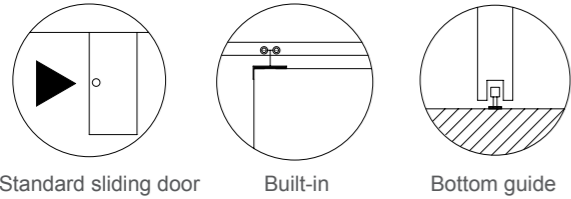


Standard configuration

Standard wooden sliding door KYN52400 (Old code TLG118)

Applicable maximum door weight 120Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2600 mm

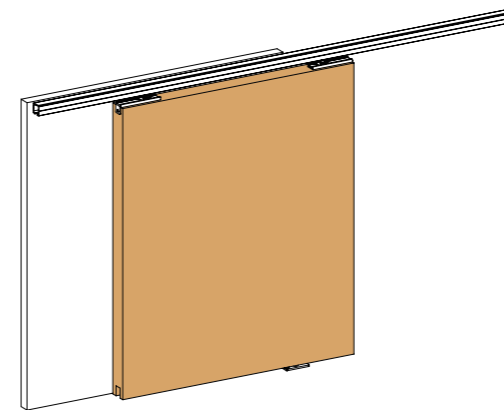
Main Material and Surface Finish

Hanging wheel body	Zinc alloy (nickel plating)
Pulley	Bearing GCr15 (natural color) + Nylon (black)
Side mounting bracket	Stainless steel (matt)
Fixed plate	Copper alloy (nickel plating)
Positioning parts	Stainless steel (natural color)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

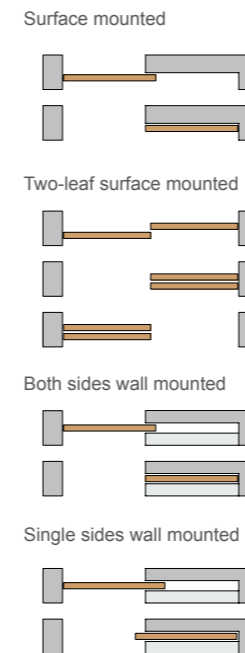
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN52400
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN11101 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

Concealed Handle	1Set(See P251-P256)
Special concealed handles	1Set
Sliding door lock	1Set(SeeP168)
Decorative plates	1Pcs or 2Pcs(Code KYN52207)

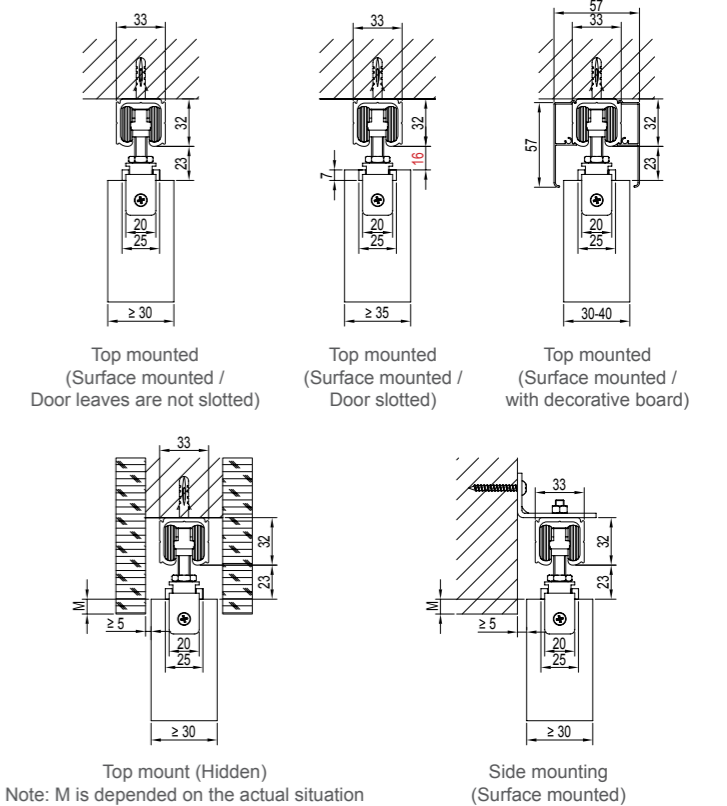
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

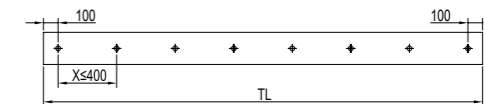
Calculation formula (Single door)

DH=OH-65(Door leaves are not slotted)
DH=OH-58(Door Slotted)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation form diagram

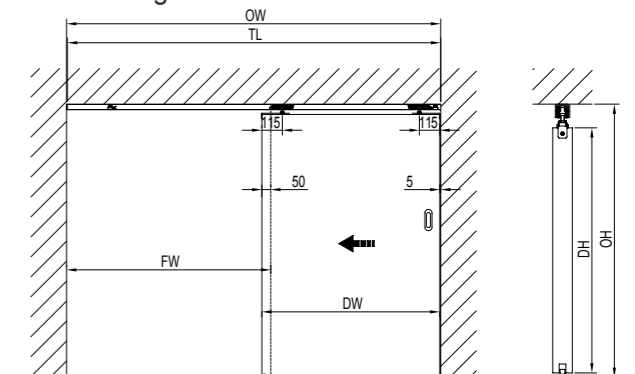


Hanging rail opening size chart (Requires on-site cutting)

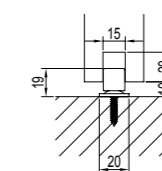


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram

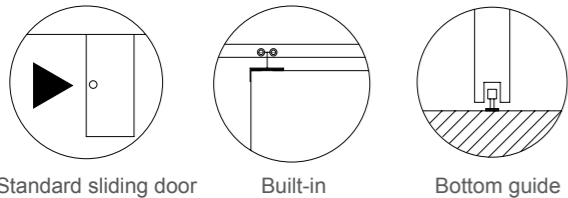


Standard configuration

Standard wooden sliding door KYN64010 (New)

Applicable maximum door weight 120Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly and smoothly
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2600 mm

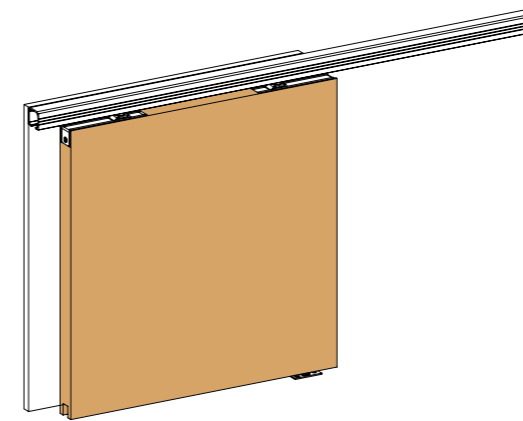
Main Material and Surface Finish

Hanging wheel body	Zinc alloy (nickel plating)
Pulley	Bearing GCr15 (natural color) + POM (white)
Side mounting bracket	304 Stainless steel (matt)
Fixed plate	Aluminum alloy (anodized, silver white)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

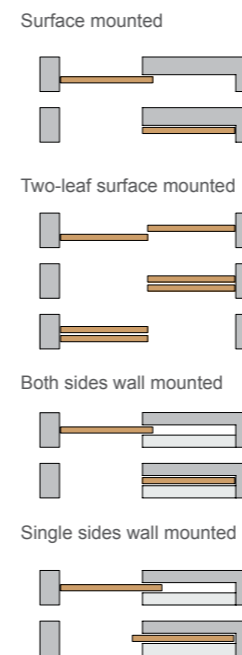
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN64010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

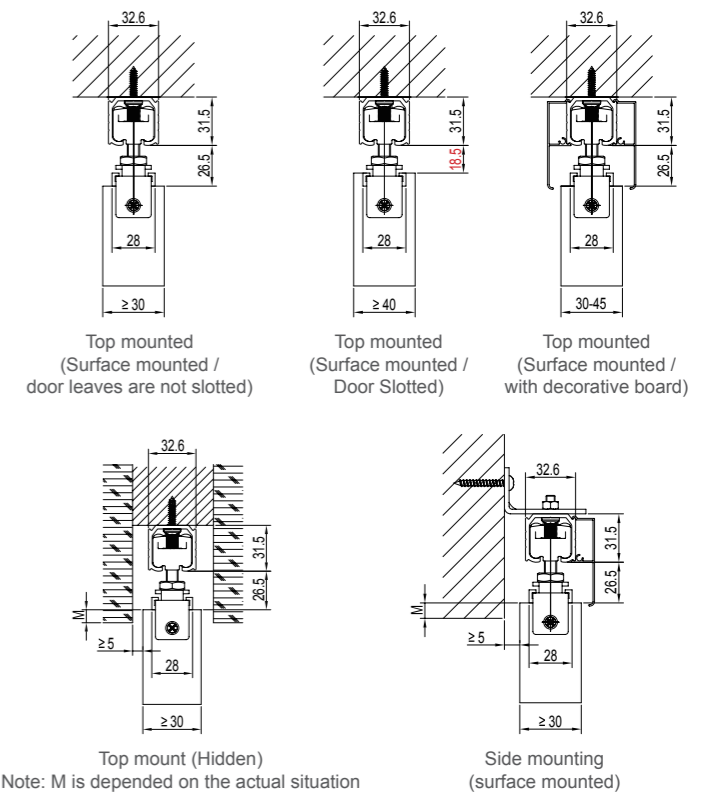
Supporting products (Optional)

Concealed Handle	DW	1Set(See P251-P256)
Special concealed handles		1Set
Sliding door lock		1Set(SeeP168)
Decorative plates		1Pcs or 2Pcs(Code KYN52207)

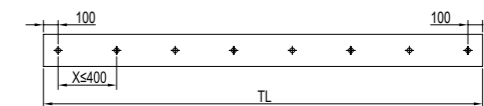
Dimension definition

Dimension definition	Calculation formula (single door)
Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Installation form diagram

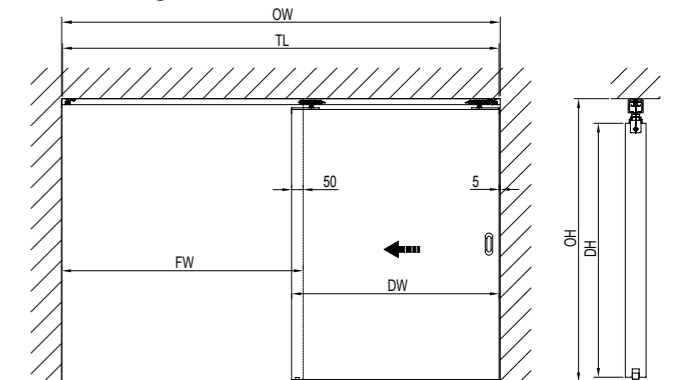


Hanging rail opening size chart (Requires on-site cutting)

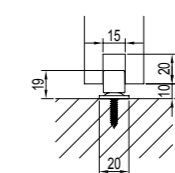


Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Installation diagram



Door bottom guide installation diagram

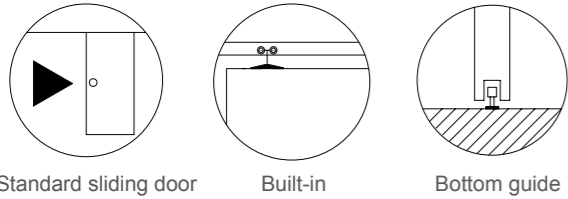


Standard configuration

Standard wooden sliding door KYN64020 (New)

Applicable maximum door weight 120Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly and smoothly
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	35mm
Applicable door height	≤ 2600 mm

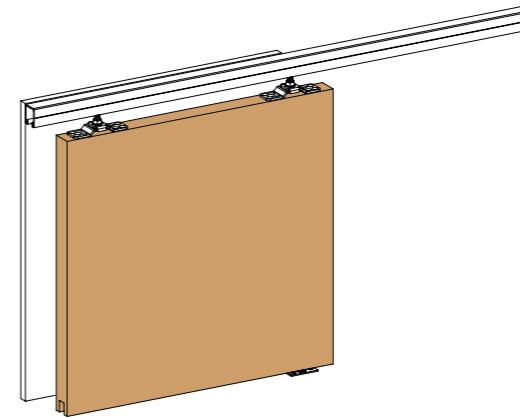
Main Material and Surface Finish

Hanging wheel body	Hanger body High-quality carbon steel (galvanized) + High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Lifting bracket	High-quality carbon steel (galvanized)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

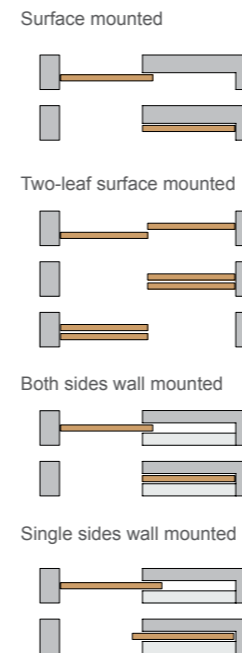
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN64020
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

Concealed Handle	1Set(See P251-P256)
Special concealed handles	1Set
Sliding door lock	1Set(SeeP168)

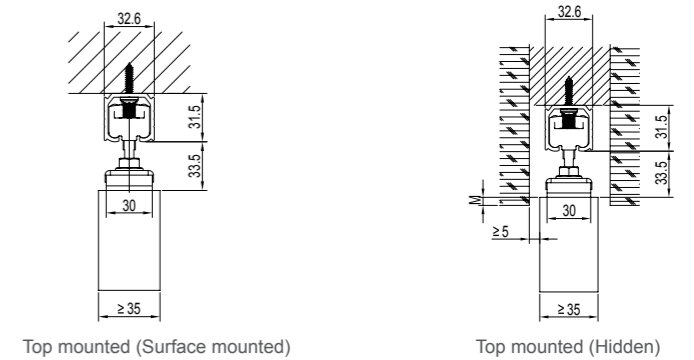
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

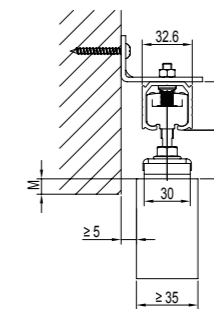
$DH=OH-75$
$FW=OW/2+50$
$DW=FW-55$
$TL=OW-5$

Installation form diagram



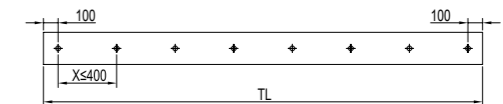
Top mounted (Surface mounted)

Top mounted (Hidden)



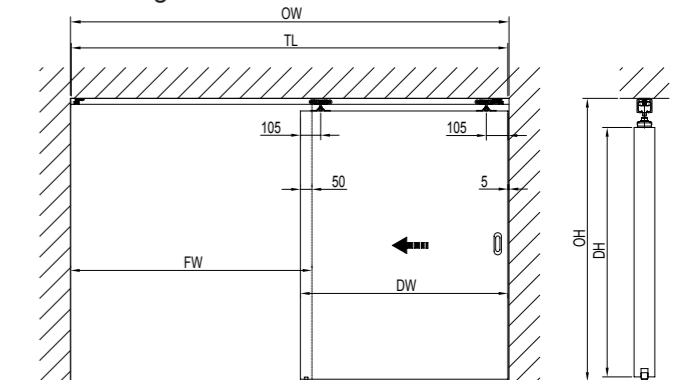
Top mount (Surface mounted)
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

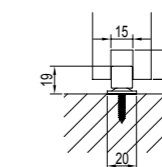


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram

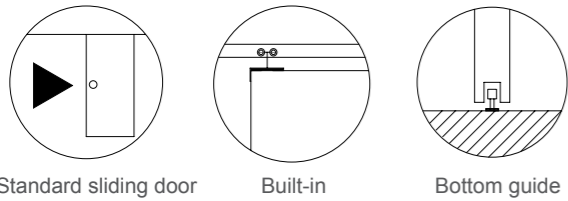


Standard configuration

Standard wooden sliding door KYN64030 (New)

Applicable maximum door weight 120Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly and smoothly
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2600 mm

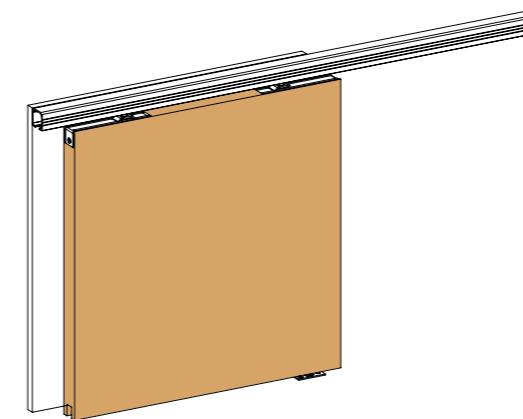
Main Material and Surface Finish

Hanging wheel body	Hanger body High-quality carbon steel (galvanized) + High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Side mounting bracket	304 stainless steel (matt)
Fixed plate	Aluminum alloy (anodized, silver white)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

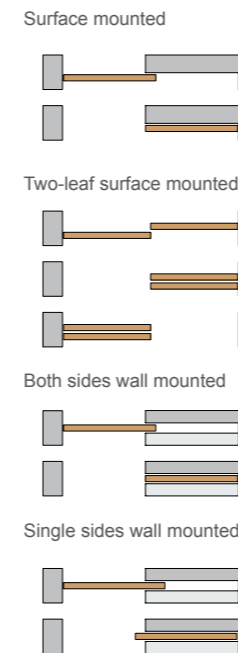
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN64030
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

Concealed Handle	1Set(See P251-P256)
Special concealed handles	1Set
Sliding door lock	1Set(SeeP168)

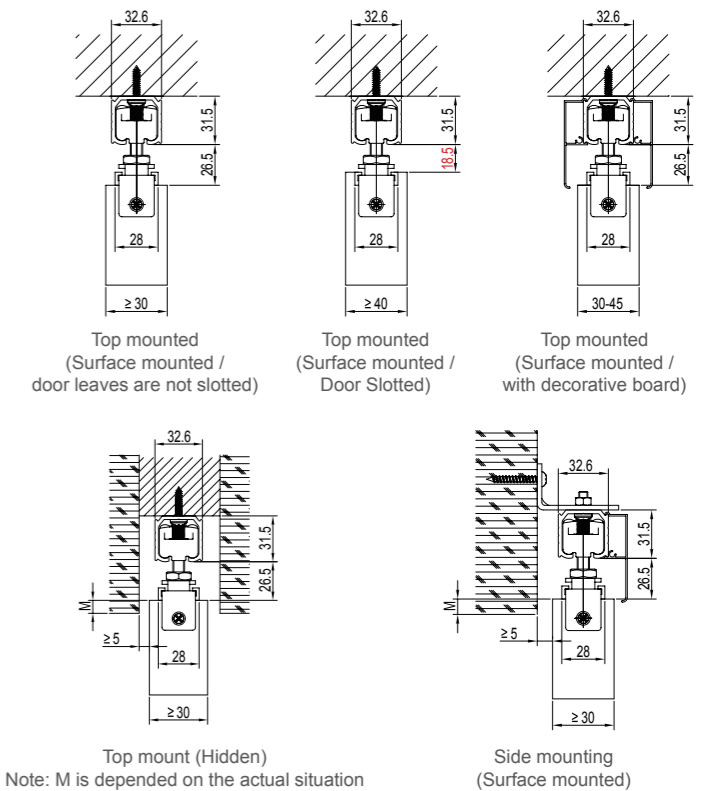
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

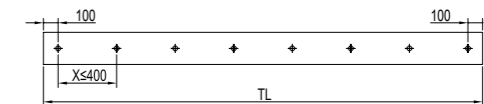
DH=OH-68(Door leaves are not slotted)
DH=OH-60(Door Slotted)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation form diagram



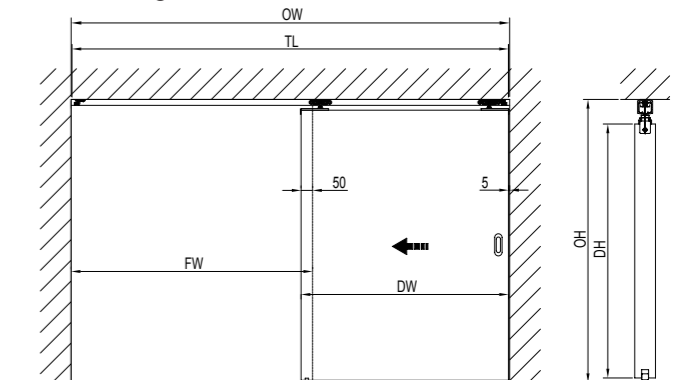
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

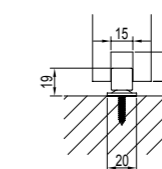


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram

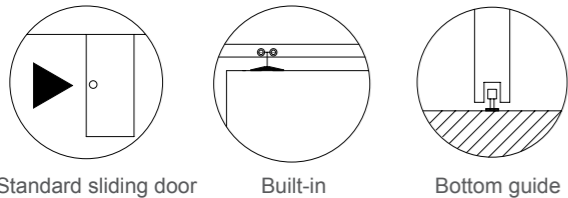


Standard configuration

Standard wooden sliding door KYN64040 (New)

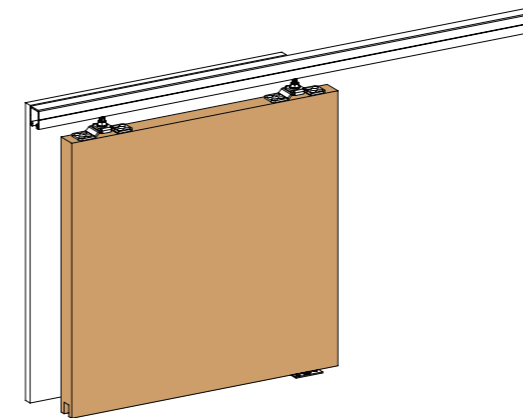
Applicable maximum door weight 120Kg

Sliding door function diagram

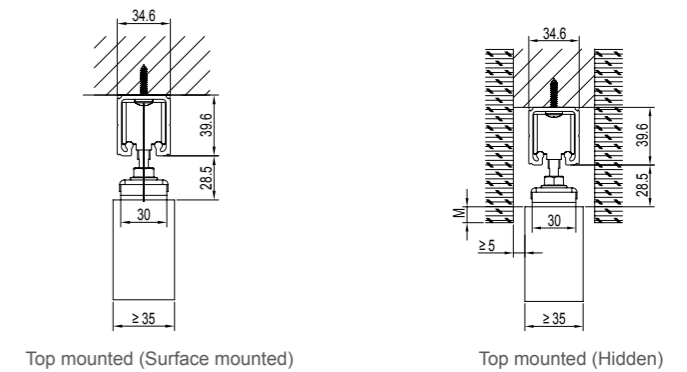


Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly and smoothly
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Height adjustable ± 5 mm, eliminating some site tolerance

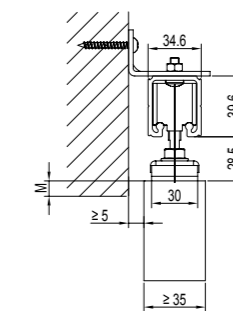


Installation form diagram



Top mounted (Surface mounted)

Top mounted (Hidden)



Top mount (Surface mounted)
Note: M is depended on the actual situation

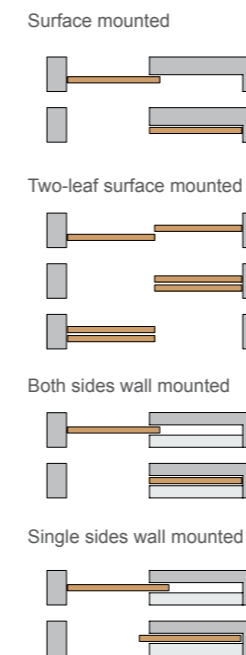
Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	35mm
Applicable door height	≤ 2600 mm

Main Material and Surface Finish

Hanging wheel body	Hanger body High-quality carbon steel (galvanized) + high-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Lifting bracket	High-quality carbon steel (galvanized)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

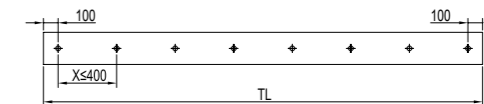
Supporting products (Optional)

Concealed Handle	DW	1Set(See P251-P256)
Special concealed handles		1Set
Sliding door lock		1Set(SeeP168)

Dimension definition

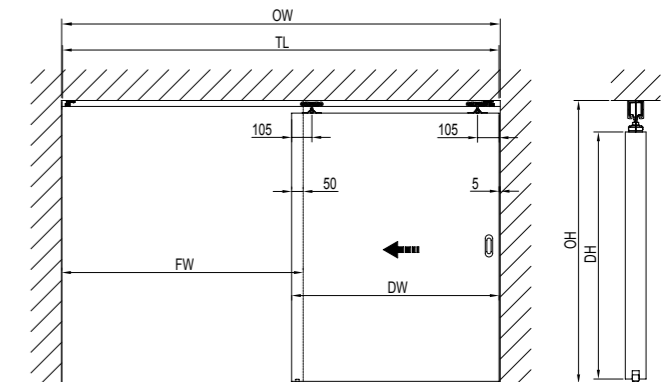
Door leaf width	DW	DH=OH-78
Door opening width	OW	FW=OW/2+50
Fixed leaf width	FW	DW=FW-55
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Hanging rail opening size chart (Requires on-site cutting)

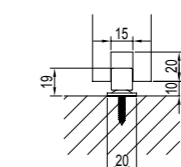


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Door bottom guide installation diagram



Standard configuration

Standard configuration (Single door)

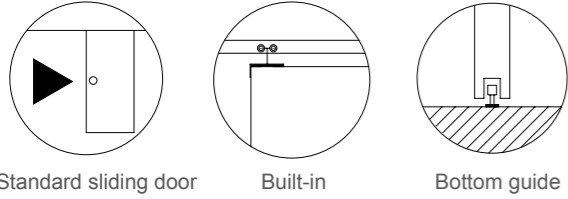
No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN64040
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91006 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Standard wooden sliding door KYN55010 (New)

Applicable maximum door weight 150Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating function and quiet vibration reduction and greater wear resistance
- Limit piece with anti-collision block to protect door structure
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	150Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 2700 mm

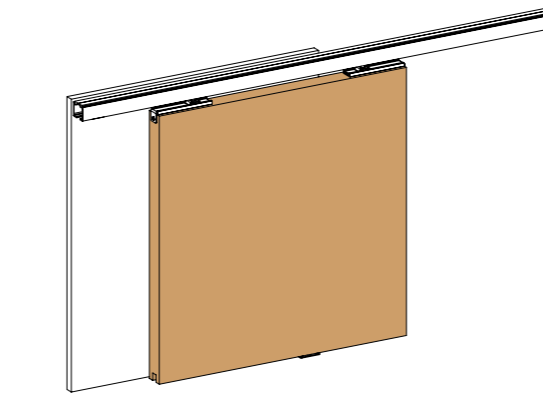
Main Material and Surface Finish

Hanging wheel body	Aluminum alloy (sprayed, flash silver)
Pulley	Bearing GCr15 (natural color) + POM (white)
Side mounting bracket	Stainless steel (natural color)
Fixed plate	Aluminum alloy (anodized, silver white)
Positioning parts	304 stainless steel (natural color) + Rubber
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

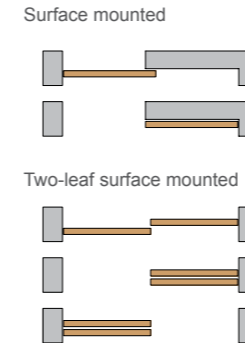
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN55010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN52501 (SeeP260)

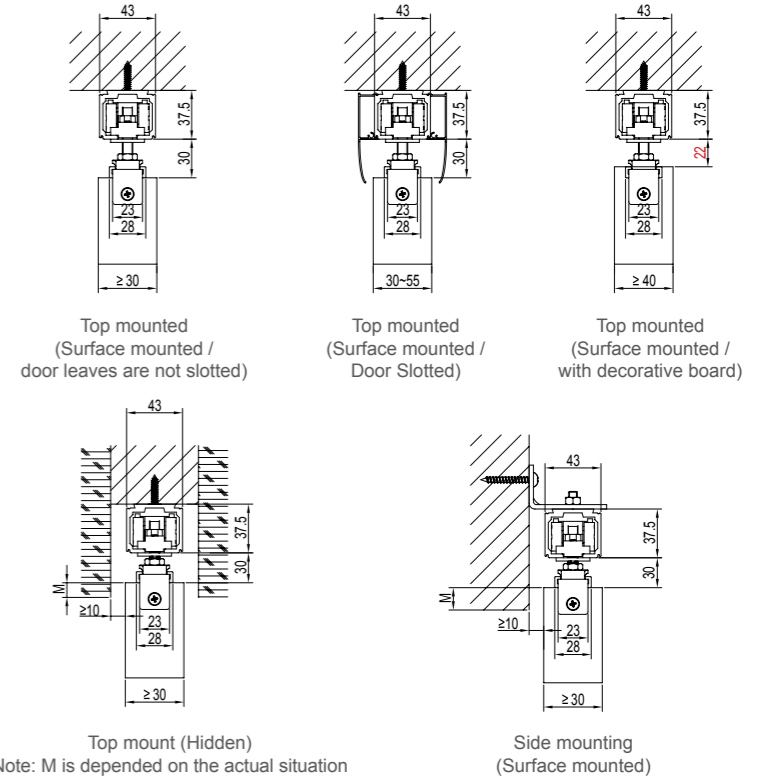
Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form

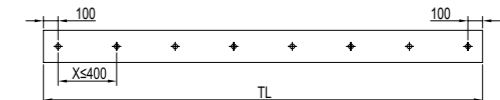


Installation form diagram



Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

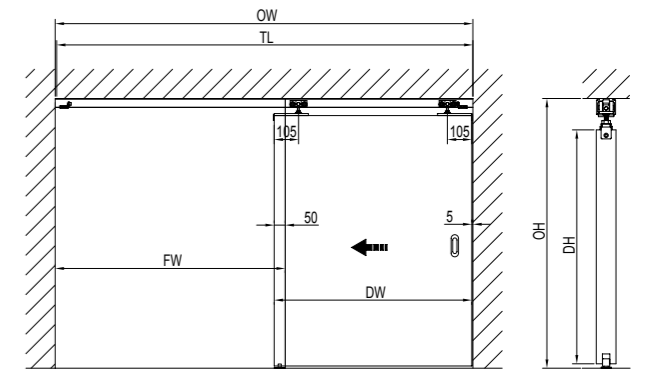


Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Supporting products (Optional)

Big handle	1Set
Sliding door lock	1Set(SeeP168)
Decorative plates	1Pcs or 2Pcs(Code KYN52507)

Installation diagram



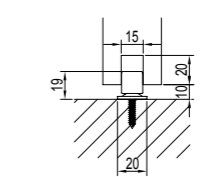
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

$DH = OH - 78$ (Door leaves are not slotted)
$DH = OH - 70$ (Door Slotted)
$FW = OW / 2 + 50$
$DW = FW - 55$
$TL = OW - 5$

Door bottom guide installation diagram

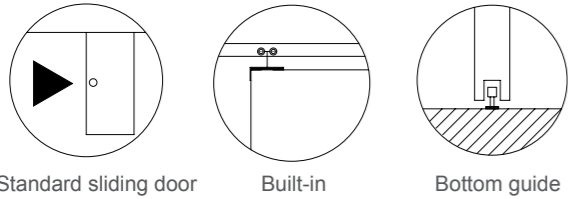


Standard configuration

Standard wooden sliding door KYN57010 (New)

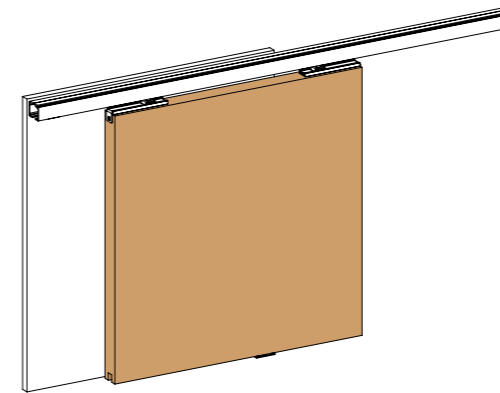
Applicable maximum door weight 200Kg

Sliding door function diagram

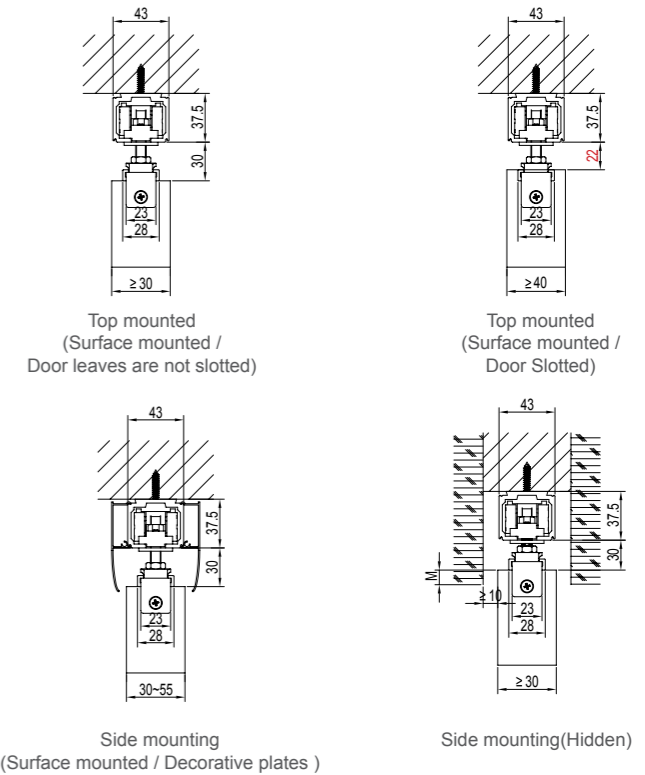


Functional Characteristic

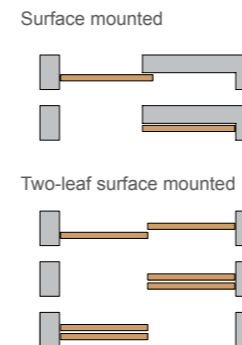
- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating function and quiet vibration reduction and greater wear resistance
- Limit piece with anti-collision block to protect door structure
- Height adjustable ± 5mm, eliminating some site tolerance



Installation form diagram



Installation form



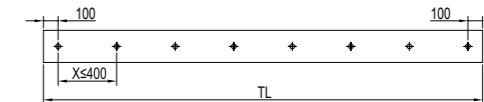
Technical Parameters

Applicable maximum door weight	200Kg
Applicable minimum door thickness	30mm
Applicable door height	≤2700mm

Main Material and Surface Finish

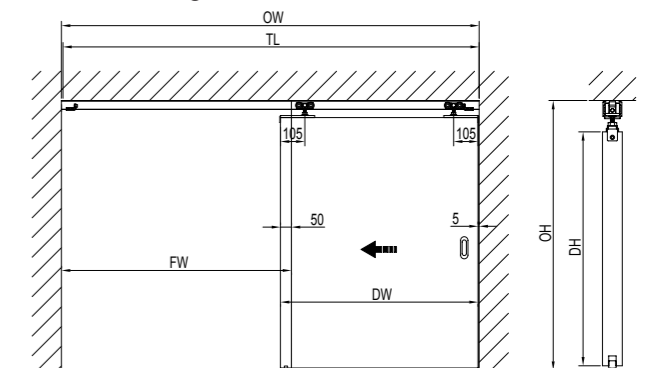
Hanging wheel body	Aluminum alloy (sprayed, flash silver)
Pulley	Bearing GCr15 (natural color) + POM (white)
Side mounting bracket	304 stainless steel (matt)
Fixed plate	Aluminum alloy (anodized, silver white)
Positioning parts	304 stainless steel (natural color) + Rubber
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Installation diagram



Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN57010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN52501 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Supporting products (Optional)

Big handle	1Set
Sliding door lock	1Set(SeeP168)
Decorative plates	1Pcs or 2Pcs(Code KYN52507)

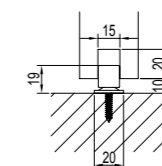
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

$DH = OH - 78$ (Door leaves are not slotted)
$DH = OH - 70$ (Door Slotted)
$FW = OW / 2 + 50$
$DW = FW - 55$
$TL = OW - 5$

Door bottom guide installation diagram

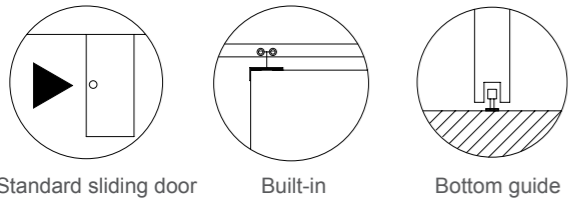


Standard configuration

Standard wooden sliding door KYN59010 (New)

Applicable maximum door weight 350Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating function and quiet vibration reduction and greater wear resistance
- Limit piece with anti-collision block to protect door structure
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	350Kg
Applicable minimum door thickness	30mm
Applicable door height	≤ 3000 mm

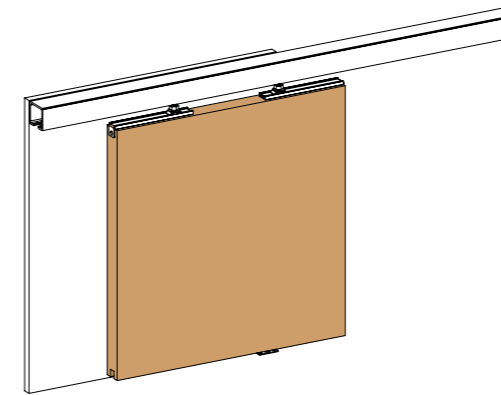
Main Material and Surface Finish

Hanging wheel body	Aluminum alloy (sprayed, flash silver)
Pulley	Bearing GCr15 (natural color) + POM (white)
Side mounting bracket	Stainless steel (natural color)
Fixed plate	Aluminum alloy (anodized, silver white)
Positioning parts	304 stainless steel (natural color) + Rubber
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

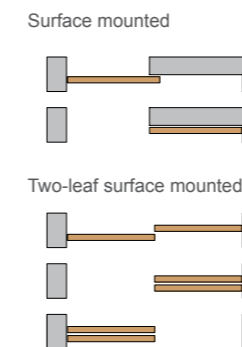
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN59010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN51901 (SeeP260)

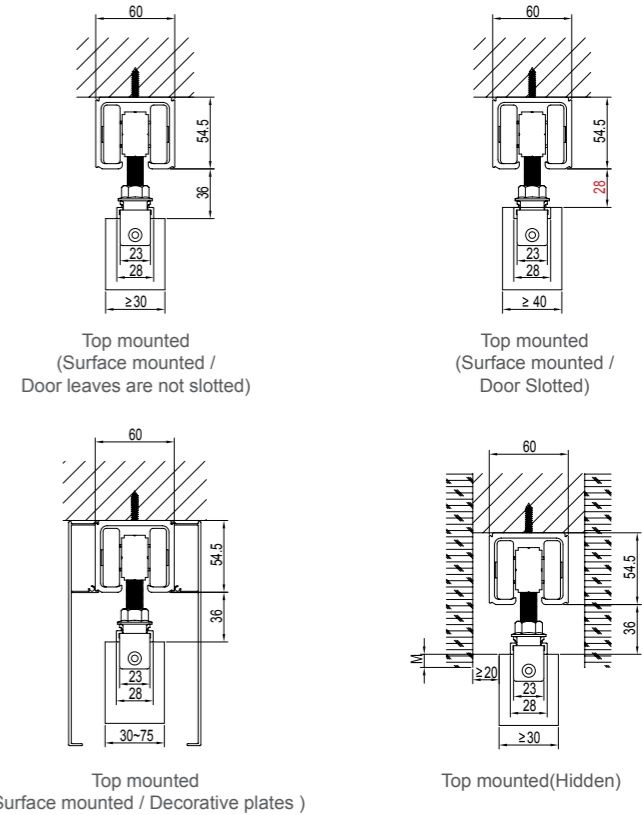
Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



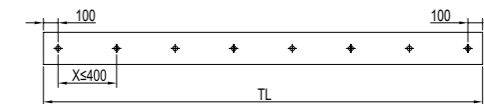
Installation form



Installation form diagram



Hanging rail opening size chart (Requires on-site cutting)

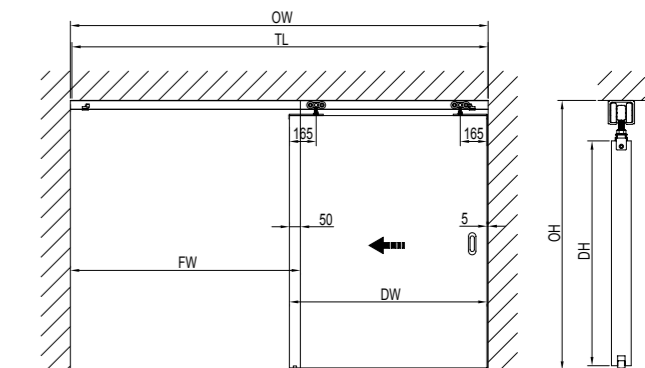


Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Supporting products (Optional)

Big handle	1Set
Sliding door lock	1Set(SeeP168)
Decorative plates	1Pcs or 2Pcs(Code KYN51907)

Installation diagram



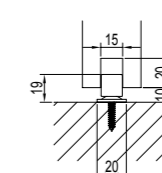
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

$DH = OH - 100$ (Door leaves are not slotted)
$DH = OH - 92$ (Door Slotted)
$FW = OW / 2 + 50$
$DW = FW - 55$
$TL = OW - 5$

Door bottom guide installation diagram

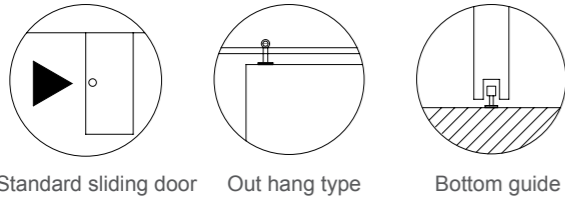


Standard configuration

Standard wooden sliding door KYW53010 (New)

Applicable maximum door weight 100Kg

Sliding door function diagram



Standard sliding door Out hang type Bottom guide

Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel adopts anti-derailment design, high safety
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Has a strong metal texture, strong decorative

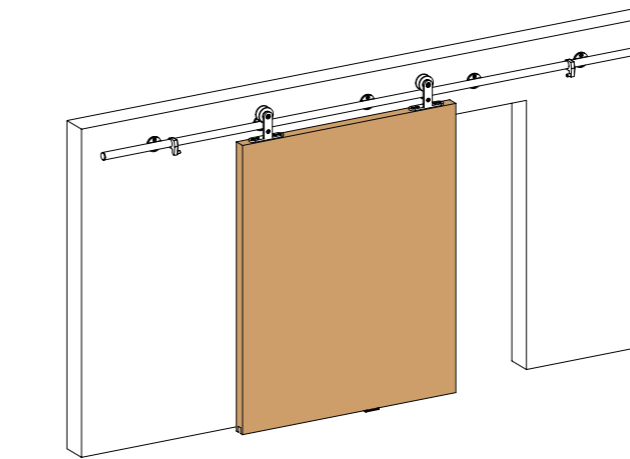


Technical Parameters

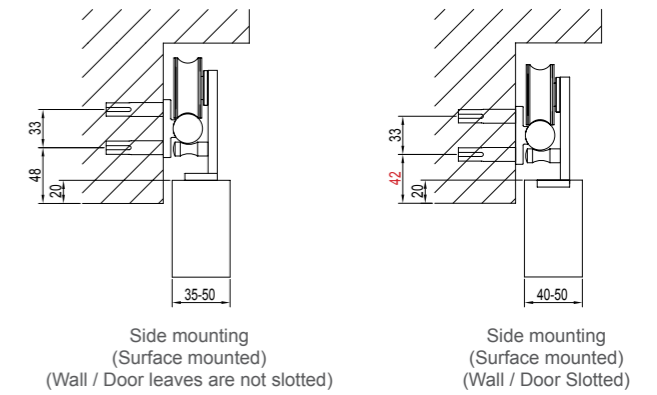
Applicable maximum door weight	100Kg
Applicable minimum door thickness	35~50mm
Applicable door leaf width	600~1200mm
Applicable door height	≤2400mm

Main Material and Surface Finish

Hanging wheel body	304 stainless steel (matt)
Pulley	304 stainless steel (matt) + Bearing GCr15 (natural color) + POM (black)
Positioning parts	304 stainless steel (matt)
Door bottom guide	304 stainless steel (natural color) + POM (black)
Hanging rail	304 stainless steel (matt)



Installation form diagram

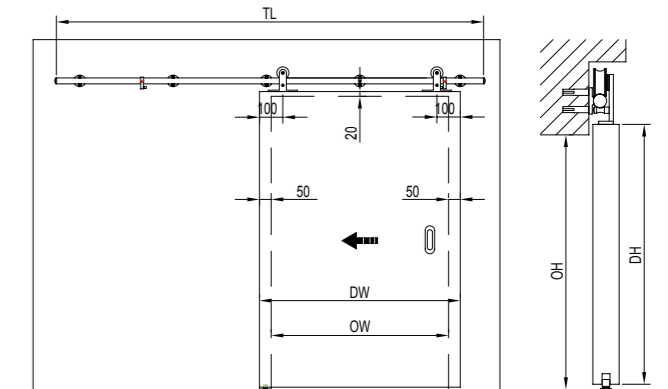


Installation form

Out hang type



Installation diagram



Supporting products (Optional)

Concealed Handle	1Set(SeeP251~P256)
Sliding door lock	1Set(Suitable for single door, SeeP168)

Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model	Hanging rail length	2000mm	2500mm	3000mm	4000mm	5000mm
1	Hanging wheel assembly		2 pcs	KYW53010	Single door	√	√	--	--	--
2	Door bottom guide		1 pcs		Double doors	--	--	√	√	√
3	Hanging rail		1 pcs	KYW91001 (Including limit piece)						

Note: The length of the hanging rail is shipped in accordance with the standard length of the attached table

Dimension definition

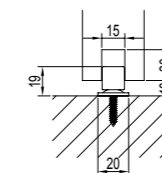
Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

$$DH=OH+10$$

$$OW=DW+100$$

Door bottom guide installation diagram

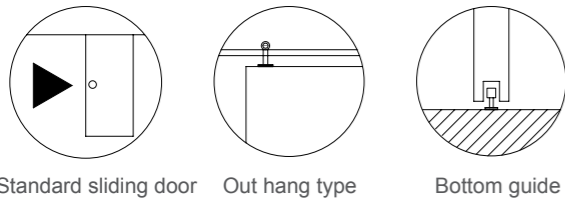


Standard configuration

Standard wooden sliding door KYW5430B

Applicable maximum door weight 100Kg

Sliding door function diagram



Standard sliding door Out hang type Bottom guide

Functional Characteristic

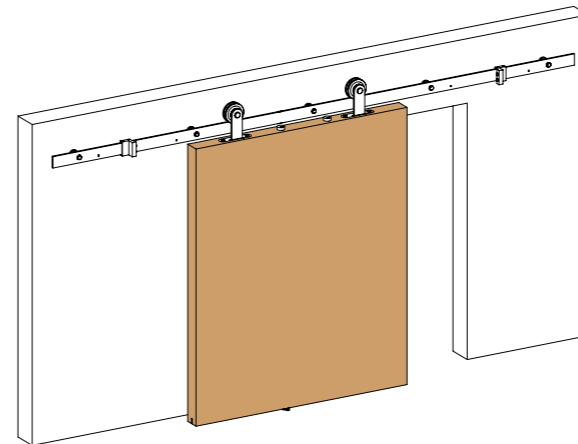
- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel adopts anti-derailment design, high safety
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- With strong metal texture, stylish and simple, unique style

Technical Parameters

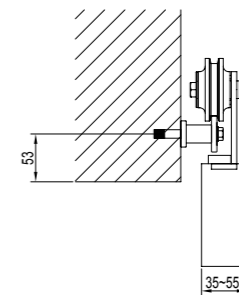
Applicable maximum door weight	100Kg
Applicable minimum door thickness	35~55mm
Applicable door leaf width	600~1200mm
Applicable door height	≤2500mm

Main Material and Surface Finish

Hanger body	High quality carbon steel (painted, black)
Pulley	High quality carbon steel (painted, black) + Bearing GCr15 (natural color) + POM (black)
Limit parts	High quality carbon steel (painted, black)
Door bottom guide fitting	Nylon (black)
Hanging rail	High-quality carbon steel (painted, black)
Hanging rail support	High-quality carbon steel (painted, black)



Installation form diagram



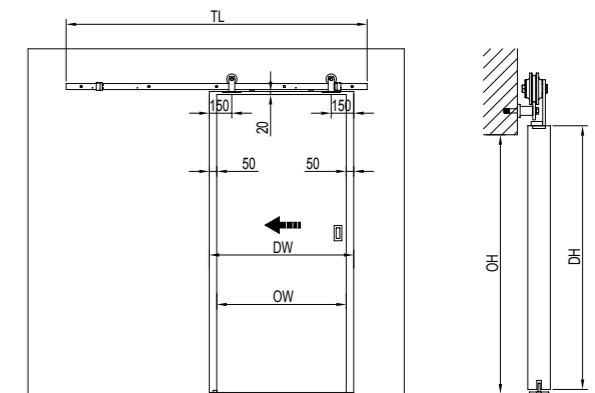
Side mounting(Surface mounted)

Installation form

Out hang type



Installation diagram



Supporting products (Optional)

Concealed Handle	1Set(SeeP251~P256)
Sliding door lock	1Set(Suitable for single door, SeeP168)

Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model	Hanging rail length	2000mm	2500mm	3000mm	4000mm	5000mm
1	Hanging wheel assembly		2 pcs	KYW5430B	Single door	√	√	--	--	--
2	Limit parts		2 pcs		Double doors	--	--	√	√	√
3	Door bottom guide fitting		1 pcs							
4	Anti-jumper		2 pcs							
5	Hanging rail support									
6	Hanging rail		1 pcs							

Note: The length of the hanging rail is shipped in accordance with the standard length of the attached table

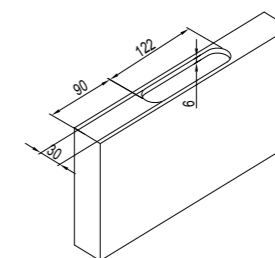
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

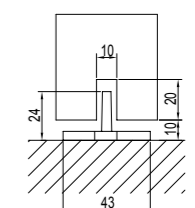
Calculation formula (Single door)

$DH = OH + 10$
$OW = DW + 100$

Slotting diagram of hanging wheel assembly



Door bottom guide installation diagram

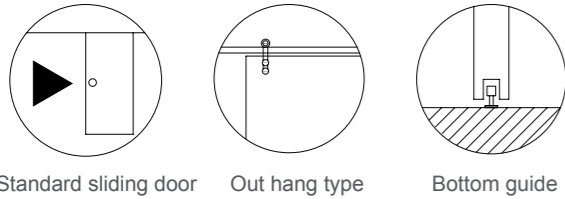


Standard configuration

Standard wooden sliding door KYW5550B

Applicable maximum door weight 150Kg

Sliding door function diagram



Standard sliding door Out hang type Bottom guide

Functional Characteristic

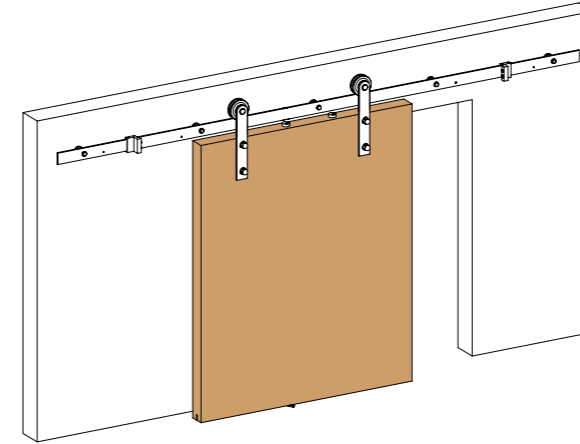
- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel adopts anti-derailment design, high safety
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- With strong metal texture, stylish and simple, unique style

Technical Parameters

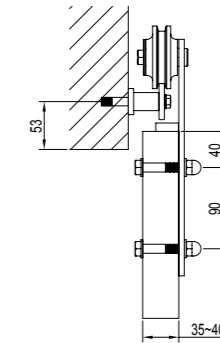
Applicable maximum door weight	150Kg
Applicable minimum door thickness	35~40mm
Applicable door leaf width	600~1200mm
Applicable door height	≤2700mm

Main Material and Surface Finish

Hanger body	High quality carbon steel (painted, black)
Pulley	High quality carbon steel (painted, black) + Bearing GCr15 (natural color) + POM (black)
Limit parts	High quality carbon steel (painted, black)
Door bottom guide fitting	Nylon (black)
Hanging rail	High-quality carbon steel (painted, black)
Hanging rail support	High-quality carbon steel (painted, black)



Installation form diagram



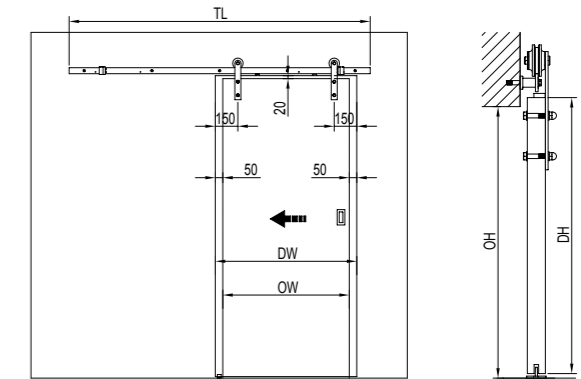
Side mounting(Surface mounted)

Installation form

Out hang type



Installation diagram



Supporting products (Optional)

Concealed Handle	1Set(SeeP251~P256)
Sliding door lock	1Set(Suitable for single door, SeeP168)

Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model	Hanging rail length	2000mm	2500mm	3000mm	4000mm	5000mm	
1	Hanging wheel assembly		2 pcs	KYW5550B	Single door	√	√	--	--	--	
2	Limit parts		2 pcs		Double doors	--	--	√	√	√	
3	Door bottom guide fitting		1 pcs								
4	Anti-jumper		2 pcs								
5	Hanging rail support		/								
6	Hanging rail		1 pcs								

Note: The length of the hanging rail is shipped in accordance with the standard length of the attached table

Dimension definition

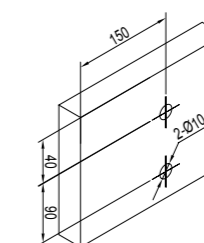
Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

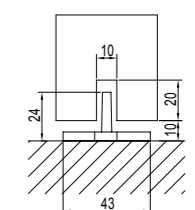
$$DH=OH+10$$

$$OW=DW+100$$

Slotting diagram of hanging wheel assembly



Door bottom guide installation diagram

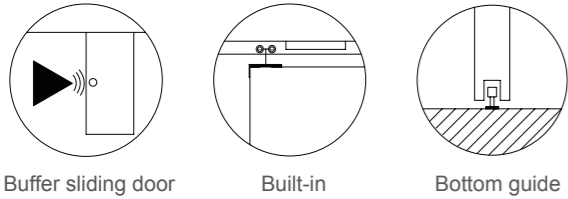


Standard configuration

Buffer wooden sliding doors KYN5122H

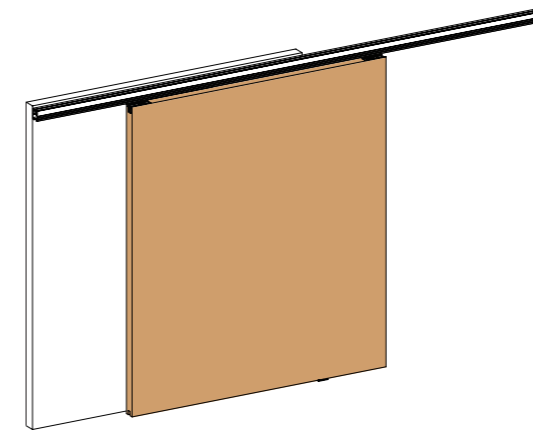
Applicable maximum door weight 80Kg

Sliding door function diagram

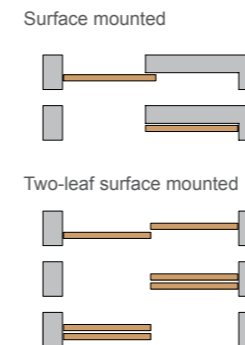


Functional Characteristic

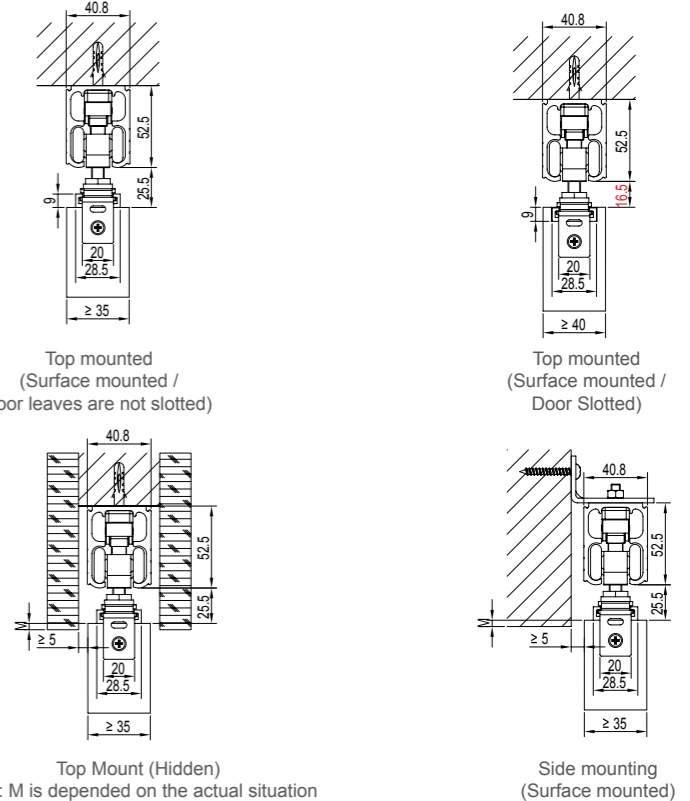
- Suitable for single or double wooden sliding doors
- Suitable for two-way buffer wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The cushion can be closed silently and gently, smooth
- Separate structure design of buffer and hanging wheel, convenient installation and maintenance
- Height adjustable ± 5 mm, eliminating some site tolerance



Installation form



Installation form diagram



Note: M is depended on the actual situation

Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	35mm
Applicable door leaf width	≥ 600 mm
Applicable door height	≤ 2200 mm

Main Material and Surface Finish

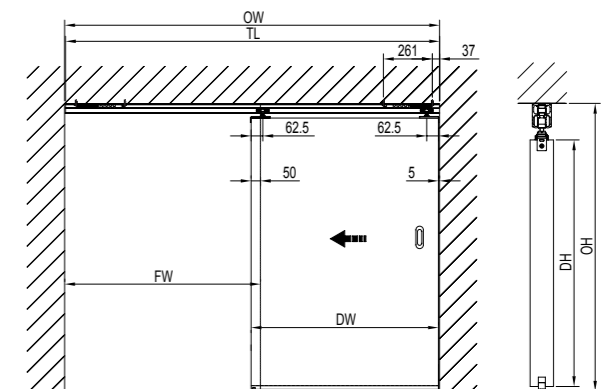
Wheel body	Zinc alloy (pearl chrome plating)
Pulley	Bearing GCr15 (natural color) + nylon (white)
Side mounting bracket	High-quality carbon steel (pearl chrome plating)
Fixing plates	High-quality carbon steel (pearl chrome plating)
Cushion parts	Nylon (gray)
Door bottom guide fitting	High-quality carbon steel (nickel plated) + Nylon (white)
Hanging rail	Aluminum alloy (anodized, silver white)

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Installation diagram



Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN5122H
2	Crushing parts		2 pcs	
3	Door bottom guide fitting		1 pcs	
4	Hanging rail		1 pcs	KYL53251H-01 (SeeP260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Supporting products (Optional)

Concealed Handle	1Set(SeeP251~P256)
Sliding door lock	1Set(Suitable for single door, SeeP168)

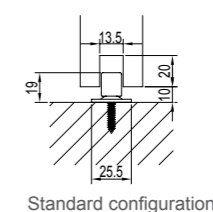
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

DH=OH-88 (Door leaves are not slotted)
DH=OH-80 (Door Slotted)
FW=OW/2+50
DW=FW-55
TL=OW-5

Door bottom guide installation diagram

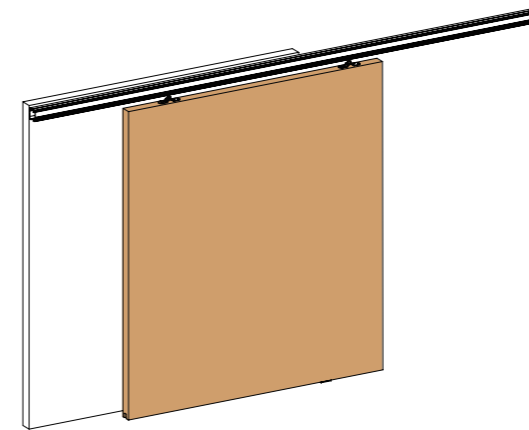
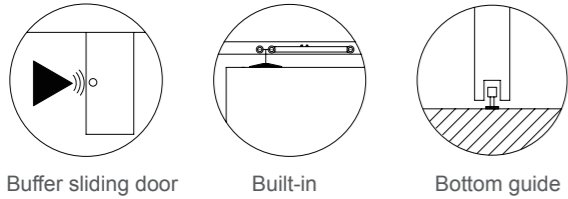


Standard configuration

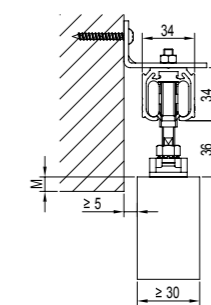
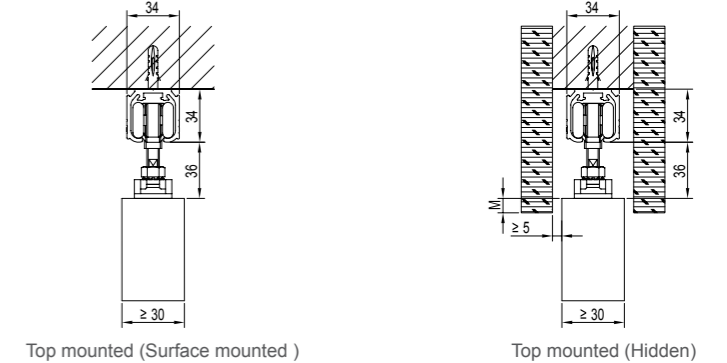
Buffer wooden sliding doors KYN6205H (New)

Applicable maximum door weight 80Kg

Sliding door function diagram



Installation form diagram

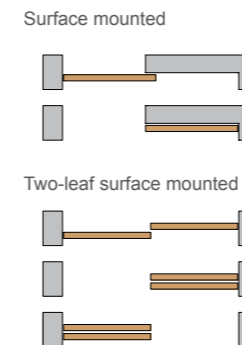


Side mounting (Surface mounted)
Note: M is depended on the actual situation

Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for two-way buffer wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The cushion can be closed silently and gently, smooth
- Separate structure design of buffer and hanging wheel, convenient installation and maintenance
- Height adjustable ± 5 mm, eliminating some site tolerance

Installation form



Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	30mm
Applicable door leaf width	≥ 800 mm
Applicable door height	≤ 2200 mm

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

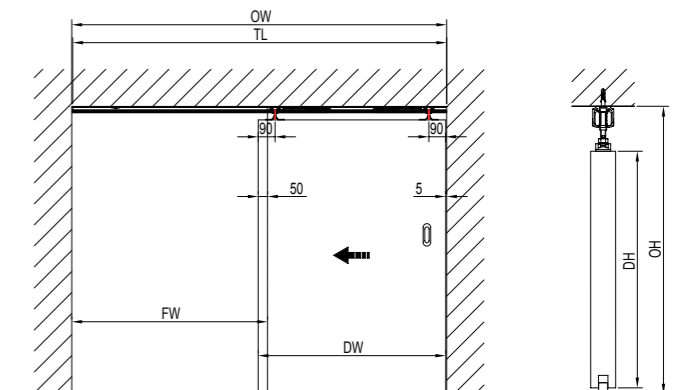
Main Material and Surface Finish

Wheel body	Zinc alloy (pearl chrome plating)
Pulley	Bearing GCr15 (natural color) + nylon(white)
Lifting bracket	High-quality carbon steel (pearl chrome plating)
Cushion parts	Nylon (gray)
Door bottom guide fitting	High-quality carbon steel (nickel plated) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

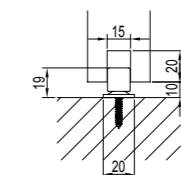
Supporting products (Optional)

Concealed Handle	1Set (SeeP251~P256)
Sliding door lock	1Set (SeeP168)

Installation diagram



Door bottom guide installation diagram



Standard configuration

Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

$DH = OH - 80$
$FW = OW / 2 + 50$
$DW = FW - 55$
$TL = OW - 5$

Standard configuration (Single door)

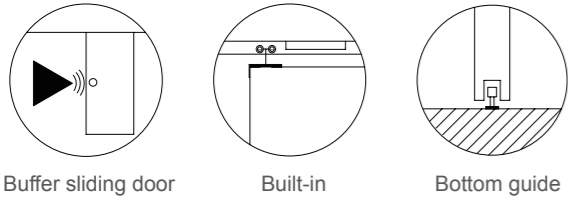
No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN6205H
2	Seat block		2 pcs	
3	Door bottom guide fitting		1 pcs	
4	Hanging rail		1 pcs	KYL53260H-01 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Buffer wooden sliding doors KYN6206H (New)

Applicable maximum door weight 80Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for two-way buffer wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The cushion can be closed silently and gently, smooth
- Separate structure design of buffer and hanging wheel, convenient installation and maintenance
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	30mm
Applicable door leaf width	≥ 600 mm
Applicable door height	≤ 2200 mm

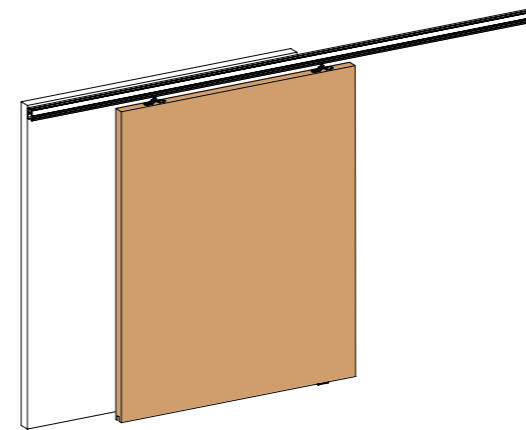
Main Material and Surface Finish

Wheel body	Zinc alloy (pearl chrome plating)
Pulley	Bearing GCr15 (natural color) + nylon (white)
Lifting bracket	High-quality carbon steel (pearl chrome plating)
Cushion parts	Nylon (gray)
Door bottom guide fitting	High-quality carbon steel (nickel plated) + POM (black)
Hanging rail	Aluminum alloy (anodized, silver white)

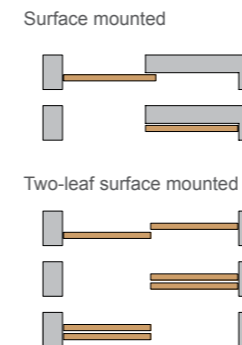
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN6206H
2	Cushion parts		2 pcs	
3	Door bottom guide fitting		1 pcs	
4	Hanging rail		1 pcs	KYL53251H-01 (See P260)

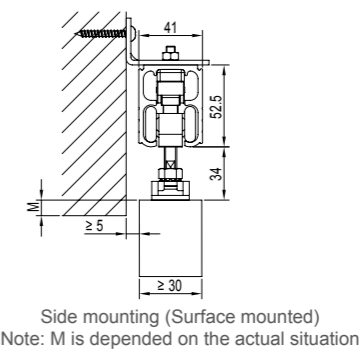
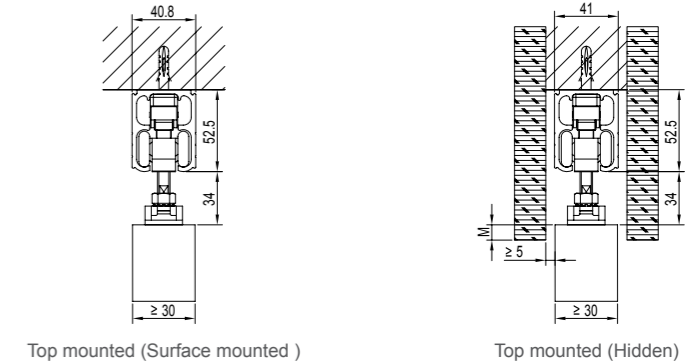
Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Installation form diagram



Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

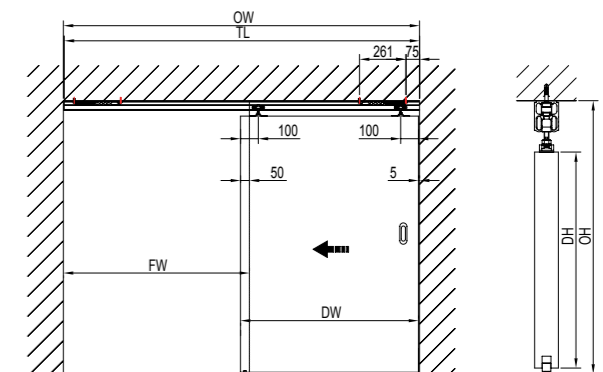


Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Supporting products (Optional)

Concealed Handle	1Set (SeeP251~P256)
Sliding door lock	1Set (SeeP168)

Installation diagram



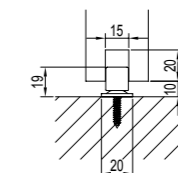
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

DH=OH-96
FW=OW/2+50
DW=FW-55
TL=OW-5

Door bottom guide installation diagram

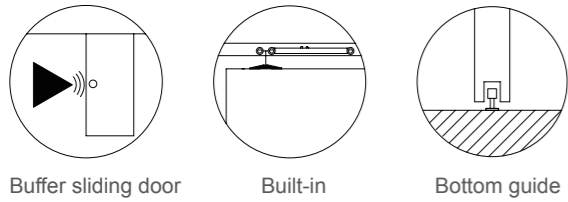


Standard configuration

Buffer wooden sliding doors KYN6301H /KYN6302H (New)

Applicable maximum door weight 100Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for two-way buffer wooden sliding doors
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- The cushion can be closed silently and gently, smooth
- Integral structure design of buffer and hanging wheel, fashionable and high-end, easy to install
- Height adjustable $\pm 3\text{mm}$, eliminating some site tolerance

Technical Parameters

Applicable maximum door weight	100Kg
Applicable minimum door thickness	30mm
Applicable door leaf width	$\geq 600\text{mm}$ (Single one way buffer)
	$\geq 900\text{mm}$ (Single two way buffer)
Applicable door height	$\leq 2500\text{mm}$

Main Material and Surface Finish

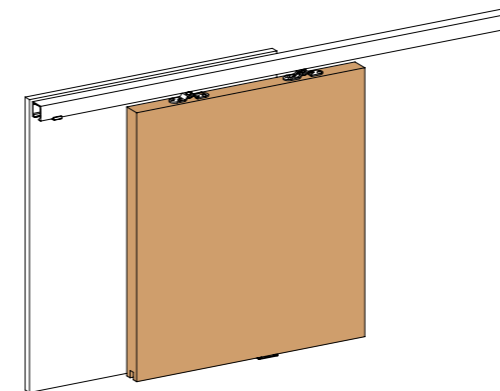
Wheel body	High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Lifting bracket	High-quality carbon steel (pearl chrome plating)
Locating piece	High-strength engineering plastic (black)
Door bottom guide fitting	304 stainless steel (natural color) + POM (black)
Cushion parts	Plastic (black)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

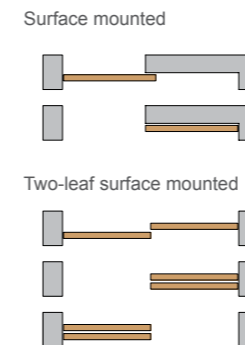
No.	Product Name	Product Picture	Quantity	Model
1	Buffer hanging wheel assembly		1 pcs	KYN6301H (single one way buffer)
2	Hanging wheel assembly		1 pcs	
3	Locating piece		1 pcs	
4	Door bottom guide fitting		1 pcs	

No.	Product Name	Product Picture	Quantity	Model
5	Buffer hanging wheel assembly		2 pcs	KYN6302H (Single two way buffer)
6	Door bottom guide fitting		1 pcs	
7	Hanging rail		1 pcs	KYN91003 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Supporting products (Optional)

Concealed Handle	1Set (SeeP251~P256)
Sliding door lock	1Set (SeeP168)

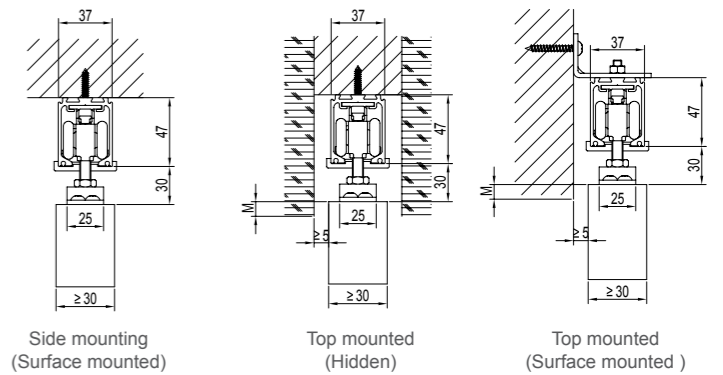
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

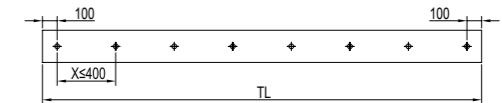
$DH = OH - 87$
$FW = OW / 2 + 50$
$DW = FW - 55$
$TL = OW - 5$

Installation form diagram



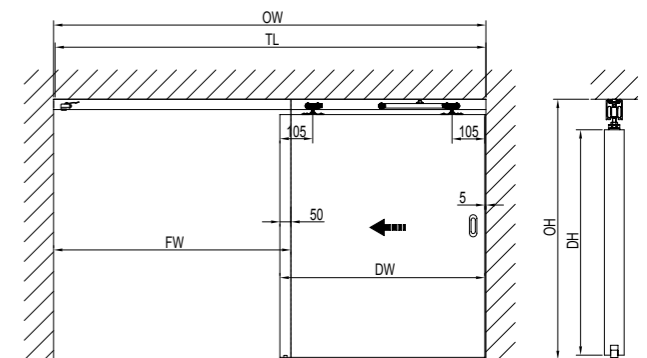
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

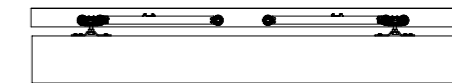


Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

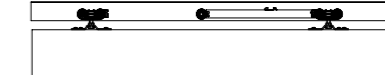
Installation diagram



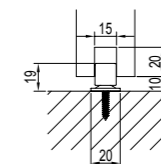
single two way buffer



single one way buffer



Door bottom guide installation diagram

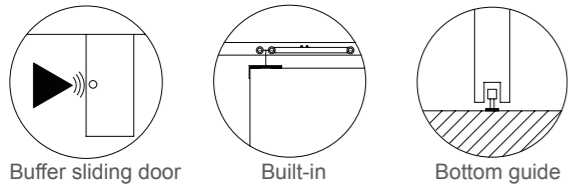


Standard configuration

Buffer wooden sliding doors KYN6303H/KYN6304H (New)

Applicable maximum door weight 100Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for two-way buffer wooden sliding doors
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- The cushion can be closed silently and gently, smooth
- Integral structure design of buffer and hanging wheel, fashionable and high-end, easy to install
- Height adjustable ± 3 mm, eliminating some site tolerance

Technical Parameters

Applicable maximum door weight	100Kg
Applicable minimum door thickness	30mm
Applicable door leaf width	≥ 600 mm (Single one way buffer)
	≥ 900 mm (Single two way buffer)
Applicable door height	≤ 2500 mm

Main Material and Surface Finish

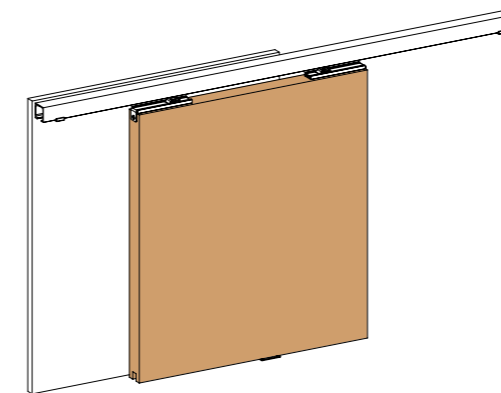
Wheel body	High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Side mounting bracket	304 stainless steel (matt)
Fixing plates	Aluminum alloy (anodized, silver white)
Locating piece	High-strength engineering plastic (black)
Door bottom guide fitting	304 stainless steel (natural color) + POM (black)
Cushion parts	Plastic (black)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

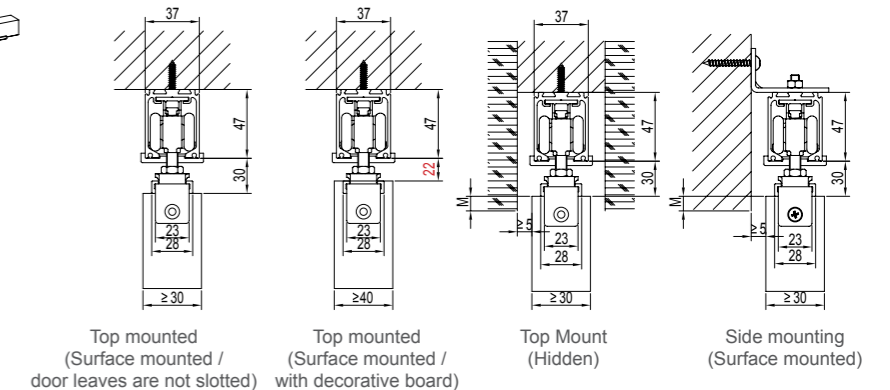
No.	Product Name	Product Picture	Quantity	Model
1	Buffer hanging wheel assembly		1 pcs	KYN6303H (single one way buffer)
2	Hanging wheel assembly		1 pcs	
3	Locating piece		1 pcs	
4	Door bottom guide fitting		1 pcs	

No.	Product Name	Product Picture	Quantity	Model
5	Buffer hanging wheel assembly		2 pcs	KYN6304H (single two way buffer)
6	Door bottom guide fitting		1 pcs	
7	Hanging rail		1 pcs	KYN91003 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

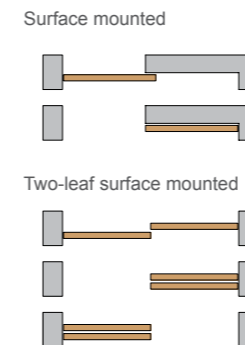


Installation form diagram

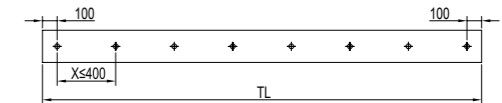


Note: M is depended on the actual situation

Installation form

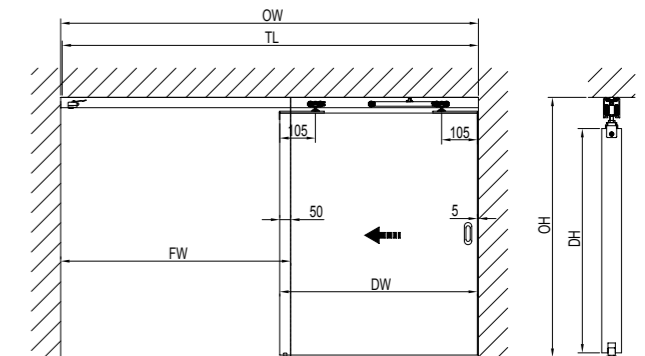


Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Supporting products (Optional)

Concealed Handle	1Set (SeeP251~P256)
Sliding door lock	1Set (SeeP168)

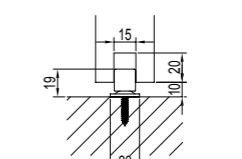
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

$DH=OH-87$ (Door leaves are not slotted)
$DH=OH-79$ (Door Slotted)
$FW=OW/2+50$
$DW=FW-55$
$TL=OW-5$

Door bottom guide installation diagram

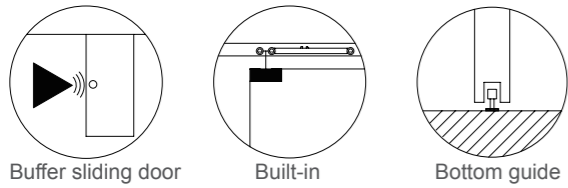


Standard configuration

Buffer wooden sliding doors KYN6305H/KYN6306H (New)

Applicable maximum door weight 100Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for two-way buffer wooden sliding doors
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- The cushion can be closed silently and gently, smooth
- Integral structure design of buffer and hanging wheel, fashionable and high-end, easy to install
- Height adjustable ± 3 mm, eliminating some site tolerance

Technical Parameters

Applicable maximum door weight	100Kg
Applicable minimum door thickness	40mm
Applicable door leaf width	≥ 600 mm (Single one way buffer)
	≥ 900 mm (Single two way buffer)
Applicable door height	≤ 2500 mm

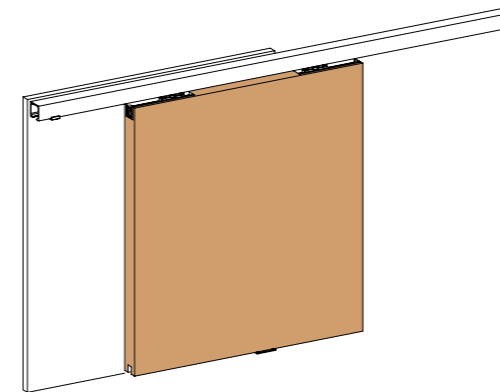
Main Material and Surface Finish

Wheel body	High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Fixing groove	Aluminum alloy (anodized, silver white)
Fixed seat	Aluminium alloy (sandblasted)
Locating piece	High-strength engineering plastic (black)
Door bottom guide fitting	304 stainless steel (natural color) + POM (black)
Cushion parts	Plastic (black)
Hanging rail	Aluminum alloy (anodized, silver white)

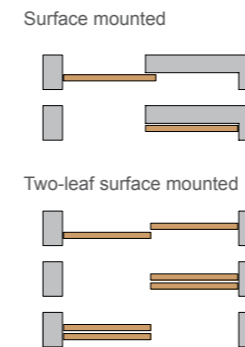
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Buffer hanging wheel assembly		1 pcs	KYN6305H (single one way buffer)
2	Hanging wheel assembly		1 pcs	
3	Locating piece		1 pcs	
4	Door bottom guide fitting		1 pcs	
5	Buffer hanging wheel assembly		2 pcs	KYN6306H (single two way buffer)
6	Door bottom guide fitting		1 pcs	
7	Hanging rail		1 pcs	KYN91003 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



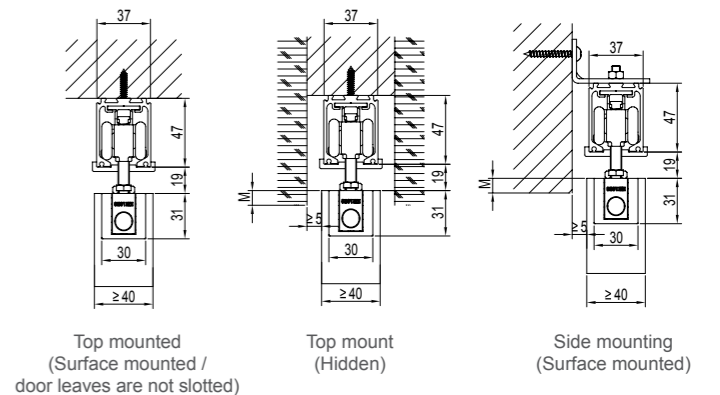
Supporting products (Optional)

Concealed Handle	1Set (SeeP251~P256)
Sliding door lock	1Set (SeeP168)

Dimension definition

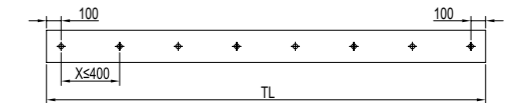
Door leaf width	DW	DH=OH-76
Door opening width	OW	FW=OW/2+50
Fixed leaf width	FW	DW=FW-55
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Installation form diagram



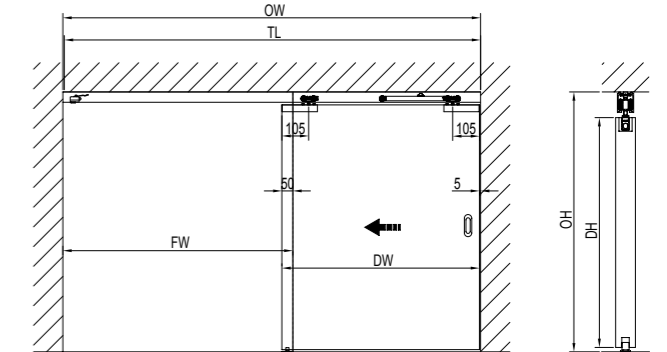
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

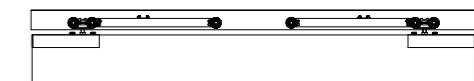


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

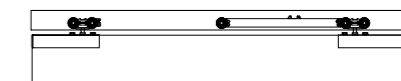
Installation diagram



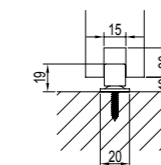
Single two way buffer



Single one way buffer



Door bottom guide installation diagram

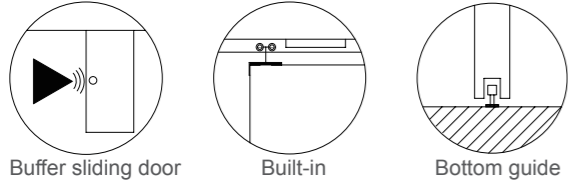


Standard configuration

Buffer wooden sliding doors KYN5142H

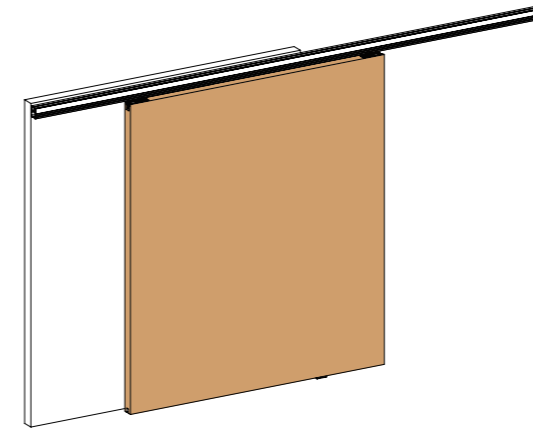
Applicable maximum door weight 120Kg

Sliding door function diagram

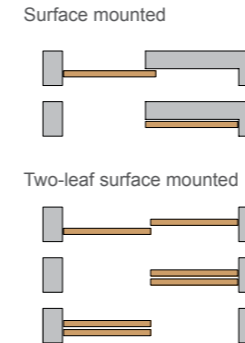


Functional Characteristic

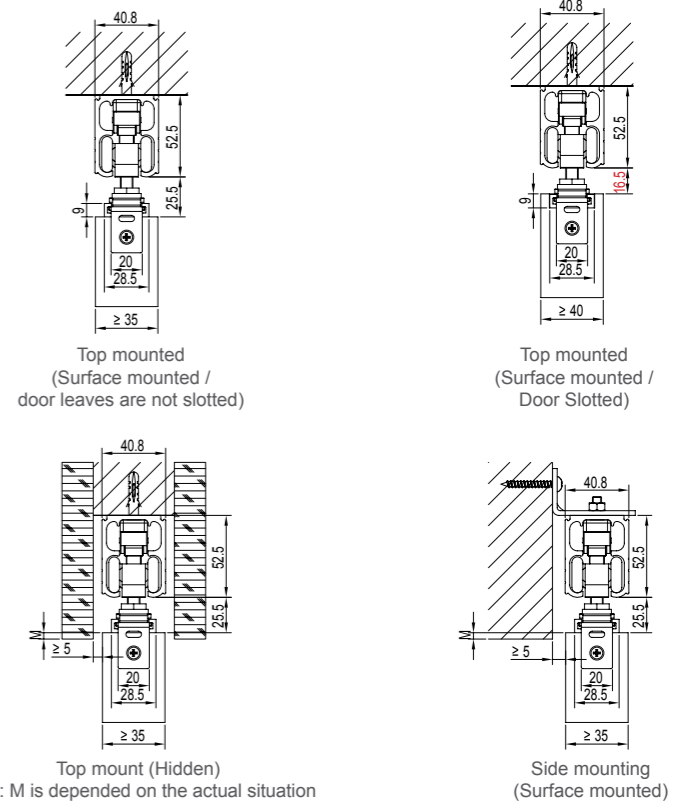
- Suitable for single or double wooden sliding doors
- Suitable for two-way buffer wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The cushion can be closed silently and gently, smoothly
- Separate structure design of buffer and hanging wheel, convenient installation and maintenance
- Height adjustable ± 5 mm, eliminating some site tolerance



Installation form



Installation form diagram



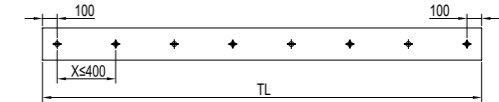
Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	35mm
Applicable door leaf width	≥ 700 mm
Applicable door height	≤ 2600 mm

Main Material and Surface Finish

Wheel body	zinc alloy (pearl chrome plating)
Pulley	Bearing GCr15 (natural color) + nylon (white)
Side mounting bracket	High-quality carbon steel (pearl chrome plating)
Fixing plates	High-quality carbon steel (pearl chrome plating)
Cushion parts	Nylon (grey)
Door bottom guide fitting	High-quality carbon steel (nickel plated) + Nylon (white)
Hanging rail	Aluminum alloy (anodized, silver white)

Hanging rail opening size chart (Requires on-site cutting)

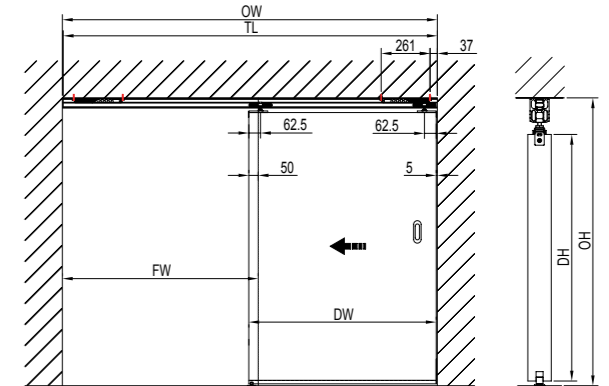


Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Supporting products (Optional)

Concealed Handle	1Set (SeeP251~P256)
Sliding door lock	1Set (SeeP168)

Installation diagram



Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN5142H
2	Crushing parts		2 pcs	
3	Door bottom guide fitting		1 pcs	
4	Hanging rail		1 pcs	KYL53251H-01 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

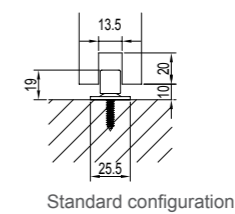
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

DH=OH-88 (Door leaves are not slotted)
DH=OH-80 (Door Slotted)
FW=OW/2+50
DW=FW-55
TL=OW-5

Door bottom guide installation diagram

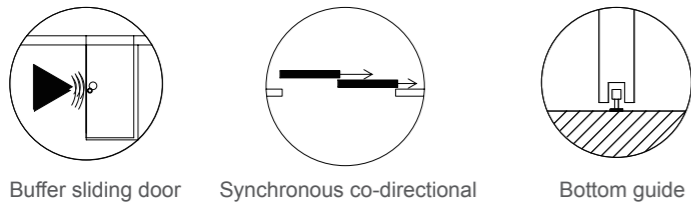


Standard configuration

Buffer wooden sliding doors KYN5121L(Buffer) previous code KYL53250H

Applicable maximum door weight 80Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- The lower guide rail can keep the door leaf sliding and stable in the standing state.
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The cushion can be closed silently and gently, smoothly
- Integral structure design of buffer and hanging wheel, fashionable and high-end, easy to install
- One door slides, the other door moves in the same direction
- The linkage device adopts special material synchronous toothed belt transmission for stable operation
- Height adjustable ± 3mm, eliminating some site tolerance

Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	35-50mm
Applicable door leaf width	600-900mm
Applicable door height	≤2200mm

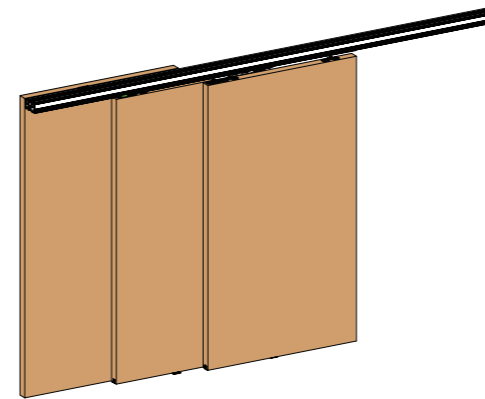
Main Material and Surface Finish

Wheel body	zinc alloy(pearl chrome plating)
Pulley	Bearing GCr15(natural color) + nylon (white)
Lifting bracket	High-quality carbon steel(nickel plating)
Cushion parts	Nylon(grey)
Guide wheel	Stainless steel(nickel plated) + Aluminum alloy(anodized, silver white)
Belt clip	Stainless steel(nickel plated)
Supporting base	Stainless steel(nickel plated)
Door bottom guide fitting	Stainless steel(nickel plated) + Nylon(white)
Toothed belt	Rubber(black)
Hanging rail	Aluminum alloy(anodized, silver white)
Lower guide rail	Aluminum alloy(anodized, silver white)

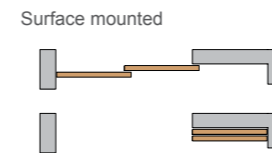
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		4 pcs	KYN5121L
2	Crushing parts		2 pcs	
3	Long guide wheel B		1 pcs	
4	Short guide wheel B		1 pcs	
5	Belt clip		1 pcs	
6	Supporting base		1 pcs	
7	Door bottom guide fitting		1 pcs	
8	Link Door bottom guide fitting		1 pcs	KYL53251H-01 (See P260)
9	Toothed belt		1 pcs	KZD24200-05 (See P260)
10	Hanging rail		2 pcs	
11	Lower guide rail		2 pcs	

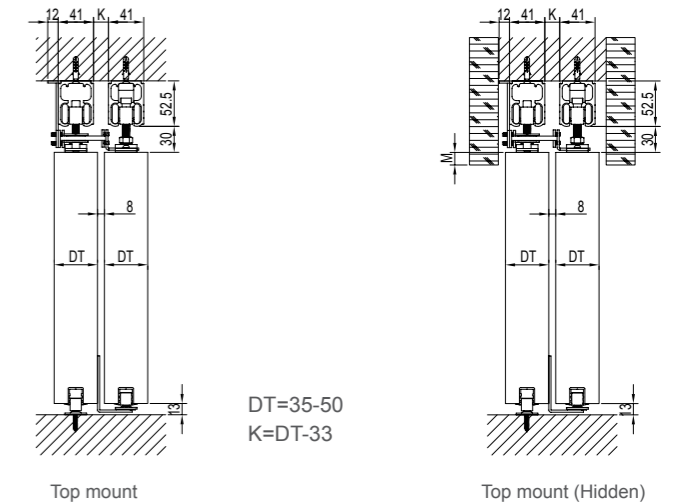
Note: Length of the hanging rail is calculated according to the width of the door hole. The length of the bottom rail is equal to the width of the door leaf, which needs to be ordered separately.



Installation form



Installation form diagram



Note: M is depended on the actual situation

Supporting products (Optional)

Concealed Handle 1Set (SeeP251~P256)

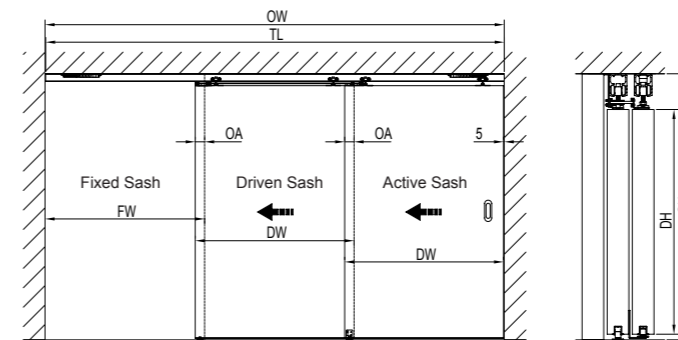
Note: When the size of the fixed sash is the same as the moving sash, you need to order a fixed fan accessory separately

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Installation diagram



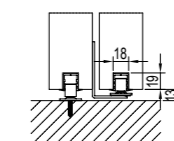
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Door leaf thickness	DT
Overlap position	OA
Hanging rail length	TL
Lower guide rail length	TL1

Calculation formula (Single door)

$DH = OH - 96$
$DW = (OW - 10 + 2 * OA - FW) / 2$
$OA \geq 65$
$TL = OW - 5$
$TL1 = DW$

Door bottom guide installation diagram

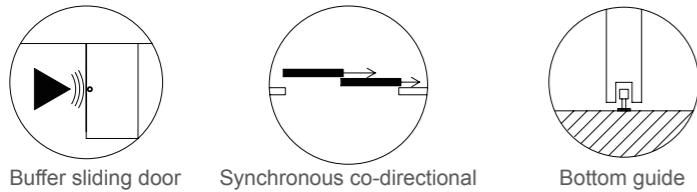


Standard configuration

Buffer wooden sliding doors KYN5131L(Buffer) previous code KYL53251H

Applicable maximum door weight 80Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- The lower guide rail can keep the door leaf sliding and stable in the standing state.
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The cushion can be closed silently and gently, smoothly
- Integral structure design of buffer and hanging wheel, fashionable and high-end, easy to install
- One door slides, the other door moves in the same direction
- The linkage device adopts special material synchronous toothed belt transmission for stable operation
- Height adjustable ± 3mm, eliminating some site tolerance

Standard configuration (Three sash, active sash)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		6 pcs	KYN5131L
2	Crushing parts		2 pcs	
3	Long guide wheel A		1 pcs	
4	Short guide wheel A		1 pcs	
5	Long guide wheel B		1 pcs	
6	Short guide wheel B		1 pcs	
7	Belt clip		1 pcs	
8	Supporting base		1 pcs	
9	Belt connection fitting		1 pcs	
10	Door bottom guide fitting		1 pcs	
11	Link Door bottom guide fitting		2 pcs	
12	Toothed belt		1 pcs	
13	Hanging rail		3 pcs	KYL53251H-01 (See P260)
14	Lower guide rail		3 pcs	KZD24200-05 (See P260)

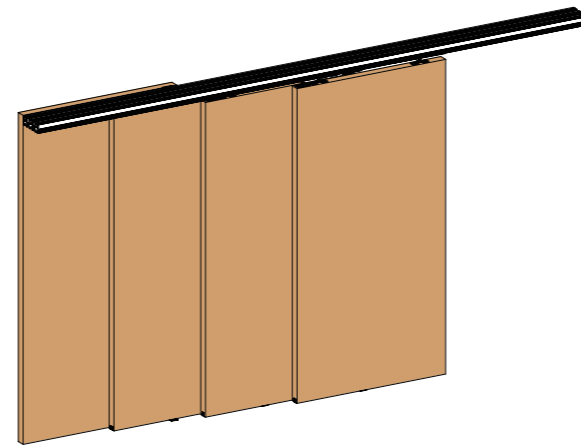
Note: Length of the hanging rail is calculated according to the width of the door hole. The length of the bottom rail is equal to the width of the door leaf, which needs to be ordered separately.

Technical Parameters

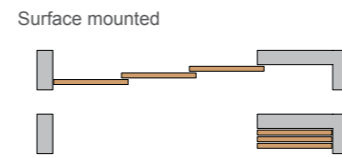
Applicable maximum door weight	80Kg
Applicable minimum door thickness	35-50mm
Applicable door leaf width	600-900mm
Applicable door height	≤2200mm

Main Material and Surface Finish

Wheel body	zinc alloy(pearl chrome plating)
Pulley	Bearing GCr15(natural color) + nylon (white)
Lifting bracket	High-quality carbon steel(nickel plating)
Cushion parts	Nylon(grey)
Guide wheel	Stainless steel(nickel plated) + Aluminum alloy(anodized, silver white)
Belt clip	Stainless steel(nickel plated)
Supporting base	Stainless steel(nickel plated)
Belt connection fitting	Stainless steel(nickel plated)
Door bottom guide fitting	Stainless steel(nickel plated) + Nylon(white)
Toothed belt	Rubber(black)
Hanging rail	Aluminum alloy(anodized, silver white)
Lower guide rail	Aluminum alloy(anodized, silver white)



Installation form

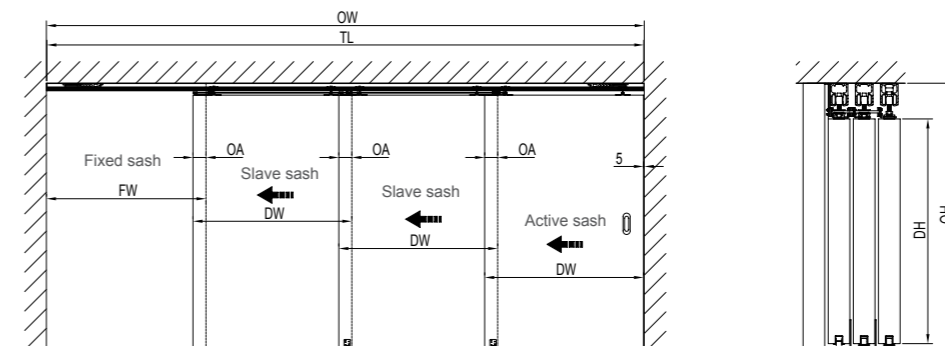


Supporting products (Optional)

Concealed Handle 1Set (SeeP251~P256)

Note: When the size of the fixed sash is the same as the moving sash, you need to order a fixed fan accessory separately

Installation diagram

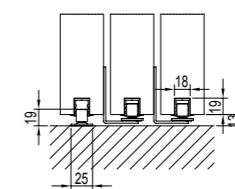


Dimension definition

Door leaf width	DW	DH=OH-96
Door opening width	OW	DW=(OW-10+3*OA-FW)/3
Fixed leaf width	FW	OA≥65
Door leaf height	DH	TL=OW-5
Door opening height	OH	TL1=DW
Door leaf thickness	DT	
Overlap position	OA	
Hanging rail length	TL	
Lower guide rail length	TL1	

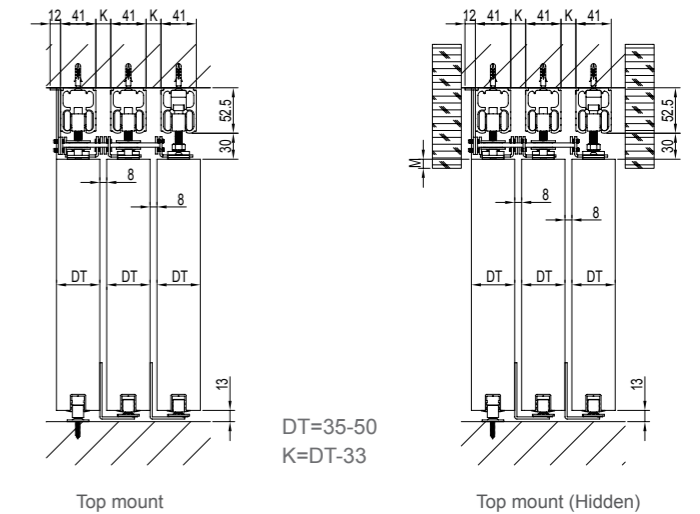
Calculation formula (Single door)

Door bottom guide installation diagram



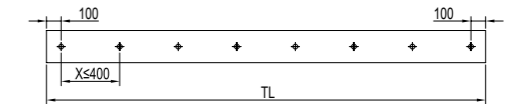
Standard configuration

Installation form diagram



Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

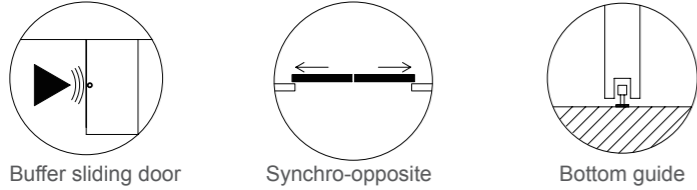


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Buffer wooden sliding doors KYN5122L (Buffer) code KYL53260H

Applicable maximum door weight 80Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- The lower guide rail can keep the door leaf sliding and stable in the standing state.
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The cushion can be closed silently and gently, smoothly
- Integral structure design of buffer and hanging wheel, fashionable and high-end, easy to install
- One door slides, the other door moves in the same direction
- The linkage device adopts special material synchronous toothed belt transmission for stable operation
- Height adjustable ± 3mm, eliminating some site tolerance

Standard configuration (Two sash, active sash)

No.	Product Name	Product Picture	Quantity	Model	
1	Hanging wheel assembly		2 pcs	KYN5122L	
2	Buffer hanging wheel assembly		2 pcs		
3	Toggle block		2 pcs		
4	Belt guide wheel		2 pcs		
5	Belt clip		1 pcs		
6	Belt connection fitting		1 pcs		
7	Door bottom guide fitting		2 pcs		
8	Toothed belt		1 pcs		
9	Hanging rail		1 pcs		KYL53260H-01 (SeeP260)
10	Lower guide rail		2 pcs		KZD24200-05 (SeeP260)

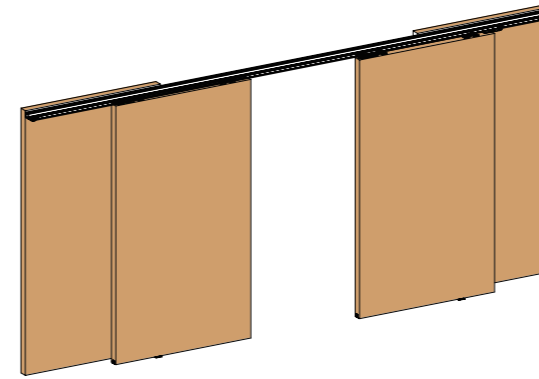
Note: Length of the hanging rail is calculated according to the width of the door hole. The length of the bottom rail is equal to the width of the door leaf, which needs to be ordered separately.

Technical Parameters

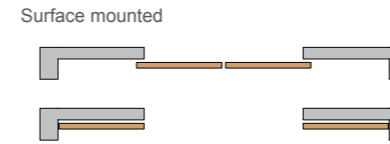
- Applicable maximum door weight: 80Kg
- Applicable minimum door thickness: 35-50mm
- Applicable door leaf width: 600-900mm
- Applicable door height: ≤2200mm

Main Material and Surface Finish

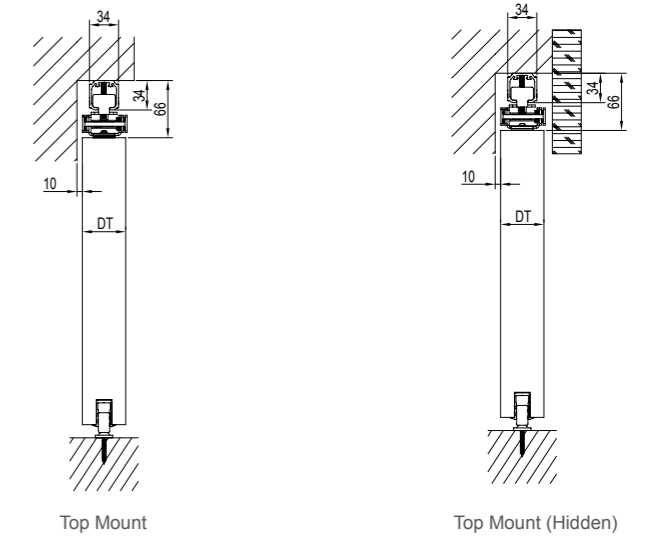
- Wheel body: Zinc alloy(nickel plated)
- Pulley: Bearing GCr15(natural color) + Nylon(white)
- Lifting bracket: High-quality carbon steel(nickel plating)
- Cushion parts: Nylon(grey)
- Seat Block: Stainless steel(nickel plated) + Nylon(grey)
- Belt clip: Stainless steel(nickel plated)
- Belt connection fitting: Stainless steel(nickel plated)
- Belt guide wheel: Stainless steel(nickel plated) + Aluminum alloy(silver white oxide)
- Door bottom guide fitting: Stainless steel(nickel plated) + Nylon(white)
- Toothed belt: Rubber(black)
- Hanging rail: Aluminum alloy(anodized, silver white)
- Lower guide rail: Aluminum alloy(anodized, silver white)



Installation form



Installation form diagram

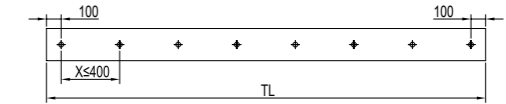


Supporting products (Optional)

Concealed Handle 1Set (SeeP251~P256)

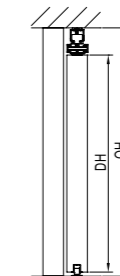
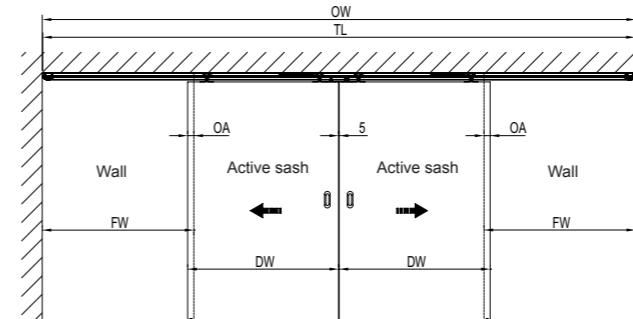
Note: When the size of the fixed sash is the same as the moving sash, you need to order a fixed fan accessory separately

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Installation diagram



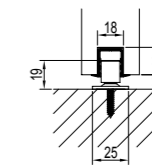
Dimension definition

- Door leaf width: DW
- Door opening width: OW
- Door leaf thickness: DT
- Door leaf height: DH
- Door opening height: OH
- Overlap position: OA
- Hanging rail length: TL
- Lower guide rail length: TL1

Calculation formula (Single door)

- $DH = OH - 76$
- $DW = (OW - 10 + 2 * OA - 2 * FW) / 2$
- $TL = OW - 5$
- $OA \geq 45$
- $TL1 = DW$

Door bottom guide installation diagram

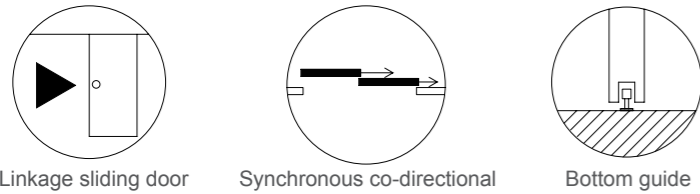


Standard configuration

Buffer wooden sliding doors (New) KYN5221L(No buffering)

Applicable maximum door weight 100Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- The lower guide rail can keep the door leaf sliding and stable in the standing state.
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- One door slides, the other door moves in the same direction
- The linkage device adopts special material synchronous toothed belt transmission for stable operation
- Height adjustable ± 3 mm, eliminating some site tolerance

Standard configuration (Two sash, active sash)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		4 pcs	KYN5221L
2	Locating piece		2 pcs	
3	Long guide wheel		1 pcs	
4	Short guide wheel		1 pcs	
5	Fixed seat		1 pcs	
6	Linkage film		1 pcs	
7	Belt fixing		1 pcs	
8	Link door bottom guide fitting		1 pcs	
9	Door bottom guide fitting		1 pcs	
10	Toothed belt		1 pcs	
11	Hanging rail		2 pcs	KYN91001 (See P260)
12	Lower guide rail		2 pcs	KZD24200-05 (SeeP260)

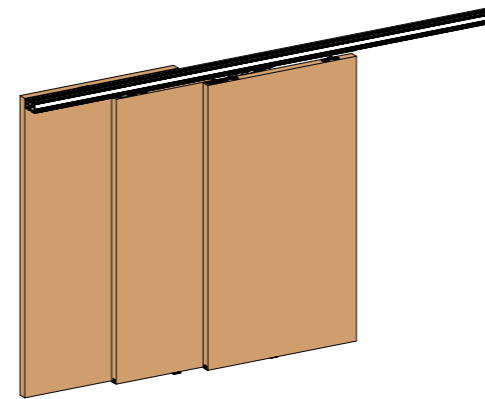
Note: Length of the hanging rail is calculated according to the width of the door hole. The length of the bottom rail is equal to the width of the door leaf, which needs to be ordered separately.

Technical Parameters

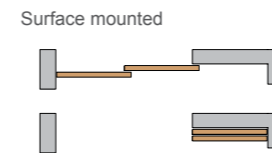
- Applicable maximum door weight 100Kg
- Applicable minimum door thickness 40-50mm
- Applicable door leaf width 600-1000mm
- Applicable door height ≤ 2500 mm

Main Material and Surface Finish

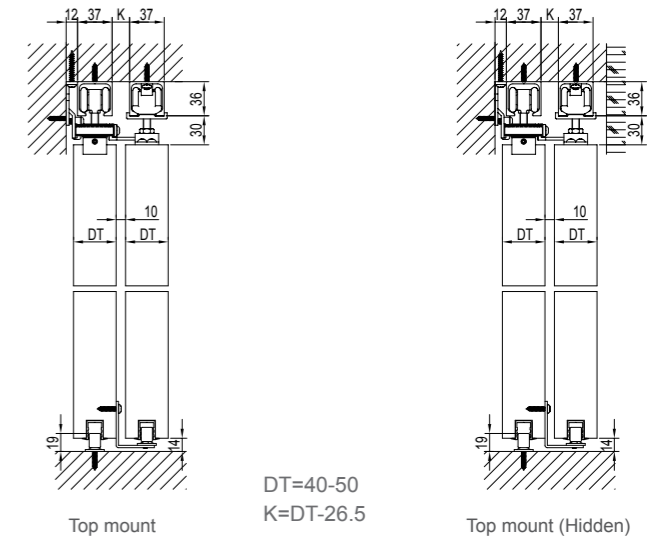
- Hanging wheel body High-strength engineering plastic (black)
- Pulley Bearing GCr15 (natural color) + POM (white)
- Lifting bracket High-quality carbon steel (white zinc plating)
- Positioning parts High-strength engineering plastic (white)
- Long guide wheel Aluminum alloy (sprayed, flash silver)
- Short guide wheel Aluminum alloy (sprayed, flash silver)
- Door bottom guide 304 stainless steel (natural color) + POM (black)
- Link Door bottom guide fitting 304 stainless steel (natural color) + POM (black)
- Guide wheel clamp 304 stainless steel (sandblasted)
- Linkage film Aluminum alloy (white zinc plating)
- Toothed belt Rubber (black)
- Hanging rail Aluminum alloy (anodized, silver white))
- Lower guide rail Aluminum alloy (anodized, silver white)



Installation form



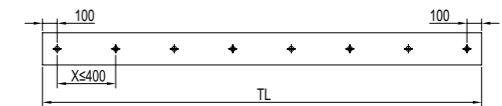
Installation form diagram



Supporting products (Optional)

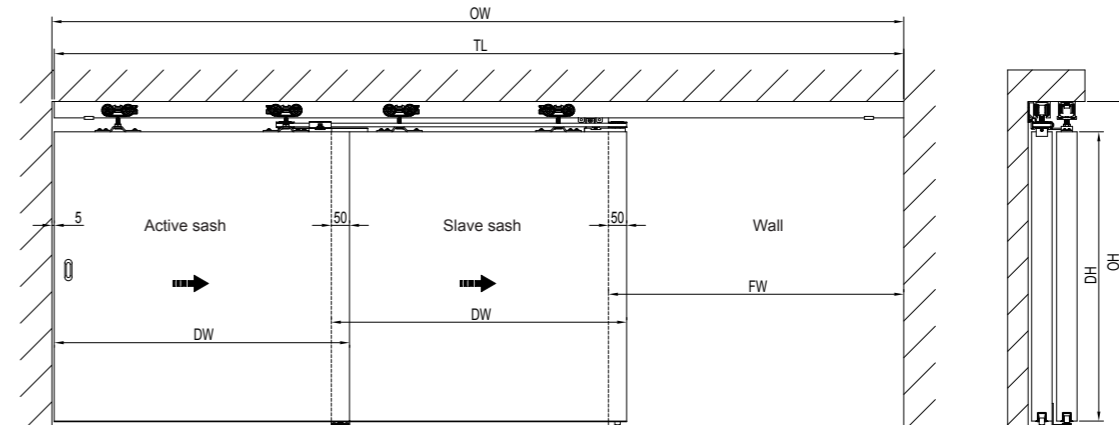
- Concealed Handle 1Set (SeeP251~P256)

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



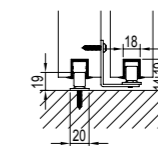
Dimension definition

- Door leaf width DW
- Door opening width OW
- Fixed leaf width FW
- Door leaf height DH
- Door opening height OH
- Door leaf thickness DT
- Hanging rail length TL
- Lower guide rail length TL1

Calculation formula (Single door)

- $DH=OH-80$
- $DW=(OW+2*50-10)/3$
- $FW=DW+5$
- $TL=OW-5$
- $TL1=DW$

Door bottom guide installation diagram

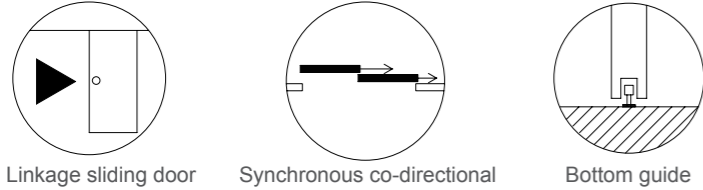


Standard configuration

Buffer wooden sliding doors (New) KYN5231L(No buffering)

Applicable maximum door weight 100Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- The lower guide rail can keep the door leaf sliding and stable in the standing state.
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- One door slides, the other door moves in the same direction
- The linkage device adopts special material synchronous toothed belt transmission for stable operation
- Height adjustable ± 3 mm, eliminating some site tolerance

Standard configuration (Three sash, active sash)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		6 pcs	KYN5231L
2	Locating piece		2 pcs	
3	Long guide wheel		2 pcs	
4	Short guide wheel		2 pcs	
5	Fixed seat		1 pcs	
6	Linkage film		2 pcs	
7	Belt fixing		1 pcs	
8	Link Door bottom guide fitting		2 pcs	
9	Door bottom guide fitting		1 pcs	
10	Toothed belt		2 pcs	
11	Sliding door connecting piece		1 pcs	
12	Hanging rail		3 pcs	KYN91001 (See P260)
13	Lower guide rail		3 pcs	KZD24200-05 (See P260)

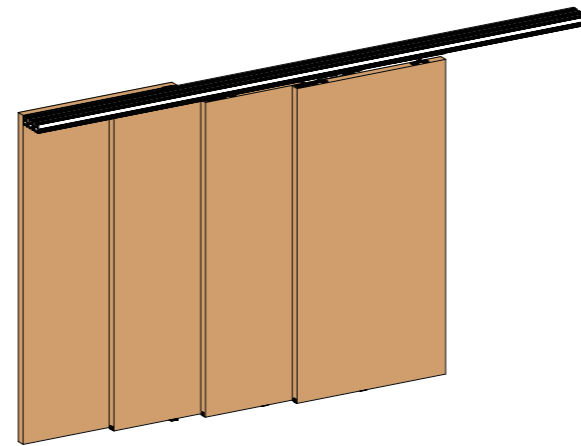
Technical Parameters

- Applicable maximum door weight 100Kg
- Applicable minimum door thickness 10-50mm
- Applicable door leaf width 600-1000mm
- Applicable door height ≤ 2500 mm

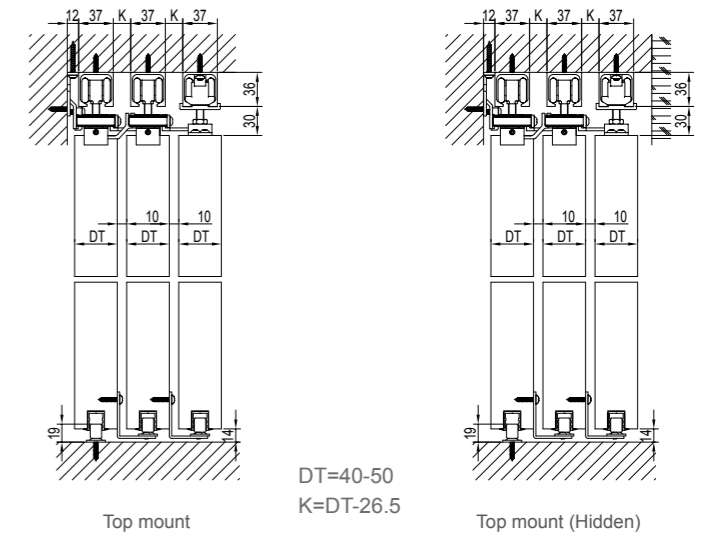
Main Material and Surface Finish

- Wheel body High-strength engineering plastic (black)
- Pulley Bearing GCr15(natural color) + Nylon(white)
- Lifting bracket High-quality carbon steel(nickel plating)
- Positioning parts High-strength engineering plastic (black)
- Long guide wheel Aluminum alloy(sprayed, flash silver)
- Short guide wheel Aluminum alloy(sprayed, flash silver)
- Door bottom guide fitting 304Stainless steel(natural color) + POM(black)
- Link Door bottom guide fitting 304Stainless steel(natural color) + POM(black)
- Guide wheel 304Stainless steel(sandblasted)
- Linkage film Zinc alloy(white zinc plating)
- Toothed belt Rubber(black)
- Hanging rail Aluminum alloy(anodized, silver white)
- Lower guide rail Aluminum alloy(anodized, silver white)

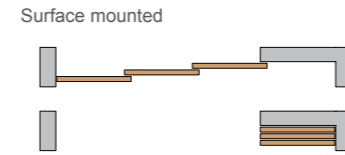
Note: Length of the hanging rail is calculated according to the width of the door hole. The length of the bottom rail is equal to the width of the door leaf, which needs to be ordered separately.



Installation form diagram



Installation form



Supporting products (Optional)

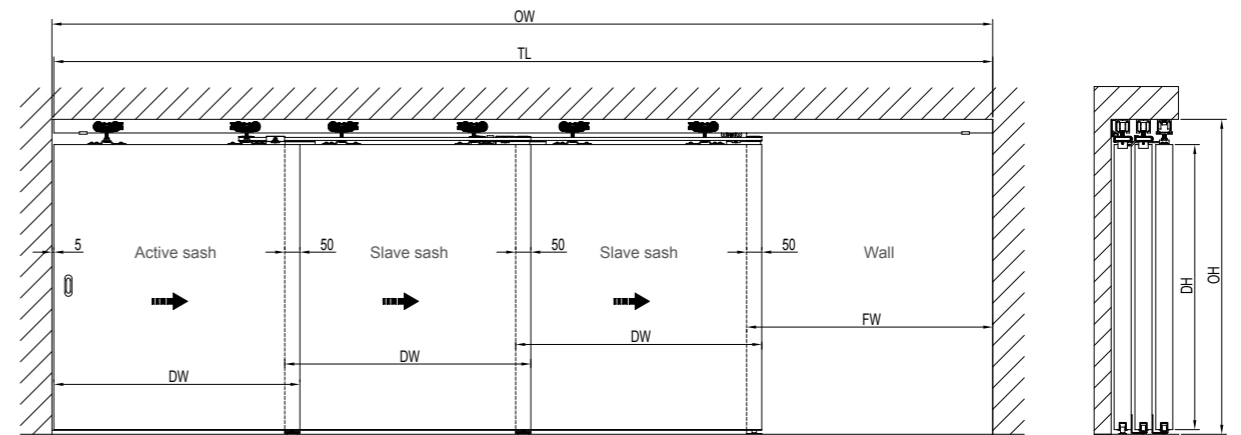
- Concealed Handle 1Set (See P251~P256)

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



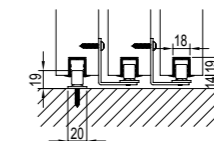
Dimension definition

- Door leaf width DW
- Door opening width OW
- Fixed leaf width FW
- Door leaf height DH
- Door opening height OH
- Door leaf thickness DT
- Hanging rail length TL
- Lower guide rail length TL1

Calculation formula (Single door)

- $DH=OH-80$
- $DW=(OW+3*50-10)/4$
- $FW=DW+5$
- $TL=OW-5$
- $TL1=DW$

Door bottom guide installation diagram

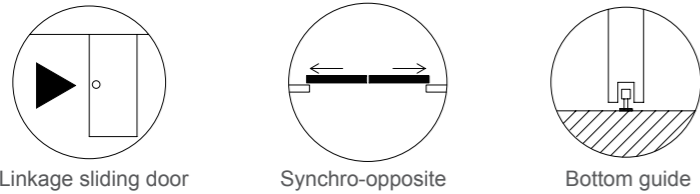


Standard configuration

Buffer wooden sliding doors (New) KYN5222L(No buffering)

Applicable maximum door weight 100Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- The lower guide rail can keep the door leaf sliding and stable in the standing state.
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- One door slides, the other door moves in the same direction
- The linkage device adopts special material synchronous toothed belt transmission for stable operation
- Height adjustable ± 3mm, eliminating some site tolerance

Technical Parameters

Applicable maximum door weight	100Kg
Applicable minimum door thickness	40-50mm
Applicable door leaf width	600-1000mm
Applicable door height	≤2500mm

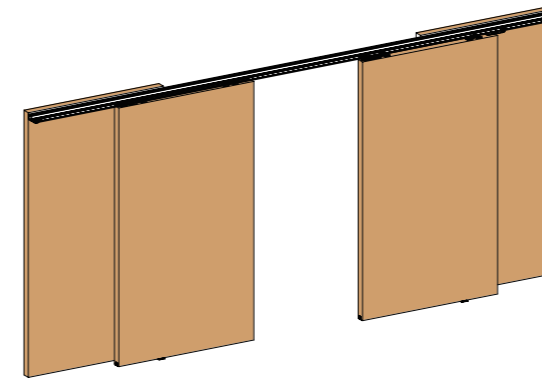
Main Material and Surface Finish

Wheel body	High-strength engineering plastic (black)
Pulley	Bearing GCr15(natural color) + Nylon(white)
Lifting bracket	High-quality carbon steel(nickel plating)
Positioning parts	High-strength engineering plastic (black)
Single clip fixed seat	Zinc alloy(white zinc plating)
Double clip fixed seat	Zinc alloy(white zinc plating)
Door bottom guide fitting	304Stainless steel(natural color) + POM(black)
Toothed belt	Rubber(black)
Hanging rail	Aluminum alloy(anodized, silver white)
Lower guide rail	Aluminum alloy(anodized, silver white)

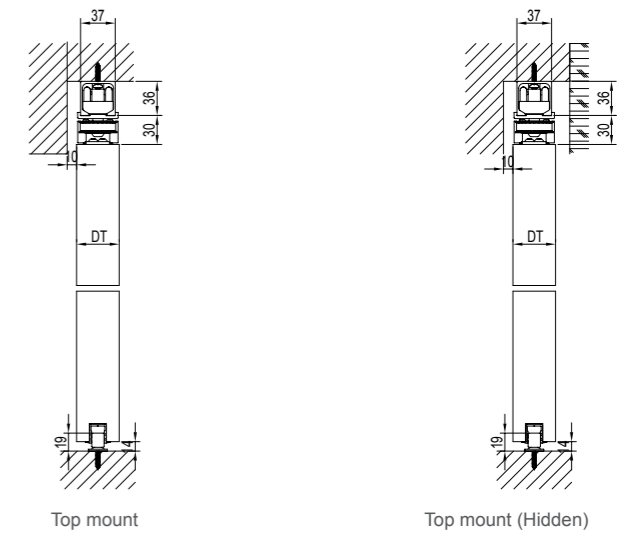
Standard configuration (Two sash, active sash)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		4 pcs	KYN5222L
2	Positioning parts		2 pcs	
3	Belt guide wheel		2 pcs	
4	Single clip fixed seat		1 pcs	
5	Double clip fixed seat		1 pcs	
6	Door bottom guide fitting		2 pcs	
7	Toothed belt		1 pcs	KYN91001 (See P260)
8	Hanging rail		1 pcs	
9	Lower guide rail		2 pcs	

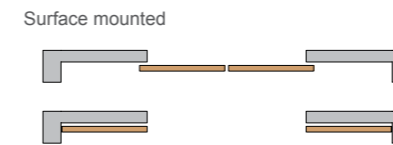
Note: Length of the hanging rail is calculated according to the width of the door hole. The length of the bottom rail is equal to the width of the door leaf, which needs to be ordered separately.



Installation form diagram



Installation form



Supporting products (Optional)

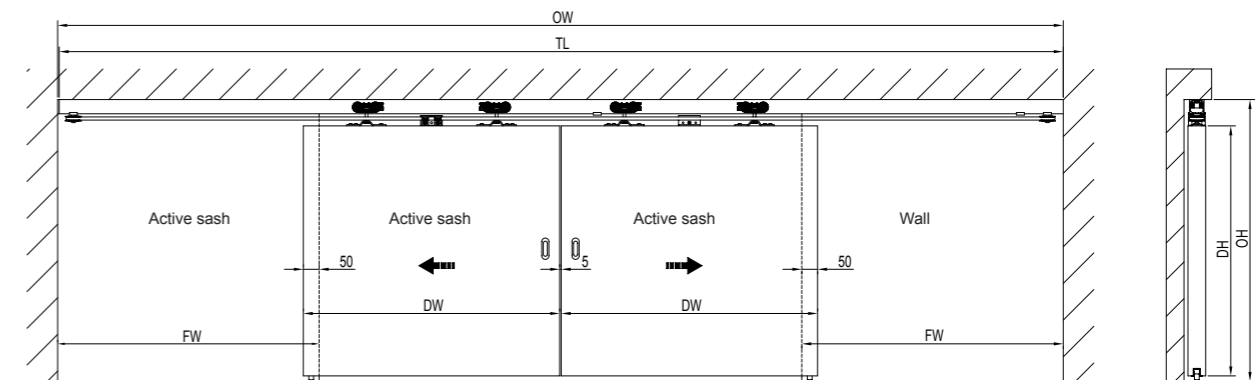
Concealed Handle 1Set (SeeP251~P256)

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3,4,8$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



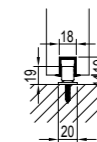
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Door leaf thickness	DT
Hanging rail length	TL
Lower guide rail length	TL1

Calculation formula (Single door)

$DH=OH-80$
$DW=(OW+2*50-15)/4$
$FW=DW+5$
$TL=OW-5$
$TL1=DW$

Door bottom guide installation diagram

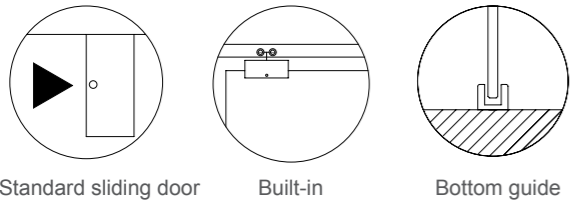


Standard configuration

Standard glass sliding door KYN21010 (New)

Applicable maximum door weight 60Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double glass sliding doors
- Suitable for residential, hotel, retail and office buildings
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Height adjustable ± 5mm, eliminating some site folerance



Technical Parameters

Applicable maximum door weight	60Kg
Applicable minimum door thickness	10-12mm
Applicable door height	≤2100mm

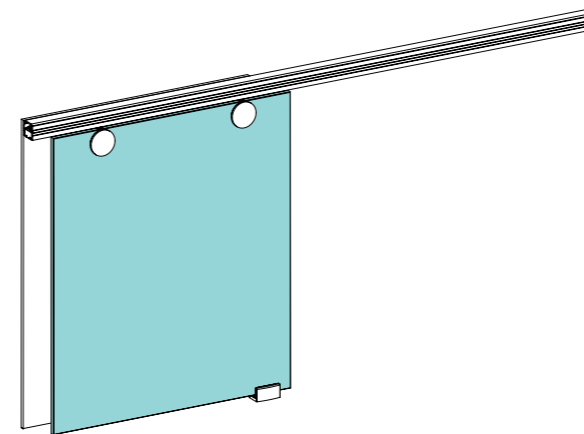
Main Material and Surface Finish

Hanging wheel body	High-quality carbon steel (galvanized)
Pulley	Bearing GCr15 (natural color) + POM (white)
glass clamps	304 stainless steel (Mirror)
Locating piece	High-strength engineering plastic (black)
Bottom guide fitting	304 stainless steel (Mirror) + nylon (gray)
Hanging rails	Aluminum alloy (anodized, silver white)

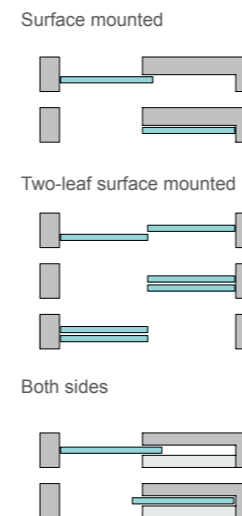
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN21010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

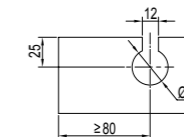
Concealed Handle	1Set(See P249-P250)
Sliding door lock	1Set(See P157-P158)

Dimension definition

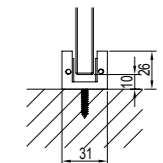
Door leaf width	DW	DH=OH-52
Door opening width	OW	FW=OW/2+30
Fixed leaf width	FW	DW=FW-35
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Calculation formula (Single door)

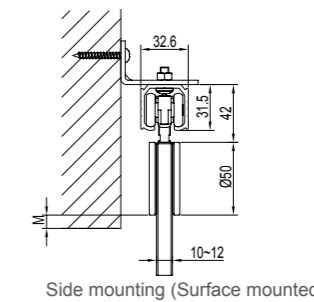
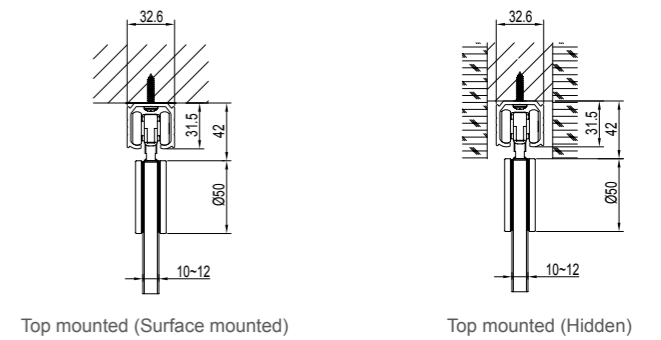
Glass cut out drawing



Door bottom guide installation diagram

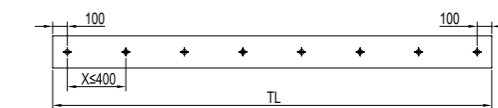


Installation form diagram



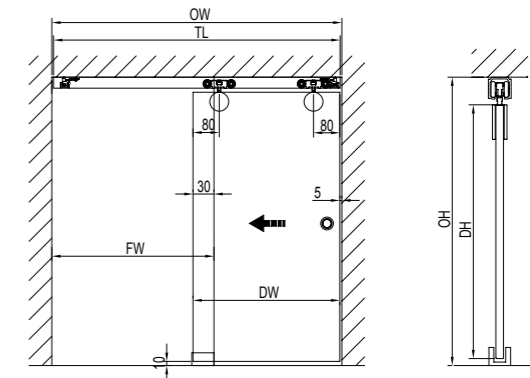
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

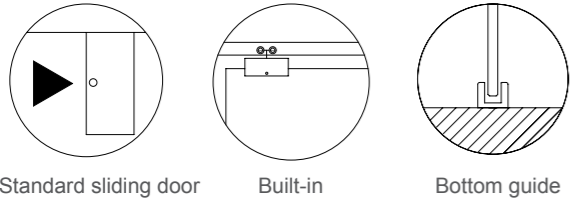
Installation diagram



Standard glass sliding door KYN13200

Applicable maximum door weight 80Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide



Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Height adjustable ± 5 mm, eliminating some site folerance

Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	10-12mm
Applicable door height	≤ 2200 mm

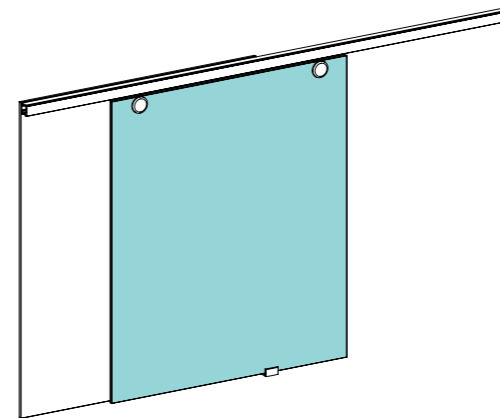
Main Material and Surface Finish

Hanging wheel body	Zinc alloy (nickel plating)
Pulley	Bearing GCr15 (natural color) + POM (white)
glass clamp	304Stainless steel (mirror)
Positioning parts	High-strength engineering plastic (white)
Door bottom guide	304 stainless steel (mirror) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

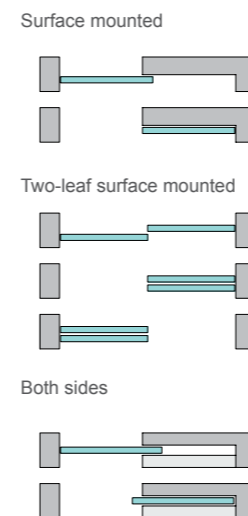
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN13200
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN51501 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

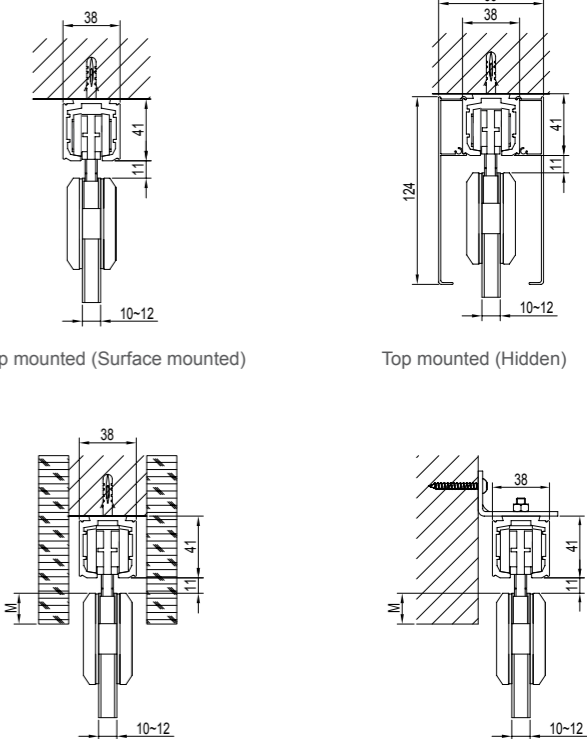
Concealed Handle	1Set (See P249~P250)
special concealed handles	1Set (See P157~P158)
Sliding door lock	1Pcs or 2Pcs (Code KYN51506)

Dimension definition

Door leaf width	DW	DH=OH-62
Door opening width	OW	FW=OW/2+50
Fixed leaf width	FW	DW=FW-55
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Calculation formula (Single door)

Installation form diagram



Top mounted (Surface mounted) Top mounted (Hidden)

Side mounting (Surface mounted)

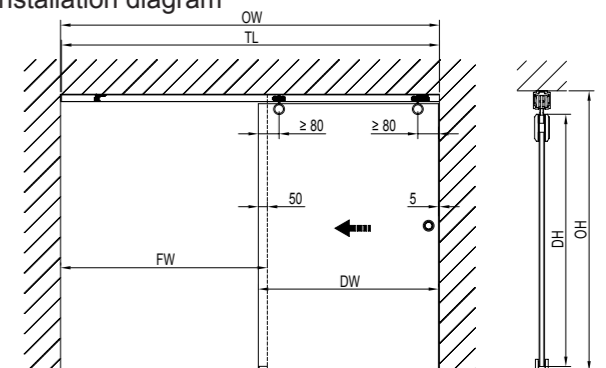
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

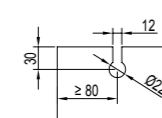


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

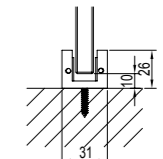
Installation diagram



Glass cut out drawing



Door bottom guide installation diagram



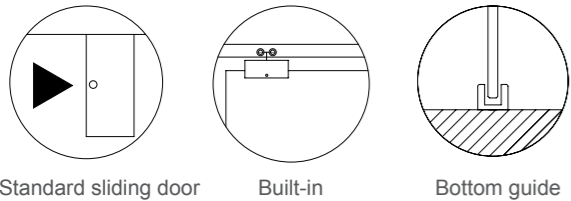
Sliding door

Sliding door

Standard glass sliding door KYN22010 (New)

Applicable maximum door weight 80Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly and smoothly
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Height adjustable ± 5 mm, eliminating some site folerance



Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	10-12mm
Applicable door height	≤ 2200 mm

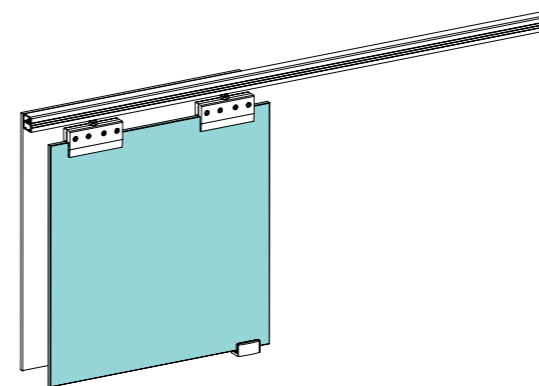
Main Material and Surface Finish

Hanging wheel body	Zinc alloy (nickel plating)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	Aluminum alloy (anodized, silver white)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

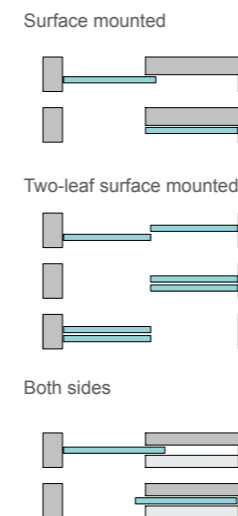
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN22010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

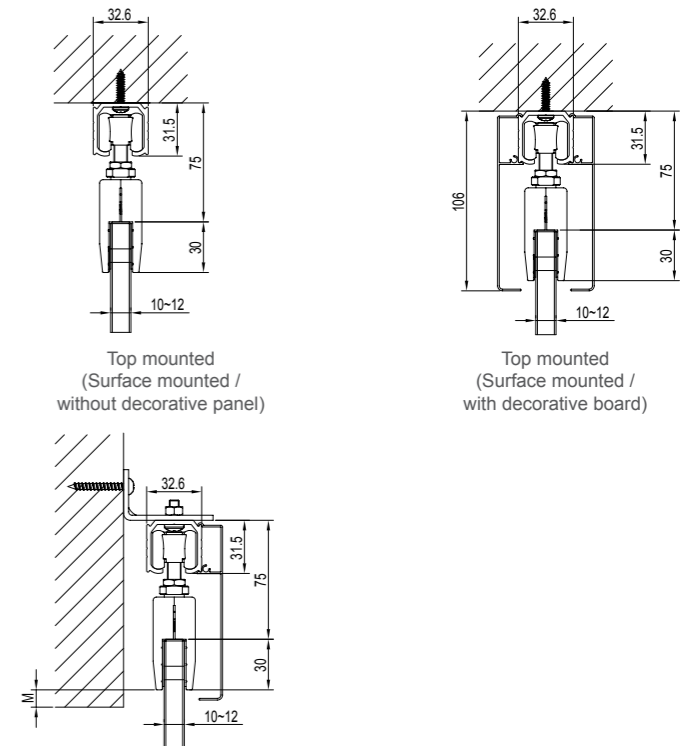
Concealed Handle	1Set (See P249~P250)
special concealed handles	1Set (See P157~P158)
Sliding door lock	1Pcs or 2Pcs (Code KYN11106)

Dimension definition

Door leaf width	DW	DH=OH-85
Door opening width	OW	FW=OW/2+30
Fixed leaf width	FW	DW=FW-35
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Calculation formula (Single door)

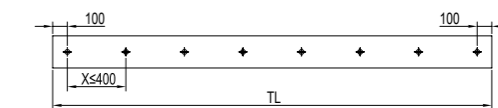
Installation form diagram



Side mounting (Surface mounted)

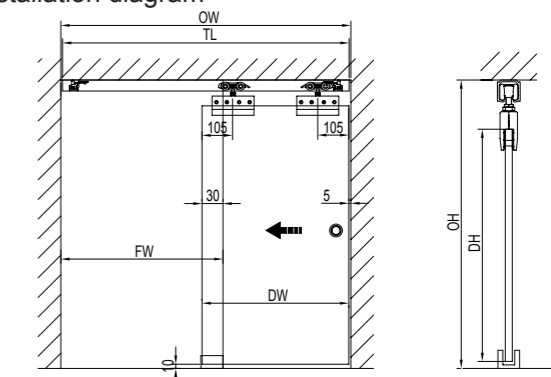
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

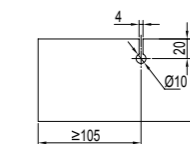


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

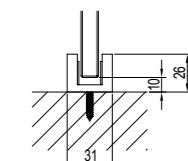
Installation diagram



Glass cut out drawing



Door bottom guide installation diagram



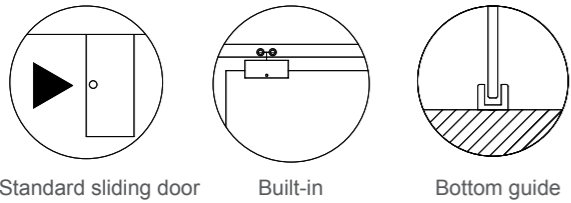
Sliding door

Sliding door

Standard glass sliding door KYN22020 (New)

Applicable maximum door weight 80Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly and smoothly
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Height adjustable ± 5 mm, eliminating some site folerance



Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	10-12mm
Applicable door height	≤ 2200 mm

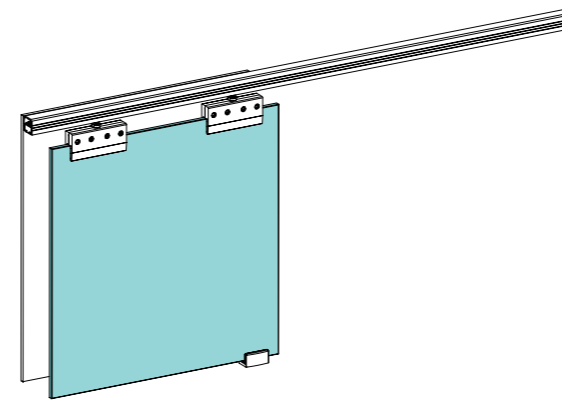
Main Material and Surface Finish

Hanging wheel body	Zinc alloy (nickel plating)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	Aluminum alloy (anodized, silver white)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

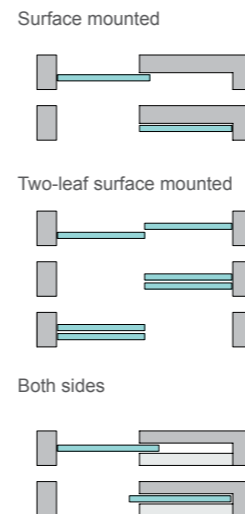
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN22020
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

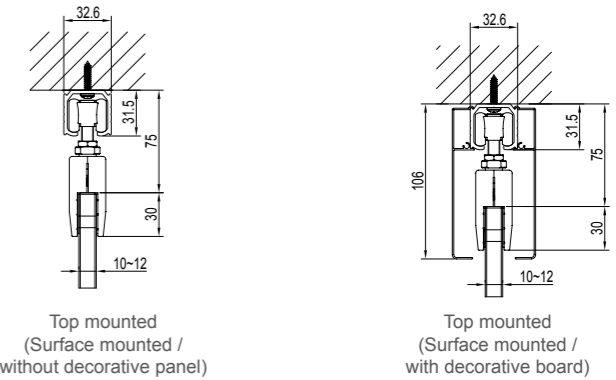
Concealed Handle	1Set (See P249~P250)
Special concealed handles	1Set (See P157~P158)
Sliding door lock	1Pcs or 2Pcs (Code KYN11106)

Dimension definition

Door leaf width	DW	DH=OH-85
Door opening width	OW	FW=OW/2+30
Fixed leaf width	FW	DW=FW-35
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

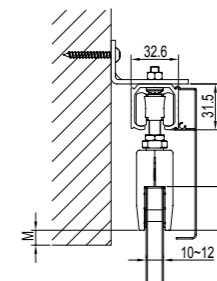
Calculation formula (Single door)

Installation form diagram



Top mounted (Surface mounted / without decorative panel)

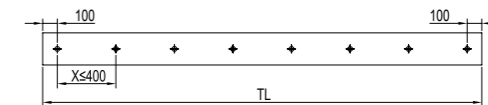
Top mounted (Surface mounted / with decorative board)



Side mounting (Surface mounted)

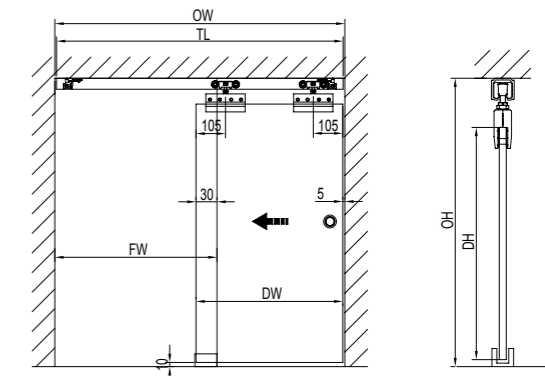
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)



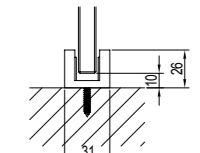
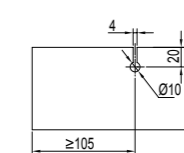
Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Glass cut out drawing

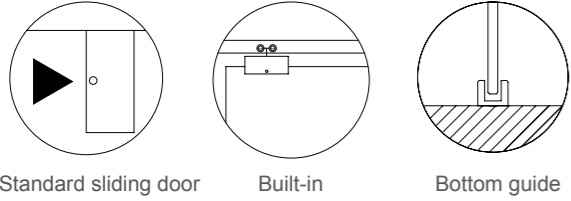
Door bottom guide installation diagram



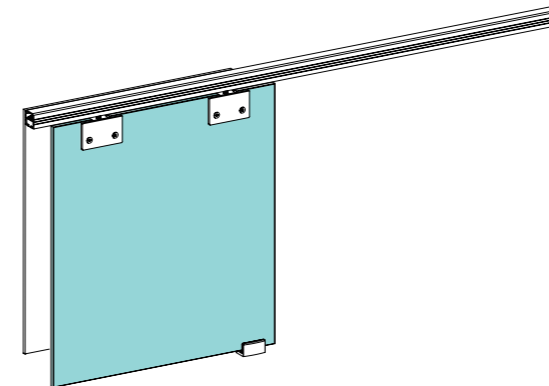
Standard glass sliding door KYN22030 (New)

Applicable maximum door weight 80Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide



Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly and smoothly
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Height adjustable ± 5 mm, eliminating some site folerance

Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	10-12mm
Applicable door height	≤ 2200 mm

Main Material and Surface Finish

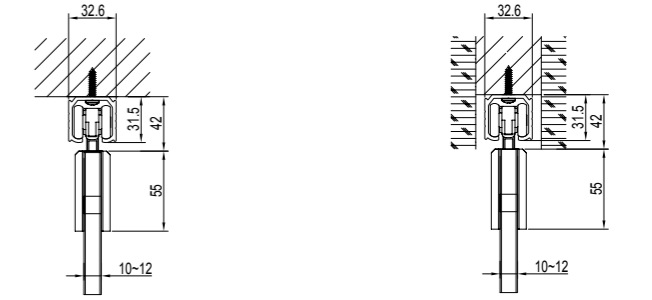
Hanging wheel body	High-quality carbon steel (galvanized)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	304 stainless steel (Mirror)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (Mirror) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN22030
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (See P260)

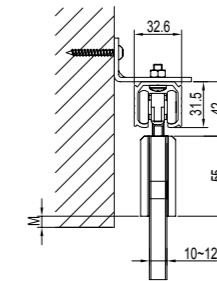
Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.

Installation form diagram



Top mounted (Surface mounted)

Top mounted (Hidden)

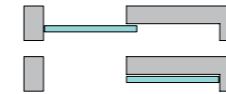


Side mounting (Surface mounted)

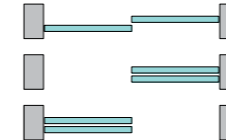
Note: M is depended on the actual situation

Installation form

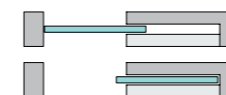
Surface mounted



Two-leaf surface mounted



Both sides



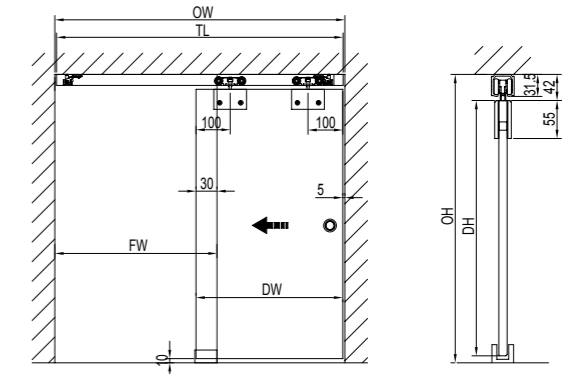
Note: In-wall installation requires the wall to be closed before the door is installed.

Hanging rail opening size chart (Requires on-site cutting)

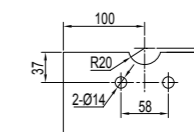


Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

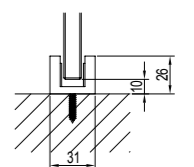
Installation diagram



Glass cut out drawing



Door bottom guide installation diagram



Supporting products (Optional)

Concealed Handle	1Set (See P249~P250)
Sliding door lock	1Set (See P157~P158)

Dimension definition

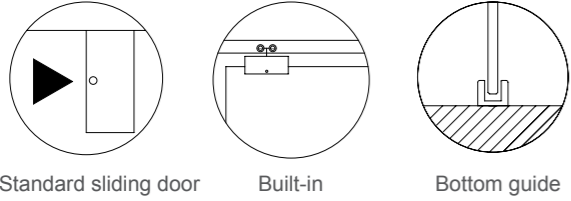
Door leaf width	DW	DH=OH-52
Door opening width	OW	FW=OW/2+30
Fixed leaf width	FW	DW=FW-35
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Calculation formula (Single door)

Standard glass sliding door KYN12300

Applicable maximum door weight 100Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Height adjustable $\pm 5\text{mm}$, eliminating some site folerance



Technical Parameters

Applicable maximum door weight	100Kg
Applicable minimum door thickness	10-12mm
Applicable door height	$\leq 2500\text{mm}$

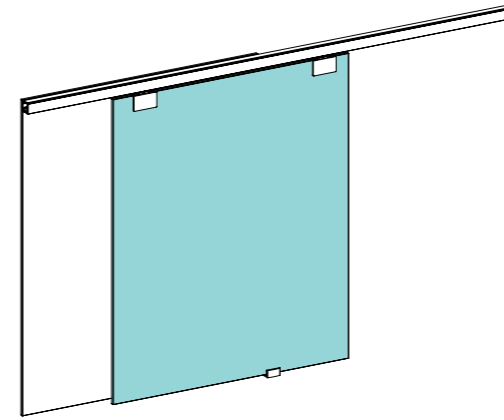
Main Material and Surface Finish

Hanging wheel body	High-quality carbon steel (galvanized)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	304 stainless steel (Mirror)
Positioning parts	High-strength engineering plastic (white)
Door bottom guide	304 stainless steel (Mirror) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

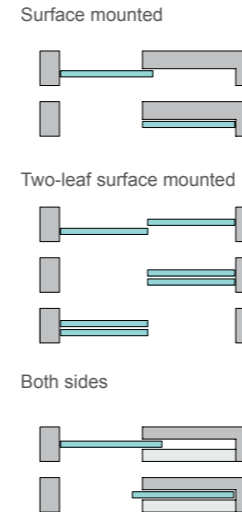
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN12300
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN51501 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

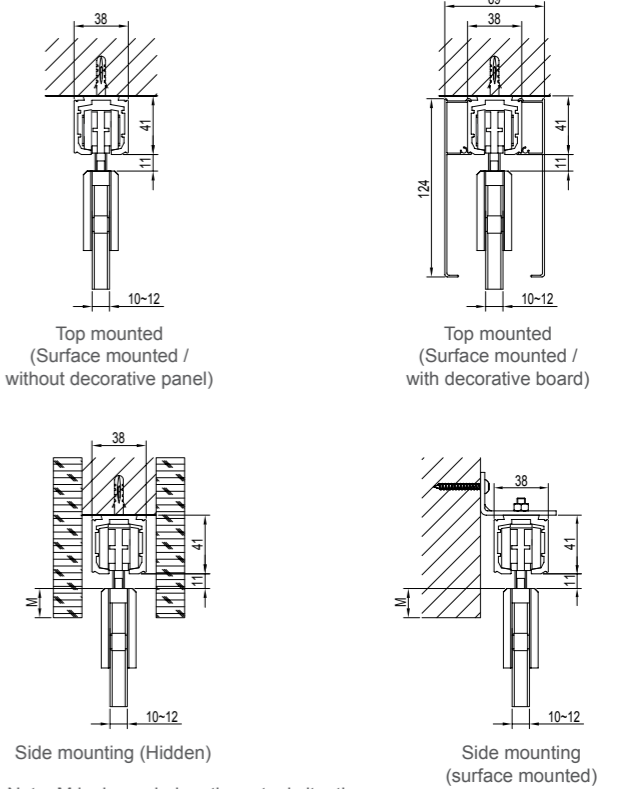
Concealed Handle	1Set (See P249~P250)
special concealed handles	1Set (See P157~P158)
Sliding door lock	1Pcs or 2Pcs (Code KYN51506)

Dimension definition

Door leaf width	DW	DH=OH-62
Door opening width	OW	FW=OW/2+30
Fixed leaf width	FW	DW=FW-35
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

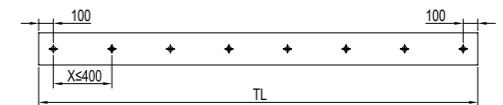
Calculation formula (Single door)

Installation form diagram



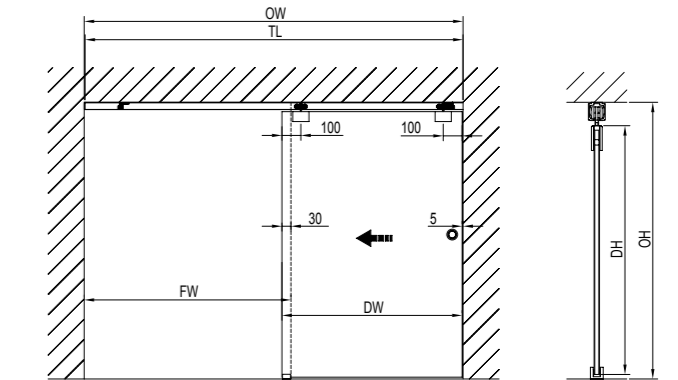
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

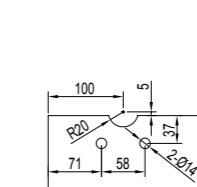


Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

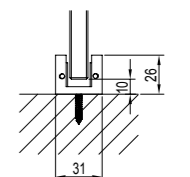
Installation diagram



Glass cut out drawing



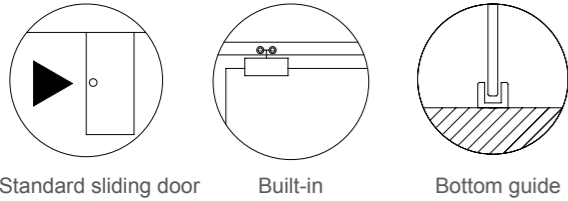
Door bottom guide installation diagram



Standard glass sliding door KYN23010 (New)

Applicable maximum door weight 100Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide



Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- Height adjustable ± 3 mm, eliminating some site folerance
- No cut-out holes for installation position glass clamp

Technical Parameters

Applicable maximum door weight	100Kg
Applicable minimum door thickness	10-12mm
Applicable door height	≤ 2500 mm

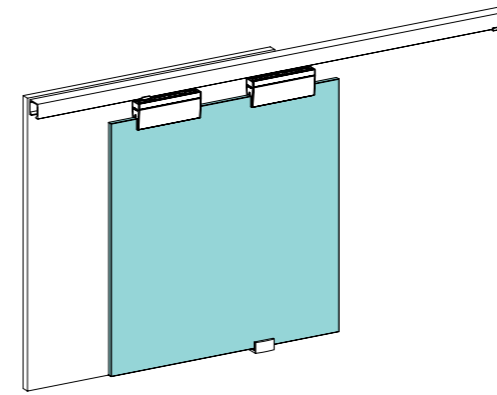
Main Material and Surface Finish

Hanging wheel body	High-strength engineering plastic (black)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	Aluminum alloy (anodized, silver white)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

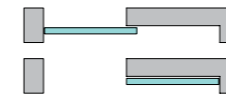
No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN23010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91001 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.

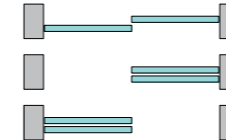


Installation form

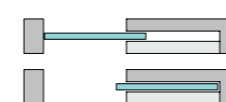
Surface mounted



Two-leaf surface mounted



Both sides



Note: In-wall installation requires the wall to be closed before the door is installed.

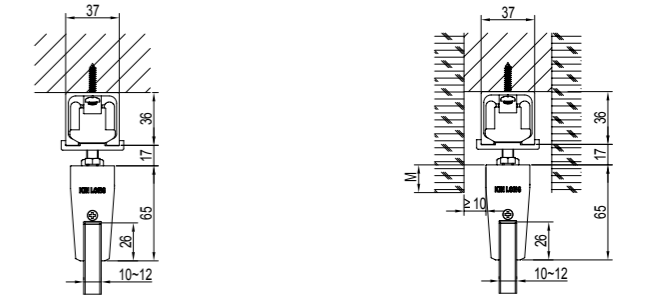
Supporting products (Optional)

Concealed Handle	1Set (See P249~P250)
Sliding door lock	1Set (See P157~P158)

Dimension definition

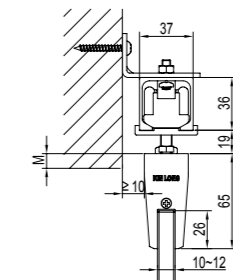
Door leaf width	DW	DH=OH-102
Door opening width	OW	FW=OW/2+30
Fixed leaf width	FW	DW=FW-35
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Installation form diagram



Top mounted (Surface mounted)

Top mounted (Hidden)



Side mounting (Hidden)

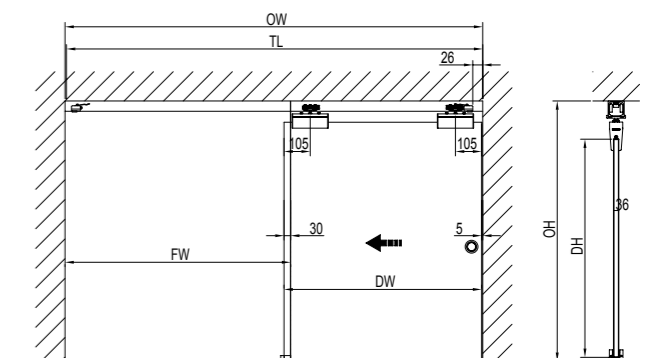
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)



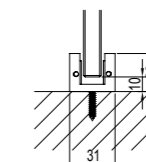
Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



Calculation formula (Single door)

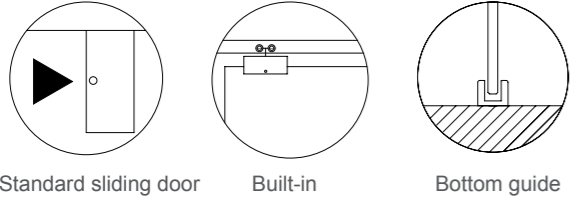
Door bottom guide installation diagram



Standard glass sliding door KYN11400

Applicable maximum door weight 120Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Height adjustable ± 5 mm, eliminating some site folerance

Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	10-12mm
Applicable door height	≤ 2600 mm

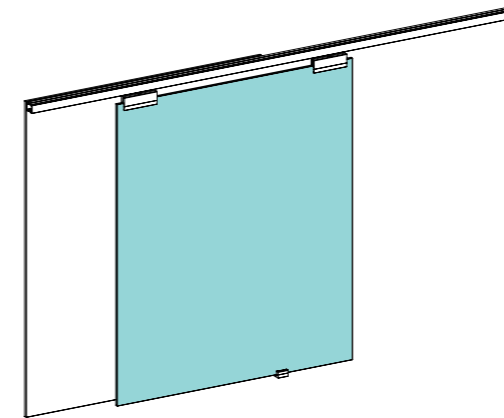
Main Material and Surface Finish

Hanging wheel body	Zinc alloy (nickel plating)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	Aluminum alloy (sandblasted anodized, silver white)
Positioning parts	High-strength engineering plastic (white)
Door bottom guide	Aluminum alloy (anodized, silver white)
Hanging rail	Aluminum alloy (anodized, silver white)

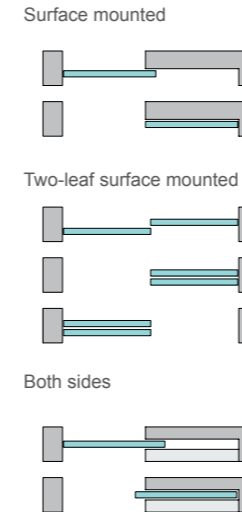
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN11400
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN51501 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

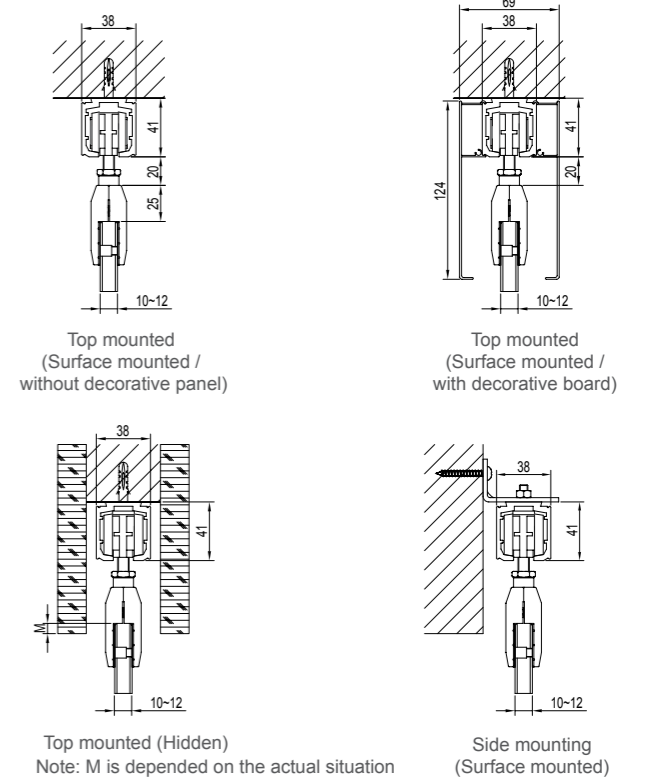
Concealed Handle	1Set (See P249~P250)
Sliding door lock	1Set (See P157~P158)
	1Pcs or 2Pcs (Code KYN51506)

Dimension definition

Door leaf width	DW	DH=OH-96
Door opening width	OW	FW=OW/2+30
Fixed leaf width	FW	DW=FW-35
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Calculation formula (Single door)

Installation form diagram

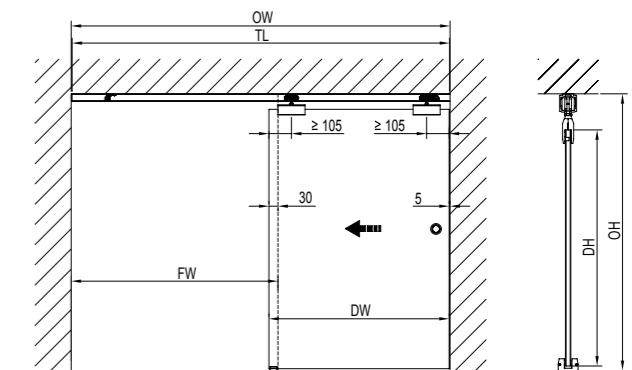


Hanging rail opening size chart (Requires on-site cutting)

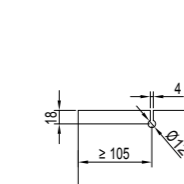


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

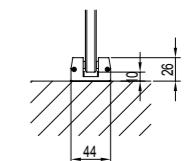
Installation diagram



Glass cut out drawing



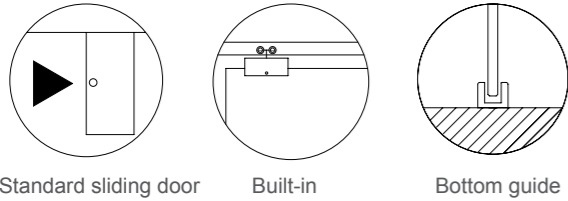
Door bottom guide installation diagram



Standard glass sliding door KYN24010 (New)

Applicable maximum door weight 120Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly and smoothly
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Height adjustable ± 5mm, eliminating some site folerance



Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	10-12mm
Applicable door height	≤2600mm

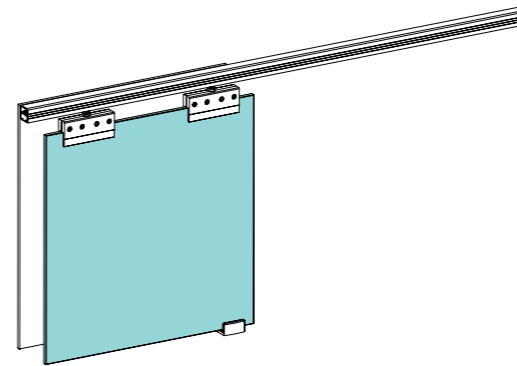
Main Material and Surface Finish

Hanging wheel body	Zinc alloy (nickel plating)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	Aluminum alloy (sandblasted anodized, silver white)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

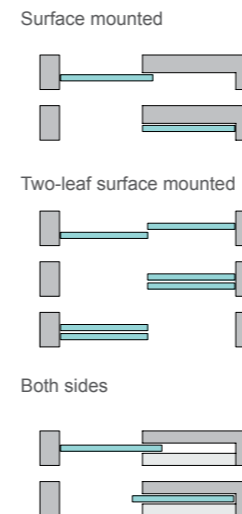
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN24010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

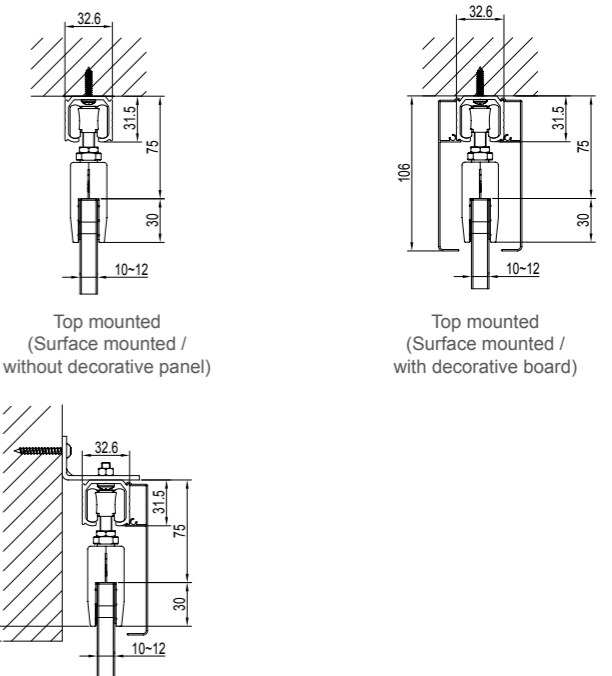
Concealed Handle	1Set (See P249~P250)
special concealed handles	1Set (See P157~P158)
Sliding door lock	1Pcs or 2Pcs (Code KYN11106)

Dimension definition

Door leaf width	DW	DH=OH-85
Door opening width	OW	FW=OW/2+30
Fixed leaf width	FW	DW=FW-35
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Calculation formula (Single door)

Installation form diagram

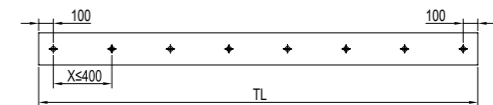


Top mounted (Surface mounted / without decorative panel) Top mounted (Surface mounted / with decorative board)

Side mounting (Surface mounted)

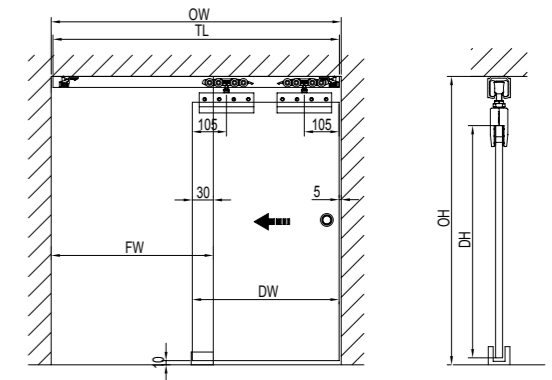
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

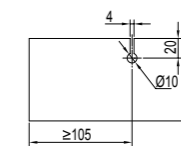


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

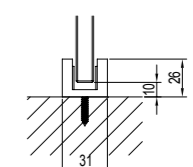
Installation diagram



Glass cut out drawing



Door bottom guide installation diagram



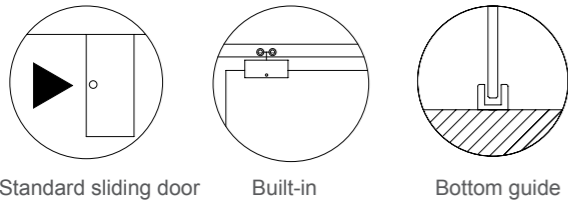
Sliding door

Sliding door

Standard glass sliding door KYN24020 (New)

Applicable maximum door weight 120Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging rail adopts arc-shaped slideway, which runs smoothly and smoothly
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Height adjustable ± 5 mm, eliminating some site folerance



Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	10-12mm
Applicable door height	≤ 2600 mm

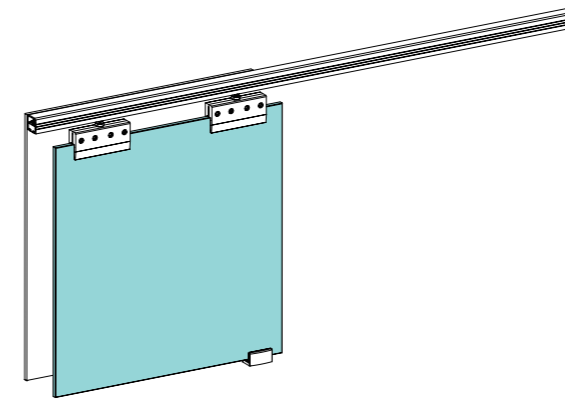
Main Material and Surface Finish

Hanging wheel body	High-quality carbon steel (nickel plating)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	Aluminum alloy (sandblasted anodized, silver white)
Positioning parts	High-strength engineering plastic (black)
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

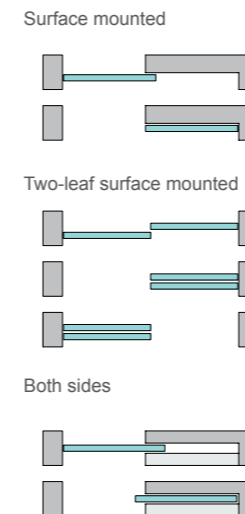
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN24020
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN91005 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.



Installation form



Note: In-wall installation requires the wall to be closed before the door is installed.

Supporting products (Optional)

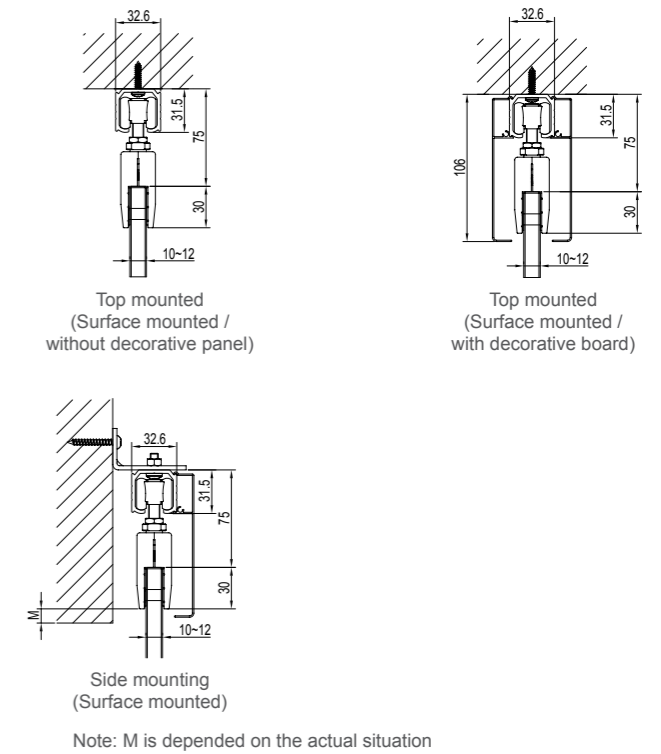
Concealed Handle	1Set (See P249~P250)
Sliding door lock	1Set (See P157~P158)
Decorative plates	1Pcs or 2Pcs (Code KYN11106)

Dimension definition

Door leaf width	DW	DH=OH-85
Door opening width	OW	FW=OW/2+30
Fixed leaf width	FW	DW=FW-35
Door leaf height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

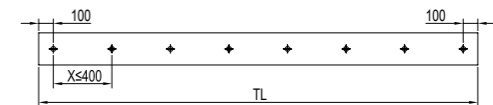
Calculation formula (Single door)

Installation form diagram



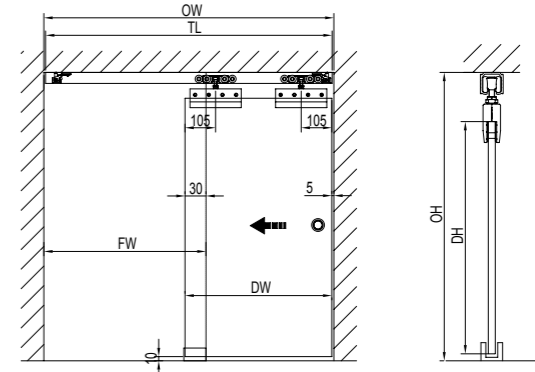
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

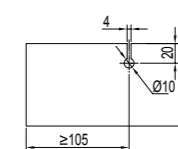


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

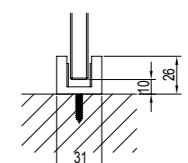
Installation diagram



Glass cut out drawing



Door bottom guide installation diagram



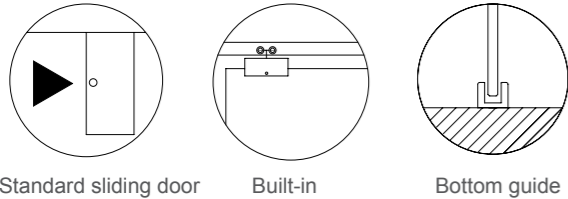
Sliding door

Sliding door

Standard glass sliding door KYN15010 (New)

Applicable maximum door weight 150Kg

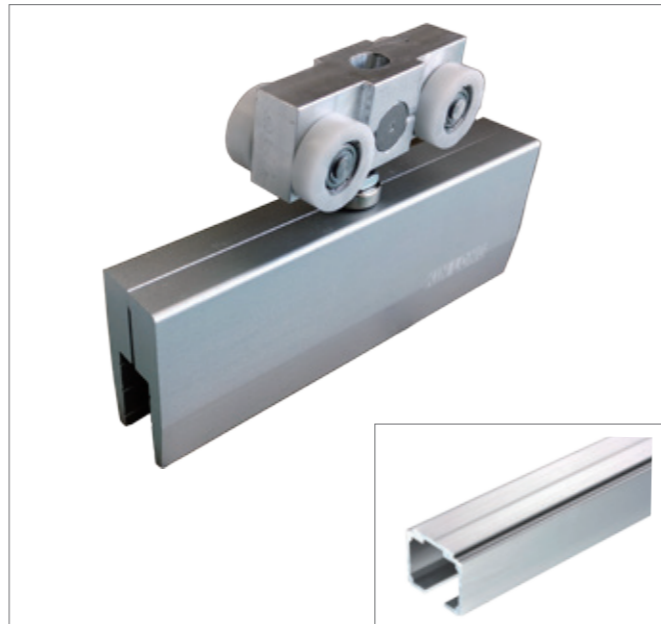
Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating function and quiet vibration reduction for greater wear resistance
- Limit piece with anti-collision block to protect door structure
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	150Kg
Applicable minimum door thickness	10-12mm
Applicable door height	≤ 2700 mm

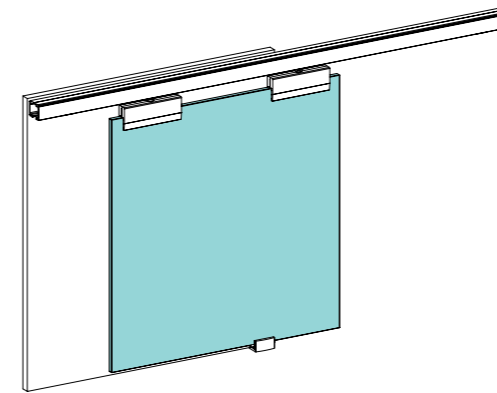
Main Material and Surface Finish

Hanging wheel body	Aluminum alloy ((Powder sprayed, flash silver)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	Aluminum alloy ((Powder sprayed, flash silver)
Positioning parts	304 stainless steel (natural color) + rubber
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

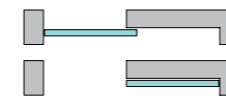
No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN15010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN52501 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.

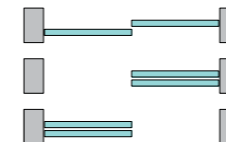


Installation form

Surface mounted

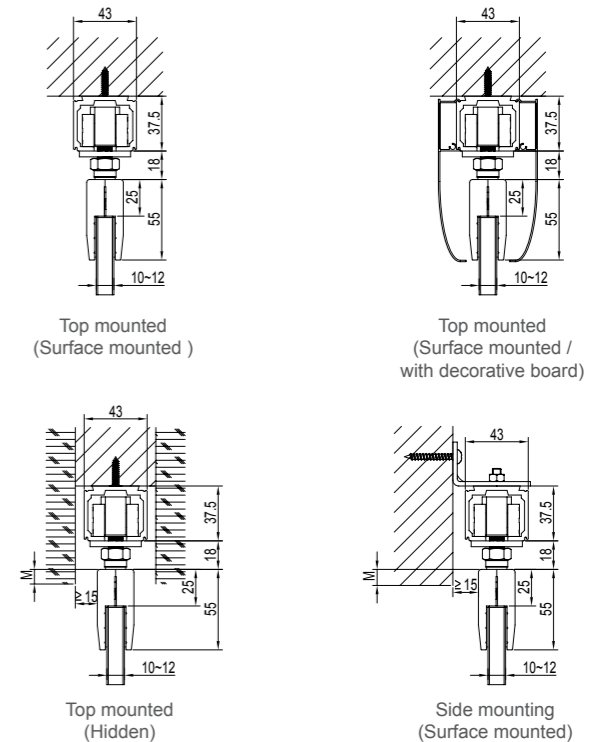


Two-leaf surface mounted



Note: In-wall installation requires the wall to be closed before the door is installed.

Installation form diagram



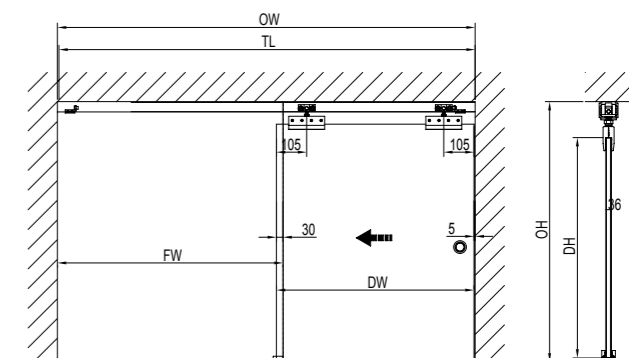
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Installation diagram



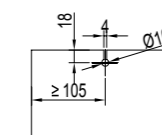
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

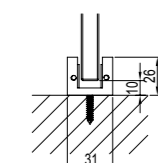
Calculation formula (Single door)

$DH = OH - 90$
$FW = OW / 2 + 30$
$DW = FW - 35$
$TL = OW - 5$

Glass cut out drawing



Door bottom guide installation diagram



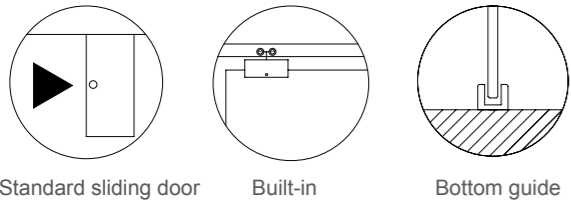
Sliding door

Sliding door

Standard glass sliding door KYN17010 (New)

Applicable maximum door weight 200Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating function and quiet vibration reduction for greater wear resistance
- Limit piece with anti-collision block to protect door structure
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	200Kg
Applicable minimum door thickness	12mm
Applicable door height	≤ 2700 mm

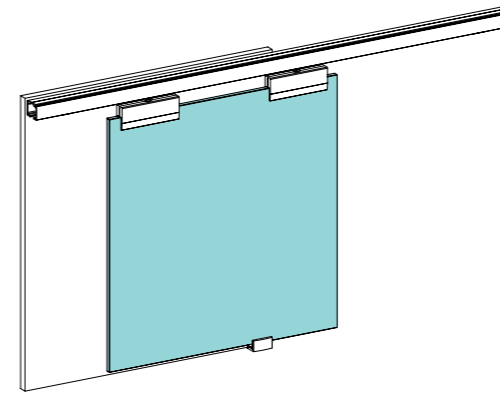
Main Material and Surface Finish

Hanging wheel body	Aluminum alloy ((Powder sprayed, flash silver)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	Aluminum alloy ((Powder sprayed, flash silver)
Positioning parts	304 stainless steel (natural color) + rubber
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

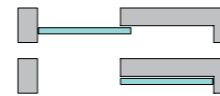
No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN17010
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN52501 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.

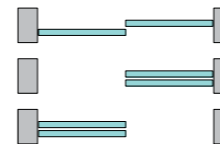


Installation form

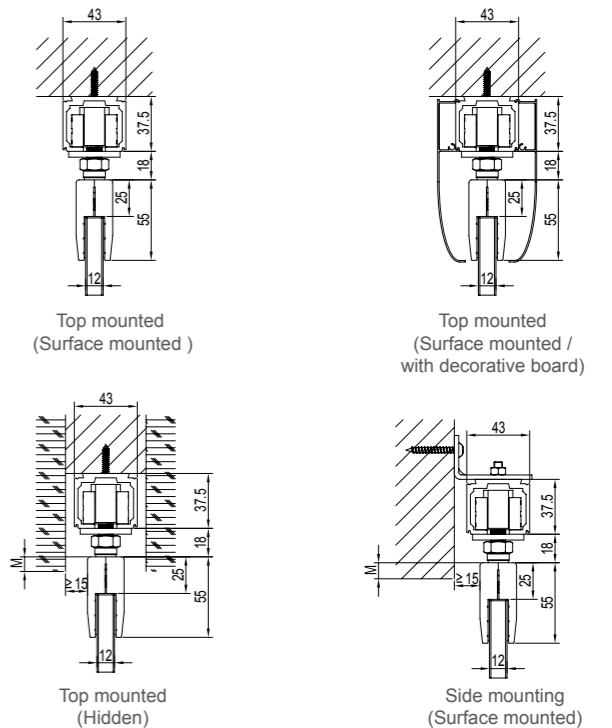
Surface mounted



Two-leaf surface mounted

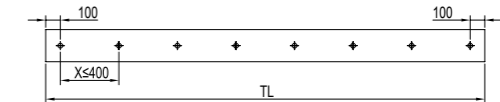


Installation form diagram



Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

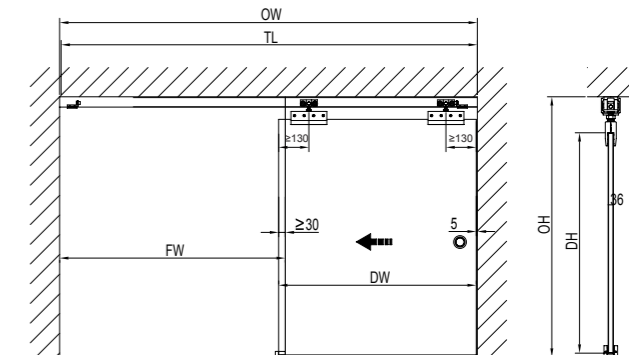


Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Supporting products (Optional)

Big Handle	1Set
Sliding door lock	1Set (See P157~P158)
Decorative plates	1Pcs or 2Pcs (Code KYN52507)

Installation diagram



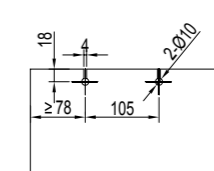
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

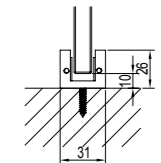
Calculation formula (Single door)

$DH = OH - 90$
$FW = OW / 2 + 30$
$DW = FW - 35$
$TL = OW - 5$

Glass cut out drawing



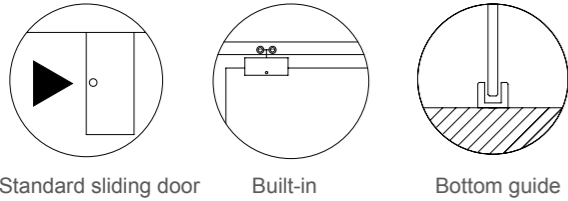
Door bottom guide installation diagram



Standard glass sliding door KYN11900 (old code TLG174A)

Applicable maximum door weight 350Kg

Sliding door function diagram



Standard sliding door Built-in Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating function and quiet vibration reduction for greater wear resistance
- Limit piece with anti-collision block to protect door structure
- Height adjustable ± 5 mm, eliminating some site tolerance



Technical Parameters

Applicable maximum door weight	350Kg
Applicable minimum door thickness	15mm
Applicable door height	≤ 3000 mm

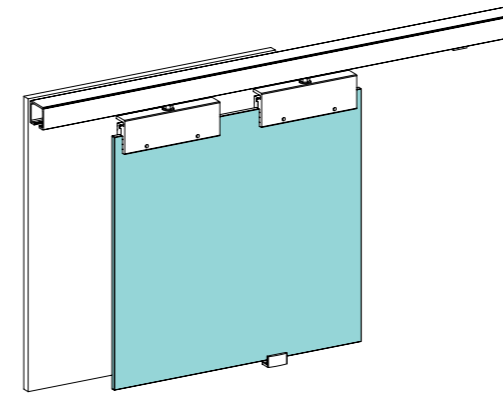
Main Material and Surface Finish

Hanging wheel body	Aluminum alloy ((Powder sprayed, flash silver)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	Aluminum alloy ((Powder sprayed, flash silver)
Positioning parts	304 stainless steel (natural color) + rubber
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

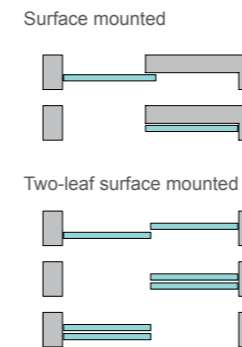
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN11900
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYN51901 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. the number of hanging rails for double doors is determined according to the installation form.



Installation form



Supporting products (Optional)

Big Handle	1Set
Sliding door lock	1Set (See P157~P158)
Decorative plates	1Pcs or 2Pcs (Code KYN51907)

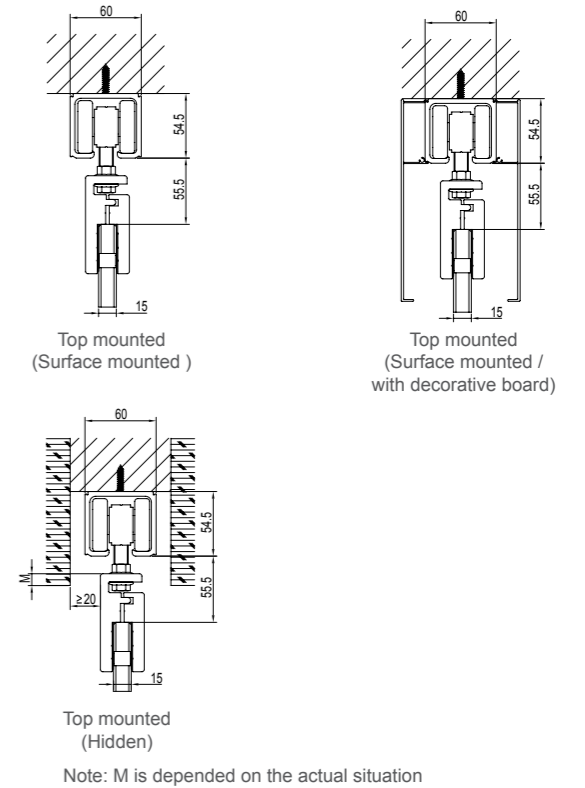
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

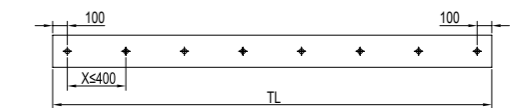
Calculation formula (Single door)

$DH=OH-120$
$FW=OW/2+30$
$DW=FW-35$
$TL=OW-5$

Installation form diagram

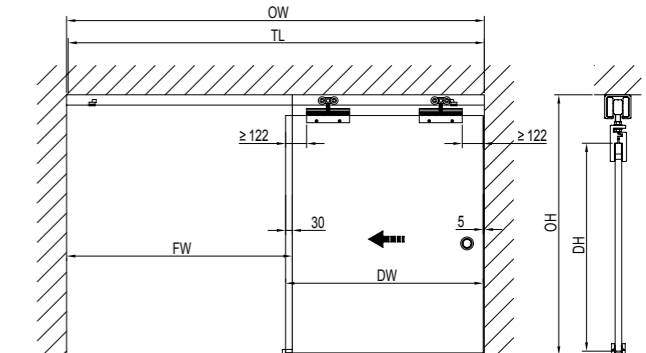


Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

Installation diagram



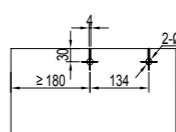
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

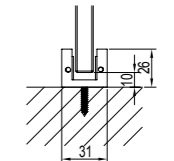
Calculation formula (Single door)

$DH=OH-120$
$FW=OW/2+30$
$DW=FW-35$
$TL=OW-5$

Glass cut out drawing



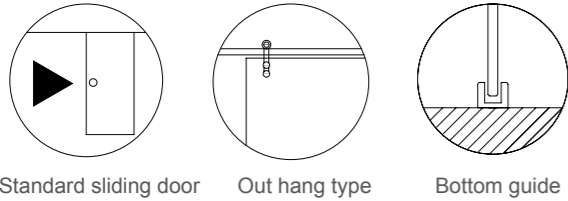
Door bottom guide installation diagram



Standard glass sliding door KYW12300 (Old code TL701)

Applicable maximum door weight 100Kg

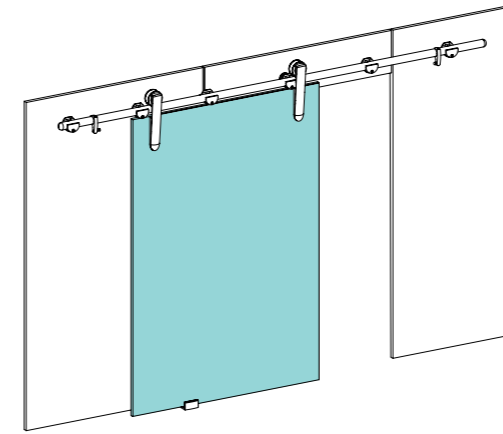
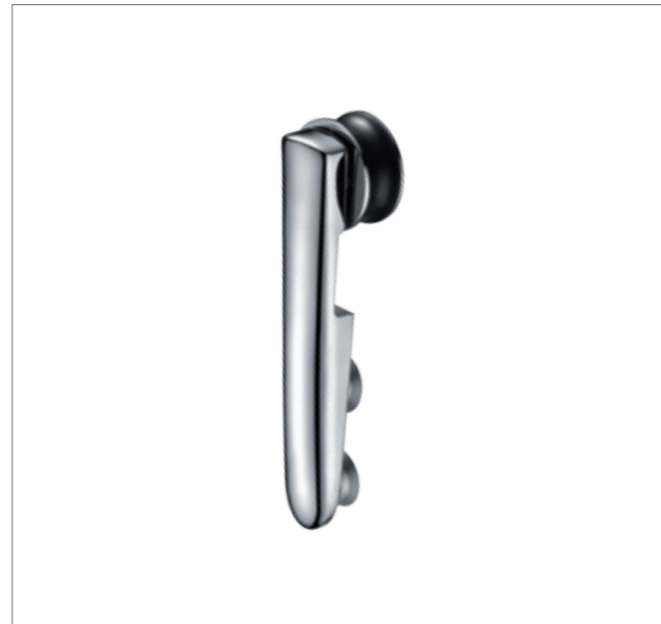
Sliding door function diagram



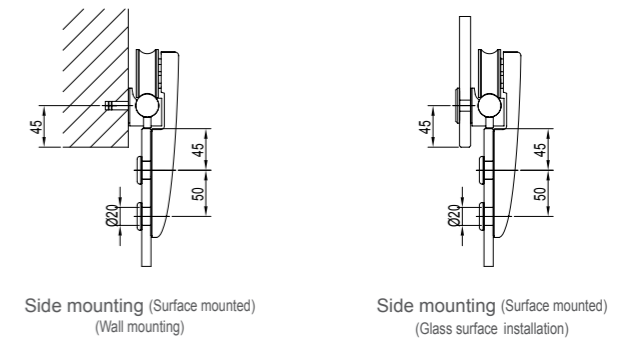
Standard sliding door Out hang type Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel adopts anti-derailment design, high safety
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Has a strong metal texture, strong decorative



Installation form diagram



Technical Parameters

Applicable maximum door weight	100Kg
Applicable minimum door thickness	10-15mm
Applicable door height	≤2500mm

Main Material and Surface Finish

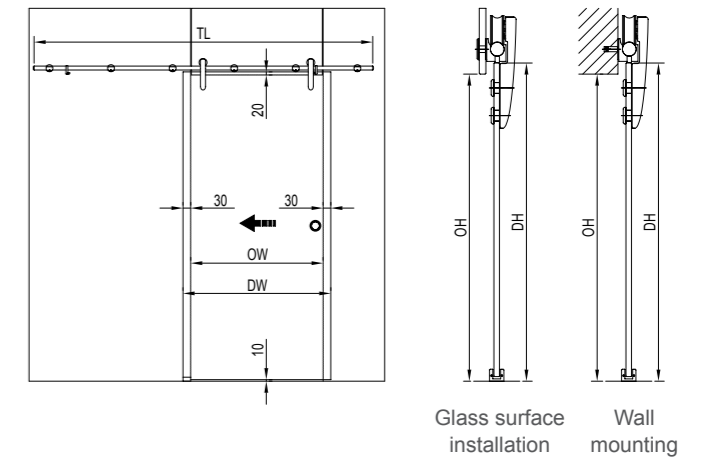
Hanging wheel body	304 stainless steel (matt/Mirror)
Pulley	304 stainless steel (matt/Mirror) + Bearing GCr15 (natural color) + POM (black)
Positioning parts	304 stainless steel (matt/Mirror)
Door bottom guide	304 stainless steel (matt/Mirror) + Nylon (grey)
Hanging rail	304 stainless steel (matt)

Installation form

Out hang type



Installation diagram



Supporting products (Optional)

Concealed Handle	1Set (See P249~P250)
Sliding door lock	1Set (See P157~P158)

Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYW12300
2	Door bottom guide		1 pcs	
3	Positioner		2 pcs	
4	Hanging rail support (Glass surface installation)		3 pcs/m	
5	Hanging rail support (Wall mounting)		3 pcs/m	KYW11312
6	Hanging rail		1 pcs	KYW11301

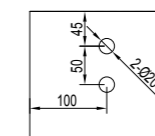
Note: The length of the hanging rail is calculated based on the width of the door opening, which needs to be ordered separately.

Dimension definition

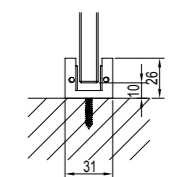
Door leaf width	DW	DH=OH+10
Door opening width	OW	DW=OW+60
Fixed leaf width	FW	TL=2XDW+100
Door leaf height	DH	
Door opening height	OH	
Hanging rail length	TL	

Calculation formula (Single door)

Glass cut out drawing



Door bottom guide installation diagram

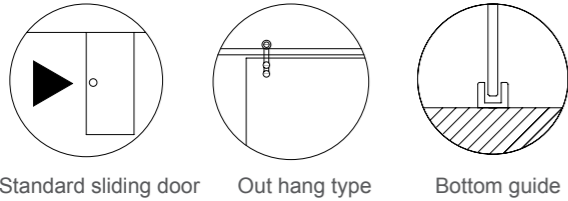


Standard configuration

Standard glass sliding door KYW13010 (New)

Applicable maximum door weight 100Kg

Sliding door function diagram



Standard sliding door Out hang type Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel adopts anti-derailment design, high safety
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Has a strong metal texture, strong decorative

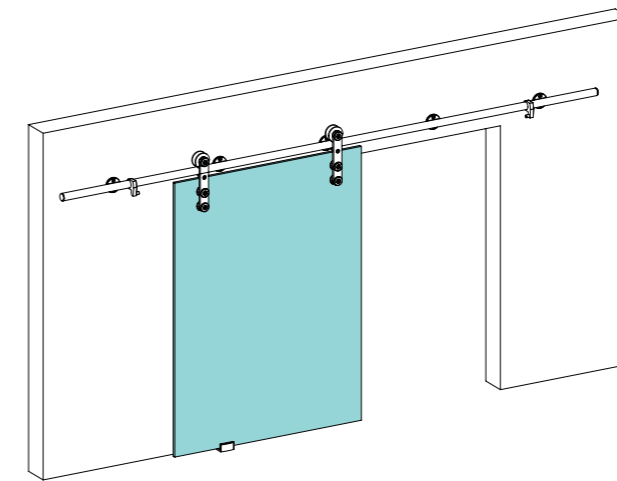


Technical Parameters

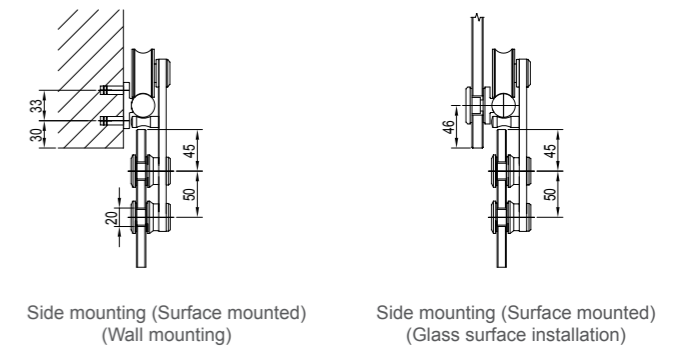
Applicable maximum door weight	100Kg
Applicable minimum door thickness	10-15mm
Applicable door leaf width	600~1200mm
Applicable door height	≤2500mm

Main Material and Surface Finish

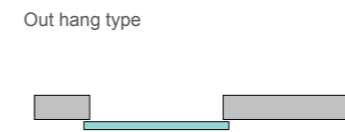
Hanging wheel body	304 stainless steel (matt)
Pulley	304 stainless steel (matt) + Bearing GCr15 (natural color) + Nylon (black)
Positioning parts	304 stainless steel (matt)
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Hanging rail	304 stainless steel (matt)



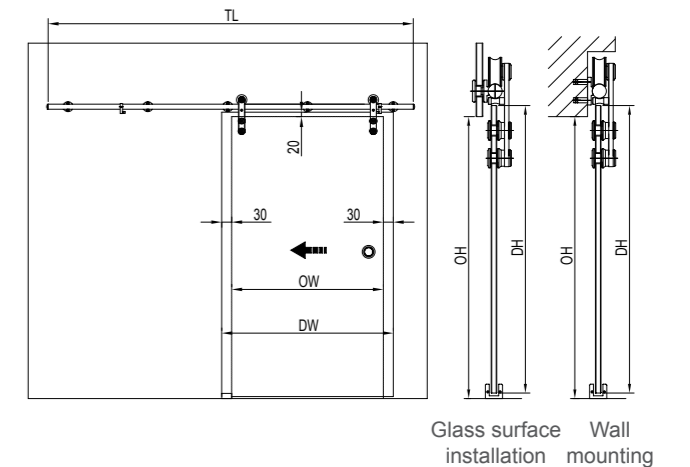
Installation form diagram



Installation form



Installation diagram



Supporting products (Optional)

Concealed Handle	1Set (See P249~P250)
Sliding door lock	1Set (See P157~P158)

Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model	Hanging rail length	2000mm	2500mm	3000mm	4000mm	5000mm
1	Hanging wheel		2 pcs	KYW13010	single door	√	√	--	--	--
2	Door bottom guide		1 pcs		double doors	--	--	√	√	√
3	Hanging rail support (Wall mounting)		1 pcs	KYW91001 (Including limit piece)	<p>Note: The length of the hanging rail is shipped in accordance with the standard length of the attached table</p>					
4	Hanging rail support (Glass surface installation)		1 pcs	KYW91002 (Including limit piece)						

Dimension definition

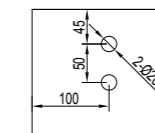
Door leaf width	DW
Door opening width	OW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

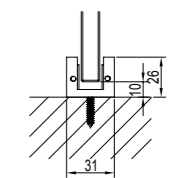
$$DH = OH + 10$$

$$FW = OW + 60$$

Glass cut out drawing



Door bottom guide installation diagram

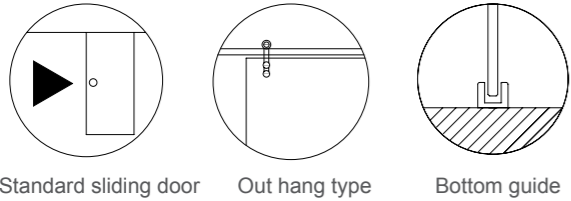


Standard configuration

Standard glass sliding door KYW13300 (Old code TL801)

Applicable maximum door weight 100Kg

Sliding door function diagram



Standard sliding door Out hang type Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Hanging wheel adopts anti-derailment design, high safety
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Has a strong metal texture, strong decorative

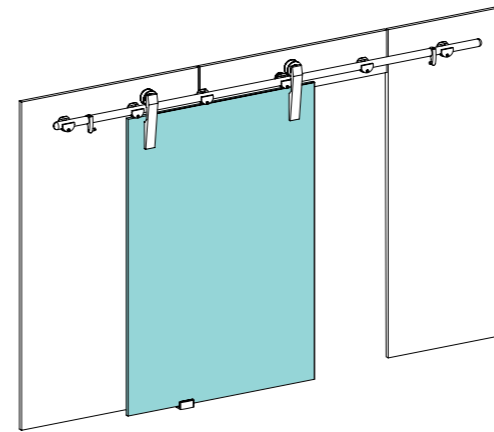


Technical Parameters

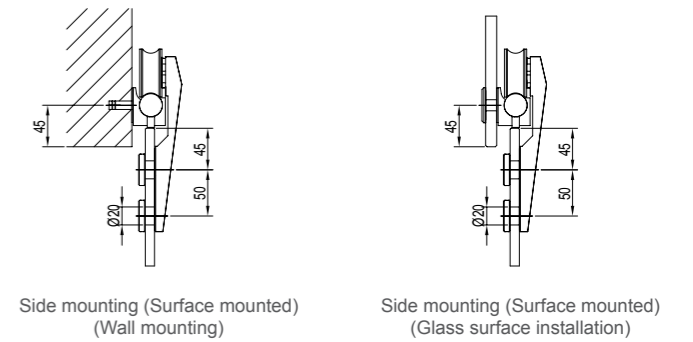
Applicable maximum door weight	100Kg
Applicable minimum door thickness	10-15mm
Applicable door height	≤2500mm

Main Material and Surface Finish

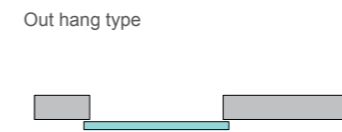
Hanging wheel body	304 stainless steel (matt/Mirror)
Pulley	304 stainless steel (matt/Mirror) + Bearing GCr15 (natural color) + POM (black)
Positioning parts	304 stainless steel (matt/Mirror)
Door bottom guide	304 stainless steel (matt/Mirror) + Nylon (grey)
Hanging rail	304 stainless steel (matt)



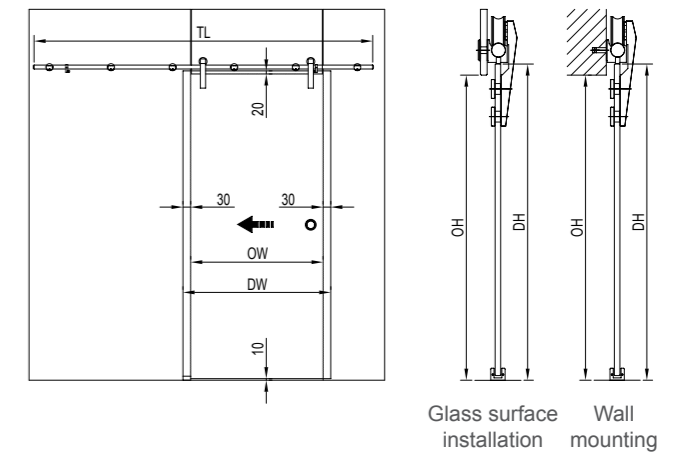
Installation form diagram



Installation form



Installation diagram



Supporting products (Optional)

Concealed Handle	1Set (See P249~P250)
Sliding door lock	1Set (See P157~P158)

Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYW13300
2	Door bottom guide		1 pcs	
3	Positioner		2 pcs	
4	Hanging rail support (Glass surface installation)		3 pcs/m	

No.	Product Name	Product Picture	Quantity	Model
5	Hanging rail support (Wall mounting)		3 pcs/m	KYW11312
6	Hanging rail		1 pcs	KYW11301

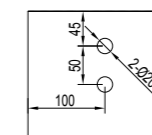
Note: The length of the hanging rail is calculated based on the width of the door opening, which needs to be ordered separately.

Dimension definition

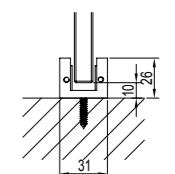
Door leaf width	DW	DH=OH+10
Door opening width	OW	DW=OW+60
Door leaf height	DH	TL=2×DW+100
Door opening height	OH	
Hanging rail length	TL	

Calculation formula (Single door)

Glass cut out drawing



Door bottom guide installation diagram

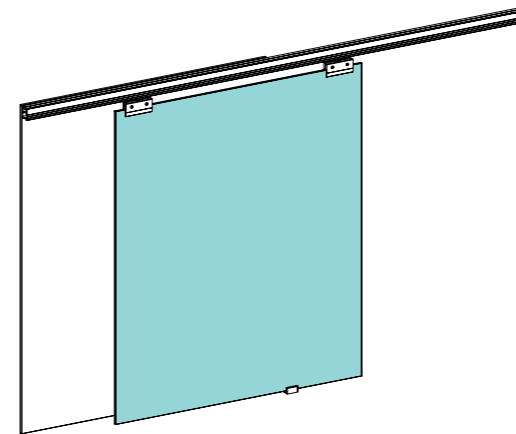
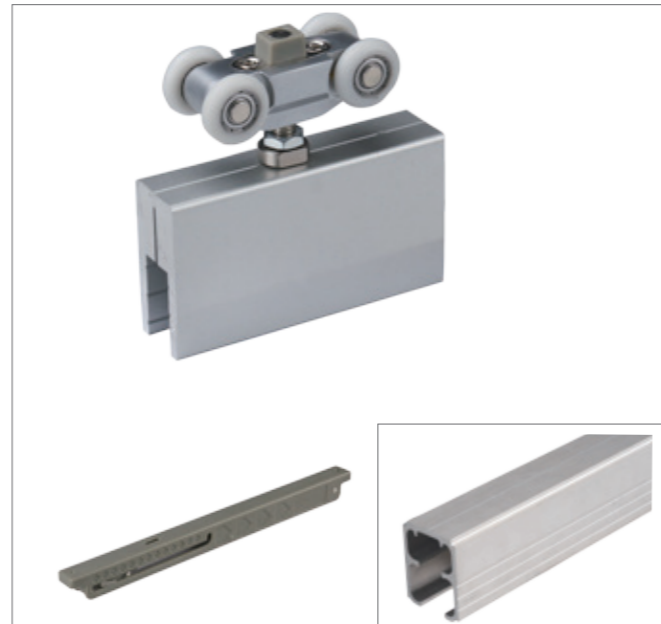
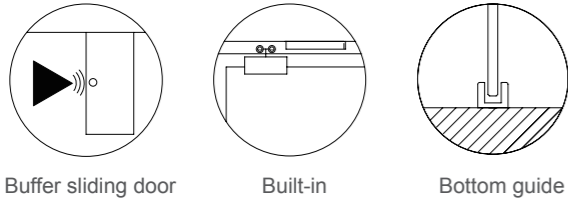


Standard configuration

Buffer glass sliding door KYN1122H

Applicable maximum door weight 80Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double glass doors
- Suitable for two-way buffer glass sliding door
- Suitable for residential, hotel, retail and office buildings
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- The cushion can be closed silently and gently, smoothly
- Separate structure design of buffer and hanging wheel, convenient installation and maintenance
- Height adjustable ± 5 mm, eliminating some site folerance

Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	10-12mm
Applicable door leaf width	600-1000mm
Applicable door leaf height	≤ 2200 mm

Main Material and Surface Finish

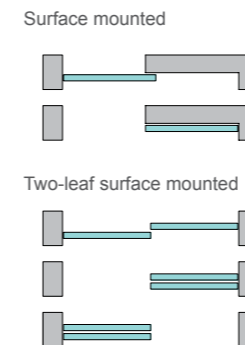
Hanging wheel body	zinc alloy (pearl chrome plating)
Pulley	Bearing GCr15 (natural color) + Nylon (white)
Glass clamp	Aluminum alloy ((Powder sprayed, flash silver)
Positioning parts	Nylon (grey)
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN1122H
2	Buffer		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	KYL53251H-01 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Installation form



Supporting products (Optional)

Concealed Handle	1Set (See P249~P250)
Sliding door lock	1Set (See P157~P158)

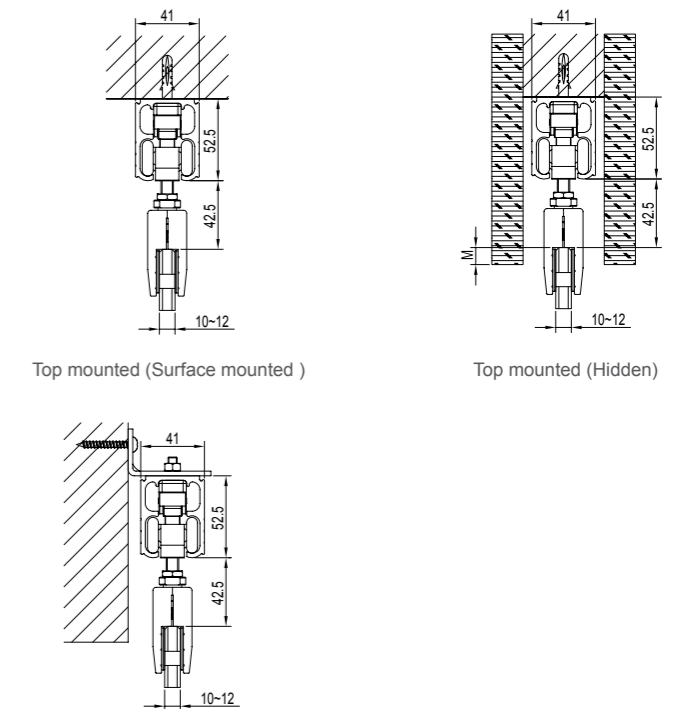
Dimension definition

Door leaf width	DW
Door opening width	OW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

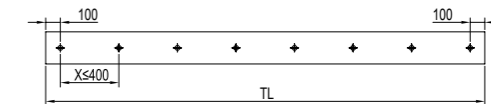
$DH = OH - 105$
$FW = OW / 2 + 30$
$DW = FW - 35$
$TL = OW - 5$

Installation form Diagram



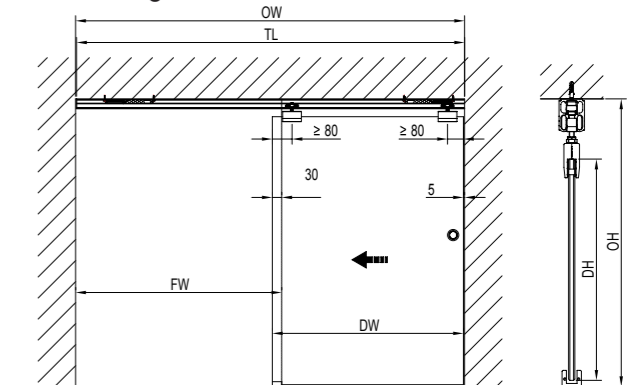
Side mounting (Surface mounted)
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

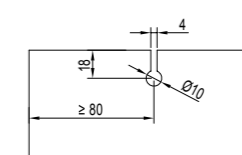


Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

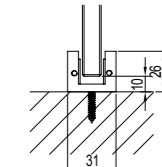
Installation Diagram



Glass cut out drawing



Door bottom guide installation diagram



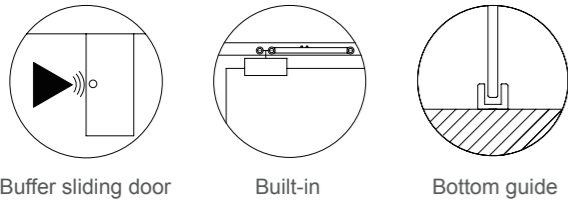
Sliding door

Sliding door

Buffer glass sliding door KYN2301H/KYN2302H (New)

Applicable maximum door weight 100Kg

Sliding door function diagram



Functional Characteristic

- Suitable for single or double glass doors
- Suitable for residential, hotel, retail and office buildings
- Slope design at the bottom of the hanging rail, no shaking during sliding, easy to clean
- Hanging wheel flexible structure design to protect door body structure
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- The arc surface of the pulley adopts a unique compensation design for greater wear resistance
- Positioner strength adjustable, flexible adjustment according to door weight
- The cushion can be closed silently and gently, smooth
- Separate structure design of buffer and hanging wheel, convenient installation and maintenance
- Height adjustable ± 3 mm, eliminating some site tolerance
- No cut-out holes for installation position glass clamp

Technical Parameters

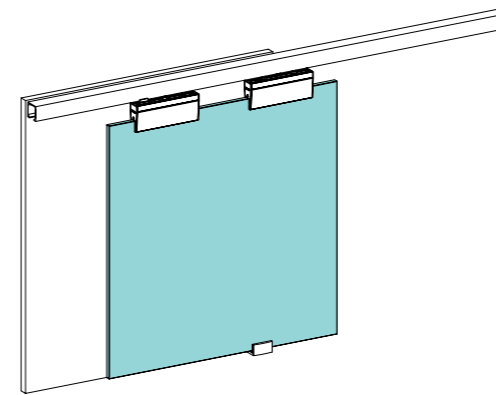
Applicable maximum door weight	100Kg
Applicable minimum door thickness	10-12mm
Applicable door leaf width	≥ 600 mm (Single one-way Buffer) ≥ 900 mm (Single two-way Buffer)
Applicable door leaf height	≤ 2500 mm

Main Material and Surface Finish

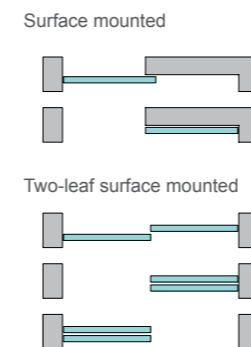
Hanging wheel body	Zinc alloy (pearl chrome plating)
Pulley	Bearing GCr15 (natural color) + POM (white)
Glass clamp	Aluminum alloy ((Powder sprayed, flash silver)
Positioning parts	Nylon (grey)
Door bottom guide	304 stainless steel (matt) + Nylon (grey)
Buffered	Plastic (black)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Buffer Hanging wheel assembly		1 pcs	KYN2301H (single one-way Buffer)
2	Hanging wheel assembly		1 pcs	
3	Locating piece		1 pcs	
4	Door bottom guide		1 pcs	



Installation form



Supporting products (Optional)

Concealed Handle	1Set (See P249~P250)
Sliding door lock	1Set (See P157~P158)

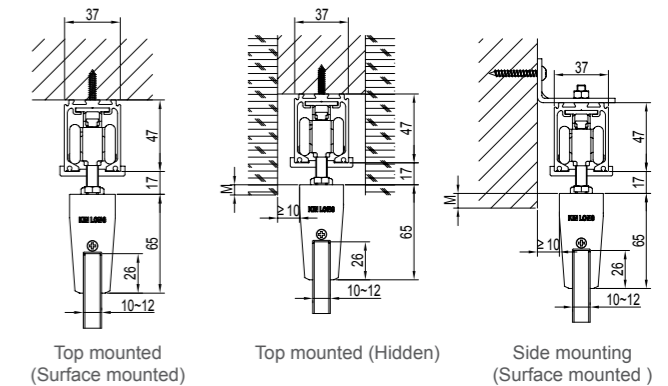
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula (Single door)

DH=OH-113
FW=OW/2+30
DW=FW-35
TL=OW-5

Installation form diagram



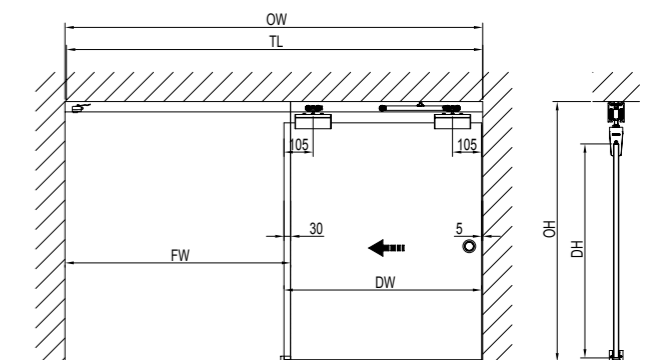
Note: M is depended on the actual situation

Hanging rail opening size chart (Requires on-site cutting)

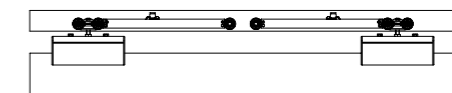


Number of holes $N=(TL-200)/400+1$ N takes a value, such as $N=3.48$, takes 4 Hole spacing $X=(TL-200)/(N-1)$

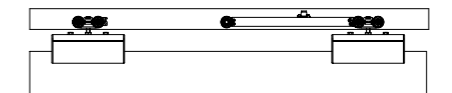
Installation diagram



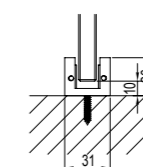
Single one-way Buffer



Single two-way Buffer



Door bottom guide installation diagram

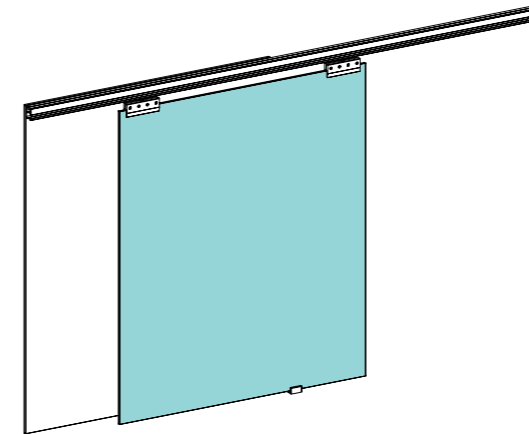
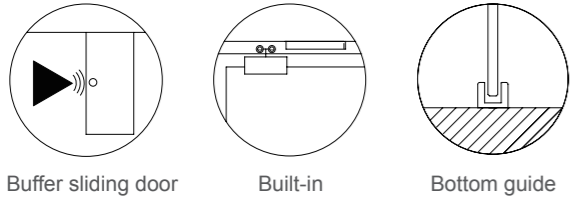


Note: The length of the hanging rail is calculated based on the width of the door opening, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

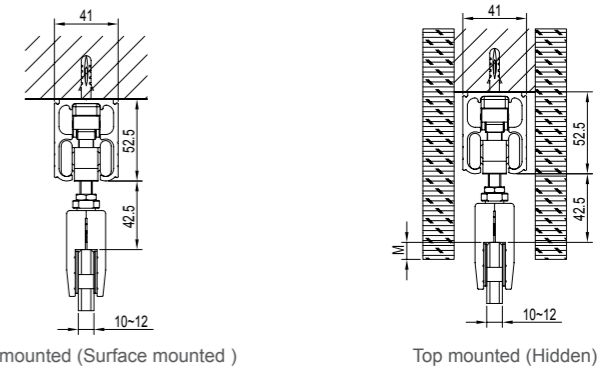
Buffer glass sliding door KYN1142H

Applicable maximum door weight 120Kg

Sliding door function diagram

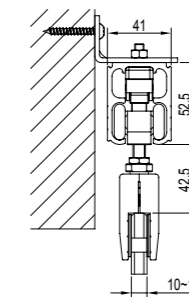


Installation form diagram



Top mounted (Surface mounted)

Top mounted (Hidden)



Side mounting (Surface mounted)

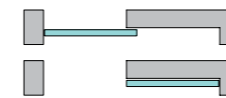
Note: M is depended on the actual situation

Functional Characteristic

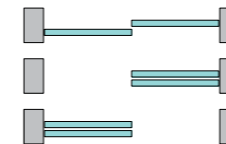
- Suitable for single or double glass doors
- Suitable for two-way buffer wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- The cushion can be closed silently and gently, smooth
- Separate structure design of buffer and hanging wheel, convenient installation and maintenance
- Height adjustable $\pm 5\text{mm}$, eliminating some site folerance

Installation form

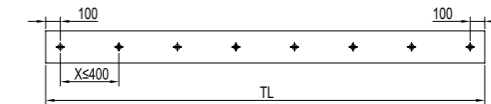
Surface mounted



Two-leaf surface mounted



Hanging rail opening size chart (Requires on-site cutting)



Number of holes $N = (TL - 200) / 400 + 1$ N takes a value, such as $N = 3.48$, takes 4 Hole spacing $X = (TL - 200) / (N - 1)$

Technical Parameters

Applicable maximum door weight	120Kg
Applicable minimum door thickness	10-12mm
Applicable door leaf width	$\geq 600\text{mm}$
Applicable door height	$\leq 2600\text{mm}$

Main Material and Surface Finish

Wheel body	Zinc alloy (pearl chrome plating)
Pulley	Bearing GCr15 (natural color) + Nylon (white)
Glass clamp	Aluminum alloy (sprayed, flash silver)
Buffer	Nylon (gray)
Door bottom guide fitting	304 stainless steel (matt) + Nylon (gray)
Hanging rail	Aluminum alloy (anodized, silver white)

Standard configuration (Single door)

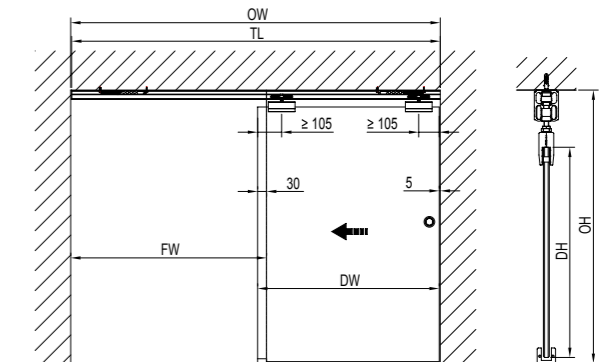
No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel assembly		2 pcs	KYN1142H
2	Buffered		2 pcs	
3	Door bottom guide fitting		1 pcs	
4	Hanging rail		1 pcs	KYL53251H-01 (See P260)

Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.

Supporting products (Optional)

Concealed Handle	1Set (See P249~P250)
Sliding door lock	1Set (See P157~P158)

Installation diagram



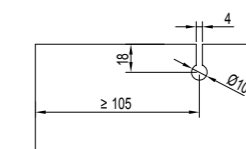
Dimension definition

Door leaf width	DW
Door opening width	OW
Fixed leaf width	FW
Door leaf height	DH
Door opening height	OH
Hanging rail length	TL

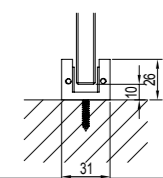
Calculation formula (Single door)

$DH = OH - 105$
$FW = OW / 2 + 30$
$DW = FW - 35$
$TL = OW - 5$

Glass cut out drawing



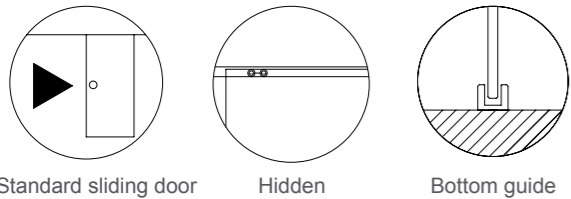
Door bottom guide installation diagram



Hidden glass sliding door KYN11210/KYN11220(Old code TLG211)

Applicable maximum door weight 80Kg

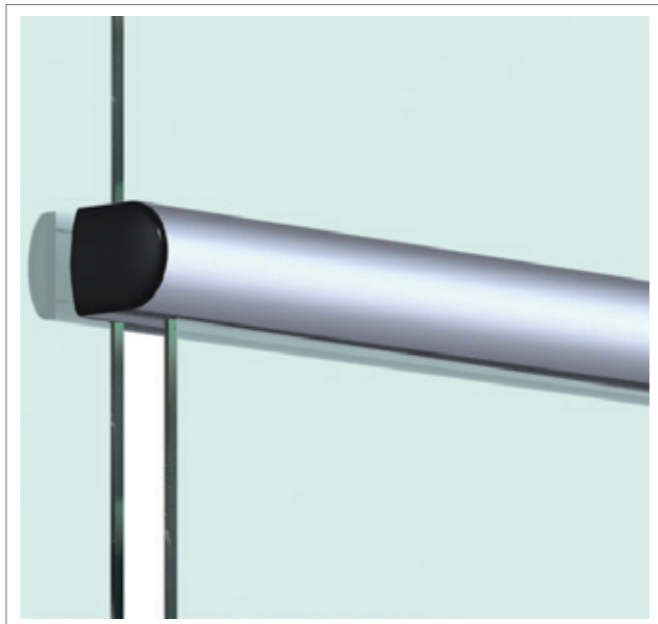
Sliding door function diagram



Standard sliding door Hidden Bottom guide

Functional Characteristic

- Suitable for single or double glass doors
- Suitable for two-way buffer wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- The hanging wheel and the glass clamp are hidden in the Hanging rail, the shape is simple and the permeability is good
- Hanging rail adopts convex slideway with dust-proof and self-cleaning function
- Split hanging rail design, convenient installation
- Hanging wheel adopts automatic correction suspension mechanism, which can eliminate some installation errors
- Zero gap between the bottom guide and the door leaf, the door leaf runs more smoothly



Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	10-12mm
Applicable door leaf width	≥600-1000mm
Applicable door height	≤2200mm

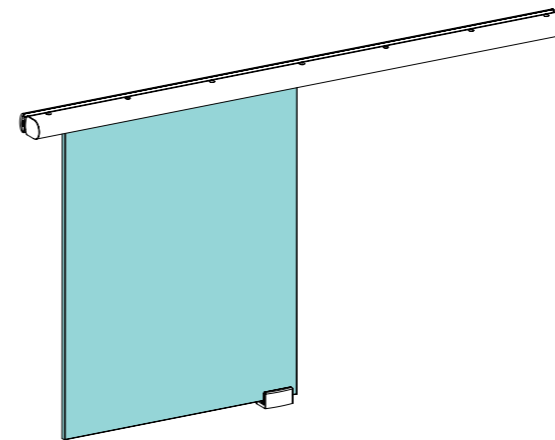
Main Material and Surface Finish

Wheel body	304 stainless steel (matt)
Pulley	Bearing GCr15 (natural color) + POM(white)
Locating piece	Nylon (black)
Door bottom guide fitting	304 stainless steel (matt) + Nylon (gray)
Hanging rail	Aluminum alloy (anodized, silver white)

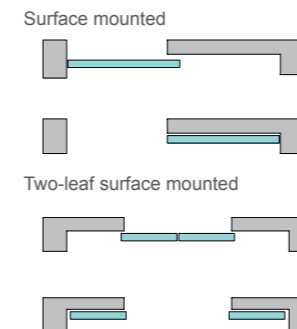
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model	No.	Product Name	Product Picture	Quantity	Model
1	hanging rail		2 pcs	KYN11210 (Wall mounting)	1	Hanging rail		2 pcs	KYN11220 (Glass surface installation)
2	Positioner		2 pcs		2	Positioner		2 pcs	
3	Door bottom guide		1 pcs		3	Door bottom guide		1 pcs	
4	Hanging wheel assembly		1 pcs		4	Hanging wheel assembly		1 pcs	

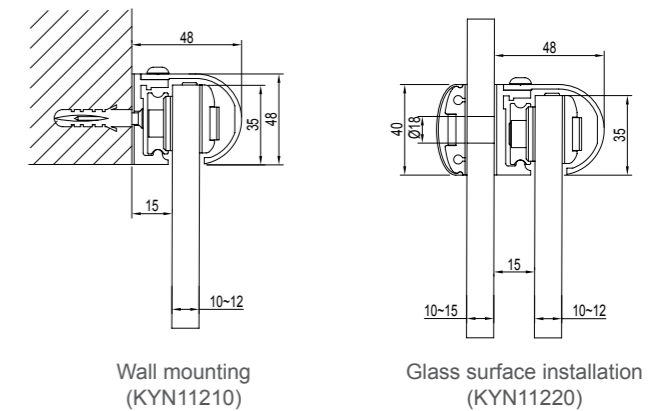
Note: The length of the hanging rail is calculated based on the width of the door space, which needs to be ordered separately. The number of hanging rails for double doors is determined according to the installation form.



Installation form



Installation form diagram



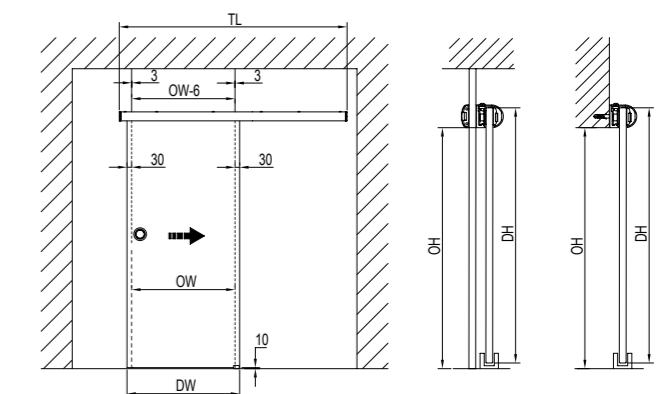
Hanging rail opening size chart

Installation size	Length of the hanging rail			
	1600mm	2400mm	3200mm	4000mm
B	30	30	40	50
C	4*350	6*390	8*390	10*390

Supporting products (Optional)

Concealed Handle	1Set (See P249~P250)
Sliding door lock (KMS12220)	1Set (See P157)
Sliding door lock (KMS22220)	1Set (See P158)

Installation diagram

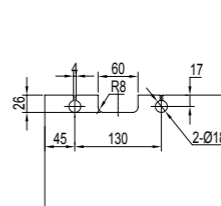


Dimension definition

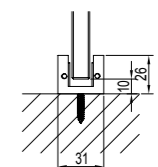
Door leaf width	DW	DH=OH+25
Door opening width	OW	DW=OW+60
Door leaf height	DH	TL≥2×DW +100
Door opening height	OH	
Hanging rail length	TL	

Calculation formula (Single door)

Glass cut out drawing



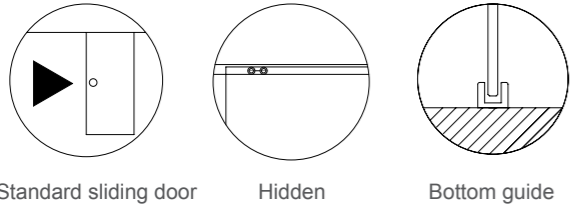
Door bottom guide installation diagram



Hidden glass sliding door KYN12210/KYN12220(Old code TLG212)

Applicable maximum door weight 80Kg

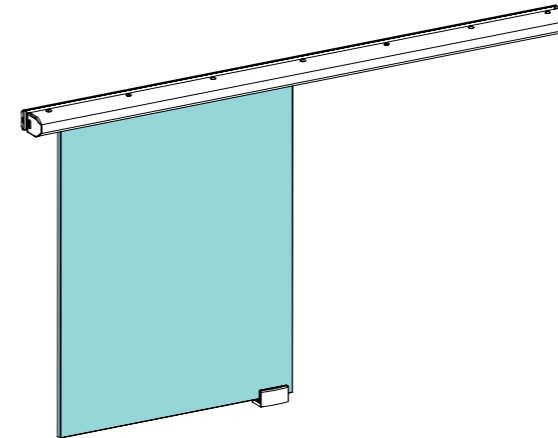
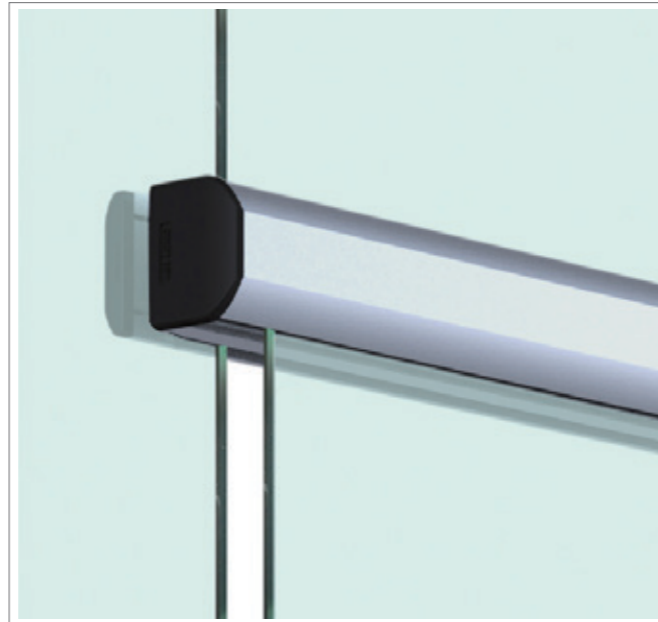
Sliding door function diagram



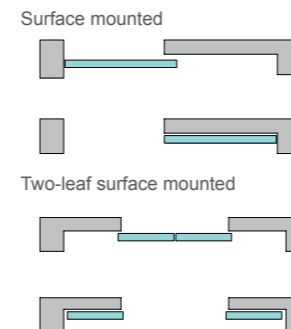
Standard sliding door Hidden Bottom guide

Functional Characteristic

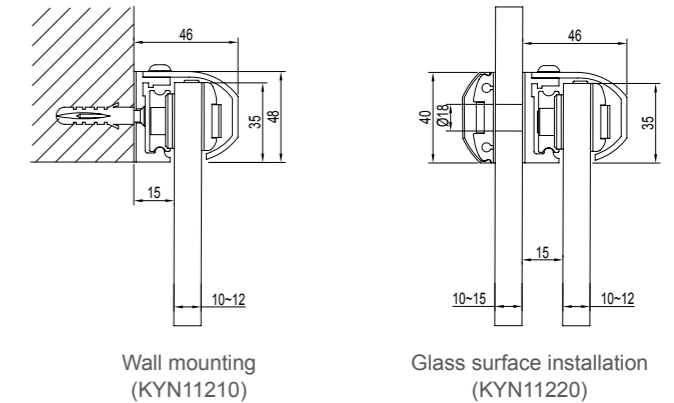
- Suitable for single or double glass doors
- Suitable for two-way buffer wooden sliding doors
- Suitable for residential, hotel, retail and office buildings
- The hanging wheel and the glass clamp are hidden in the Hanging rail, the shape is simple and the permeability is good
- Hanging rail adopts convex slideway with dust-proof and self-cleaning function
- Split hanging rail design, convenient installation
- Hanging wheel adopts automatic correction suspension mechanism, which can eliminate some installation errors
- Zero gap between the bottom guide and the door leaf, the door leaf runs more smoothly



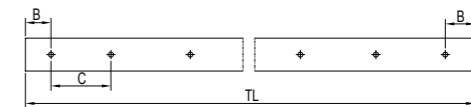
Installation form



Installation form diagram



Hanging rail opening size chart



Installation size	Length of the hanging rail			
	1600mm	2400mm	3200mm	4000mm
B	30	30	40	50
C	4*350	6*390	8*390	10*390

Technical Parameters

Applicable maximum door weight	80Kg
Applicable minimum door thickness	10-12mm
Applicable door leaf width	600-1000mm
Applicable door height	≤2200mm

Main Material and Surface Finish

Wheel body	304 stainless steel (matt)
Pulley	Bearing GCr15 (natural color) + POM (white)
Locating piece	Nylon (black)
Door bottom guide fitting	304 stainless steel (matt) + Nylon (gray)
Hanging rail	Aluminum alloy (anodized, silver white)

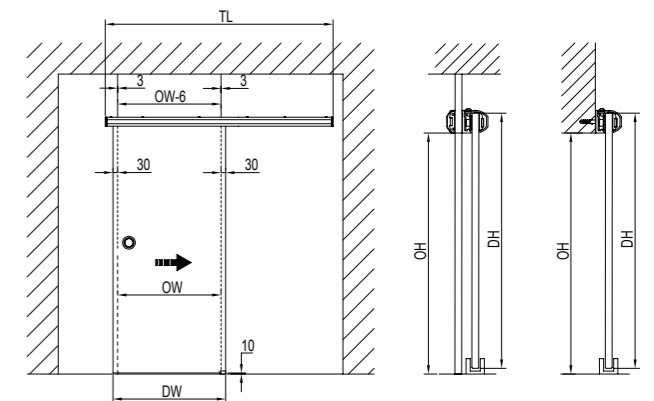
Standard configuration (Single door)

No.	Product Name	Product Picture	Quantity	Model
1	Hanging wheel		2 pcs	KYN12210 (Wall mounting)
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail		1 pcs	
1	Hanging wheel		2 pcs	KYN12220 (Glass surface installation)
2	Positioner		2 pcs	
3	Door bottom guide		1 pcs	
4	Hanging rail assembly		1 pcs	

Supporting products (Optional)

- Concealed Handle 1Set (See P249-P250)
- Sliding door lock (KMS12220) 1Set (See P157)
- Sliding door lock (KMS22220) 1Set (See P158)

Installation diagram

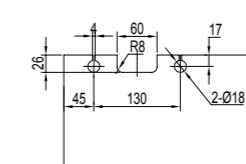


Dimension definition

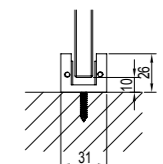
Door leaf width	DW	DH=OH+25
Door opening width	OW	DW=OW+60
Door leaf height	DH	TL≥2×DW +100
Door opening height	OH	
Hanging rail length	TL	

Calculation formula

Glass cut out drawing



Door bottom guide installation diagram

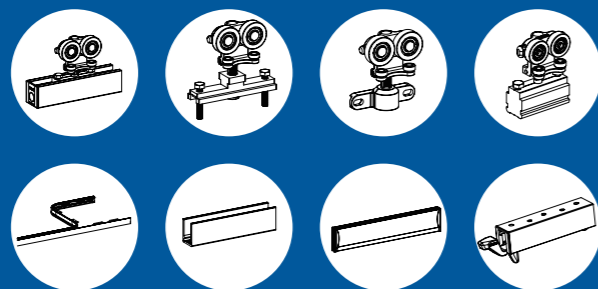


Sliding door

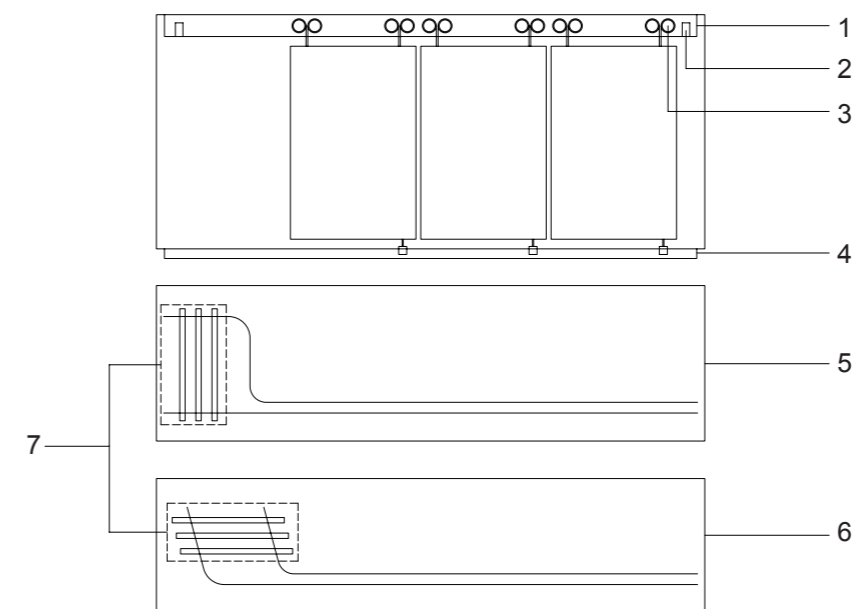
Sliding door

11

Active partition system



Noun definition



1-Hanging rail components

Use with hanging wheel to guide the running direction of movable sash

2-Limit fittings

Limit pieces are accessories for limiting the travel of sliding doors, without positioning function

3-Hanging wheel assembly

Mobile sash running and load-bearing components, usually composed of pulleys, bodies, connectors or glass clamps

4-Lower guide rail

Used to reduce the swing of the movable sash during operation

5-Vertical storage (H type)

The rear door of the movable sash is vertical to the hanging rail.

6-Parallel storage (F type)

The rear door of the movable sash is parallel to the hanging rail.

7-Storage area

Active sash stacking area

Wooden movable partition system KHD51/52 series (New)

Applicable door weight 125Kg

Functions & Characteristics

- Suitable for unidirectional or bidirectional storage of wooden movable partitions
- Suitable for commercial and public areas
- Choose the corresponding vertical or parallel storage form according to the site environment
- Each door can slide independently to meet multiple conditions of application
- The hanging rail adopts the guidance and load separation and curved corner design, so that the complex movable sash can slide easily
- Configure the bottom guide rail to keep the door leaf stable in sliding and standing state
- No bottom guide rail, beautiful floor, easy to clean
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Unilateral hanging wheel can make the movable sash automatically smooth corner
- The door leaf connecting component is concealed design, the overall appearance is beautiful, the installation is convenient, and the adjustment is convenient
- Choose to configure the casement sash according to the needs of the application and indoor layout

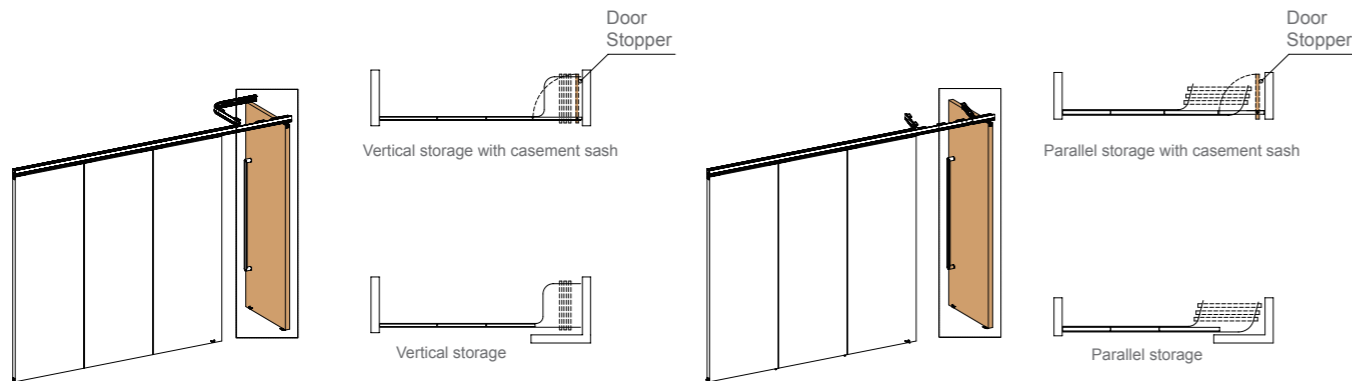
Technical Parameters

Applicable maximum door weight	125Kg
Applicable door leaf thickness	40-60mm
Applicable door leaf height	≤2500mm (without bottom guide rail) >2500mm (with bottom guide rail)
Applicable door leaf width	600~1200mm

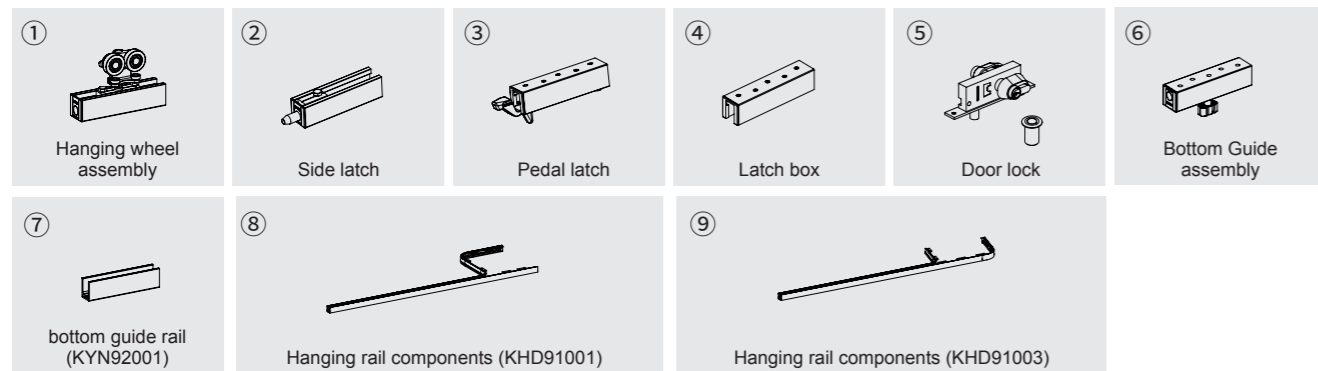
Main materials and surface treatment

Pulley	Bearing GCr15 (natural color) + POM (white)
Hanging wheel body	304 stainless steel (natural color)
Fixed Slotted	Aluminum alloy (anodized, silver white)
Limit fittings	304 stainless steel (natural color)
Hanging rail	Aluminum alloy (anodized, silver white)
Lower guide rail	Aluminum alloy (anodized, silver white)

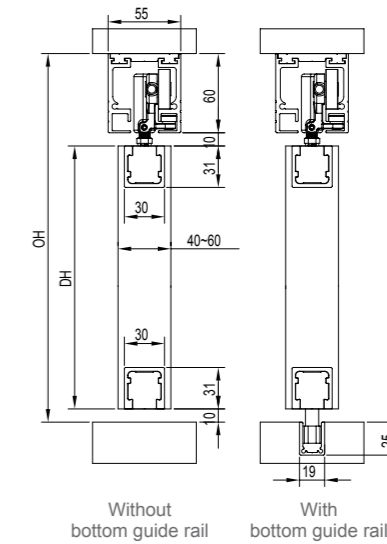
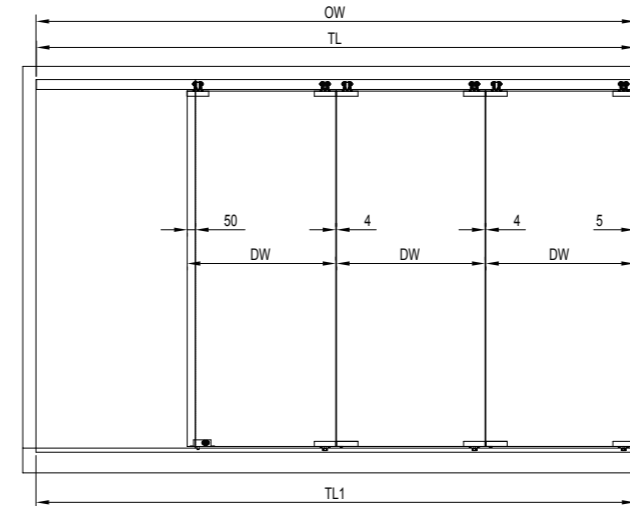
Configuration schematic



Accessory details



Schematic diagram of typical configuration types



Dimension definition

Doorway width	OW
Doorway height	OH
Door sash width	DW
Door sash height	DH
Hanging rail length	TL
Lower guide rail length	TL1

Calculation formula

DH = OH - 80
TL is depended on the actual situation

H type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD5130H	3 sash	A B C
KHD5140H	4 sash	A B B C
KHD5150H	5 sash	A B B B C
KHD5160H	6 sash	A B B B B C

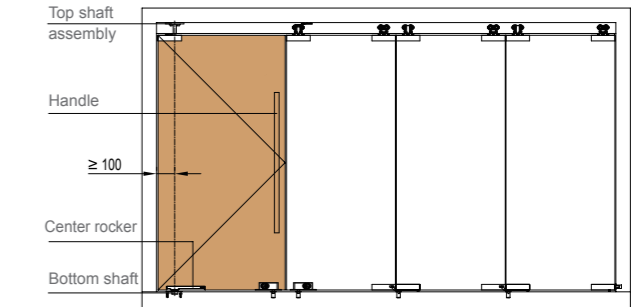
H type with bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD5230H	3 sash	D E E
KHD5240H	4 sash	D E E E
KHD5250H	5 sash	D E E E E
KHD5260H	6 sash	D E E E E E

F type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD5130F	3 sash	A B C
KHD5140F	4 sash	A B B C
KHD5150F	5 sash	A B B B C
KHD5160F	6 sash	A B B B B C

Mobile partition casement sash accessories KHD96004



Accessory name	Upper shaft assembly	Center rocker	Bottom shaft
Diagram			

Configuration instructions:

- The standard configuration does not include casement sash. When you need to configure casement sash, you must order KHD96004 separately
- The casement sash accessories KHD96004 includes an upper shaft assembly, a central rocker arm, and a bottom shaft each
- The casement sash must be equipped with a handle. The handle must be ordered separately, only KLS442, KLS454 (see P221, P225) applicable
- Casement sash must be equipped with door suction. Door suction must be ordered separately. Recommended model SMX12215

Wooden movable partition system KHD53/54 series (New)

Applicable door weight 65Kg

Functions & Characteristics

- Suitable for unidirectional or bidirectional storage of wooden movable partitions
- Suitable for commercial and public areas
- Choose the corresponding vertical or parallel storage form according to the site environment
- Each door can slide independently to meet multiple conditions of application
- The hanging rail adopts the guidance and load separation and curved corner design, so that the complex movable sash can slide easily
- Configure the bottom guide rail to keep the door leaf stable in sliding and standing state
- No bottom guide rail, beautiful floor, easy to clean
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Unilateral hanging wheel can make the movable sash automatically smooth corner
- The door leaf connecting component is concealed design, the overall appearance is beautiful, the installation is convenient, and the adjustment is convenient
- Choose to configure the casement sash according to the needs of the application and indoor layout

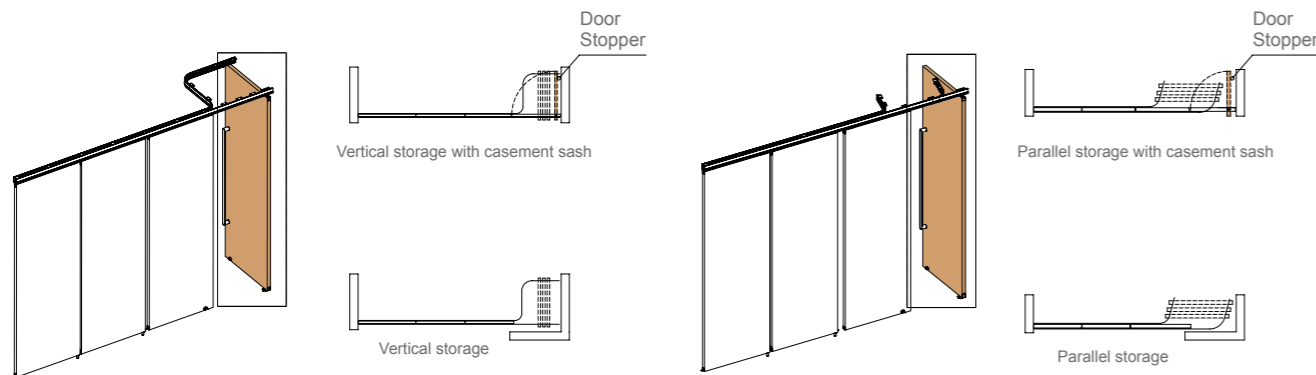
Technical Parameters

- Applicable maximum door weight 65Kg
- Applicable door leaf thickness 40-55mm
- Applicable door leaf height ≤2500mm (without bottom guide rail)
>2500mm (with bottom guide rail)
- Applicable door leaf width 600-900mm (Vertical storage)
600-1000mm (Parallel storage)

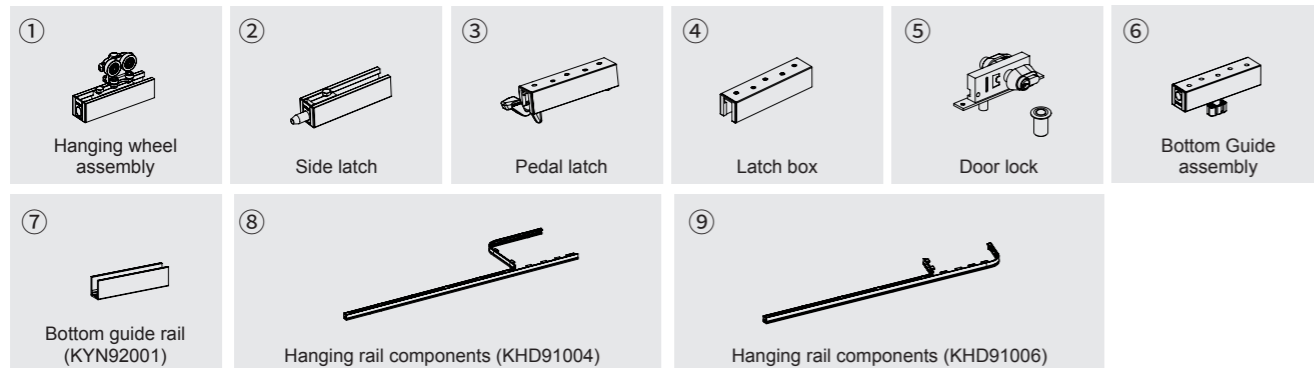
Main materials and surface treatment

- Pulley Bearing GCr15 (natural color) + POM (white)
- Hanging wheel body High-strength engineering plastic (black)
- Fixed Slotted Aluminum alloy (anodized, silver white)
- Limit fittings 304 stainless steel (natural color)
- Hanging rail Aluminum alloy (anodized, silver white)
- Lower guide rail Aluminum alloy (anodized, silver white)

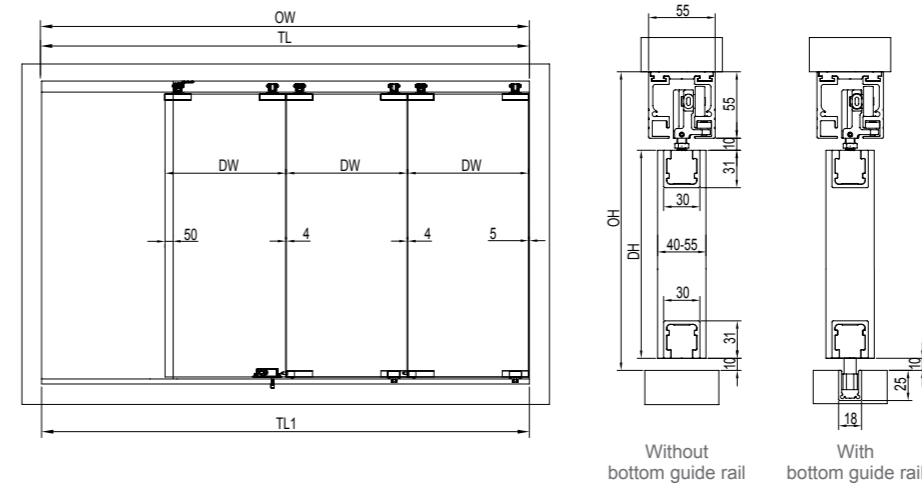
Configuration schematic



Accessory details



Schematic diagram of typical configuration types



Dimension definition

- Doorway height OH
- Doorway width OW
- Door sash width DW
- Door sash height DH
- Hanging rail length TL
- Lower guide rail length TL1

Calculation formula

- DH = OH - 75
- TL is depended on the actual situation

H type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD5330H	3 sash	A B C
KHD5340H	4 sash	A B B C
KHD5350H	5 sash	A B B B C
KHD5360H	6 sash	A B B B B C

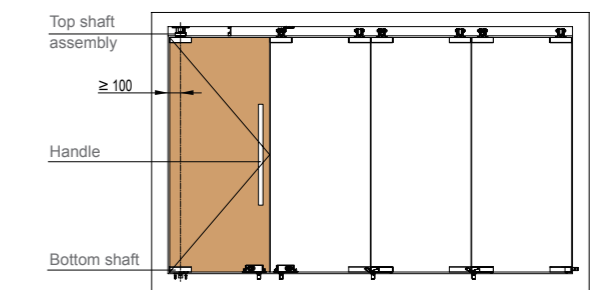
H type with bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD5430H	3 sash	D E E
KHD5440H	4 sash	D E E E
KHD5450H	5 sash	D E E E E
KHD5460H	6 sash	D E E E E E

F type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD5330F	3 sash	A B C
KHD5340F	4 sash	A B B C
KHD5350F	5 sash	A B B B C
KHD5360F	6 sash	A B B B B C

Mobile partition casement sash accessories KHD96005



Configuration instructions:

- The standard configuration does not include casement sash. When you need to configure casement sash, you must order KHD96005 separately
- The casement sash accessories KHD96005 includes an upper shaft assembly, a central rocker arm, and a bottom shaft each
- The casement sash must be equipped with a handle. The handle must be ordered separately, only KLS442, KLS454 (see P221, P225) applicable
- Casement sash must be equipped with door suction. Door suction must be ordered separately. Recommended model SMX12215

Accessory name	Upper shaft assembly	Bottom shaft
Diagram		

Glass movable partition system KHD11/12series (New)

Applicable door weight 125Kg

Functions&Characteristics

- Suitable for unidirectional or bidirectional storage of wooden movable partitions
- Suitable for commercial and public areas
- Choose the corresponding vertical or parallel storage form according to the site environment
- Each door can slide independently to meet multiple conditions of application
- The hanging rail adopts the guidance and load separation and curved corner design, so that the complex movable sash can slide easily
- Configure the bottom guide rail to keep the door leaf stable in sliding and standing state
- No bottom guide rail, beautiful floor, easy to clean
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Unilateral hanging wheel can make the movable sash automatically smooth corner
- The door leaf connecting component is concealed design, the overall appearance is beautiful, the installation is convenient, and the adjustment is convenient
- Choose to configure the casement sash according to the needs of the application and indoor layout

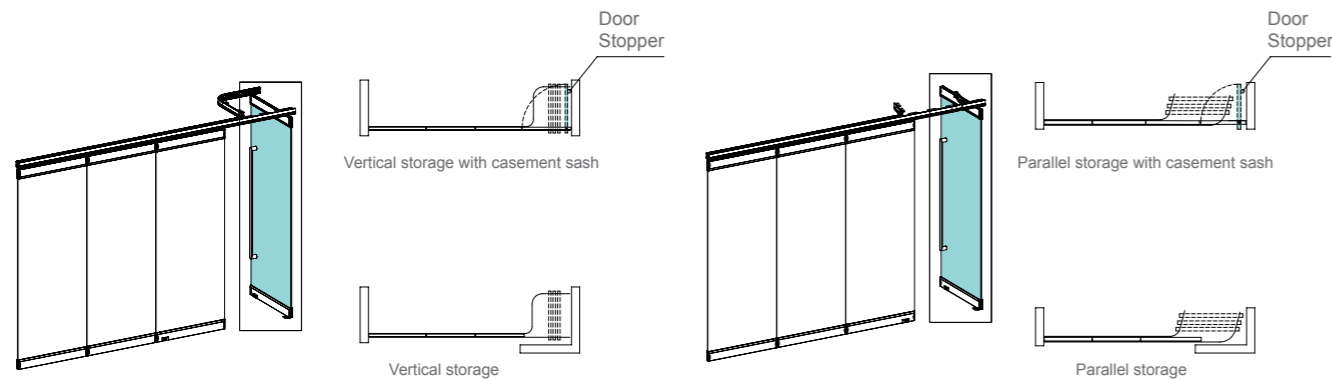
Technical Parameters

Applicable maximum door weight	125Kg
Applicable door leaf thickness	10/12mm
Applicable door leaf height	≤2500mm (without bottom guide rail) >2500mm (with bottom guide rail)
Applicable door leaf width	600~1200mm

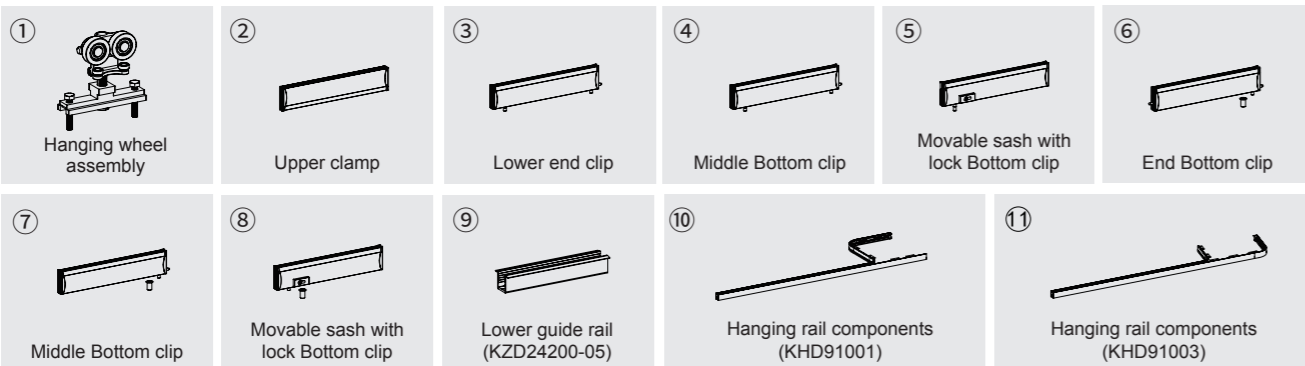
Main materials and surface treatment

Pulley	Bearing GCr15 (natural color) + POM (white)
Hanging wheel body	304 stainless steel (natural color)
Glass clamp	Aluminum alloy (anodized, silver white)
Limit fittings	304 stainless steel (natural color)
Hanging rail	Aluminum alloy (anodized, silver white)
Lower guide rail	Aluminum alloy (anodized, silver white)

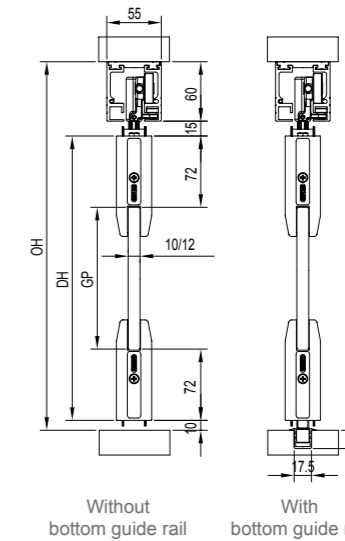
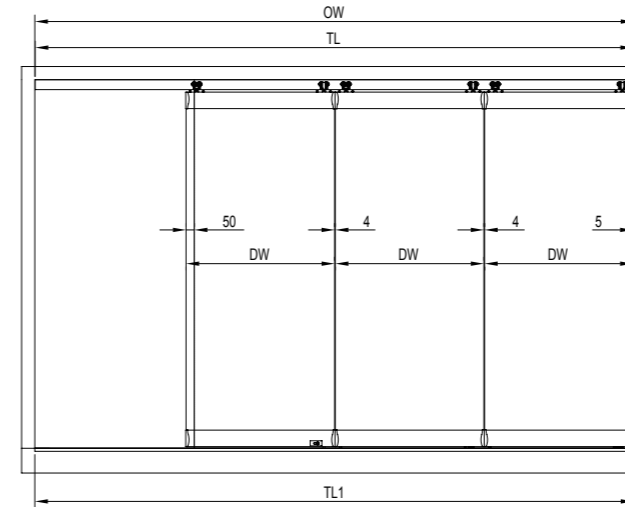
Configuration schematic



Accessory details



Schematic diagram of typical configuration types



Dimension definition

Doorway height	OH
Doorway width	OW
Door sash width	DW
Door sash height	DH
Glass door height	GP
Hanging rail length	TL
Lower guide rail length	TL1

Calculation formula

$DH = OH - 85$
 $GP = OH - 230$
 TL is depended on the actual situation

H type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD1130H	3 sash	A B C
KHD1140H	4 sash	A B B C
KHD1150H	5 sash	A B B B C
KHD1160H	6 sash	A B B B B C

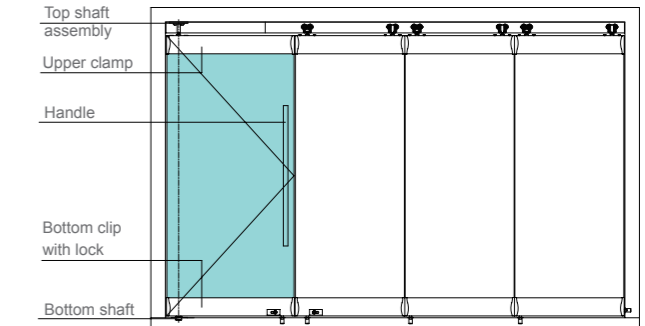
H type with bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD1230H	3 sash	D E F
KHD1240H	4 sash	D E E F
KHD1250H	5 sash	D E E E F
KHD1260H	6 sash	D E E E E F

F type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD1130F	3 sash	A B C
KHD1140F	4 sash	A B B C
KHD1150F	5 sash	A B B B C
KHD1160F	6 sash	A B B B B C

Mobile partition casement sash accessories KHD96001



Configuration instructions:

- The standard configuration does not include casement sash. When you need to configure casement sash, you must order KHD96005 separately
- Casement sash accessories KHD96001 includes upper shaft assembly, upper clamp, lower clamp with lock, and Bottom shaft each
- The casement sash must be equipped with a handle. The handle must be ordered separately, only KLS442, KLS454 (see P221, P225) applicable
- Casement sash must be equipped with door suction. Door suction must be ordered separately. Recommended model SMX12215

Accessory name	Upper shaft assembly	Upper clamp	Bottom clip with lock	Bottom shaft
Diagram				

Glass movable partition system KHD15/16series (New)

Applicable door weight 85Kg

Functions&Characteristics

- Suitable for unidirectional or bidirectional storage of wooden movable partitions
- Suitable for commercial and public areas
- Choose the corresponding vertical or parallel storage form according to the site environment
- Each door can slide independently to meet multiple conditions of application
- The hanging rail adopts the guidance and load separation and curved corner design, so that the complex movable sash can slide easily
- Configure the bottom guide rail to keep the door leaf stable in sliding and standing state
- No bottom guide rail, beautiful floor, easy to clean
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Unilateral hanging wheel can make the movable sash automatically smooth corner
- Short patch design, no need to customize glass clamp according to door leaf width, quick and easy installation
- Choose to configure the casement sash according to the needs of the application and indoor layout

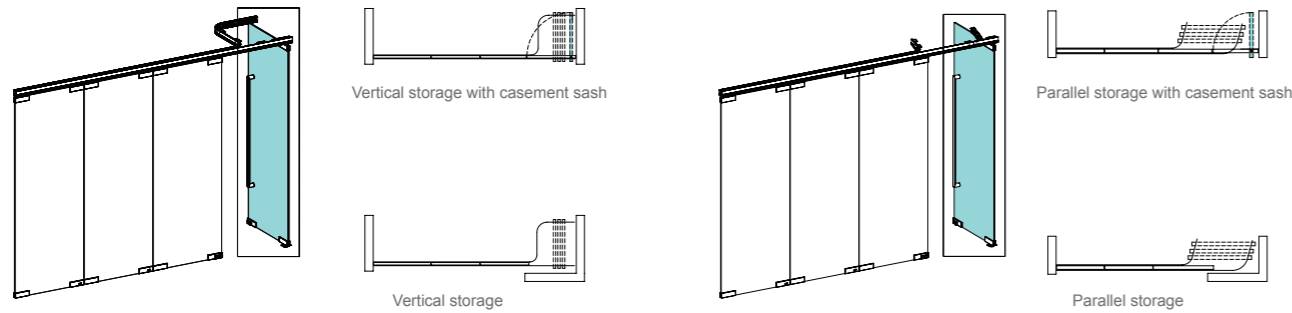
Technical Parameters

Applicable maximum door weight	85Kg
Applicable door leaf thickness	10/12mm
Applicable door leaf height	≤2500mm (without bottom guide rail) >2500mm (with bottom guide rail)
Applicable door leaf width	600~900mm

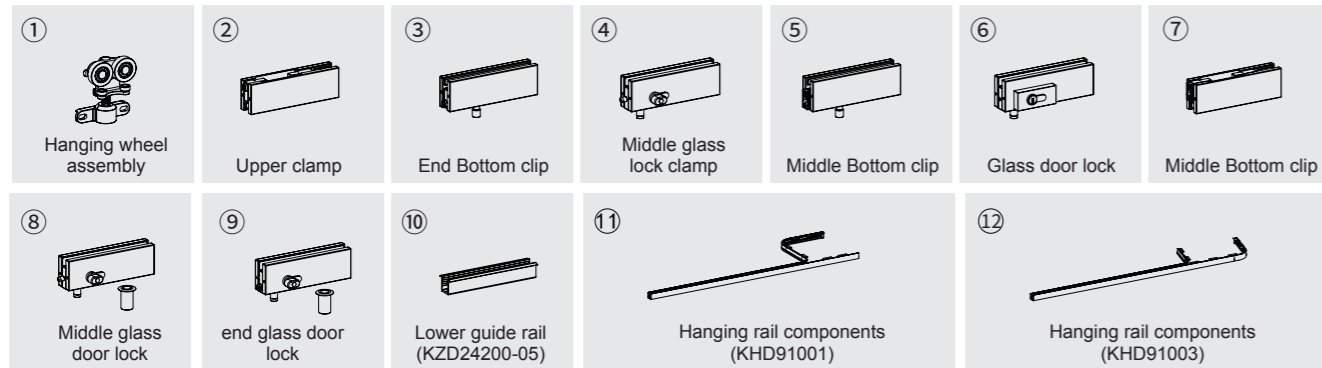
Main materials and surface treatment

Pulley	Bearing GCr15 (natural color) + POM (white)
Hanging wheel body	304 stainless steel (natural color)
glass clamp	Aluminum alloy + 304 stainless steel (matt)
Limit fittings	304 stainless steel (natural color)
Hanging rail	Aluminum alloy (anodized, silver white)
Lower guide rail	Aluminum alloy (anodized, silver white)

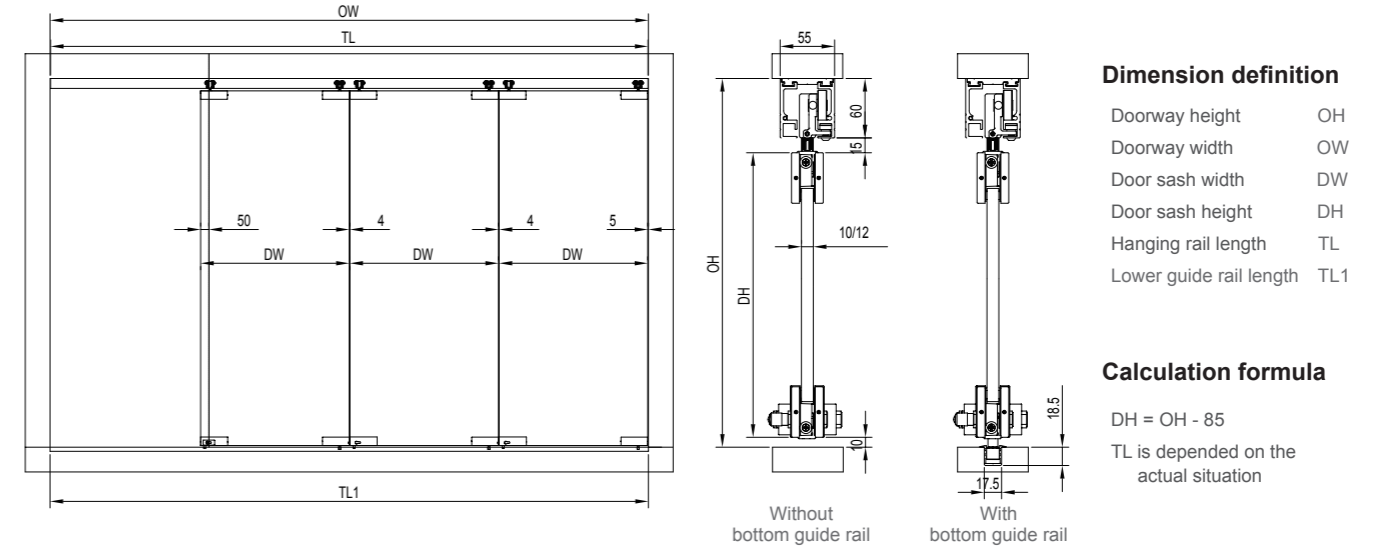
Configuration schematic



Accessory details



Schematic diagram of typical configuration types



Dimension definition

Doorway height	OH
Doorway width	OW
Door sash width	DW
Door sash height	DH
Hanging rail length	TL
Lower guide rail length	TL1

Calculation formula

DH = OH - 85
TL is depended on the actual situation

H type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD1530H	3 sash	A B C
KHD1540H	4 sash	A B B C
KHD1550H	5 sash	A B B B C
KHD1560H	6 sash	A B B B B C

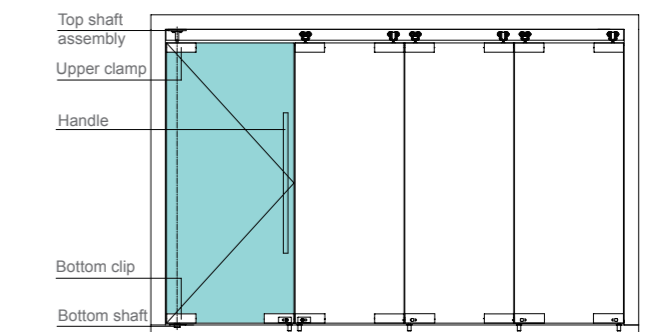
H type with bottom guide rail configuration (with casement sash)

Model	Door sash quantity	Diagram
KHD1631H	4 sash	D E F G
KHD1641H	5 sash	D E F E G
KHD1651H	6 sash	D E F E F G
KHD1661H	7 sash	D E F E F E G

F type without bottom guide rail configuration

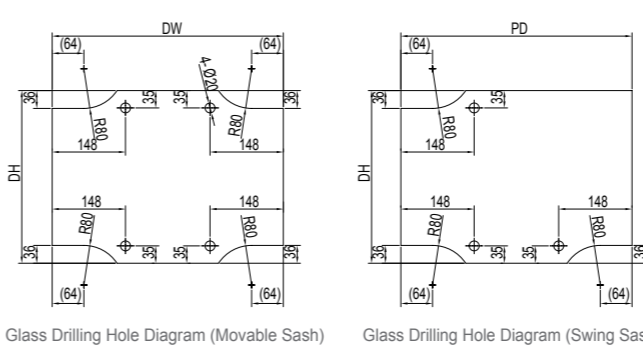
Model	Door sash quantity	Diagram
KHD1530F	3 sash	A B C
KHD1540F	4 sash	A B B C
KHD1550F	5 sash	A B B B C
KHD1560F	6 sash	A B B B B C

Mobile partition casement sash accessories KHD96003



Accessory name	Upper shaft assembly	Upper clamp	Bottom clip	Bottom shaft
Diagram				

Drilling Diagram For Glass



Configuration instructions:

- The standard configuration does not include casement sash. When you need to configure casement sash, you must order KHD96003 separately
- Casement sash accessories KHD96003 includes upper shaft assembly, upper clamp, lower clamp with lock, and Bottom shaft each
- The casement sash must be equipped with a handle. The handle must be ordered separately, only KLS442, KLS454 (see P221, P225) applicable

Glass movable partition system KHD13/14series (New)

Applicable door weight 65Kg

Functions&Characteristics

- Suitable for unidirectional or bidirectional storage of wooden movable partitions
- Suitable for commercial and public areas
- Choose the corresponding vertical or parallel storage form according to the site environment
- Each door can slide independently to meet multiple conditions of application
- The hanging rail adopts the guidance and load separation and curved corner design, so that the complex movable sash can slide easily
- Configure the bottom guide rail to keep the door leaf stable in sliding and standing state
- No bottom guide rail, beautiful floor, easy to clean
- Pulley with high tenacity, elasticity, self-lubricating functions and mute vibration reduction
- Unilateral hanging wheel can make the movable sash automatically smooth corner
- The door leaf connecting component is concealed design, the overall appearance is beautiful, the installation is convenient, and the adjustment is convenient
- Choose to configure the casement sash according to the needs of the application and indoor layout

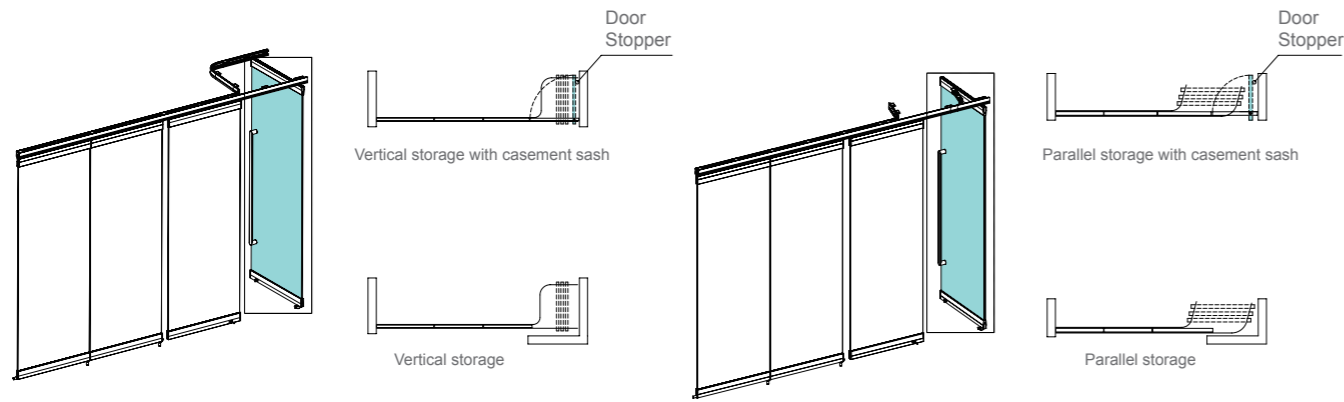
Technical Parameters

- Applicable maximum door weight 65Kg
- Applicable door leaf thickness 10-12mm
- Applicable door leaf height ≤2500mm (without bottom guide rail)
>2500mm (with bottom guide rail)
- Applicable door leaf width 600~900mm (Vertical storage)
600~1000mm (Parallel storage)

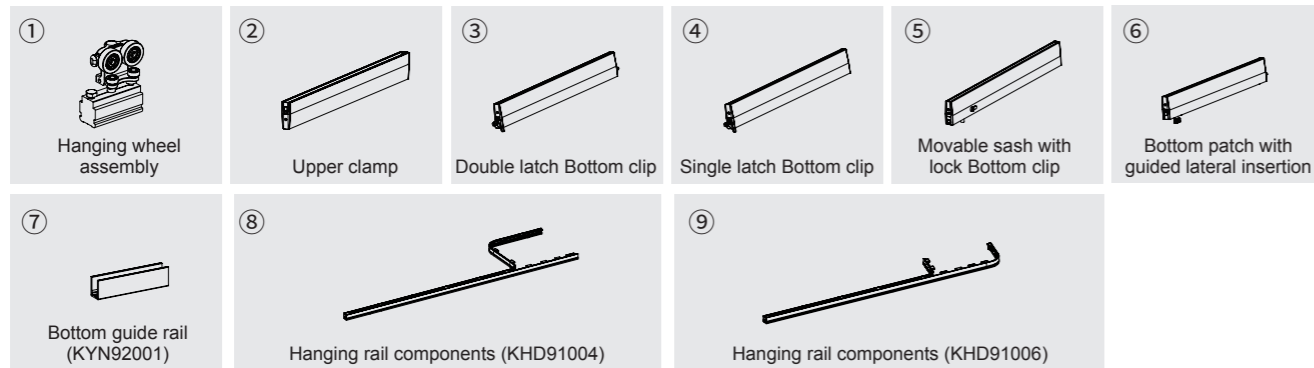
Main materials and surface treatment

- Pulley Bearing GCr15 (natural color) + POM (white)
- Hanging wheel body High-strength engineering plastic (black)
- glass clamp Aluminum alloy (anodized, silver white)
- Limit fittings 304 stainless steel (natural color)
- Hanging rail Aluminum alloy (anodized, silver white)
- Lower guide rail Aluminum alloy (anodized, silver white)

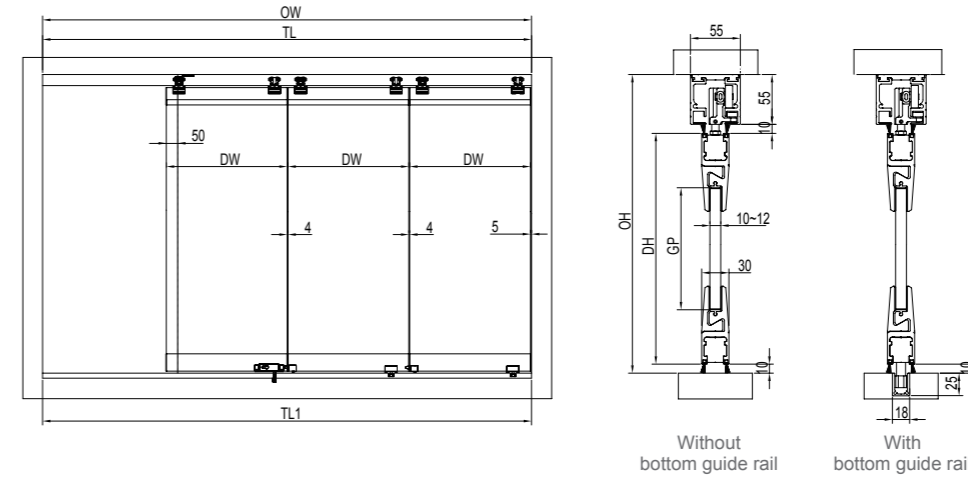
Configuration schematic



Accessory details



Schematic diagram of typical configuration types



Dimension definition

- Doorway height OH
- Doorway width OW
- Door sash width DW
- Door sash height DH
- Glass door height GP
- Hanging rail length TL
- Lower guide rail length TL1

Calculation formula

- DH = OH - 75
- GP = OH - 195
- TL is depended on the actual situation

H type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD1330H	3 sash	
KHD1340H	4 sash	
KHD1350H	5 sash	
KHD1360H	6 sash	

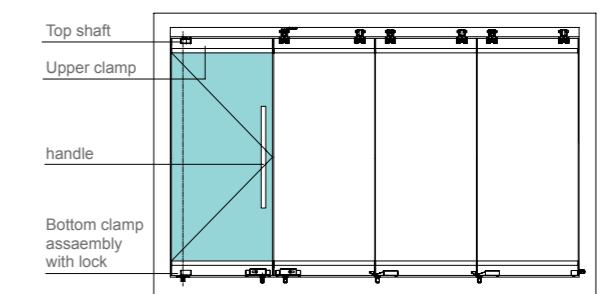
H type with bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD1430H	3 sash	
KHD1440H	4 sash	
KHD1450H	5 sash	
KHD1460H	6 sash	

F type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD1330F	3 sash	
KHD1340F	4 sash	
KHD1350F	5 sash	
KHD1360F	6 sash	

Mobile partition casement sash accessories KHD96002



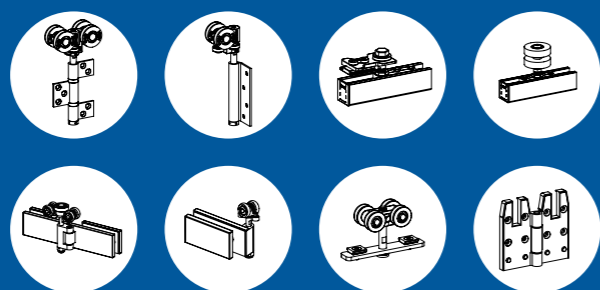
Configuration instructions:

- The standard configuration does not include casement sash. When you need to configure casement sash, you must order KHD96002 separately
- Casement sash accessories KHD96002 includes upper shaft assembly, upper clamp, lower clamp with lock, and Bottom shaft each
- The casement sash must be equipped with a handle. The handle must be ordered separately, only KLS442, KLS454 (see P221, P225) applicable
- Casement sash must be equipped with door suction. Door suction must be ordered separately. Recommended model SMX12215

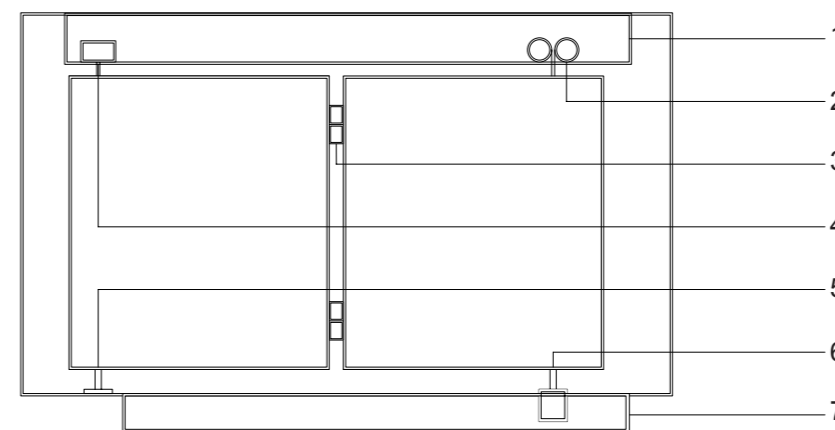
Accessory name	Upper shaft	Bottom clamp assembly with lock	Upper clamp
Diagram			

10

Glass Folding Door System Hardware Scheme

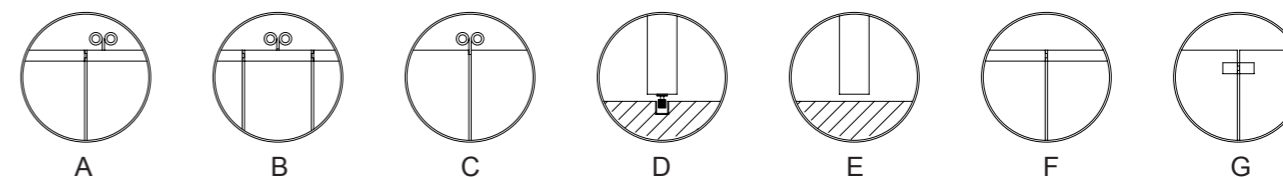


Noun definition



- 1-Hanging Rail
Used in conjunction with hanging wheels to guide the running direction of the door leaf
- 2-Hanging wheel assembly
Folding door operation and load-bearing components, usually composed of pulleys, bodies, fixing plates or glass clamps
- 3-Fold hinge
Accessories for connecting adjacent folding sash to achieve the folding of door leaves
- 4-Upper mounting
The load-bearing accessory of the first door of the folding door is fixed in the hanging rail and cooperates with the lower fixing seat to realize the rotation of the door leaf
- 5-Lower mounting
The running accessory of the first door of the folding door is fixed on the ground and cooperates with the upper fixing seat to realize the rotation of the door leaf
- 6-Door bottom guide fitting
Installed at the bottom of the door leaf, used to reduce the swing of the folding door during operation, and at the same time prevent falling angle
- 7-Bottom guide rail
Installed on the ground, used in conjunction with door bottom guides to guide the running direction of the door leaf

Type definition



- A-Hanging wheel offset
Installed at a distance from the end of the door leaf
- B-Hanging wheel center
Installed in the middle of the door leaf
- C-Hanging wheel side
Installed on the side of the door leaf
- D-Underground guidance
Need to be equipped with a Bottom guide rail, the floor needs to be slotted, used with the door bottom guide
- E-No bottom orientation
No need to be equipped with Bottom guide rail, no need to groove on the floor, no door bottom guide
- F-Long clip
The door clip of the glass folding door is a long clip style
- G-Short clip
The door patch of glass folding door is short patch style

Wooden folding doors KZD51 series (New)

Applicable door weight 75Kg

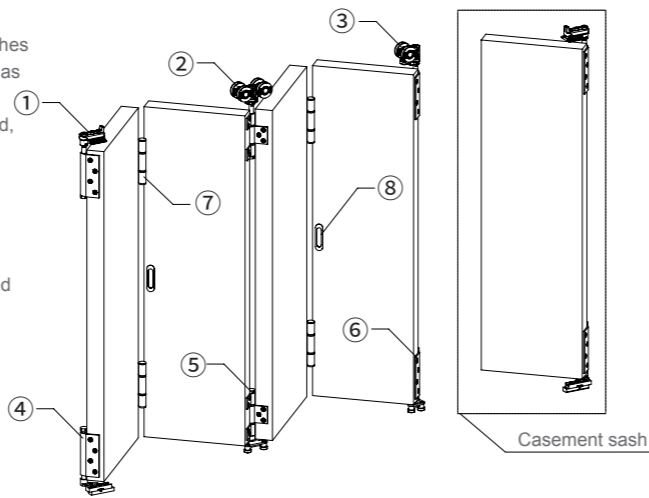
Sliding door function diagram



Functions&Characteristics

- Suitable for multiple one-way or two-way wooden folding doors
- Suitable for commercial and public areas
- Eccentric structure design, suitable for door frame structures with and without notches
- Open the foldable door to the side against the wall, and close the extendable door as an indoor screen
- Parallel arc-shaped boss at the bottom of the hanging rail, which can be self-guided, self-cleaning and automatic compensation
- Bottom guide rail keeps door leaf stable in sliding and standing state
- Pulley with high toughness, self-lubricating functions and mute vibration reduction
- Horizontal guide wheels effectively prevent door leaves from falling off
- Hinge through-shaft design to prevent hinges from falling off
- The main parts are made of 304 stainless steel, which improves the robustness and corrosion resistance
- Height adjustable ± 4 mm, horizontal adjustable ± 4 mm, eliminating some site tolerance

Configuration schematic



Configuration instructions:

- Casement sash is not included in the standard configuration. Casement sash accessories must be ordered separately
- When the height of the door leaf is ≤ 2400 mm, order according to the standard configuration product model
- If the height of the door leaf exceeds 2400mm, a hinge is added in the middle of the door leaf, which needs to be ordered separately
- Number of hinges = number of unidirectional fans-1

Option

- Hanging rail Model numberKYN91002
- Bottom guide rail Model numberKYN92002
- Concealed Handle Model numberKLS93511、KLS93512 (see detailsP255)

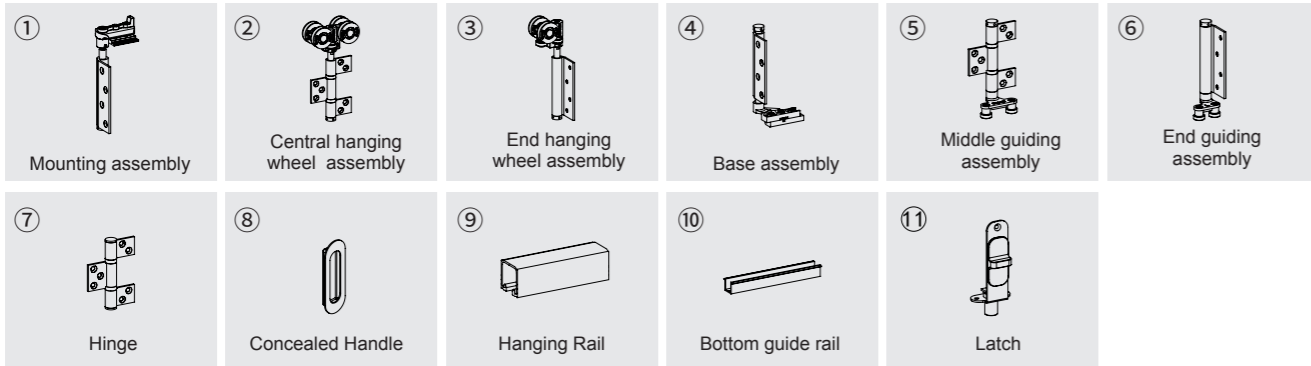
Technical Parameters

- Applicable maximum door weight 75Kg
- Applicable door leaf thickness 40-50mm
- Applicable door leaf width 600-900mm
- Applicable door leaf height ≤ 3300 mm

Main materials and surface treatment

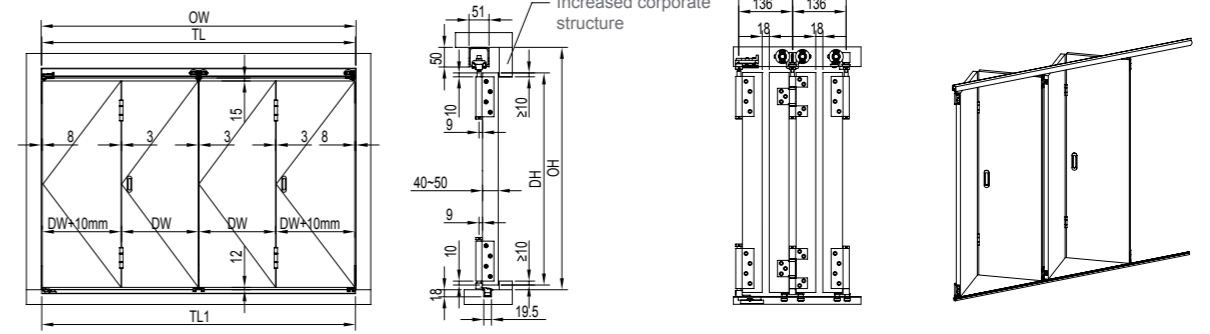
- Main parts 304 stainless steel (natural color)
- Hinge 304 stainless steel (matt)
- Guide rail Aluminum alloy (anodized, silver white)
- Bottom guide rail Aluminum alloy (anodized, silver white)
- Dead Bolt 304 (matt) zinc alloy (nickel plated)
- Pulley Bearing GCr15 (natural color) + POM (white)

Accessory details



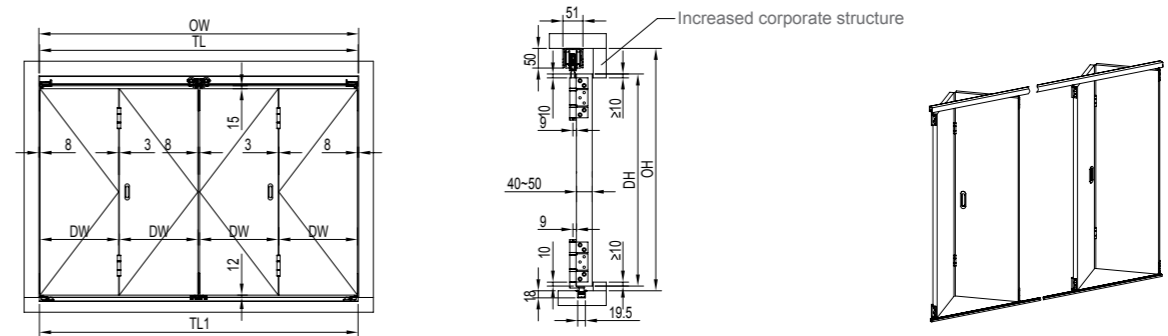
Schematic diagram of typical configuration types

One-way wooden folding door



Product Model	KZD5120L/R	KZD5130L/R	KZD5140L/R	KZD5150L/R	KZD5160L/R
Applicable door type	2Sash one-way folding	3Sash one-way folding	4Sash one-way folding	5Sash one-way folding	6Sash one-way folding
Schematic diagram					

two-way wooden folding doors



Product Model	KZD51220	KZD51330	KZD51440	KZD51550	KZD51660
Applicable door type	4Fan two-way folding	6Fan two-way folding	8Fan two-way folding	10Fan two-way folding	12Fan two-way folding
Schematic diagram					

Dimension definition

- Door sash height DH
- Doorway height OH
- Door sash width DW
- Doorway width OW
- Rail length TL
- Bottom guide rail length TL1

Calculation formula

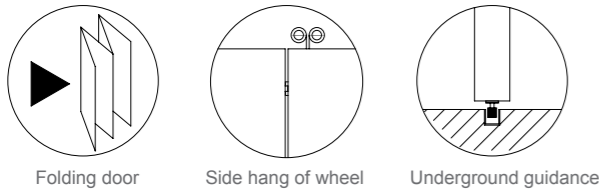
$$DH=OH-77$$

$$TL=TL1=OW-5$$

Wooden folding doors KZD61 series (New)

Applicable door weight 80Kg

Sliding door function diagram



Functions&Characteristics

- Suitable for multiple one-way or two-way wooden folding doors
- Suitable for commercial and public areas
- Open the foldable door to the side against the wall, and close the extendable door as an indoor screen
- Bottom guide rail keeps door leaf stable in sliding and standing state
- Universal caster design, push and pull light, smooth and ultra quiet
- Pulley with high toughness, self-lubricating functions and mute vibration reduction
- Accessories are slotted and installed, no metal is exposed overall, and the overall effect of the door is not damaged
- After the door is closed, the hinge is hidden, and the sealing function is better, beautiful and practical
- Height adjustable ± 4 mm, horizontal adjustable ± 4 mm, eliminating some field errors

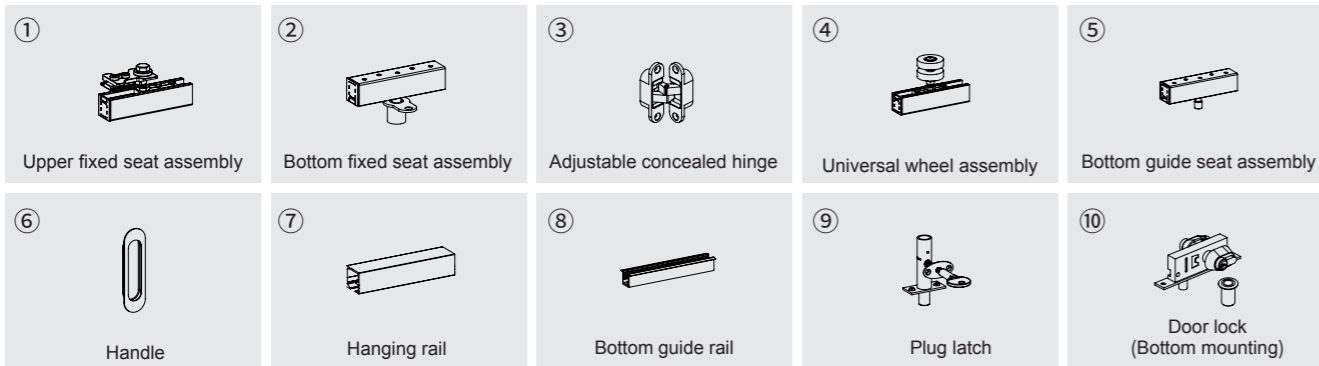
Technical Parameters

Applicable maximum door weight	80Kg
Applicable door leaf thickness	40mm
Applicable door leaf width	600~900mm
Applicable door leaf height	≤ 2600 mm

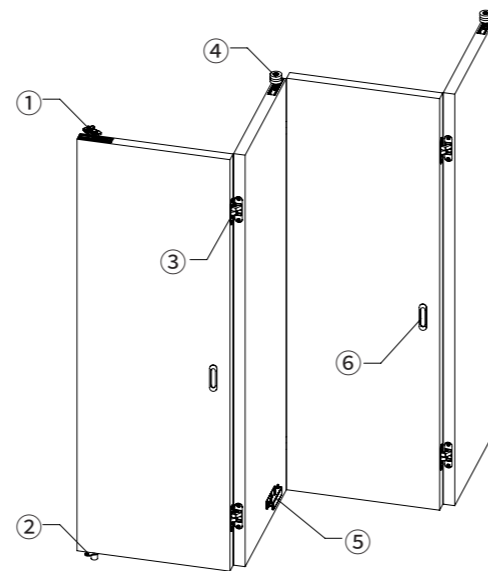
Main materials and surface treatment

Hanging rail	Aluminum alloy (anodized, silver white)
Bottom guide rail	Aluminum alloy (anodized, silver white)
Upper fixed seat assembly	stainless steel (natural color), Aluminum alloy (anodized, silver white)
Universal wheel assembly	Aluminum alloy (anodized, silver white), POM(white)
Bottom fixed seat assembly	stainless steel (matt), Aluminum alloy (anodized, silver white)
Adjustable concealed hinge	zinc alloy (pearl chrome plating)
Bottom guide seat assembly	Aluminum alloy (anodized, silver white)
Plug latch	High-quality carbon structural steel(nickel plated)
Pulley	Bearing GCr15 (natural color) + POM (white)

Accessory details



Configuration schematic

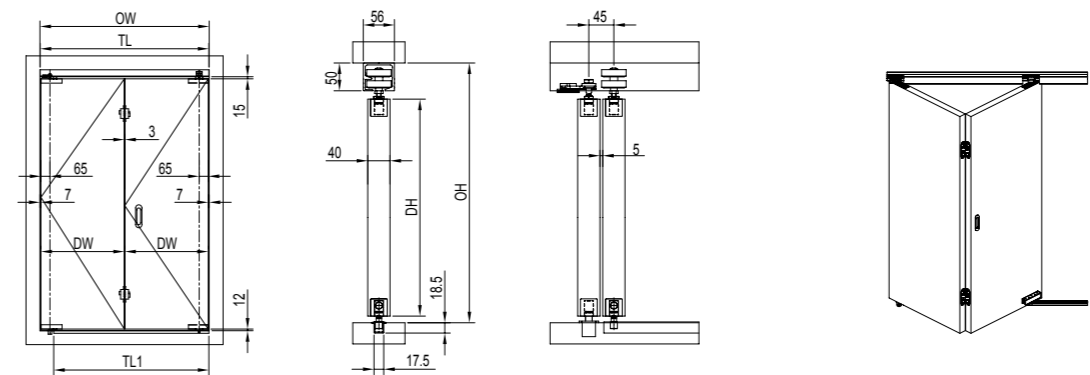


Option

Hanging rail	Model numberKHD13150-01
Bottom guide rail	Model numberKZD24200-05
Concealed Handle	Model numberKLS93511、KLS93512 (see detailsP255)
Door lock	Model numberKMS51260 (see detailsP168)

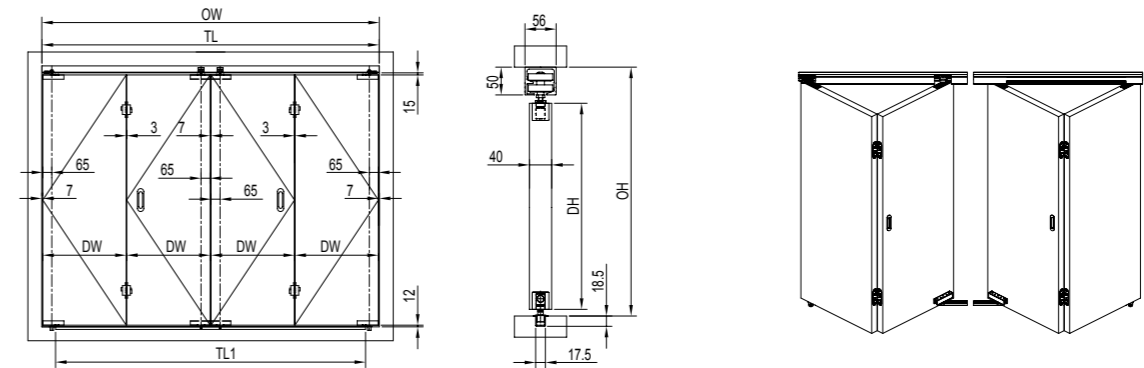
Schematic diagram of typical configuration types

One-way wooden folding door



Product Model	KZD61200	KZD6140L/R	KZD6160L/R
Applicable door type	2Sash one-way folding	4Sash one-way folding	6Sash one-way folding
Schematic diagram			

two-way wooden folding doors



Product Model	KZD61220	KZD6124L/R
Applicable door type	4 Fan two-way folding	6 Fan two-way folding
Schematic diagram		

Dimension definition

Doorway height	OH
Door sash width	OW
Door sash height	DH
Door sash width	DW
Rail length	TL
Bottom guide rail length	TL1

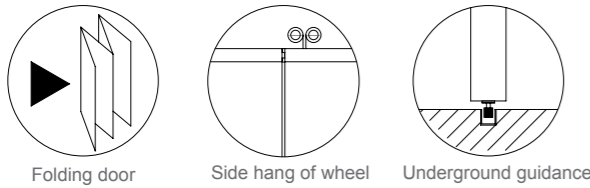
Calculation formula

DH=OH-77
TL=OW-5
TL1 (one-way opening) =OW-100
TL1 (two-way opening) =OW-200

Glass folding door KZD11 series

Applicable door weight 60Kg

Sliding door function diagram



Functions&Characteristics

- Suitable for multiple one-way or two-way Glass folding doors
- Suitable for commercial and public areas
- Open the foldable door to the side against the wall, and close the extendable door as an indoor screen
- Parallel curved concave design at the bottom of the hanging rail, no shaking during sliding, self-guided
- Bottom guide rail keeps door leaf stable in sliding and standing state
- Pulley with high toughness, self-lubricating functions and mute vibration reduction
- Horizontal guide wheels effectively prevent door leaves from falling off
- Height adjustable ± 3mm, horizontal adjustable ± 3mm, eliminating some site tolerance
- The standard configuration can only be opened and closed indoors. When outdoor opening and closing is required, increase the casement fan
- This series with Bottom guide rail**
- Glass needs opening hole**

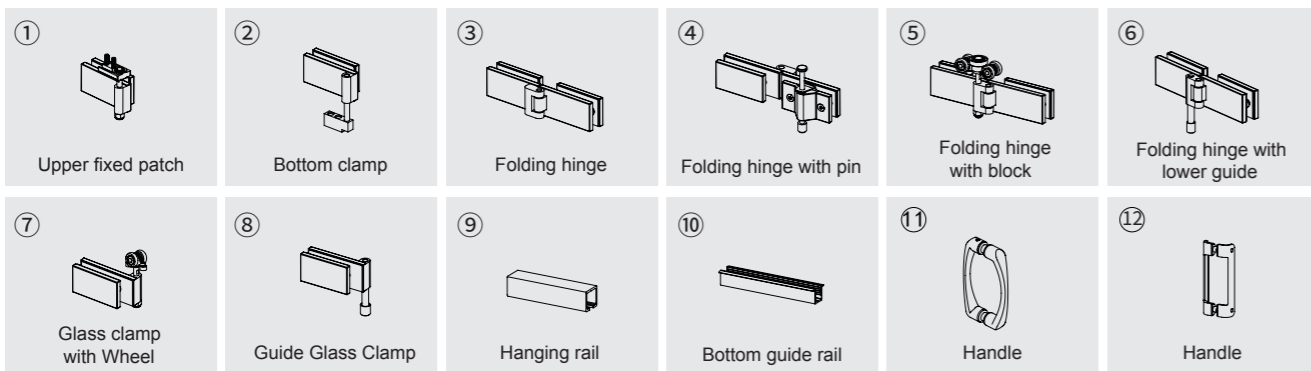
Technical Parameters

Applicable maximum door weight	60Kg
Applicable glass thickness	10~12 mm
Applicable door leaf width	600~800mm
Applicable door leaf height	≤2400mm

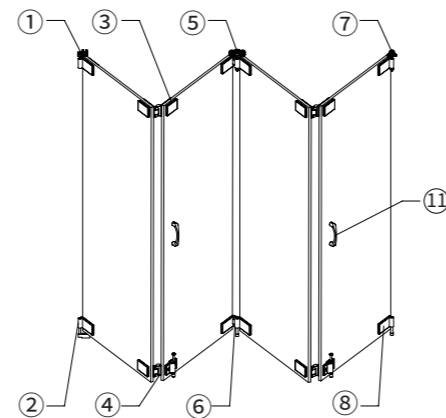
Main materials and surface treatment

Hanging rail	Aluminum alloy (anodized, silver white)
Bottom guide rail	Aluminum alloy (anodized, silver white)
Fixed patch	Aluminum alloy (anodized, silver white), 304 stainless steel (natural color)
Folding hinge	Aluminum alloy (anodized, silver white), 304 stainless steel (natural color)
Folding hinge with block	Aluminum alloy (anodized, silver white), 304 stainless steel (natural color)
Glass Clamp	Aluminum alloy (anodized, silver white), 304 stainless steel (natural color)
Pulley	Bearing GCR15 (natural color) + POM (white)

Accessory details



Configuration schematic

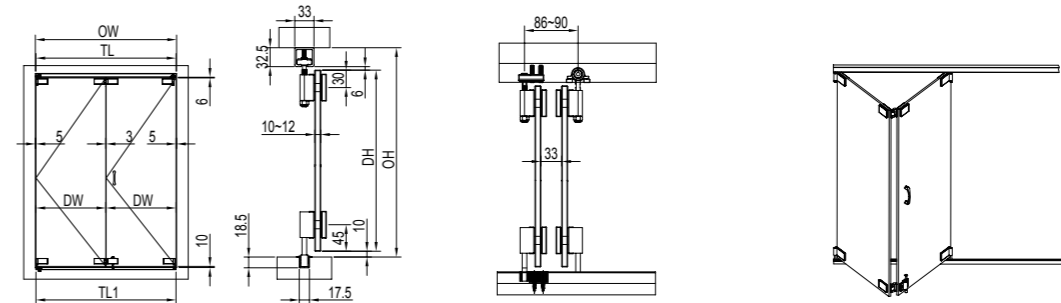


Option

Hanging rail	Model numberKZD11-01
ower guide rail	Model numberKZD24200-05
Concealed Handle	Model numberKLS45201、KLS45001

Schematic diagram of typical configuration types

One-way glass folding door



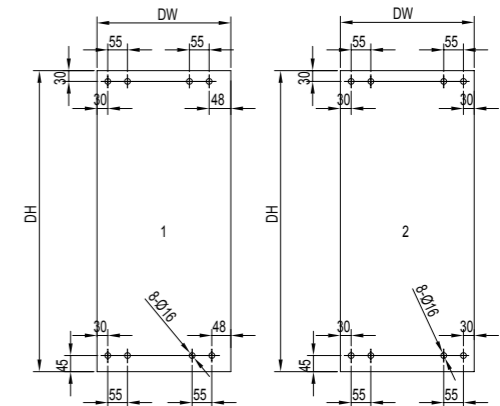
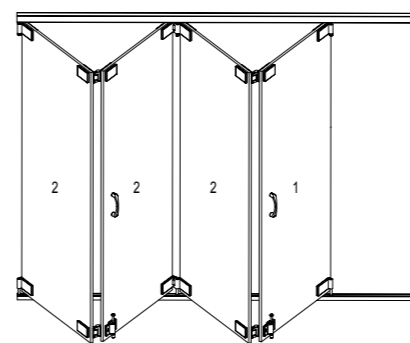
Product Model	KZD11200	KZD11400
Applicable door type	2 Sash one-way folding	4 Sash one-way folding
Schematic diagram		

Two-way glass folding door



Product Model	KZD11220	KZD11440
Applicable door type	4 Fan two-way folding	8 Fan two-way folding
Schematic diagram		

Drilling diagram for one-way/ two-way folding glass door



Dimension definition

Doorway Height	OH	Door sash width	DW
Doorway width	OW	Rail length	TL
Door sash height	DH	Bottom guide rail length	TL1

Calculation formula

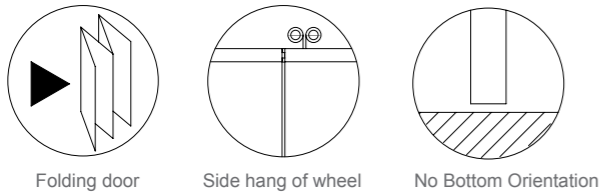
$$DH=OH-48.5$$

$$TL=TL1=OW-5$$

Glass folding door KZD21 series

Applicable door weight 80Kg

Sliding door function diagram



Functions&Characteristics

- Suitable for multiple one-way or two-way Glass folding doors
- Suitable for commercial and public areas
- Open the foldable door to the side against the wall, and close the extendable door as an indoor screen
- Good permeability and can bring excellent lighting effects
- Universal caster design, push and pull light, smooth and ultra quiet
- Pulley with high toughness, self-lubricating functions and mute vibration reduction
- Hinge through-shaft design to prevent hinges from falling off
- Hinge parts are made of 304 stainless steel for improved robustness and corrosion resistance
- Height adjustable ± 4 mm, eliminating some site tolerance **This series does not have a lower guide slot, so there is no need to make a slot in the ground**
- No openings hole required for glass**

Technical Parameters

Applicable maximum weight	80Kg
Applicable glass thickness	10、12 mm
Applicable door leaf width	600-800mm
Applicable door leaf height	≤ 2600 mm

Main materials and surface treatment

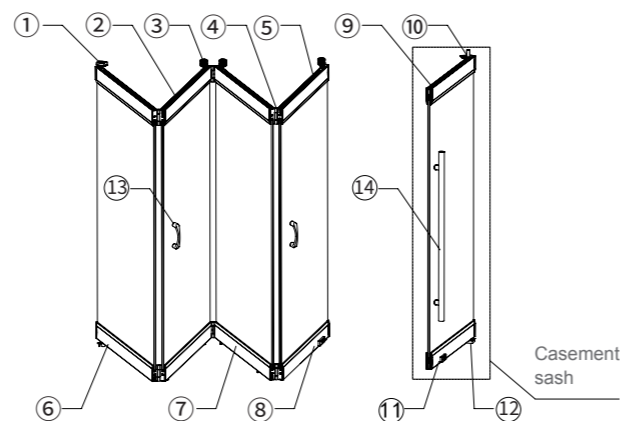
Hanging rail	Aluminum alloy (anodized, silver white)
Fixed seat	304 stainless steel (natural color)
Glass clamp	Aluminum alloy (anodized, silver white)
Universal wheel assembly	304 stainless steel (natural color)
Hinge	Stainless steel(Spray paint, black)
Pulley	Bearing GCr15 (natural color) + POM (white)

Option

Hanging rail	Model number KHD13150-01
Handle	Model number KLS45201、KLS45001 (SeeP249)
Floor Hinge	Optional, order separately



Main materials and surface treatment



Configuration instructions:

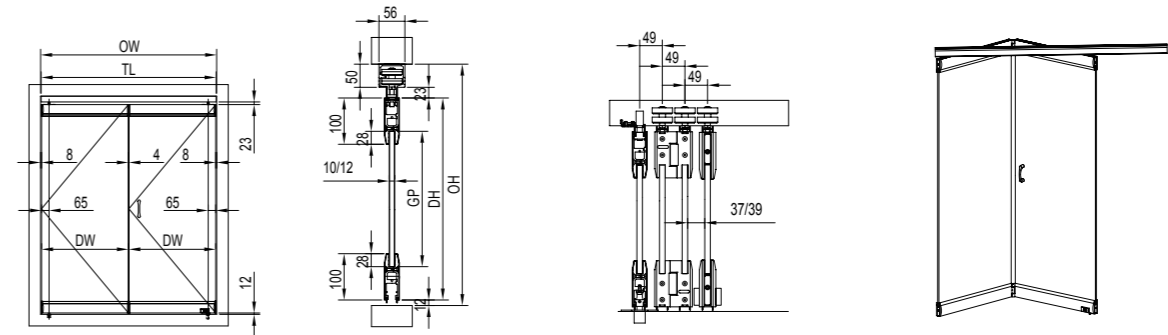
Casement sash is not included in the standard configuration. Casement sash accessories must be ordered separately

Detail of accessories

Item	Product Name	Item	Product Name
1	Fixed seat	9	Swing Upper hinge
2	Middle upper clamp	10	Fixed seat
3	Universal wheel assembly	11	Swing Bottom-patch with lock
4	Connecting Hinge	12	Floor Hinge
5	end clip	13	Concealed handles
6	lower clip	14	Stainless steel handle(Big)
7	Bottom middle clip	15	Hanging rail
8	Bottom clip with lock		

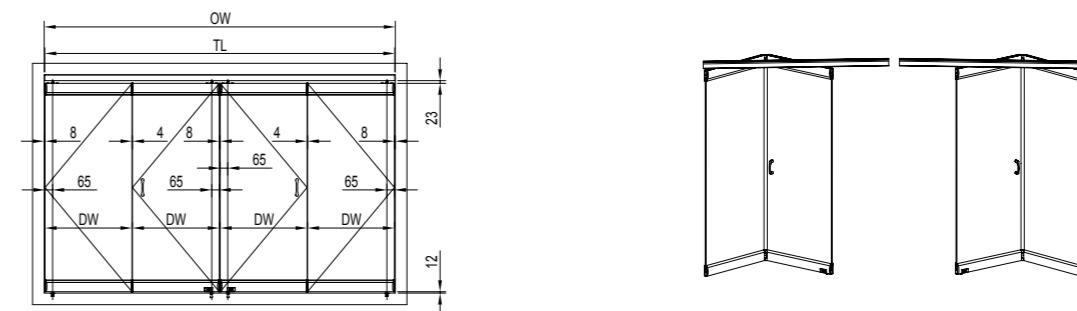
Schematic diagram of typical configuration types

One-way glass folding door



Product Model	KZD21200	KZD21400
Applicable door type	2 Sash one-way folding	4 Sash one-way folding
Schematic diagram		

Two-way wooden folding doors



Product Model	KZD21220	KZD21240
Applicable door type	4 Fan two-way folding	6 Fan two-way folding
Schematic diagram		

Dimension definition

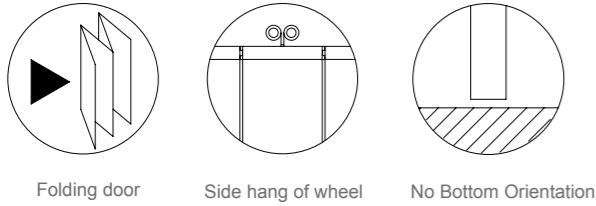
Door sash height	DH
Doorway height	OH
Door sash width	DW
Glass door height	GP
Doorway width	OW
Rail length	TL

Calculation formula

$$GP=OH-229$$

Glass folding door KZD22 series
Applicable door weight 80Kg

Sliding door function diagram



Functions&Characteristics

- Suitable for multiple one-way or two-way Glass folding doors
- Suitable for commercial and public areas
- Open the foldable door to the side against the wall, and close the extendable door as an indoor screen
- Good permeability and can bring excellent lighting effects
- Universal caster design, push and pull light, smooth and ultra quiet
- Pulley with high toughness, self-lubricating functions and mute vibration reduction
- Hinge through-shaft design to prevent hinges from falling off
- Hinge parts are made of 304 stainless steel for improved robustness and corrosion resistance
- Height adjustable ± 4 mm, eliminating some site tolerance
- This series does not have a lower guide slot, so there is no need to make a slot in the ground**
- No openings hole required for glass**

Technical Parameters

Applicable maximum weight	80Kg
Applicable glass thickness	10、12 mm
Applicable door leaf width	600~1000mm
Applicable door leaf height	≤ 3000 mm

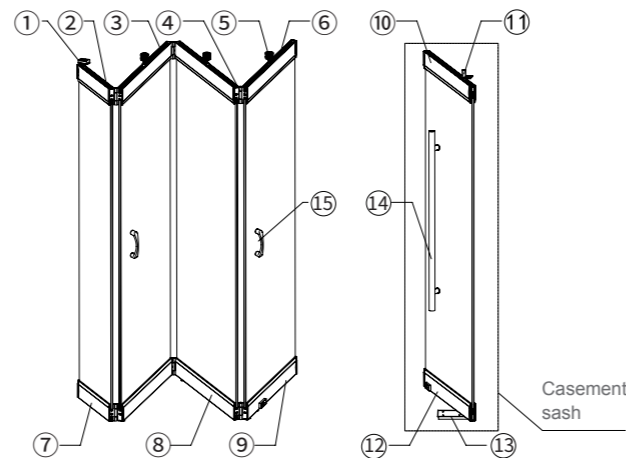
Main materials and surface treatment

Hanging rail	Aluminum alloy (anodized, silver white)
Fixed seat	304 stainless steel (natural color)
Glass clamp	Aluminum alloy (anodized, silver white)
Universal wheel assembly	304 stainless steel (natural color)
Hinge	Stainless steel(Spray paint, black)
Pulley	Bearing GCr15 (natural color) + POM (white)

Option

Hanging rail	Model number KHD13150-01
Handle	Model number KLS45201、KLS45001 (SeeP249)
Floor Hinge	Optional, order separately

Configuration schematic



Configuration instructions:

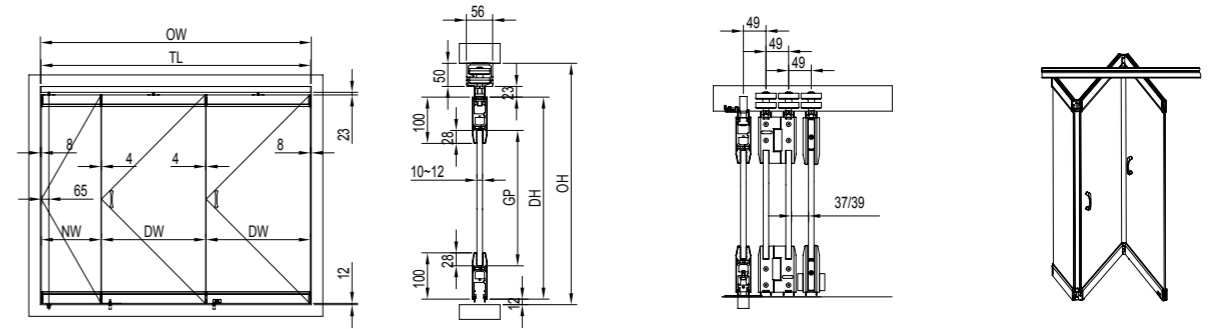
Casement sash is not included in the standard configuration. Casement sash accessories must be ordered separately

Detail of accessories

Item	Product Name	Item	Product Name
1	Fixed seat	9	Bottom clip with lock
2	Upper-Patch for Narrow door	10	Swing Upper hinge
3	Middle Upper-patch	11	Fixed seat
4	Connecting HInge	12	Bottom clip with lock
5	Universal wheel assembly	13	Floor Hinge
6	Upper clamp	14	Stainless steel handle(Big)
7	Bottom-Patch for Narrow Door	15	handle
8	middle lower clip	16	Hanging rail

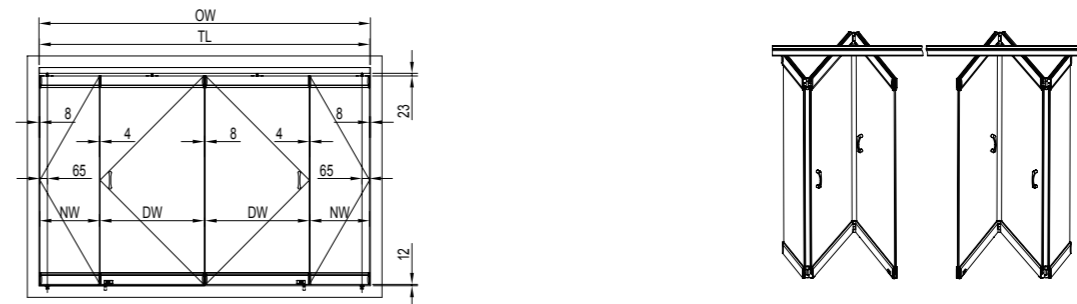
Schematic diagram of typical configuration types

One-way glass folding door



Product Model	KZD22200	KZD2230L/R	KZD2240L/R	KZD2250L/R	KZD2260L/R
Applicable door type	2Sash one-way folding	3Sash one-way folding	4Sash one-way folding	5Sash one-way folding	6Sash one-way folding
Schematic diagram					

Two-way wooden folding doors



Product Model	KZD22220	KZD22330	KZD22440	KZD22550	KZD22660
Applicable door type	4Fan two-way folding	6Fan two-way folding	8Fan two-way folding	10Fan two-way folding	12Fan two-way folding
Schematic diagram					

Dimension definition

Doorway height	OH	Doorway width	OW
Door sash height	DH	Door sash width	DW
Glass door height	GP	Narrow door leaf width	NW
Rail length	TL		

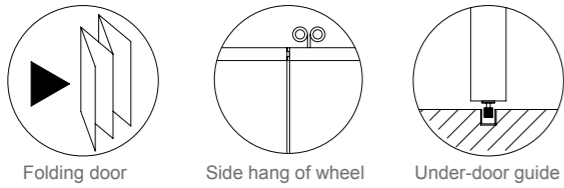
Calculation formula

$GP=OH-229$
 $NW=DW/2+65$

Glass folding door KZD24 series

Applicable door weight 80Kg

Sliding door function diagram



Functions&Characteristics

- Suitable for multiple one-way or two-way Glass folding doors
- Suitable for commercial and public areas
- Open the foldable door to the side against the wall, and close the extendable door as an indoor screen
- Parallel arc-shaped boss at the bottom of the hanging rail, which can be self-guided, self-cleaning and automatic compensation
- Bottom guide rail keeps door leaf stable in sliding and standing state
- Pulley with high toughness, self-lubricating functions and mute vibration reduction
- Hinge parts are made of 304 stainless steel for improved robustness and corrosion resistance
- Hinge through-shaft design to prevent hinges from falling off
- Height adjustable ± 4 mm, horizontal adjustable ± 4 mm, eliminating some site tolerance
- The patch is a short patch style, standard size, installed on the left and right sides of the door leaf.
- The size of the decorative cover can be customized according to the width of the door leaf, or it can be cut by the customer

Glass needs opening hole

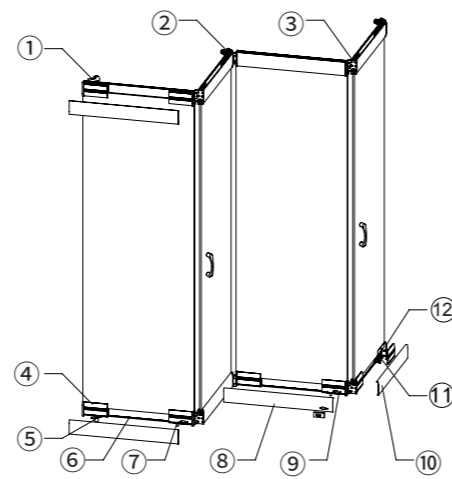
Technical Parameters

Applicable maximum door weight	80Kg
Applicable glass thickness	10、12 mm
Applicable door leaf width	600~900mm
Applicable door leaf height	≤ 2800 mm

Main materials and surface treatment

Hanging rail	Aluminum alloy (anodized, silver white)
Bottom guide rail	Aluminum alloy (anodized, silver white)
Hanging wheel assembly	Stainless steel (natural color)
Hinge assembly	Stainless steel (matt)
Glass clamps	Aluminum alloy (anodized, silver white)
Decorative cover	Aluminum alloy (anodized, silver white)
Lower guide assembly	Stainless steel (natural color)
End cover assembly	Stainless steel (matt)
Pulley	Bearing GCr15 (natural color) + POM (white)

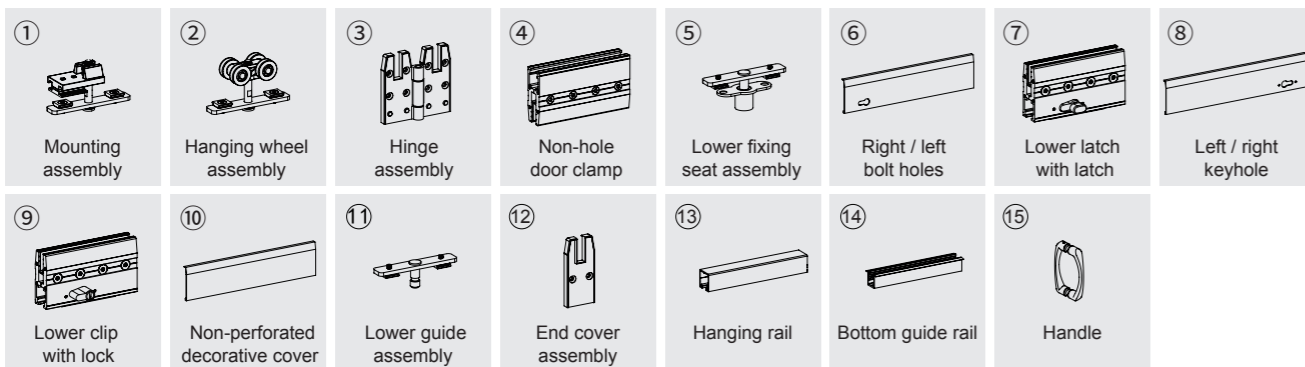
Configuration schematic



Option

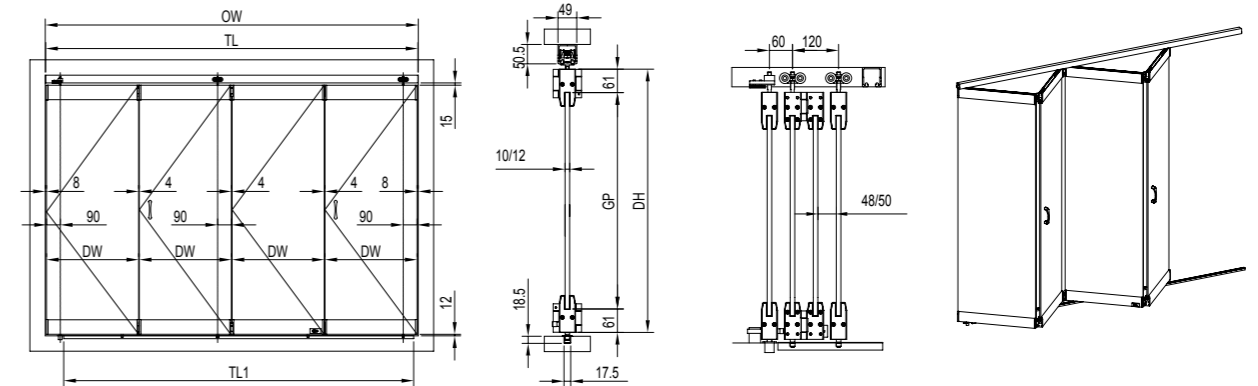
Hanging rail	Model number KZD24200-01
Bottom guide rail	Model number KZD24200-05
Handle	Model number KLS45201、KLS45001

Accessory details



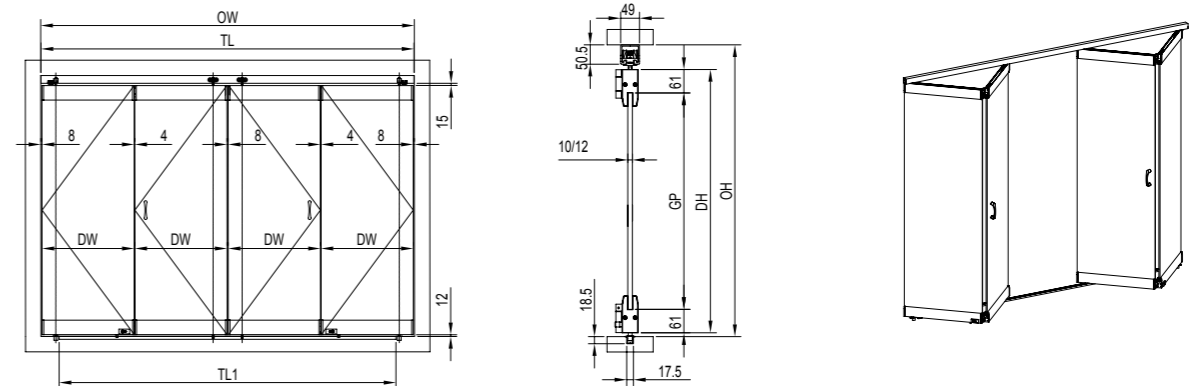
Schematic diagram of typical configuration types

One-way glass folding door



Product Model	KZD24200	KZD2440L/R	KZD2460L/R
Applicable door type	2Sash one-way folding	4Sash one-way folding	6Sash one-way folding
Schematic diagram			

Two-way wooden folding doors



Product Model	KZD24220	KZD2442L/R
Applicable door type	4Fan two-way folding	6Fan two-way folding
Schematic diagram		

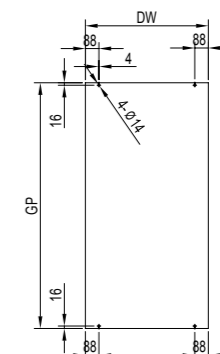
Dimension definition

Doorway height	OH
Doorway width	OW
Door sash height	DH
Wide door leaf width	DW
Glass door height	GP
Rail length	TL
Bottom guide rail length	TL1

Calculation formula

$GP = OH - 200$
$TL = OW - 5$
$TL1 \text{ (one-way opening)} = OW - 170$
$TL1 \text{ (two-way opening)} = OW - 340$

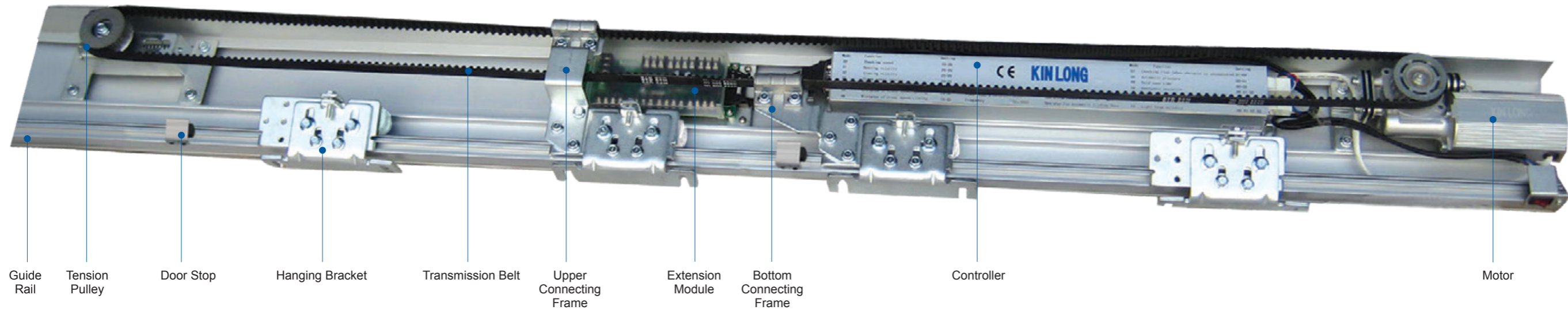
Opening diagram of glass



12

Intelligent door control system





KYD10530 Automatic door machine

Previous code ZD102

◆ Safety

High sensitivity and adjustable microwave sensor of X-Y axis, which can accurately detect moving objects and make corresponding actions.

The hanging bracket is equipped with anti-dropping function and anti-pinch function by safety light sensor, so it provides safety control.

◆ Multi-function

The modular design of automatic door not only makes the installation simple, but also facilitates the functional extension. It has backup power, door control, key lock, remote control, double door interlock, fire alarm, building intercom and other connection ports.

◆ High-performance

The advanced brushless DC motor and the reduction box are integrated into the design, and the intelligent HALL software is used to make the automatic door machine have self-learning function.

It can adjust the opening and closing position of the door leaf according to the weight of door leaf or the moving impedance.

The unique design of the door stopper with the silent guide rail has solved the noise problem perfectly when the door machine running, it makes the door leaf operate more smooth and stable.

Using a handheld programmer, the operation parameters can be adjusted flexibly.

☆ Notes

Automatic door machine's standard configuration meets the usage of framed door, when used in glass door it must be ordered of short patch or long patch.

Standard guide rail length is 4200mm, 6000mm (standard shipment is 2 pcs of 3000mm), please specify when order. For multiple functions, please order accessories by extra order.

When the automatic door drive implements a variety of function, you need to order additional parts.

When installing automatic door machine, it is necessary to set aside access for maintenance

When installing safety light sensor, microwave sensor, please avoid contacting with rain and direct sunlight.

This automatic door machine's operation speed, distance, time and other parameters have been adjusted before leaving the factory; please use the handheld programmer when you have special needs.

Door Leaf Reference	
Singel Sliding Door	
Net Open Width	700 ~ 1500mm
Maximum Door Weight	150Kg*1
Double Sliding Door	
Net Open Width	1300 ~ 2700mm
Maximum Door Weight	150Kg*2

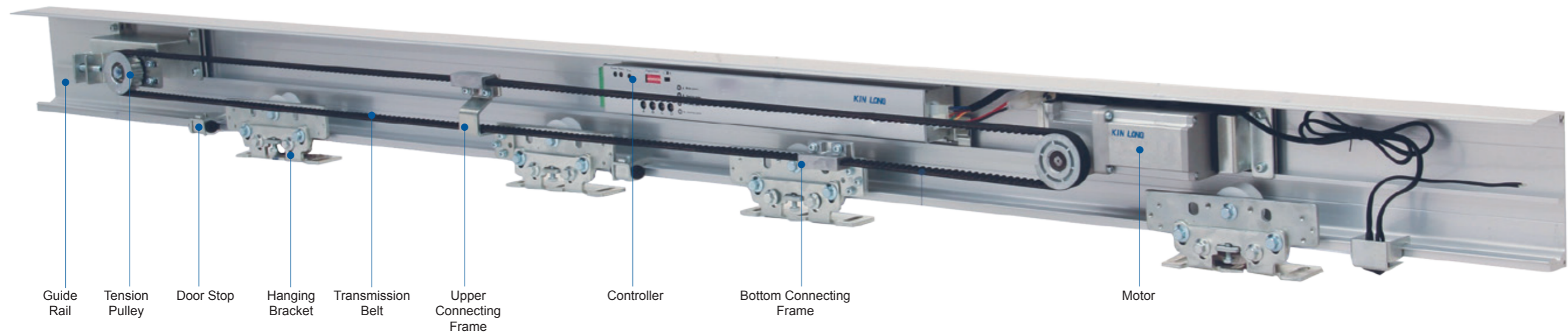
Additional Device (Multi-function Extension)	
Safety light sensor	●
Microwave sensor	●
Control switch	○
Integration Access Control System	○
Remote Control	○
Backup Power	○

●Standard ○Matching

Note: The standard controller model is ZD102-02
Standard microwave sensor model is ZD102-04
Standard expansion module model is ZD102-14

Technical Parameters	
Motor	DC24V 60W(Brushless)
Drive Mode	Gear + Notched Belt150S8M
Power Voltage	AC110V ~ 250V
Frequency	50 ~ 60Hz
Opening Speed	≤500mm/s
Closing Speed	≤350mm/s (Single leaf) ≤300mm/s (Double leaves)
Amble Speed	30 ~ 100mm/s
Opening Time	0 ~ 9s(Adjustable)
Closing Force	≤300N
Hand Push Force	<100N
Noise	≤60dB
Working Environment Temperature	-20~+50°C
Switchboard Consumption Power	75W
Working Lifetime	>500,000次
Induction Height	≤3200mm

Note: The height of the sensor can be 4m (KYD34830-14) or 6m (KYD34830-15).
The microwave sensor must be ordered separately.



KYD20430 Automatic door Drive System

Previous code ZD202

◆ Safety

High sensitivity and adjustable microwave sensor of X-Y axis, which can accurately detect moving objects and make corresponding actions. The hanging bracket is equipped with anti-dropping function and anti-pinch function by safety light sensor, so it provides safety control.

◆ High-performance

The advanced brushless DC motor and the reduction box are integrated into the design, and the intelligent HALL software is used to make the automatic door machine have self-learning function.

It can adjust the opening and closing position of the door leaf according to the weight of door leaf or the moving impedance.

The unique design of the door stopper with the silent guide rail has solved the noise problem perfectly when the door machine running, it makes the door leaf operate more smooth and stable.

Using a handheld programmer, the operation parameters can be adjusted flexibly.

☆ Notes

Automatic door machine's standard configuration meets the usage of framed door, when used in glass door it must be ordered of short patch or long patch.

Standard guide rail length is 4200mm, 6000mm (standard shipment is 2 pcs of 3000mm), please specify when order.

For multiple functions, please order accessories by extra order.

When installing automatic door machine, it is necessary to set aside access for maintenance

When installing safety light sensor, microwave sensor, please avoid contacting with rain and direct sunlight.

This automatic door machine's operation speed, distance, time and other parameters have been adjusted before leaving the factory; please use the handheld programmer when you have special needs.

Door Leaf Reference

Singel Sliding Door	
Net Open Width	700 ~ 1500mm
Maximum Door Weight	120Kg*1
Double Sliding Door	
Net Open Width	1300 ~ 2700mm
Maximum Door Weight	120Kg*2

Additional Device

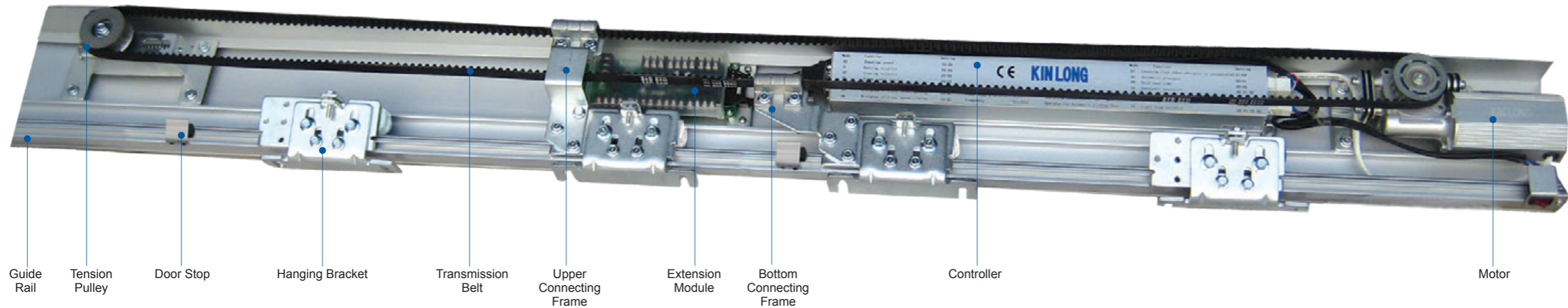
Safety light sensor	●
Microwave sensor	●
●Standard	

Note: The standard controller model is ZD202-02
Standard microwave sensor model is ZD202-01

Technical Parameters

Motor	DC24V 60W(Brushless)
Drive Mode	Gear + Notched Belt150S8M
Power Voltage	AC110V ~ 250V
Frequency	50 ~ 60Hz
Opening Speed	≤ 500mm/s
Closing Speed	≤ 350mm/s (Single leaf) ≤ 300mm/s (Double leaves)
Amble Speed	30 ~ 100mm/s
Opening Time	0 ~ 15s(Adjustable)
Closing Force	≤ 250N
Hand Push Force	<100N
Noise	≤ 50dB
Working Environment Temperature	-20~+50°C
Switchboard Consumption Power	75W
Switchboard Consumption Power	>500,000次
Induction Height	≤ 3000mm

Note: The height of the sensor can be 4m (KYD34830-14) or 6m (KYD34830-15).
The microwave sensor must be ordered separately.



KYD34830 Automatic door drive system

◆ Safety

High sensitivity and adjustable microwave sensor of X-Y axis, which can accurately detect moving objects and make corresponding actions.
The hanging bracket is equipped with anti-dropping function and anti-pinch function by safety light sensor, so it provides safety control.

◆ Multi-function

The modular design of automatic door not only makes the installation simple, but also facilitates the functional extension. It has backup power, door control, key lock, remote control, double door interlock, fire alarm, building intercom and other connection ports.

◆ High-performance

The advanced brushless DC motor and the reduction box are integrated into the design, and the intelligent HALL software is used to make the automatic door machine have self-learning function.
It can adjust the opening and closing position of the door leaf according to the weight of door leaf or the moving impedance.
The unique design of the door stopper with the silent guide rail has solved the noise problem perfectly when the door machine running, it makes the door leaf operate more smooth and stable.
Using a handheld programmer, the operation parameters can be adjusted flexibly.

☆ Notes

Automatic door machine's standard configuration meets the usage of framed door, when used in glass door it must be ordered of short patch or long patch.
Standard guide rail length is 4200mm, 6000mm (standard shipment is 2 pcs of 3000mm), please specify when order.
For multiple functions, please order accessories by extra order.
When the automatic door drive implements a variety of function, you need to order additional parts.
When installing automatic door machine, it is necessary to set aside access for maintenance.
When installing safety light sensor, microwave sensor, please avoid contacting with rain and direct sunlight.
This automatic door machine's operation speed, distance, time and other parameters have been adjusted before leaving the factory; please use the handheld programmer when you have special needs.

Door Leaf Reference	
Single sliding door	
Net Open Width	800 ~ 2000mm
Maximum Door Weight	260Kg*1
Double Sliding Door	
Net Open Width	1600 ~ 3000mm
Maximum Door Weight	260Kg*2
Additional Device	
Safety light sensor	●
Microwave sensor	●
Control switch	○
Access control machine series	○
Remote control	○
Backup power	○

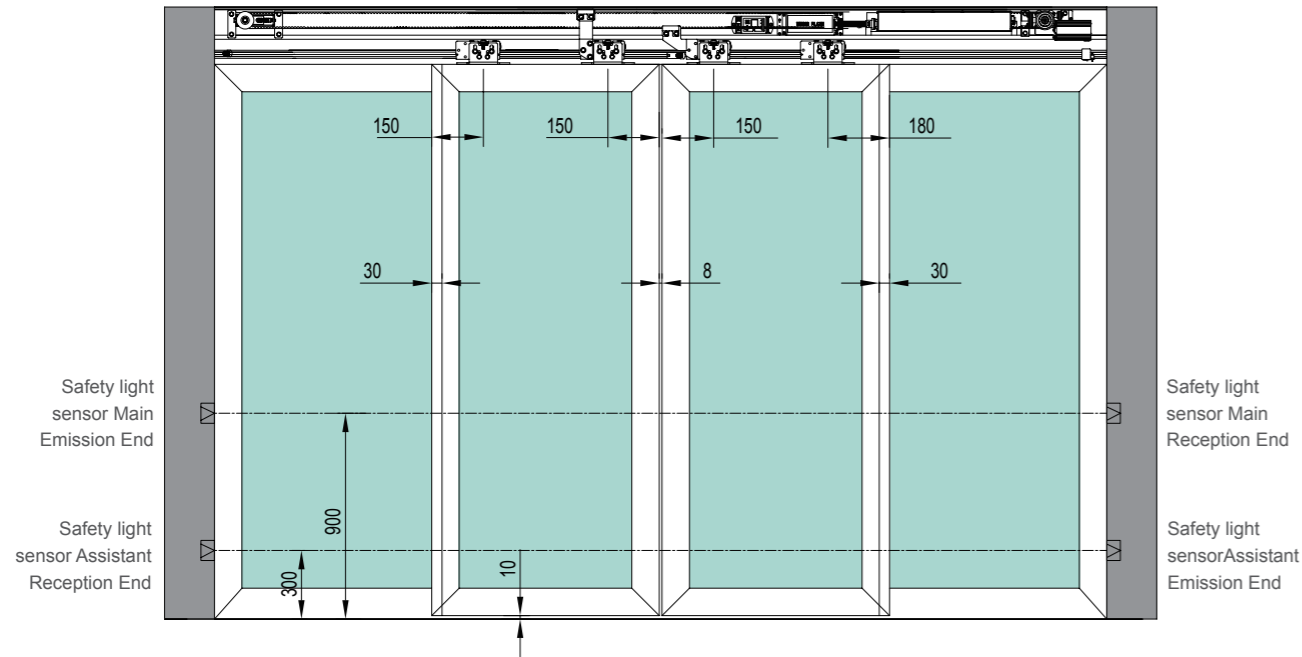
●Standard ○Matching

Note: Standard Controller Model Kyd34830-09
Standard-issue ZD102-04 microwave sensor
Standard Extension ZD102-14

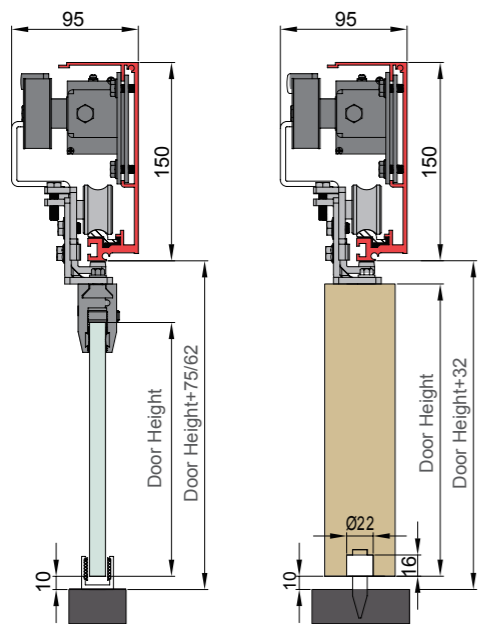
Technical Parameters	
Motor	DC24V 80W(Brushless)
Drive Mode	Gear + Notched Belt150S8M
Power Voltage	AC110V ~ 250V
Frequency	50 ~ 60Hz
Opening Speed	≤500mm/s
Closing Speed	≤350mm/s (Single leaf) ≤300mm/s (Single leaf)
Amble Speed	30 ~ 100mm/s
Opening Time	0 ~ 9s(Adjustable)
Closing Force	≤300N
Hand Push Force	<150N
Noise	≤60dB
Working Environment Temperature	-20~+50°C
Switchboard Consumption Power	95W
Working Lifetime	>300,000次
Induction Height	≤3200mm

Note: The height of the sensor can be 4m (KYD34830-14) or 6m (KYD34830-15).
The microwave sensor must be ordered separately.

Installation diagram



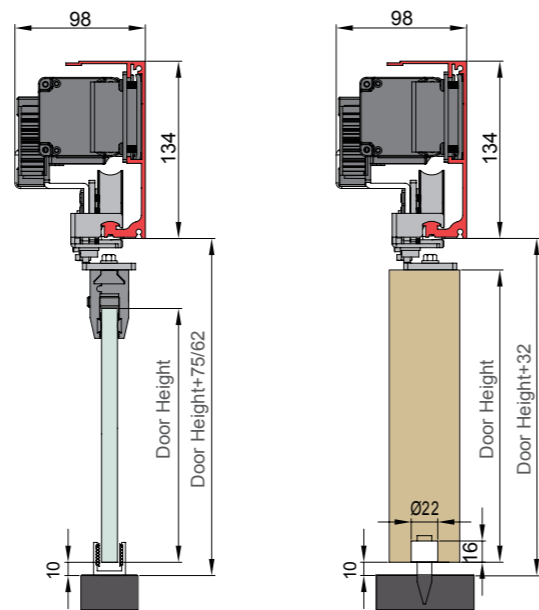
KYD10530 / KYD34830 Sectional view



Applicable to glass doors

Applicable to profile doors

KYD20430 Sectional view



Applicable to glass doors

Applicable to profile doors

Special accessories for automatic door machine

KYD10511 Long clip

Previous code ZD1021



Main material	Aluminum alloy
Surface treatment	Silver gray
Glass thickness	10~12mm
Standard length	1000mm
Recommended bearing	≤150Kg
Applicable automatic door machine model	KYD10530/KYD20430/KYD34830
Features	There is no need for drilling on installation location about long clamp.

KYD10512 Short clip

Previous code ZD1022



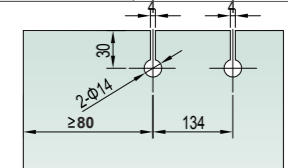
Main material	Aluminum alloy
Surface treatment	silver white
Glass thickness	10~12mm
Recommended bearing	≤100Kg
Applicable automatic door machine model	KYD10530/KYD20430/KYD34830
Features	There is no need for drilling on installation location about short clamp.

KYD10513 Short clip

Previous code ZD1032



Main material	Aluminum alloy
Surface treatment	Silver gray
Glass thickness	15-17.52mm
Recommended bearing	≤260Kg
Applicable automatic door machine model	KYD10530/KYD20430/KYD34830



KYD10514 Land wheel



Main material	High quality carbon steel
Surface treatment	Silver gray
Applicable door type	Glass door
Glass thickness	10~20mm
Applicable automatic door machine model	KYD10530/KYD20430/KYD34830
Features	Adjust according to the thickness of the door sash

KYD10515 Land Wheel



Main material	High quality carbon steel
Surface treatment	Silver gray
Applicable door type	Profile door
Glass thickness	30~60mm
Applicable automatic door machine model	KYD10530/KYD20430/KYD34830
Features	Adjust according to the thickness of the door sash

Special accessories for automatic door machine

KYD10516 Backup power



Types	Rechargeable lead-acid battery
Capacity	24V/5.6AH
Power supply time	Can be powered normally for 2h
Applicable automatic door machine model	KYD10530/KYD34830
Standard fitting	1 Charger and 1 set of rechargeable lead-acid batteries

KDK11010 Control switch

Previous code KG09



Main material	ABS
Appearance dimension	90*90*8 (Panel) 、 86*86*40 (Bottom box)
Function	With automatic, half-open, full open, lock door function
Function switches	Just turn the key
Applicable automatic door machine model	KYD10530/KYD34830
Optional form	You can order the KDK11010 control switch or KDK81010 remote control

KDK81010 Remote control

Previous code YK04

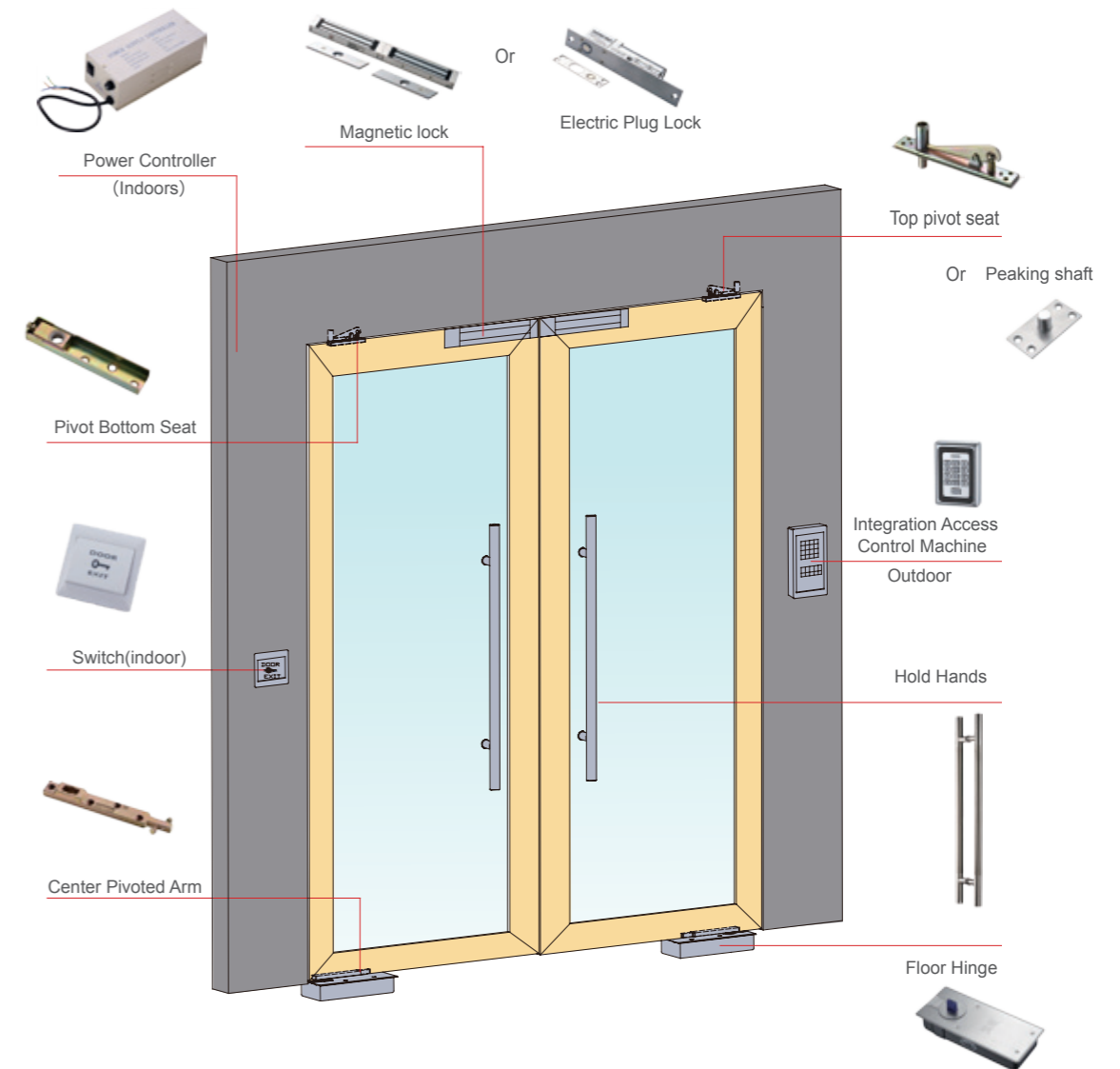


Remote Distance	≤15m
Function	With automatic, half-open, full open, lock door function
Function switches	Press the corresponding button
Applicable automatic door machine model	KYD10530/KYD34830
Features	Once the power is out of power, the automatic door will return to full lock
Optional form	KDK11010 control switch and KDK81010 remote control, one of two options

KYD34830-14 Microwave sensor



Main material	ABS
Surface treatment	Black
Technical principle	Microwave Doppler radar
Transmission frequency	24.15GHz
Transmit power	<5 mW /cm ²
Sensing distance	4000mm
Working voltage	AC/DC 12V-24V
Detection mode	Movement
Applicable automatic door machine model	KYD10530/KYD20430/KYD34830



Magnetic lock series

Technical parameter

Applicable door type: wooden door, metal door, frameless glass door (additional support is required) and other door types

Open Mode: one-way flat opening

Surface Treatment: Anodic oxidation

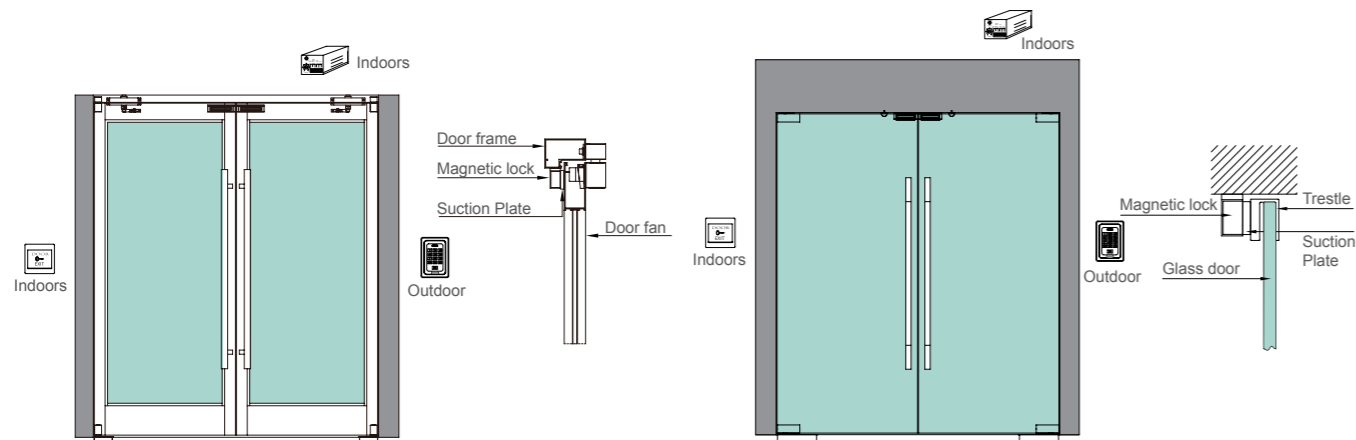
Features: With ultra-low temperature, power-saving design

Pure copper coil

Special soft magnetic material

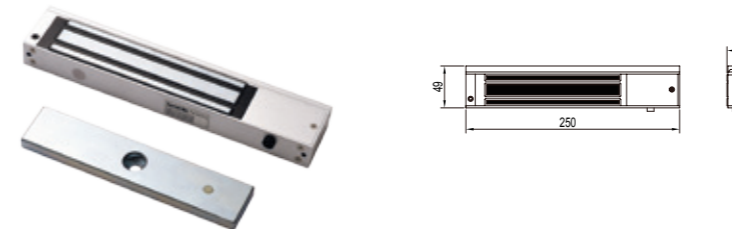
Functional stability

Installation diagram



KDS11010 Single door magnetic lock

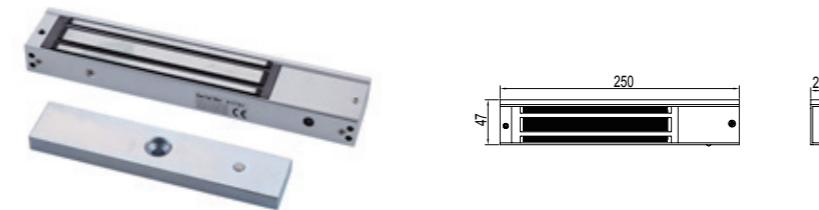
Previous code CSL281



Technical parameter

Suction force	200Kg (440Lbs)
Security type	Cut The power, unlock the door
Input Voltage / operating current	DC12V/500mA DC24V/250mA
Lock status output	√
Voltage error range	±15%
LEDIndication	√
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable door thickness	≤50mm
Applicable bracket	KDF10020/KDF10050

KDS11020 Single door magnetic lock (New)



Technical parameter

Suction force	180Kg (400 Lbs)
Security type	Cut the power, unlock the door
Input Voltage / Operating current	DC12V/450mA DC24V/240mA
Lock status output	--
Voltage error range	±15%
LED Indication	√
Ambient temperature	-25°C-55°C
Relative humidity	No more than 85%
Applicable door thickness	≤50mm
Applicable bracket	KDF10020

KDS10010 Single door magnetic lock

Previous code CS181

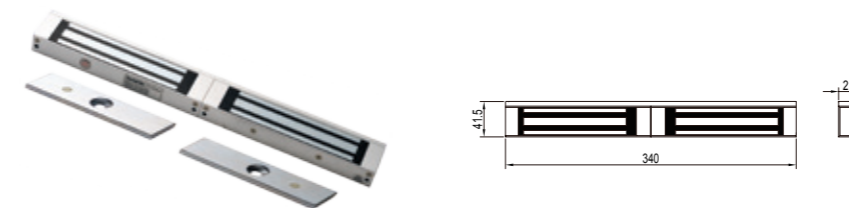


Technical parameter

Suction Force	140Kg (310Lbs)
Security type	Cut The power, unlock the door
Input Voltage / operating current	DC12V/300mA DC24V/150mA
Lock status output	--
Voltage error range	±15%
LEDIndication	--
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable door thickness	≤45mm
Applicable bracket	KDF10010/KDF10040

KDS12010 Double door magnetic lock

Previous code CS182



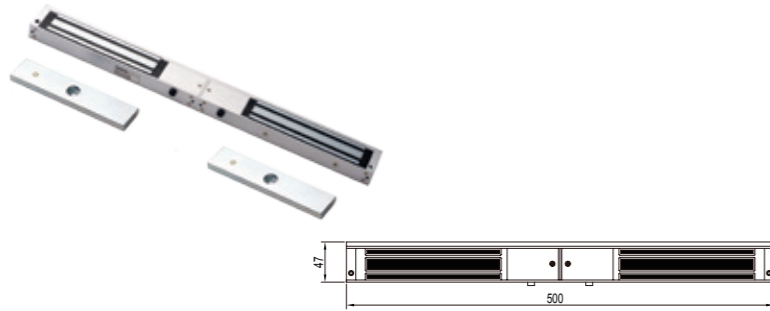
Technical parameter

Suction force	140Kg*2 (310Lbs*2)
Security type	Cut the power, unlock the door
Input Voltage / Operating current	DC12V/300mA DC24V/150mA
Lock status output	--
Voltage error range	±15%
LED Indication	--
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable door thickness	≤45mm
Applicable bracket	KDF10010/KDF10040

Magnetic lock series

KDS13010 Double door magnetic lock

Previous code CSL282

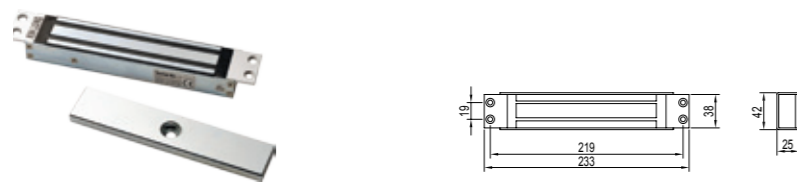


Technical parameter

Suction force	200Kg*2 (440Lbs*2)
Security type	Cut the power, unlock the door
Input voltage / operating current	DC12V/500mA DC24V/250mA
Lock status output	√
Voltage error range	±15%
LED Indication	√
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable door thickness	≤50mm
Applicable bracket	KDF10020/KDF10050

KDS14010 Single door magnetic lock (Concealed type)

Previous code CSM281

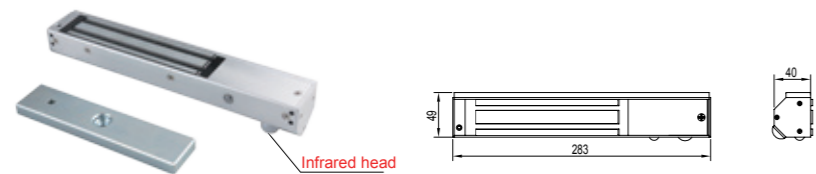


Technical parameter

Suction force	200Kg (440Lbs)
Security type	Cut the power, unlock the door
Input Voltage / operating current	DC12V/500mA DC24V/250mA
Lock status output	√
Voltage error range	±15%
LED Indication	√
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable door thickness	≤50mm
Applicable bracket	KDF10020

Note: To install the lock body, the door frame should be slotted

KDS20010 Single door magnetic lock



Technical parameter

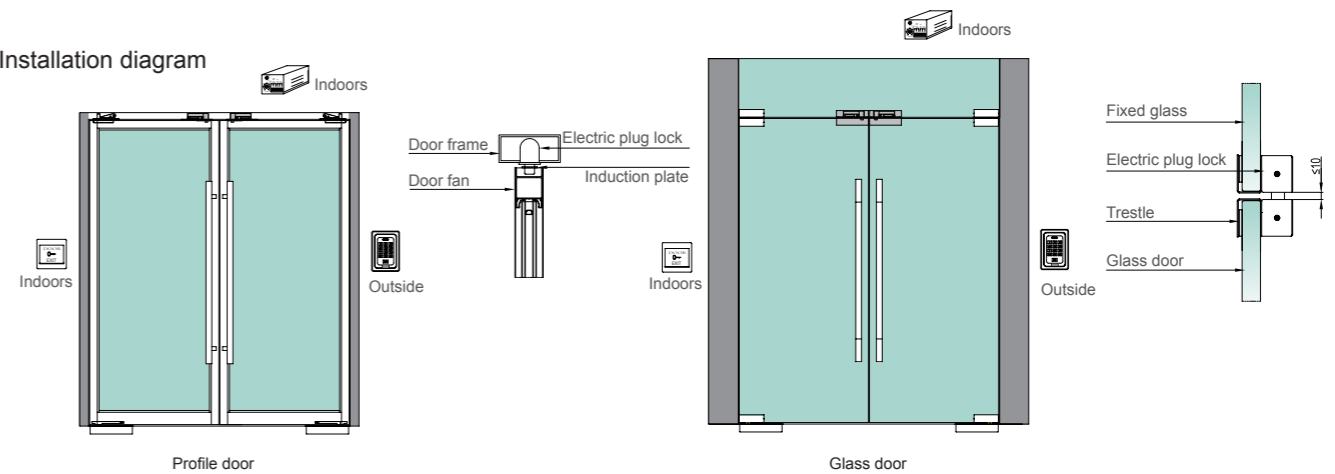
Suction force	200KG (520Lbs)
Safety type	Power off and unlocked
Input voltage/Working current	DC12V/520mA DC24V/260mA
Lock state signal output	√
Voltage error range	±15%
LED Indication	Locks red light and unlock green light unlocks
Environment temperature	-25°C~55°C
Relative humidity	≤85%
Applicable door thickness	≤50mm
Applicable bracket	KDF10020
Features	Infrared sensor unlock without configuration switch Induction height 3m

Electric plug lock series

Technical parameter

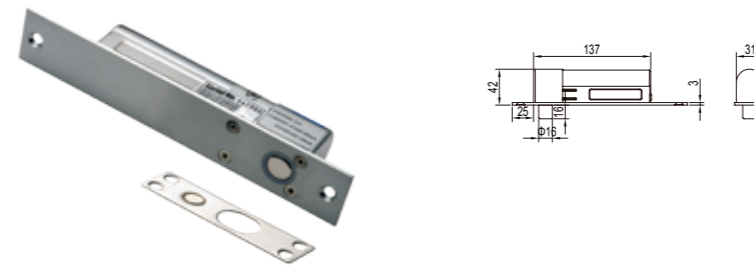
Applicable door type: wooden door, metal door, frameless glass door (additional support is required) and other door types
 Open Mode: two-way flat opening
 Surface Treatment: ANODIC oxidation
 Features: With ultra-low temperature, power-saving design
 Pure copper coil
 Special soft magnetic material
 Functional stability

Installation diagram



KDC10010 Electric plug lock

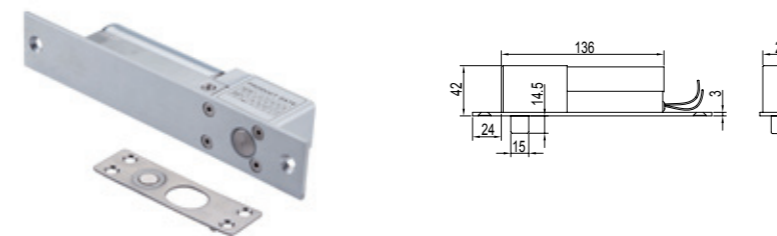
Previous code DCS101



Technical parameter

Security type	Cut the power, unlock the door
Input voltage / Operating current	DC12V/100mA
Starting current	900mA
Lock status output	--
Delay lock	--
LED Power indication	--
Voltage error range	±15%
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable bracket	KDF11010/KDF11020/KDF11030

KDC10020 Electric plug lock (New)

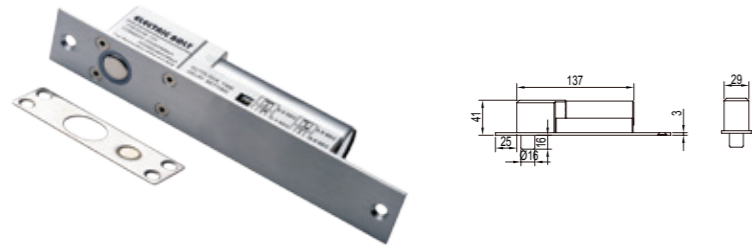


Technical parameter

Security type	Cut the power, unlock the door
Input voltage / Operating current	DC12V/120mA
Starting current	820mA
Lock status output	--
Delay lock	--
LED Power indication	--
Voltage error range	±15%
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable bracket	KDF11020

KDC10030 Electric plug lock

Previous code DCS201



Technical parameter

Security type	Cut the power, unlock the door
Input Voltage / Operating current	DC12V/150mA DC24V/90mA
Starting current	900mA/700mA
Lock status output	--
Delay lock	√
LED Power indication	--
Voltage error range	±15%
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable bracket	KDF11010/KDF11020/ KDF11030

KDC11010 Electric plug lock

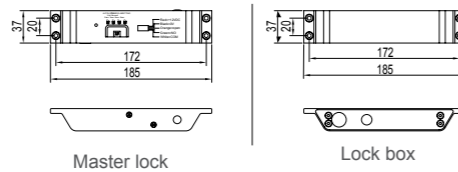
Previous code DCS202



Technical parameter

Security type	Cut the power, unlock the door
Input Voltage / Operating current	DC12V/130mA
Starting current	880mA
Lock status output	√
Delay lock	√
LED Power indication	√
Voltage error range	±15%
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable bracket	--

KDC13010 Electric plug lock



Technical parameter

Security type	Cut the power, unlock the door
Input Voltage / Operating current	DC12V/180mA
Starting current	960mA
Lock status output	√
Delay lock	√
LED Power indication	Red light locked, green light unlocked
Voltage error range	±15%
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable bracket	--

KDC20010 Electric plug lock

Previous code DCS301

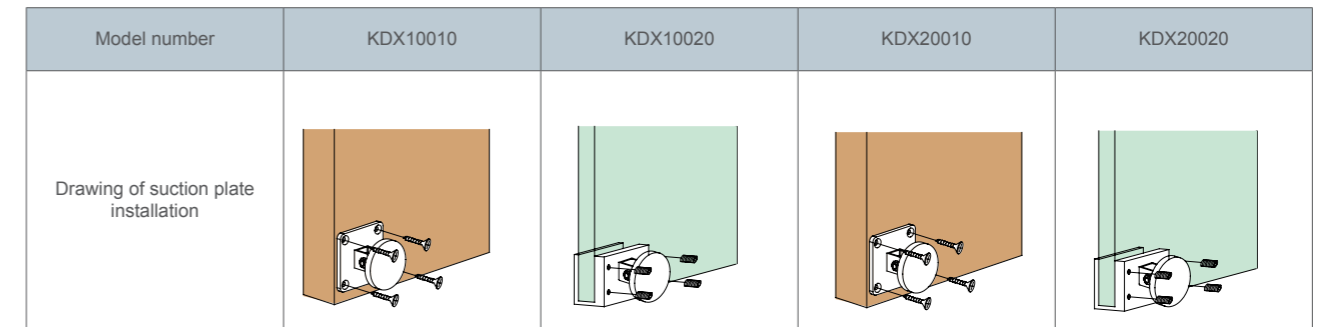


Technical parameter

Security type	Power cut, lock
Input Voltage / Operating current	DC12V/150mA
Starting current	950mA
Lock status output	√
Delay lock	√
LED Power indication	√
Voltage error range	±15%
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Applicable bracket	--

Electromagnetic gate series

Installation diagram



Note: KDX10 series main body can be installed on wall and floor, KDX20 series is only suitable for floor installation

KDX10010 Electromagnetic gate suction

Previous code MX31

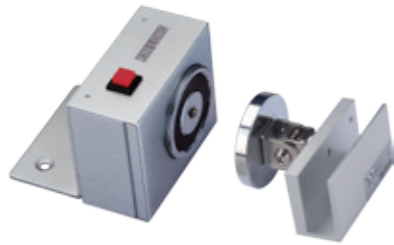


Technical parameter

Security type	Power off release
Input voltage / Operating current	DC12V/150mA DC24V/80mA
Suction force	23Kg(50Lbs)
Manual release	√
LEDIndication	--
Voltage error range	±15%
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Body size	118*93*110
Applicable gate	Wooden doors, framed doors
Applicable door thickness	≥20mm

KDX10020 Electromagnetic gate suction

Previous code MX32A



Technical parameter

Security type	Power cut release
Input Voltage / Operating current	DC12V/150mA DC24V/80mA
Suction force	23Kg(50Lbs)
Manual release	√
LED Indication	--
Voltage error range	±15%
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Body size	85*88*71
Applicable gate	Frameless glass door
Suitable glass thickness	12~15mm, 19mm

KDX20010 Electromagnetic gate suction

Previous code MX41

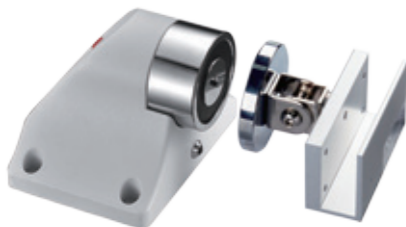


Technical parameter

Security type	Power cut release
Input Voltage / Operating current	DC12V/150mA DC24V/80mA
Suction force	23Kg(50Lbs)
Manual release	√
LED Indication	√
Voltage error range	±15%
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Body size	110*80*83
Applicable gate	Wooden doors, framed doors
Applicable door thickness	≥20mm

KDX20020 Electromagnetic gate suction

Previous code MX42



Technical parameter

Security type	Power cut release
Input Voltage / Operating current	DC12V/150mA DC24V/80mA
Suction force	23Kg(50Lbs)
Manual release	√
LED Indication	√
Voltage error range	±15%
Ambient temperature	-25°C~55°C
Relative humidity	No more than 85%
Body size	110*80*83
Applicable gate	Frameless glass door
Suitable glass thickness	12~15mm, 19mm

The series of all-in-one access control machine

KDM12010 Door access assembly set



Technical parameter

User capacity	8000	Input voltage	DC12V
Contour dimension	120*80*24	Operating temperature	-20~55°C
Swipe the card. Open the door	√	Main material of Shell	Zinc alloy
The code. Open the door	√ (Mechanical key)	Button backlight	Blue
Card + Password open	√	Card reader type	ID/IC Optional
Language	--	Color	Silver

Note: The order must indicate the type of card read

KDM21010 Door access assembly set



Technical parameter

User capacity	8000	Input voltage	DC12V
Contour dimension	135*46*18	Operating temperature	-20~55°C
Swipe the card. Open the door	√	Main material of shell	Zinc alloy + acrylic
The code. Open the door	√ (Touch the button)	Button backlight	Green
Card + Password open	√	Card reader type	ID/IC Optional
Language	--	Color	Silver

Note: The order must indicate the type of card read

Note: Note: When the door guard machine extends the door bell, the door bell needs to be connected externally, and the door bell is purchased by the customer

No induction card, can be ordered according to the actual demand
No Internet connection

Sensing card

KDM12010-01 ID card



Technical parameter

Main material	PVC
Operating frequency	125KHz
Read-write distance	0-10cm
Data storage	10Year
Ambient temperature	-20°C~+50°C
Contour dimension	86*54*1mm

KDM12010-02 IC card

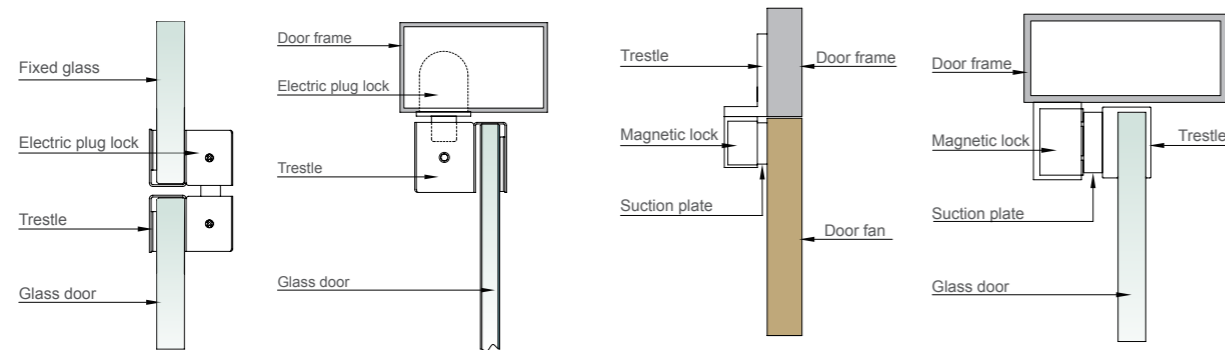


Technical parameter

Main material	PVC
Operating frequency	13.56MHz
Read-write distance	0-10cm
Data storage	10Year
Ambient temperature	-20°C~+50°C
Contour dimension	86*54*1mm

Auxiliary accessory series

Installation diagram



KDF10010 Trestle

Previous code ZJ22



Technical parameter

Contour dimension	130*41*28
Applicable magnetic lock	KDS10010/KDS12010
Glass thickness	10~<15mm
Applicable gate	Frameless Glass Door
Mounting position	Magnetic latching plate

KDF10020 Trestle

Previous code ZJ23



Technical parameter

Contour dimension	180*41*28
Applicable magnetic lock	KDS11010/KDS13010/KDS20010
Glass thickness	10~<15mm
Applicable gate	Frameless glass door
Mounting position	Magnetic latching plate

KDF10040 Trestle

Previous code ZJ12



Technical parameter

Contour dimension	170*25*40
Applicable magnetic lock	KDS10010/KDS12010
Glass thickness	--
Applicable gate	Wooden Doors, metal doors, framed glass doors
Mounting position	Magnetic lock

KDF10050 Trestle

Previous code ZJ13



Technical parameter

Contour dimension	250*47*28.5
Applicable magnetic lock	KDS11010/KDS13010
Glass thickness	--
Applicable gate	Wooden Doors, metal doors, framed glass doors
Mounting position	Magnetic lock

KDF11010 Trestle

Previous code ZJ01



Technical parameter

Contour dimension	210*59*45
Suitable electric plug lock	KDC10010/KDC10030
Glass thickness	10~15mm
Applicable gate	Frameless glass door fan and top fixed glass
Mounting position	Electric Lock Body

KDF11020 Trestle

Previous code ZJ02



Technical parameter

Contour dimension	210*59*45
Suitable electric plug lock	KDC10010/KDC10030
Glass thickness	10~15mm
Applicable gate	Frameless glass door fan and top fixed glass
Mounting position	Electric plug-lock Induction Board

KDF11030 Trestle

Previous code ZJ04



Technical parameter

Contour dimension	94*49*38
Suitable electric plug lock	KDC10010/KDC10030
Glass thickness	10~15mm
Applicable gate	Frameless glass door
Mounting position	Electric plug-lock Induction Board

Auxiliary Accessory Series

KDF20010 Power controller

Previous code PCS01



Technical parameter

Boundary dimension	180*80*63
Input voltage	AC200~240V/50Hz
Output power	DC3~18V/3A
Access control connects point	√
Electric lock connected point	√
Button connected point	√
Delay function	0~30s
Output short-circuit protection	√
Battery storage function	--

Note: a power controller can be connected to 6 magnet doors or 2 electric locks

KDF20020 Power controller



Technical parameter

Contour dimension	129*110*45
Input voltage	AC100V-240V 50/60Hz
Output voltage / current	DC13.5V/3A
Access contact	√
Electric lock contact	√
Button contact	√
Delay function	0~30s
Output short circuit protection	√
Electric storage function	√
Battery specification	12V lead acid battery

Note: With Battery Interface, no battery is provided

KDF30010 Over-line protector (Open-mounted)



Technical parameter

Contour dimension	480*φ13
Product function	Prevent the wire from being broken or damaged
Applicable gate	Profile door, metal door
Standard material	Zinc alloy
Surface treatment	Chrome plating

KDF31010 Over-line protector (Concealed type)



Technical parameter

Contour dimension	295.5*24.5*φ16.5
Product function	Prevent the wire from being broken or damaged
Applicable gate	Profile door, metal door
Standard material	Carbon steel
Surface treatment	Nickel plating

Switch series

Technical parameter

Model number	Contour dimension	Electrical parameter	Selected material	Contact Selection
KDK1001A	86*86*28	Contact Resistance: DC 36V/3A	Aluminum alloy(panel) + stainless steel(button)	NO/COM
KDK10020	86*86*34	Contact Resistance: DC 36V/3A	PVC	NO/COM
KDK80010	62*44*30	Operating Voltage / current: DC 12V/80mA	PVC	NO/COM/NC

KDK1001A Switch (New)



KDK10020 Switch



KDK80010 Remote control

Previous code YK01



Linear distance ≤ 7.5m

Typical Projects

Wanda Plaza



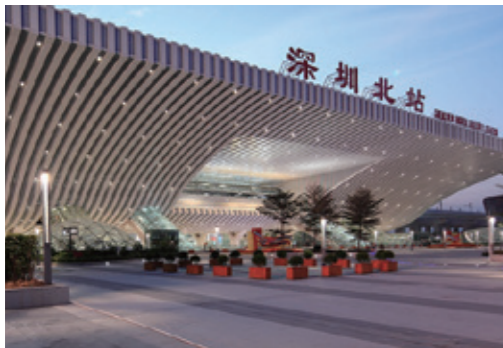
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|------------------------|-----------------------|--------------------------------------|
| Chongqing Wanda Plaza | Yantai Wanda Plaza | Shangqiu Wanda Plaza |
| Jinhua Wanda Plaza | Zhanjiang Wanda Plaza | Tongling Wanda Plaza |
| Yiwu Wanda Plaza | Fuzhou Wanda Plaza | Jiaozuo Wanda Plaza |
| Hangzhou Wanda Plaza | Mianyang Wanda Plaza | Yaan Wanda Plaza |
| Nanjing Hongyang Plaza | Jingzhou Wanda Plaza | Mudanjiang Wanda Plaza |
| Jinan Wanda Plaza | Kunming Wanda Plaza | Lianyungang Wanda Plaza |
| Kunshan Wanda Plaza | Jinjiang Wanda Plaza | Nansha Guangzhou Wanda Plaza |
| Tongzhou Wanda Plaza | Dandong Wanda Plaza | Urumqi Wanda Plaza |
| Nantong Wanda Plaza | Yangzhou Wanda Plaza | Beijing Youth Wanda Plaza |
| Taiyuan Wanda Plaza | Changde Wanda Plaza | Dahong Kaifeng Wanda Plaza |
| Xuancheng Wanda Plaza | Huanggang Wanda Plaza | Inner Mongolia Manzhouli Wanda Plaza |

Hotel



- | | |
|---------------------------------------|------------------------------------|
| Dunhuang International Hotel | Four Seasons Hotel in Kuala Lumpur |
| Nanning Qianjing Hotel | Haikou Hilton Hotel |
| Harbin Wanda Hotel | Dali Hilton Hotel |
| Zhuhai Manhattan Hotel | Dali International Hotel |
| Dongguan Hilton Hotel | Hengda Pearl River New City Hotel |
| Guangzhou Poly Intercontinental Hotel | Crowne Plaza Thousand Island Lake |
| Guangzhou Changlong Xiangjiang Hotel | Moroccan Hotel |
| China Yucheng Five-star Hotel | Myanmar Jinding Hotel |
| Hangzhou Victoria Hotel | Qiandao Lake New World Hotel |
| Hefei Wanda Wenhua Hotel | Qatar Five-star Hotels |
| Beijing Fengtai Marriott Hotel | Shanghai Xianglun Garden Hotel |
| Hyatt Regency Shanghai Global Harbor | Urumqi Wenhua Hotel |
| Hefei China Railway Hotel | Harbin Shangri-La Hotel |
| Qingdao Hilton Hotel | Hainan Shangri-La Hotel |
| Chengdu Hilton Hotel | Sanya Atlantis Hotel |
| Suzhou Xiangyi Hotel | Sanmenxia Swan International Hotel |
| Fuzhou Mindu Hotel | Qinhuangdao Shangri-La Hotel |
| Nanning Courtyard Hotel | |

Metro/ High-Speed Rail



- | | | |
|-----------------|------------------------------|------------------------------|
| Beijing Metro | Zunyi High-speed Railway | Daqing High-speed Railway |
| Shanghai Metro | Kaifeng High-speed Railway | Yungui High-speed Railway |
| Guangzhou Metro | Chongqing High-speed Railway | Station |
| Futian subway | Guangxi High-speed Railway | Wuzhou High-speed Railway |
| Chengdu Metro | Suzhou High-speed Railway | Handan High-speed Railway |
| Xiamen Metro | Hefei High-speed Railway | Kunshan High-speed Railway |
| Wuhan Metro | Wuhu High-speed Railway | Zhengzhou High-speed Railway |
| Xi 'an Metro | Huangshan High-speed Railway | Emei High-speed Railway |
| Ningbo Metro | Guiyang High-speed Railway | Foshan High-speed Railway |
| Hangzhou Metro | Nanjing High-speed Railway | Harbin High-speed Railway |
| | | Hohhot High-speed Railway |

Typical Projects

Airport



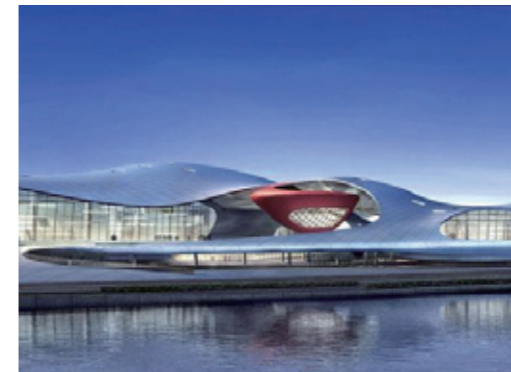
- | | |
|--|---|
| Hong Kong Airport | Jinzhou Bay International Airport |
| Pudong International Airport | Nanning Wusong International Airport |
| Wuhan Tianhe Airport | Sanya Phoenix International Airport |
| Hengyang Nanyue Airport | Guiyang Longdongbao International Airport |
| Jiangbei International Airport | Haikou Meilan International Airport |
| Malabo International Airport | Hanoi Airport |
| Shanghai Hongqiao International Airport | Korla Airport |
| Xiamen Gaoqi International Airport | Liberia Airport |
| Zhengzhou Xinzheng International Airport | Philippines Manila Airport |
| Ningbo Lishe International Airport | Togo Lome International Airport |
| Xiangyang Airport | Jordan Queen Alia Airport |
| Baoan International Airport | Zambia Lusaka International Airport |
| Xinjiang Hotan Airport | Samoa Faleolo International Airport |
| Liuzhou Bailian Airport | Nigeria Abuja International Airport |
| Tongren Phoenix Airport | |

Office Building



- | | |
|--|---|
| Beijing Modern Office Building | Beijing Government Service Center Office Building |
| Yancheng City Office Building | Pudong Development Bank Qingdao Office Building |
| State Post Office Building | Guangxi Water Conservancy and Electric Power Business Office Building |
| Guangdong Yanjing Beer Office Building | Office Building |
| Dongguan First International Office Building | Jiangsu Jiangnan Industrial Group Office Building |
| Chengdu LH Group Office Building | Chengdu Dayuan International Center Office Building |
| Zhengzhou Shenzhen Airlines Business Office Building | Guangya Aluminum Industry Office Building |
| Xi'an Scenic Royal Garden Office Building | Qihoo 360 office building |
| Wanli Shangtai Research Office Building | Microsoft Suzhou Branch Office Building |
| Zhangjiagang United Front Office | Ruiyuan - Mingjia International Office Building |
| Shaoxing Country Garden Office Building | Kunshan City Procuratorate Office Office |
| Tencent Chengdu Technology Office Building | Chengdu Huaxi Securities Headquarters Office Building |
| Shimao Riverside Headquarters Office Building | Taiyuan Intermediate People's Court Office Building |
| Hebei Provincial People's Government Office Building | Agricultural Bank Suzhou Branch Office Building |
| Ivorian Ministry of Foreign Affairs Office Building | Peking University Nanning Affiliated School Office Building |

Large-scale Public Building Project



- | | |
|---|--|
| Beijing Water Cube | Southern University of Science and Technology Gymnasium |
| Tianjin Stadium | Guangzhou International Sports Performance Center |
| Jiading Stadium | Kunming Dianchi International Convention and Exhibition Center |
| Guangzhou Asian Games City | China Exhibition and Convention Center (Shanghai) |
| Guangzhou Science City | Xixia Museum |
| Shanxi Grand Theatre | Datong Museum |
| International Exhibition Center | Senegal Museum |
| China Port Museum | Xiamen International Convention and Exhibition Center |
| China Silk Museum | Ordos Sports Center |
| National South China Sea Museum | Xilin Gol International Convention and Exhibition Center |
| Changsha International Convention and Exhibition Center | Yunqi Town International Convention and Exhibition Center |
| Xinjiang International Convention and Exhibition Center | Wuzhen Internet International Convention and Exhibition Center |
| Nanjing Youth Olympic Sports Park | Nanjing Museum Dunhuang Silk Road |
| Shenyang International Exhibition Center | Strait Intangible Cultural Heritage Ecological Park |
| Shenyang New World Convention and Exhibition Center | |