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Door Control Hardware Typical Product Catalogue



Door Control Hardware
Typical Product Catalogue



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Specification of the Product Code Change

一、Specification

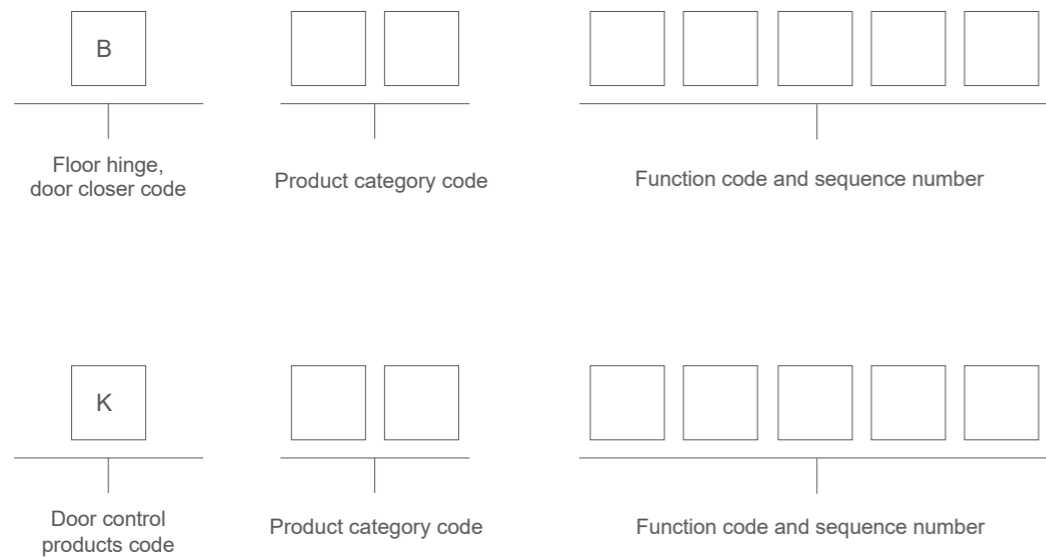
1. Purpose
The product code is based on the product attribute, to make code numbers standard, scientific, unique, coordinate, practical and expandible.
2. Application scope
It is suitable for all of the products in this catalogue.

二、Rules

1. Code number has 8 digits, 3 digits + 5 digits pattern.
2. First 3 digits are characters; last 5 digits are all numbers or number + character.
3. The total number of special product Numbers is 9 digits.

三、Principle

1. The first letter of the product of floor hinge and door closer is "B".
2. The first letter of the door control product is "K".
3. Classification of all products is according to the characteristics of door type, bearing weight, product style and function.



Check List for New and Old Code Number

No.	Product category	New Name	Old Name	New Code.	Old Code.
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	Glass Patch for Doors	Door patch series 100Kg series	—	KMJ	—
		Door patch series 100Kg series	Short Patch/Bending Patch /Bracket Y500		M/YM/Y
		Door patch series 130Kg series	Short Patch/BracketY400/Y800		Y
		Door patch series 150Kg series	Medium-sized Patch		M
		Door patch series 180Kg series	BracketY900		Y
		Door patch series 200Kg series	Heavy Patch/Bending Patch		FM/YM
		Long door patch series 130Kg series	Standard Long Patch		CM/CMS
		Long door patch series 150Kg series	Standard Long Patch		CM/CMS
		Long door patch series 200Kg series	Widened Long Patch		CM/CMS
		Fixed Patch Fitting 40Kgseries	—		—
Fixed Patch Fitting 50Kgseries	—	—			
4	Door Lock	Glass door lock	Glass Door Lock/Lock Patch/ Sliding Door Lock	KMS	BS/S/YMS
		Profile door lock	Center Lock for Profile Doors/ Ground Lock		XS/DS
5	Door Hinge	Eccentric door spindle	Door Spindle/Pivot Hinge		XP/DZ
		Glass door hinge	Glass Door Hinge		JL
6	Auxiliary Accessories	Glass door latch	Glass Door Latch	KFJ	BCX
		with frame latch	Latch		CX
7	Door Handle	Stainless steel handle(Big)	Handle	KLS	LS
		Handle with lock	Handle with Lock		LSS
		Stainless steel handle(Small)	—		—
		Concealed handle	Sliding Door Handle		TLG/TL
8	Sliding door system	Sliding door series	sliding door accessories	KYN/KYW	—
		Buffer sliding door series	buffer sliding door accessories	KYN	—
		Buffer linkage sliding door series	Buffer Linkage door	KYN	KYL
9	Folding door system	Wooden folding door series	—	KZD	—
		Glass folding door series	Side Suspension / Middle Suspension		ZDM
10	Active partition system	Glass movable partition series	Active partition system	KHD	—
		Wooden movable partition series			

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Floor Hinge

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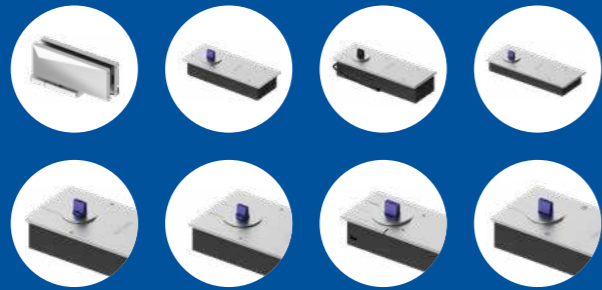
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01

Floor Hinge



Floor Hinge List

Diagram	Product code	Positioning type	Door width	Maximum Loading	Life cycle	Speed control	page
	BDH80116	Remote control 90° positioning	700~1200mm	150Kg	>1000,000 Cycles	Adjustable	P7
	BDH80216	Remote control 90° positioning	700~1200mm	150Kg	>1000,000 Cycles	Adjustable	P7
	BDH20814/BDH20804 (New)	90°/Non-hold	650~900mm	70kg	>300,000 Cycles	One speed section	P11
	BDH10214	90°hold	650~900mm	85kg	>500,000 Cycles	Two speed section	P12
	HD102/BDH10305	90°/Non-hold	650~900mm	90Kg	>300,000 Cycles	One speed section	P13
	HD201/BDH20505	90°/Non-hold	650~1050mm	90Kg	>500,000 Cycles	Two speed section	P14
	HD101/HDF101	90°/Non-hold	650~1050mm	100Kg	>500,000 Cycles	One speed section	P15
	BDH20314/BDH20304	90°/Non-hold	650~1050mm	100Kg	>500,000 Cycles	Two speed section	P16
	BDH20315/BDH20305	90°/Non-hold	800~1200mm	130Kg	>500,000 Cycles	Two speed section	P16
	HD203/HDF203	90°/Non-hold	650~1050mm	100Kg	>1000,000 Cycles	Two speed section	P17
	HD204	90°hold	750~1100mm	115Kg	>1000,000 Cycles	Two speed section	P17
	HD205/HDF205	90°/Non-hold	800~1200mm	130Kg	>1000,000 Cycles	Two speed section	P17
	BDH21315 (New)	90°hold	650~1050mm	100Kg	>1000,000 Cycles	Two speed section	P18
	BDH21316 (New)	90°hold	800~1200mm	130Kg	>1000,000 Cycles	Two speed section	P18
	HD304	90°及120°-180°hold	650~1050mm	100Kg	>1000,000 Cycles	Two speed section	P19
	HD305	90°及120°-180°hold	800~1200mm	130Kg	>1000,000 Cycles	Two speed section	P19
	BDH40115-HW	90°hold	650~1050mm	100Kg	>500,000 Cycles	Two speed section	P20
	BDH20316 (New)	90°hold	650~1300mm	85~150kg	>500,000 Cycles	Two speed section	P21
	BDH20416/BDH20406 (New)	90°/Non-hold	650~1300mm	85~150kg	>500,000 Cycles	Two speed section	P23
	BDH21116 (New)	90°hold	650~1050mm	100Kg	>500,000 Cycles	Two speed section	P25
	BDH21216 (New)	90°hold	800~1200mm	130Kg	>500,000 Cycles	Two speed section	P25
	BDH40216/BDH40206	90°/Non-hold	1100~1300mm	150Kg	>500,000 Cycles	Two speed section	P26
	HD403	90°hold	650~1050mm	100Kg	>1000,000 Cycles	Two speed section	P27
	HD405	90°hold	800~1200mm	130Kg	>1000,000 Cycles	Two speed section	P27
	HD406/HDF406	90°/Non-hold	1100~1300mm	150Kg	>1000,000 Cycles	Two speed section	P27
	BDH40017/BDH40007	90°/Non-hold	1150~1400mm	180Kg	>1000,000 Cycles	Two speed section	P28
	HD407/BDH40008	90°/Non-hold	1200~1400mm	200Kg	>1000,000 Cycles	Two speed section	P28
	BDH40716 (New)	90°hold	1100~1300mm	150Kg	>1000,000 Cycles	Two speed section	P29
	BDH40718 (New)	90°hold	1150 ~ 1400mm	180Kg	>1000,000 Cycles	Two speed section	P30
	BDH20216	90°hold	650~750mm(Unilateral)	150Kg	>500,000 Cycles	Two speed section	P31
	BDH50112	90°hold	1100~1250mm(Unilateral)	300Kg	>500,000 Cycles	Two speed section	P32
	BDH50011/BDH50001	90°/Non-hold	1200~1400mm	250Kg	>500,000 Cycles	Two speed section	P33
	BDH50012	90°hold	Door width: 1200-1500mm Maximum Door high: 3200mm	300Kg	>500,000 Cycles	Two speed section	P34
	BDH50013	90°hold	Door width: 1200-1500mm Maximum Door high:3800mm	350Kg	>500,000 Cycles	Two speed section	P35
	BDH50014	90°hold	Door width: 1200-1500mm Maximum Door high:4200mm	400Kg	>500,000 Cycles	Two speed section	P35
	BDH60015	90°hold	800~1000mm	85Kg	>500,000 Cycles	Two speed section	P37
	BDH60016	90°hold	650~1050mm	100Kg	>500,000 Cycles	Two speed section	P37
	BDH60017 (New)	90°hold	750 ~ 1100mm	120Kg	>500,000 Cycles	Two speed section	P37
	BDH70014	90°hold	650 ~ 800mm	85Kg	>300,000 Cycles	Two speed section	P39
	BDH70015	90°hold	750~900mm	100Kg	>300,000 Cycles	Two speed section	P39
	BDH70114	90°hold	650~800mm	85Kg	>300,000 Cycles	Two speed section	P39
	BDH70115	90°hold	750~900mm	100Kg	>300,000 Cycles	Two speed section	P39



Passed the test of DGM

Integral cover design, easy to be installed.

Originate the special filler with anti-rust, water proof, keep warm, insect Prevention.

Floor hinge check list

Product code	Left/ right, front/ back adjustable	Left/ right, front/back, up/down adjustable	Torque adjustable	Square axis	Hypothermy	Heavy duty	Ultra narrow type	Slotting free	Top installation	90° rotation	Electrical	Opening angle 116°	Opening angle 118°	Opening angle 120°	Opening angle 130°	Opening angle 180°	Opening angle 360°	Single cylinder	Double-cylinder	One speed section	Two speed section	
BDH80116	●										●											
BDH80216	●										●											
BDH20814/BDH20804 (New)		●											●					●		●		
BDH10214		●											●					●		●		
HD102/BDH10305	●											●						●		●		
HD201/BDH20505	●											●						●		●		
HD101/HDF101	●													●				●		●		
BDH20314/BDH20304		●					●								●			●		●		
BDH20315/BDH20305		●					●								●			●		●		
HD203/HDF203		●													●			●		●		
HD204		●													●			●		●		
HD205/HDF205		●													●			●		●		
BDH21315 (New)		●				●									●			●		●		
BDH21316 (New)		●				●									●			●		●		
HD304		●													●			●		●		
HD305		●													●			●		●		
BDH40115-HW		●													●			●		●		
BDH20316 (New)		●	●												●			●		●		
BDH20416/BDH20406 (New)		●	●												●			●		●		
BDH21116 (New)		●		●		●									●			●		●		
BDH21216 (New)		●		●		●									●			●		●		
BDH40216/BDH40206		●		●		●									●			●		●		
HD403		●													●			●		●		
HD405		●													●			●		●		
HD406/HDF406		●													●			●		●		
BDH40017/BDH40007		●													●			●		●		
HD407/BDH40008		●													●			●		●		
BDH40716 (New)		●				●									●			●		●		
BDH40718 (New)		●				●									●			●		●		
BDH20216		●								●							●	●		●		
BDH50112		●					●	●		●							●	●		●		
BDH50011/BDH50001		●					●								●			●		●		
BDH50012		●					●								●			●		●		
BDH50013		●					●								●			●		●		
BDH50014		●					●								●			●		●		
BDH60015									●						●			●		●		
BDH60016									●						●			●		●		
BDH60017 (New)									●						●			●		●		
BDH70014								●							●			●		●		
BDH70015								●							●			●		●		
BDH70114								●							●			●		●		
BDH70115								●							●			●		●		

High quality camshaft design
20CrMo material, carburizing, heat treatment, good performance, wear resistance

Filling agent Patent design

Hydraulic pressure oil
High-quality crude oil, wear-resistant lubrication, low temperature resistance -40-55° C

Double cylinder design

Single cylinder design

Deep groove ball bearings

Double seal design

Springs
Made of high-quality 55CrSi, good toughness, high strength, low temperature resistance, high fatigue resistance, to provide a strong closing force for the floor spring

Cover plate
2.0mm thick stainless steel

Installation



Bottom installation diagram



Top mounting diagram



Hidden installation diagram

Classification of floor hinge



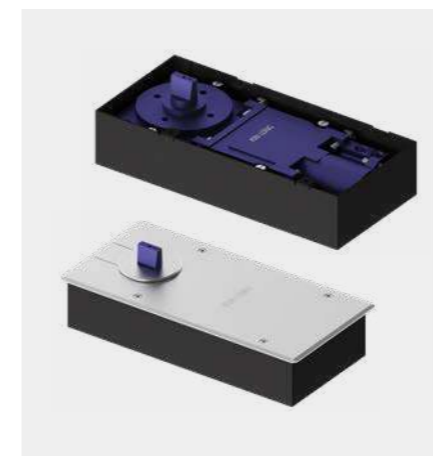
Electric floor hinge



Regular floor hinge



Low temperature-resistant floor hinge



360° rotating floor hinge



Sky Hinge



Concealed Floor Hinge

BDH80216 (Single open)



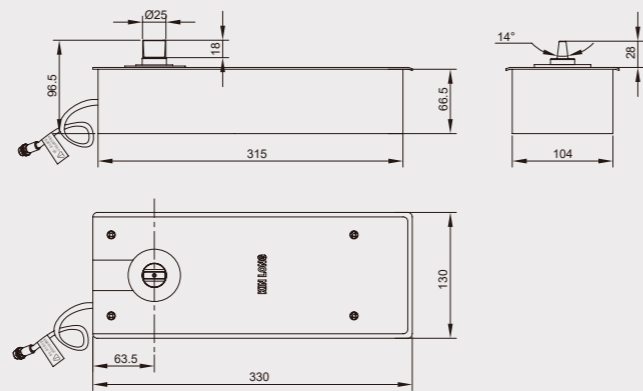
BDH80116 (Double open)

Electric floor hinge

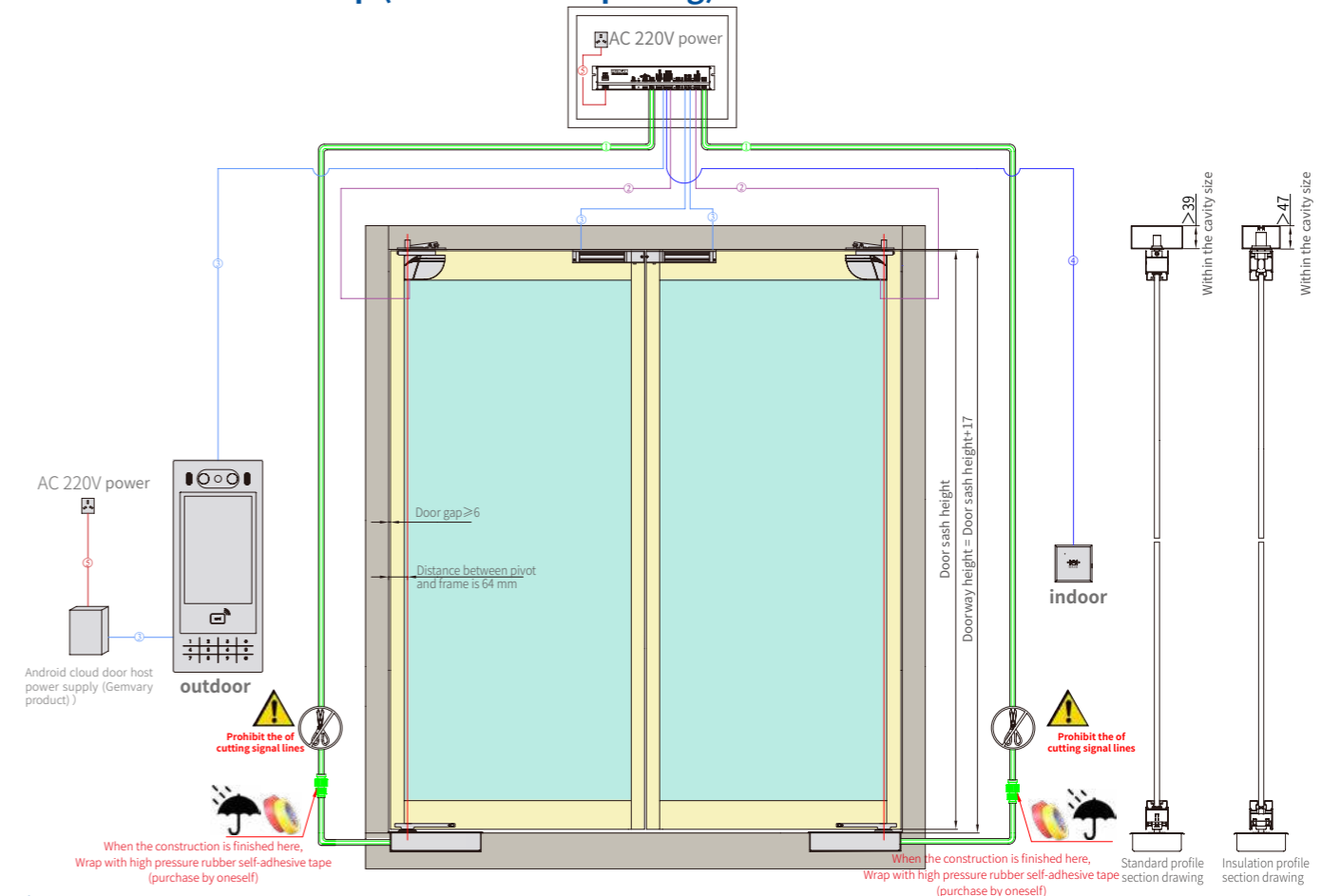
Technical Parameters

Positioning type	Remote control 90° positioning
Maximum Loading	150kg
Door width	700~1200mm
Life cycle	>1,000,000 Cycles
Max open degree	90°
Damping strength	The door sash encounters resistance not greater than 116N.m Can stop or reverse open
Waterproof performance	Motor insulation, waterproof, strong corrosion resistance
The output voltage	12V, 24V
Power supply	AC220V(1±10%)/50Hz
Running noise	<60dB
Opening time	6-12S
Operating temperature	-20°C to 55°C
Protection level	IP68
Rated power	55W
Max torque	165N.m

Dimensions



Connection sketch map (double door opening)



The Illustration and Requirements for Installation of Electric Floor Hinge:

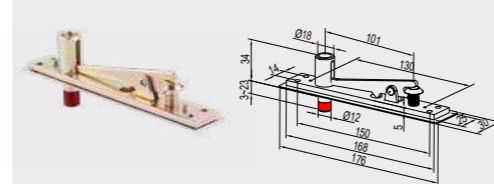
- ① =RVV-8×0.5mm², optional wire tube φ30mm pull wire (the electric floor hinge comes with a signal wire length of 8 meters as standard. The distance exceeds the standard, non-standard customization is required, and the total length can be extended to 20m);
 - ② =RVV-6×0.5mm², optional cable tube φ20mm cable (Laser sensor comes with a signal wire);
 - ③ =RVV-2×0.5mm², optional cable tube φ20mm cable;
 - ④ =RVV-4×0.5mm², optional cable tube φ20mm cable;
 - ⑤ =RVV-3×1.5mm², optional cable tube φ20mm cable;
- Cable information is reasonably pulled according to the actual situation on site.

Note:

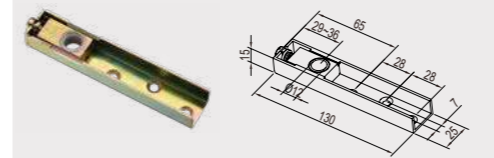
1. Put the filler into the outer box of floor hinge after installing.
2. During the construction of wiring, ensure that the signal line interface is not less than 10CM away from the ground to avoid water, otherwise it will cause the failure of the electric floor hinge.

Standard Products

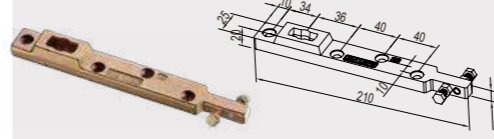
BDP30001 Top pivot seat



DX03 Bottom pivot seat

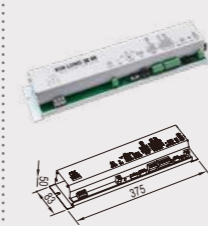


DY05 Center pivot arm

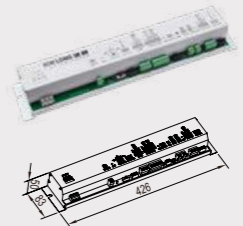


Standard Products

BDH80216-01
Single door control panel



BDH80116-02
Double door control panel



Optional Products

BDP80101 Adjusting device (Necessary)



☆ Adjusting device is necessary during testing/ installing, Additional order required.

Standard and simplified illustrations

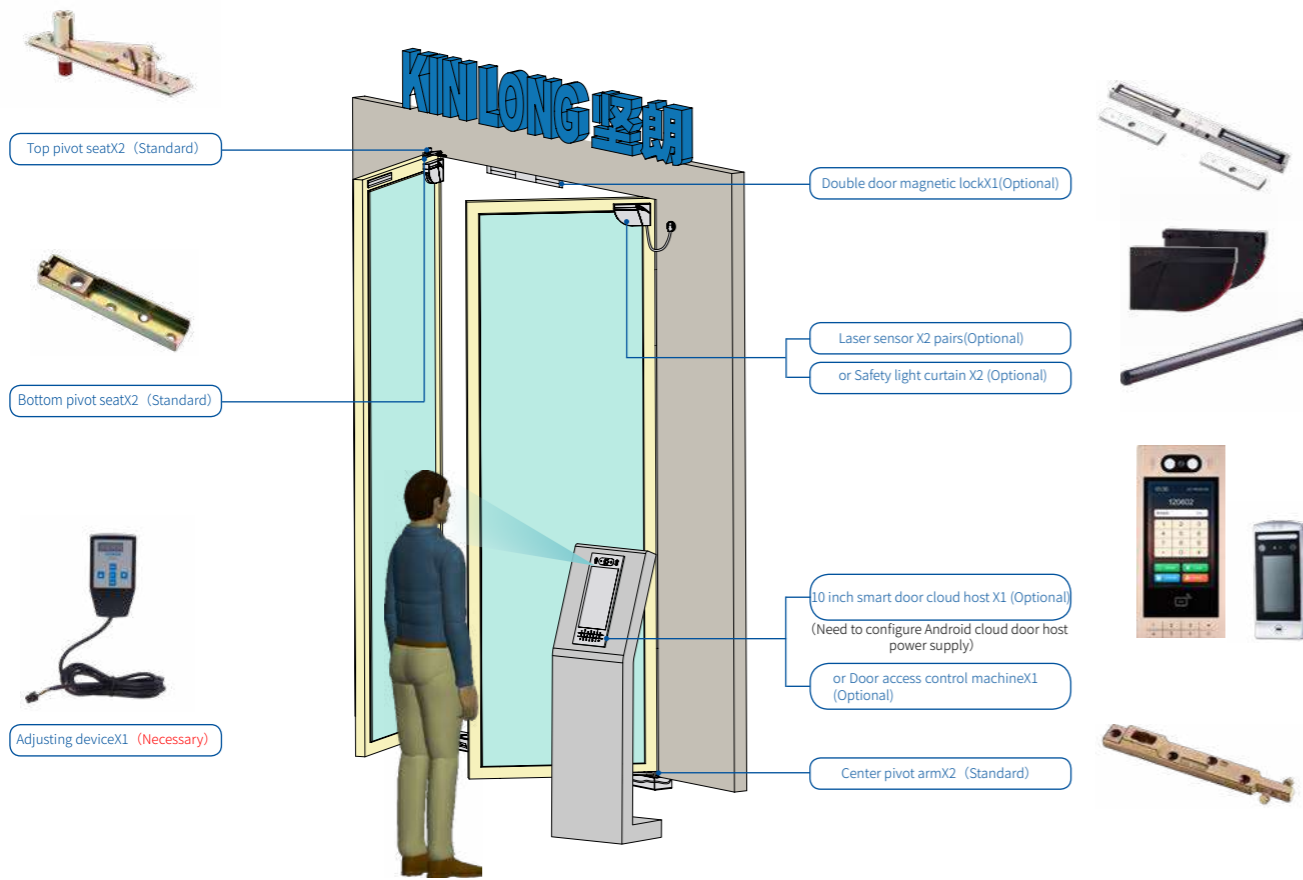
Double door standard configuration



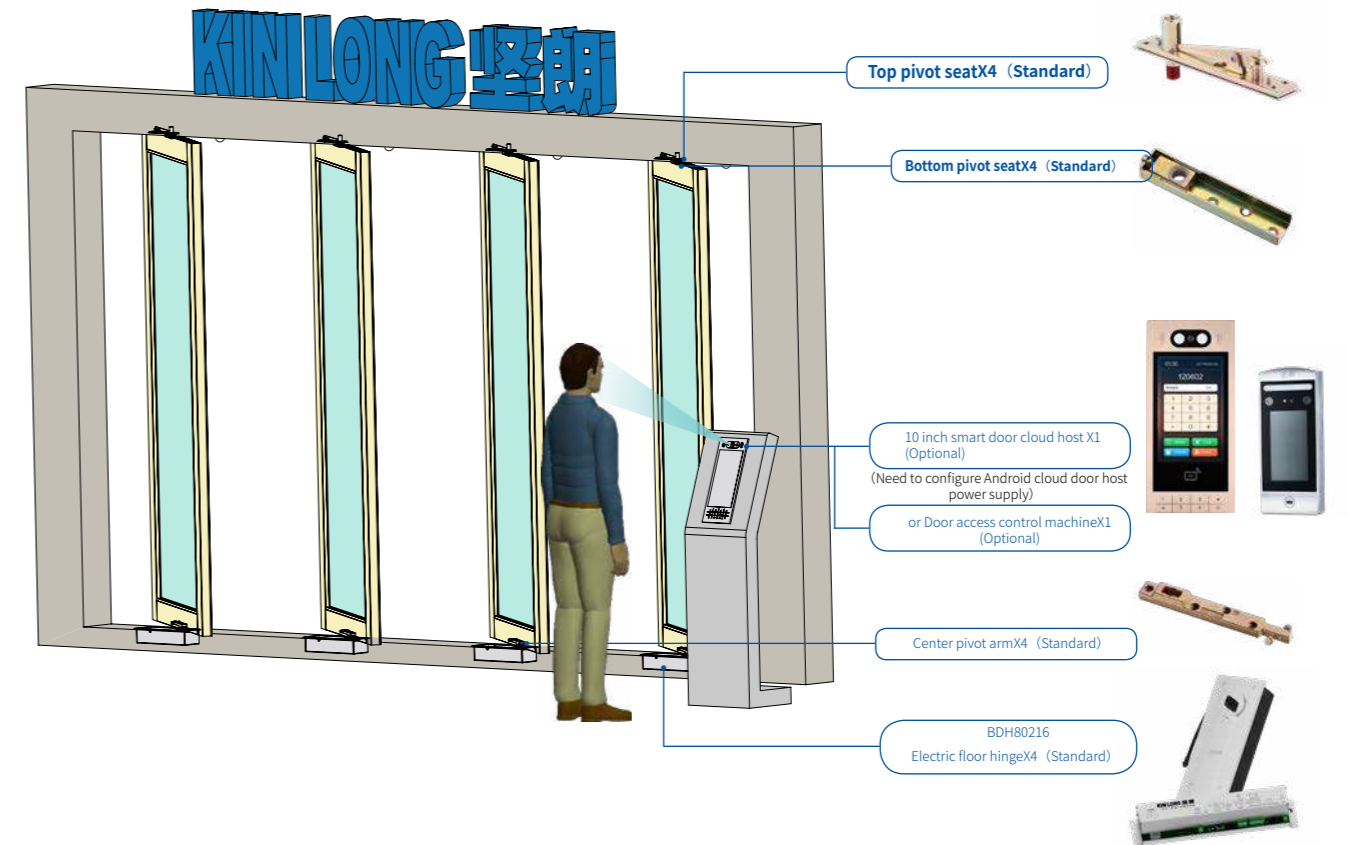
Single door simple configuration



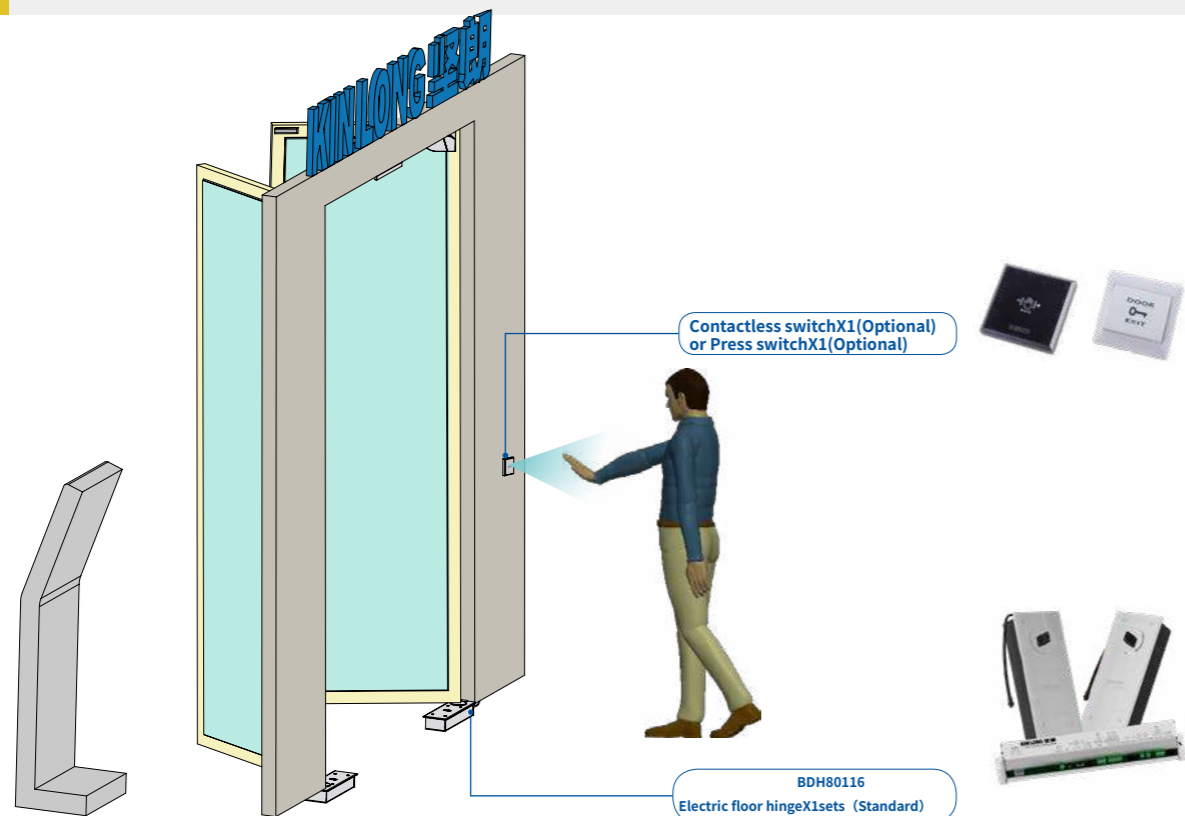
Hardware integrated configuration scheme for electric floor hinge contactless door (outdoor)



Hardware integrated configuration scheme for contactless door of electric middle rotation door (outdoor)



Hardware integrated configuration scheme for electric floor hinge contactless door (indoor)

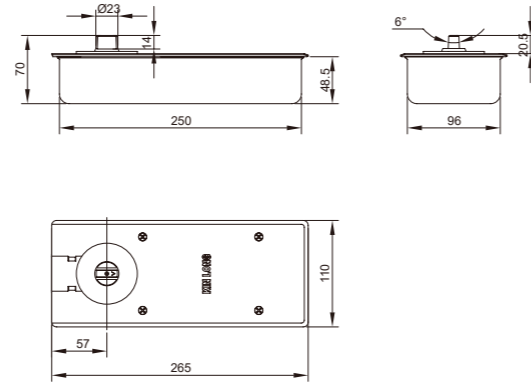


Hardware integrated configuration scheme for contactless door of electric middle rotation door (indoor)

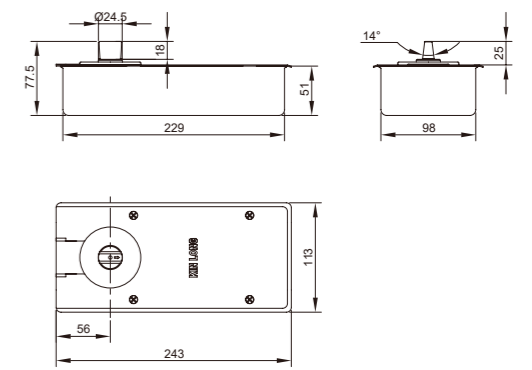




Dimensions



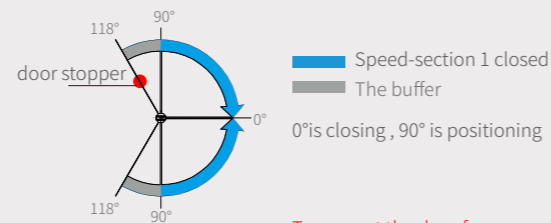
Dimensions



BDH20814/BDH20804 Floor hinge **NEW**

Technical Parameters

	Positioning type	90°Hold Non-hold
	Door width	650~900mm
	Maximum Loading	70kg
	Life cycle	>300,000 Cycles
	Speed control	One speed section

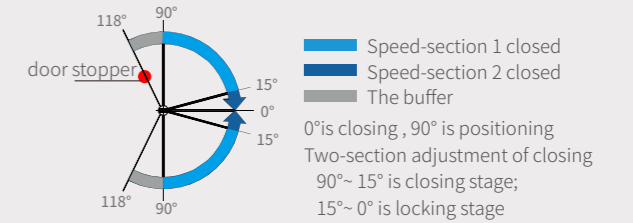


Graphics has 90°hold function. To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

BDH10214 Floor hinge

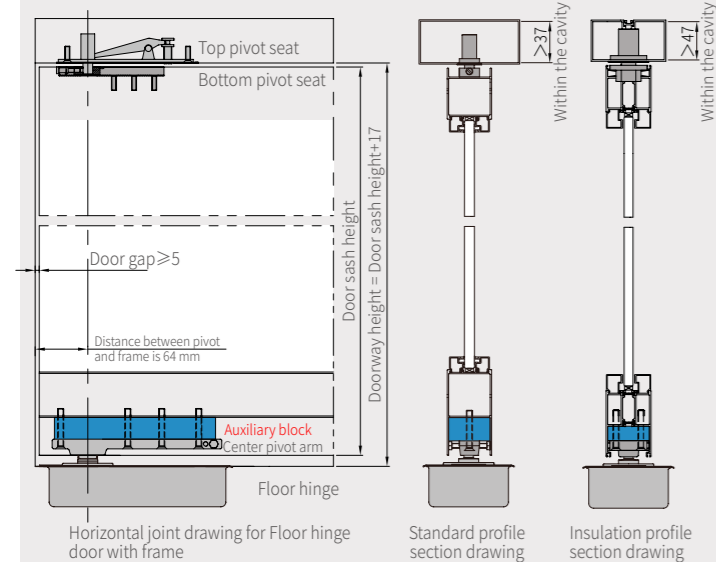
Technical Parameters

	Positioning type	90°Hold
	Door width	650~900mm
	Maximum Loading	85kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section



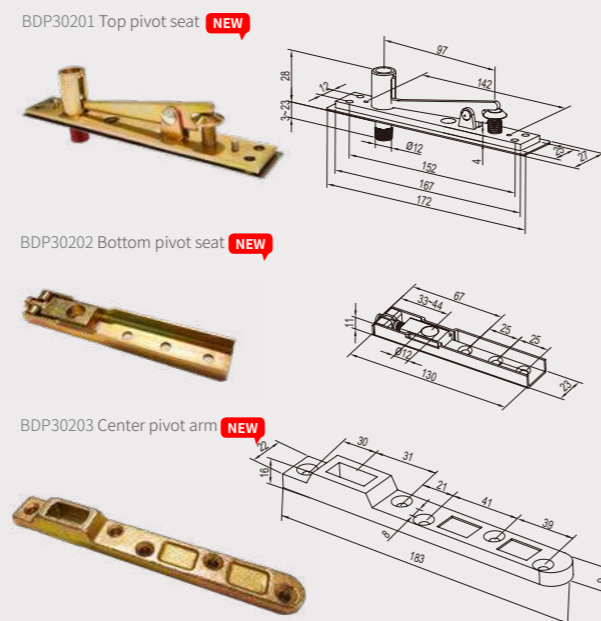
Graphics has 90°hold function. To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram

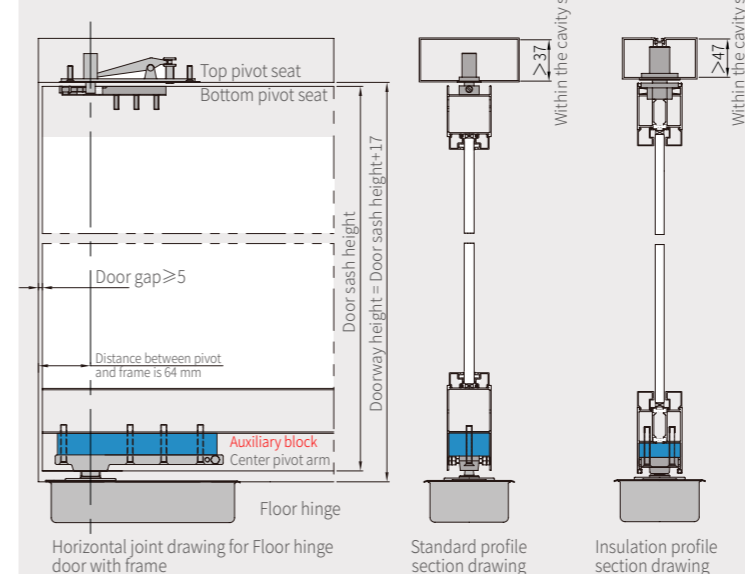


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

Accessories

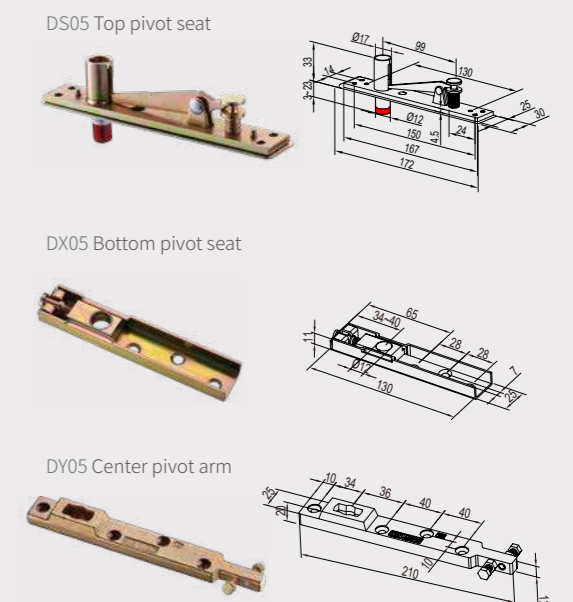


Installation Diagram



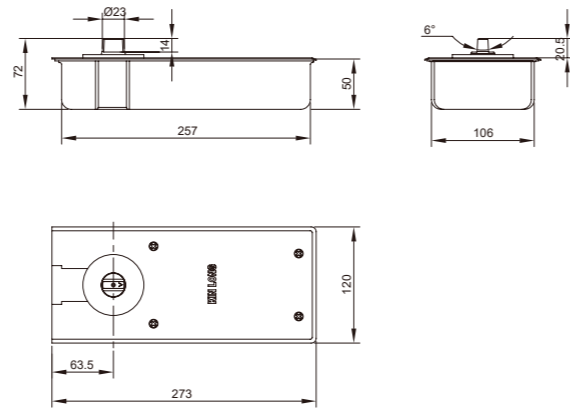
Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

Accessories

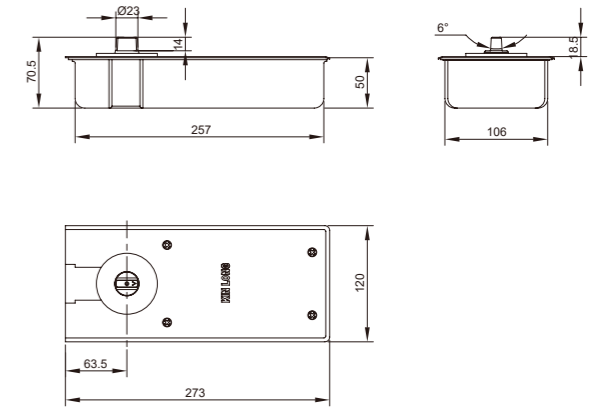




Dimensions



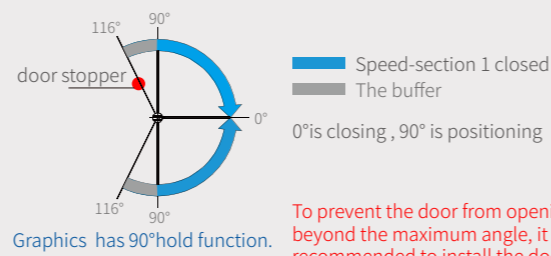
Dimensions



HD102/BDH10305 Floor hinge

Technical Parameters

	Positioning type	90°Hold Non-hold
	Door width	650~900mm
	Maximum Loading	90kg
	Life cycle	>300,000 Cycles
	Speed control	One speed section

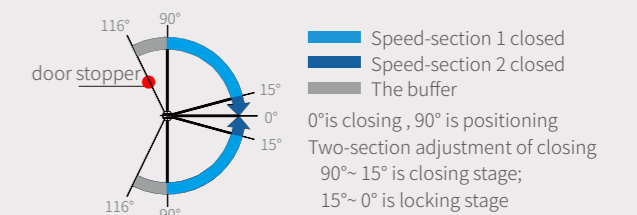


To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

HD201/BDH20505 Floor hinge

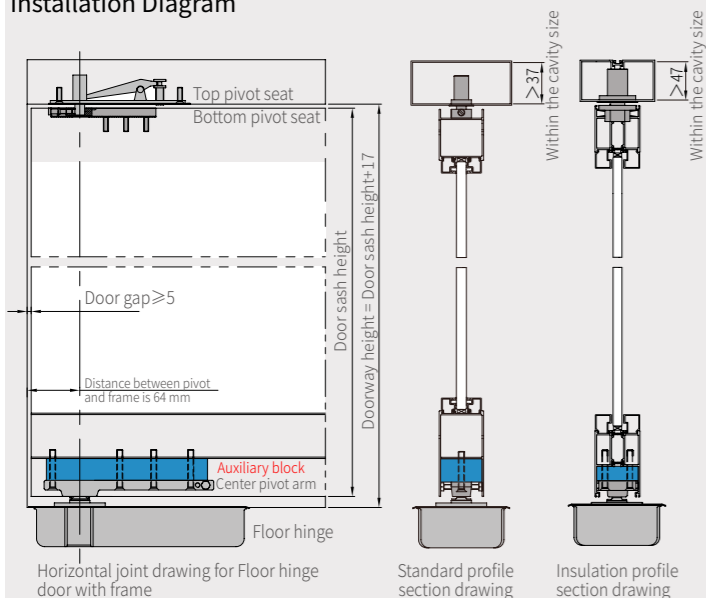
Technical Parameters

	Positioning type	90°Hold Non-hold
	Door width	650~1050mm
	Maximum Loading	90kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section

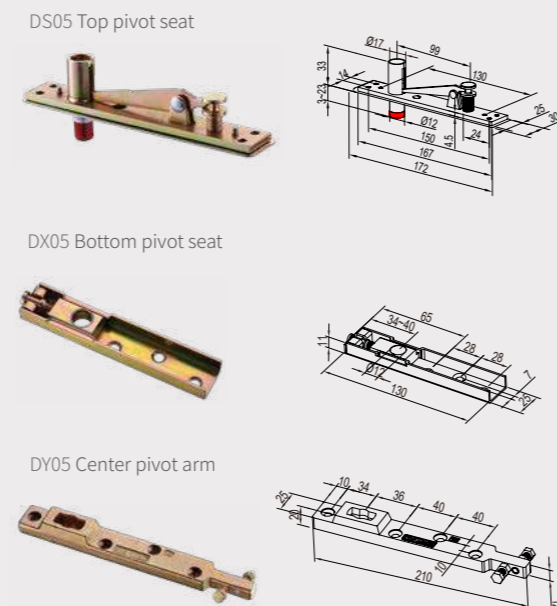


Graphics has 90° hold function. To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram

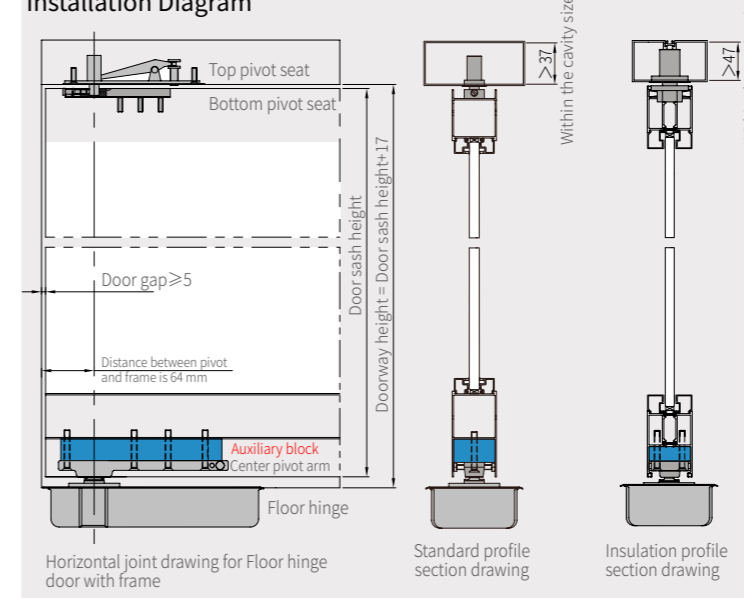


Accessories

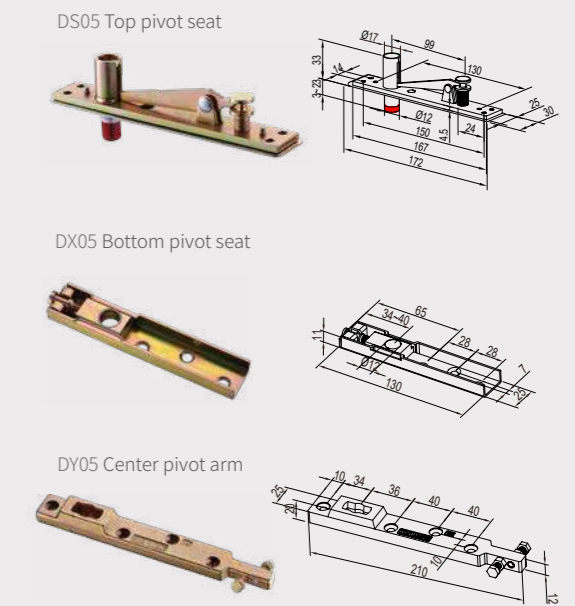


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

Installation Diagram



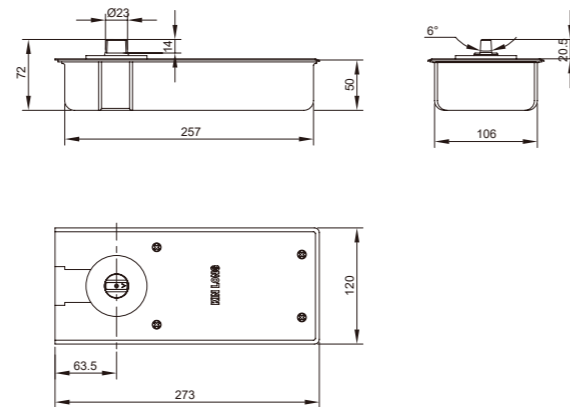
Accessories



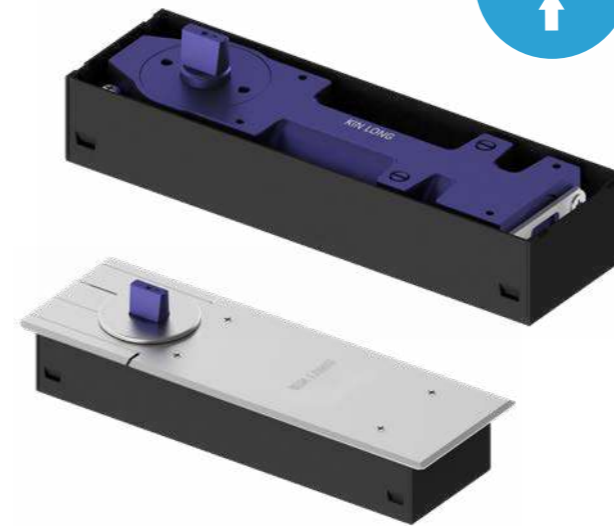
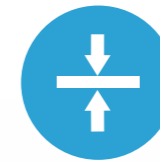
Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.



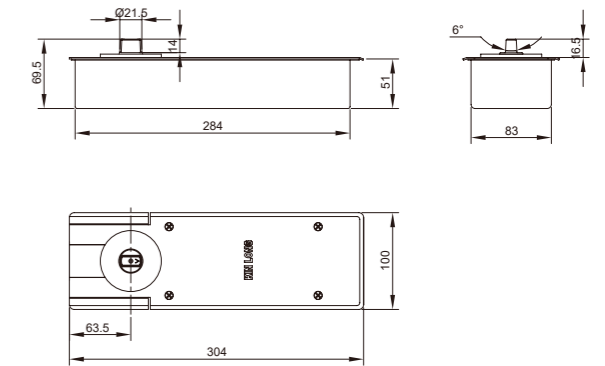
Dimensions



Ultra narrow body



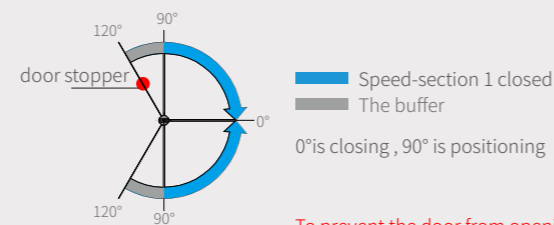
Dimensions



HD101/HDF101 Floor hinge

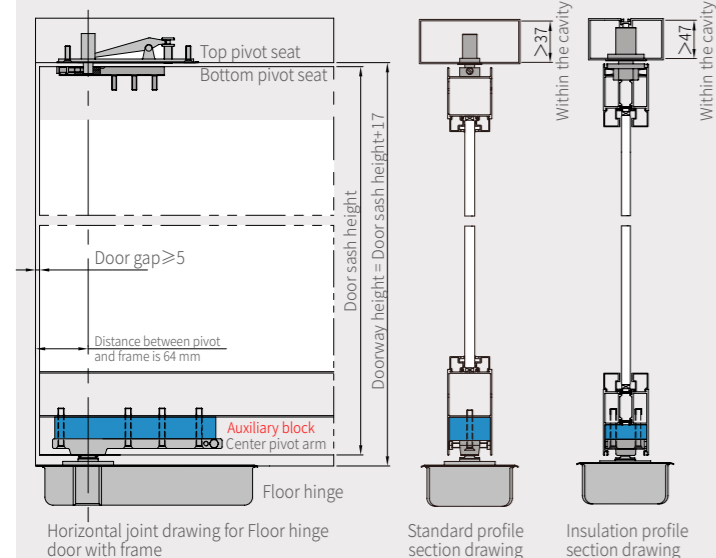
Technical Parameters

	Positioning type	90°Hold Non-hold
	Door width	650~1050mm
	Maximum Loading	100kg
	Life cycle	>500,000 Cycles
	Speed control	One speed section



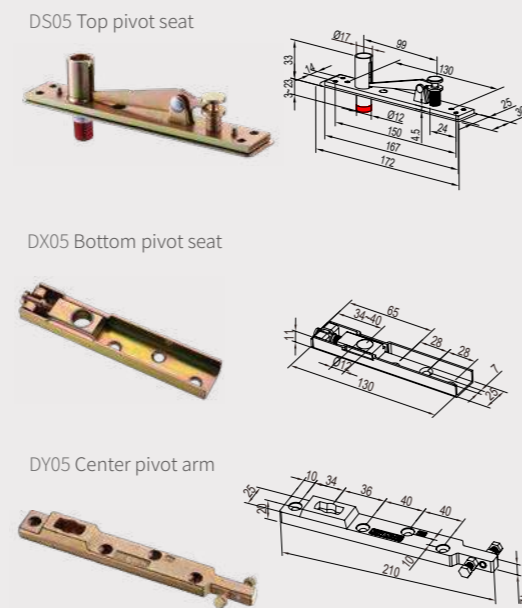
Graphics has 90°hold function. To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram



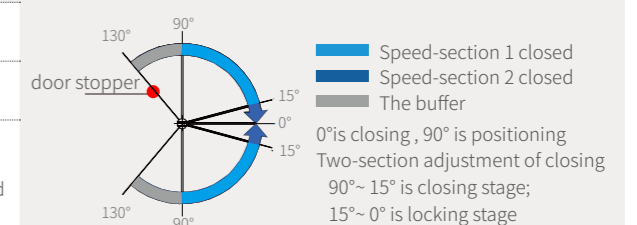
Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

Accessories



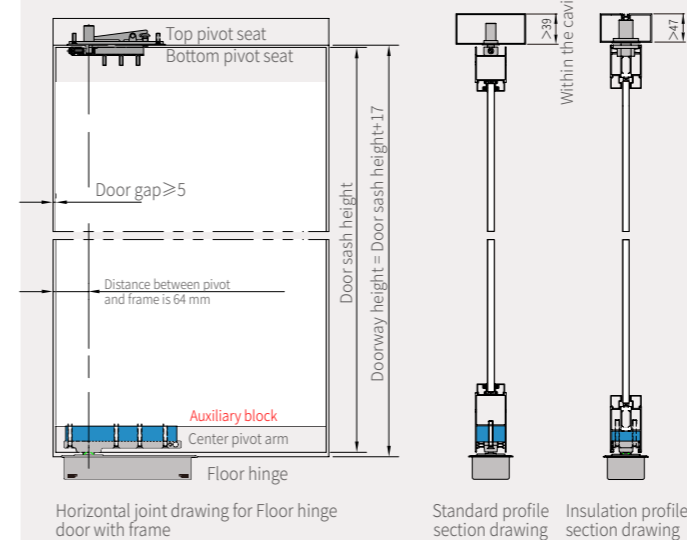
BDH203 Series Floor hinge

Technical Parameters					
Code	Positioning type	Door width	Maximum Loading	Life cycle	Speed control
BDH20314	90°Hold	650~1050mm	100kg	>500,000 Cycles	Two speed section
BDH20304	Non-hold				
BDH20315	90°Hold	800~1200mm	130kg	>500,000 Cycles	Two speed section
BDH20305	Non-hold				



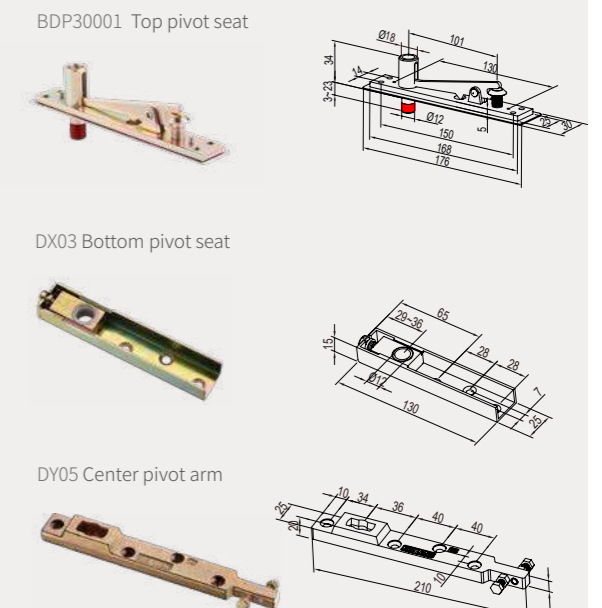
Graphics has 90°hold function. To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram

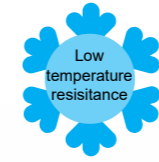
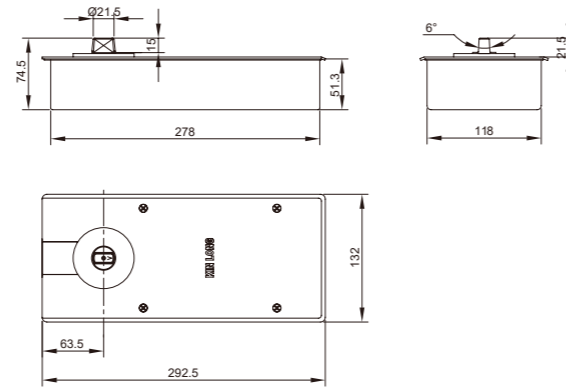


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

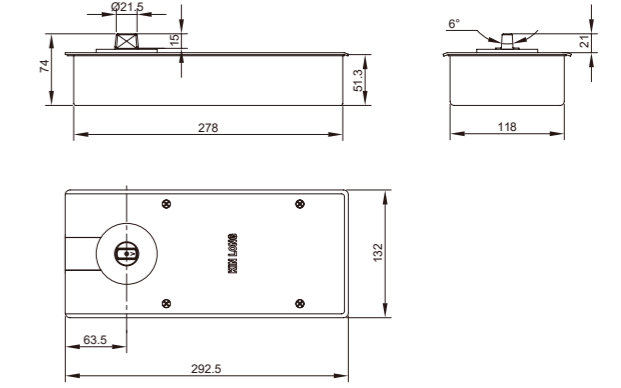
Accessories



Dimensions



Dimensions

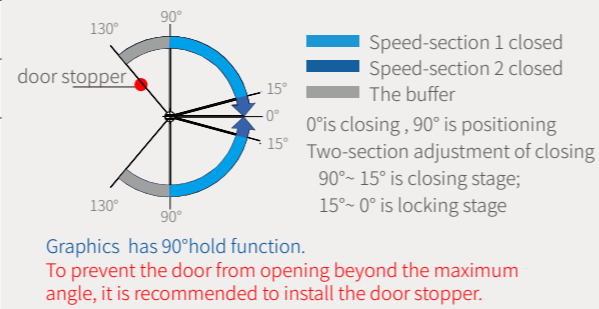


Floor Hinge

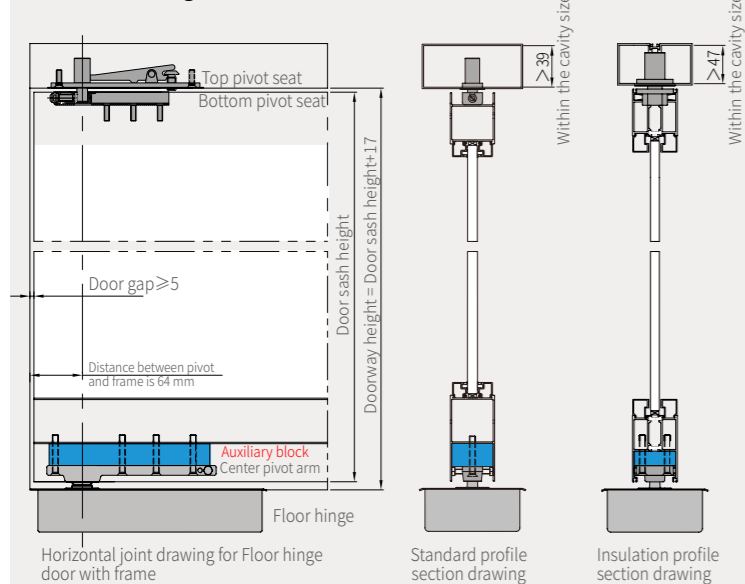
Floor Hinge

HD200 Series Floor hinge

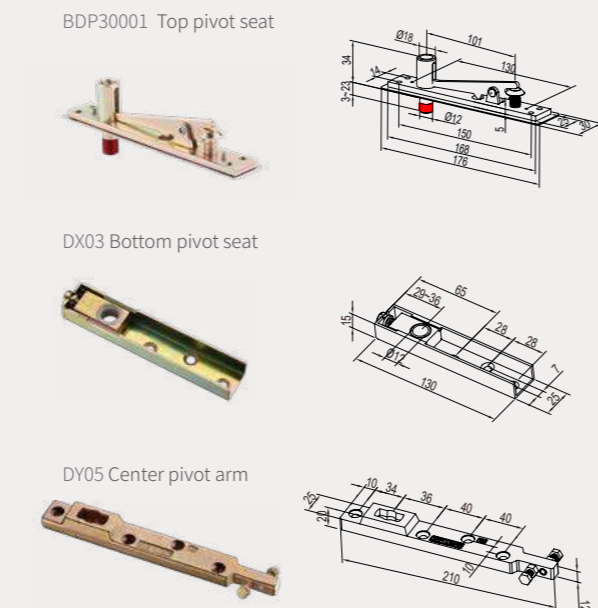
Technical Parameters					
Code	Positioning type	Door width	Maximum Loading	Life cycle	Speed control
HD203	90°hold	650~1050mm	100kg	>1,000,000 Cycles	Two speed section
HDF203	Non-hold	750~1100mm	115kg		
HD204	90°hold	800~1200mm	130kg		
HD205	90°hold	800~1200mm	130kg		
HDF205	Non-hold	800~1200mm	130kg		



Installation Diagram



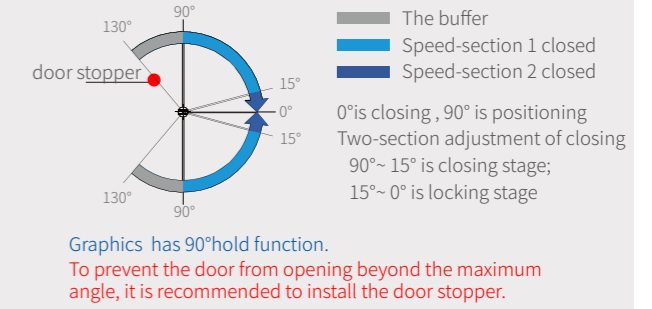
Accessories



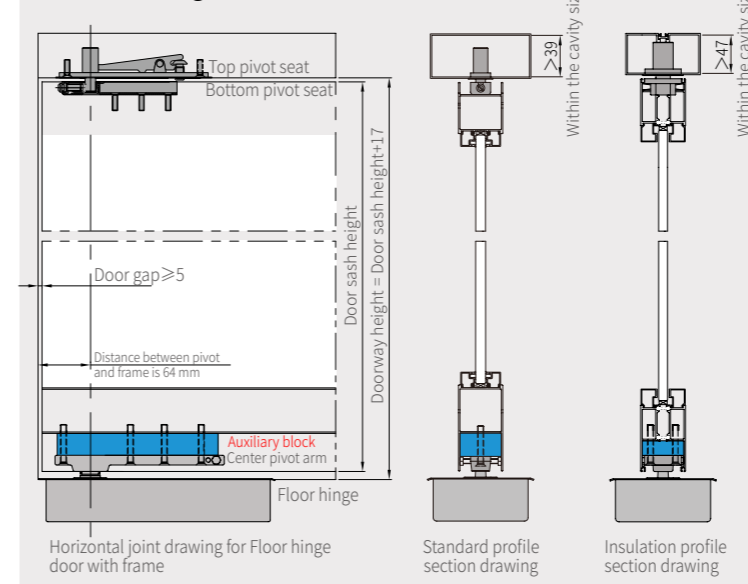
Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

BDH21315/BDH21316 Floor hinge **NEW**

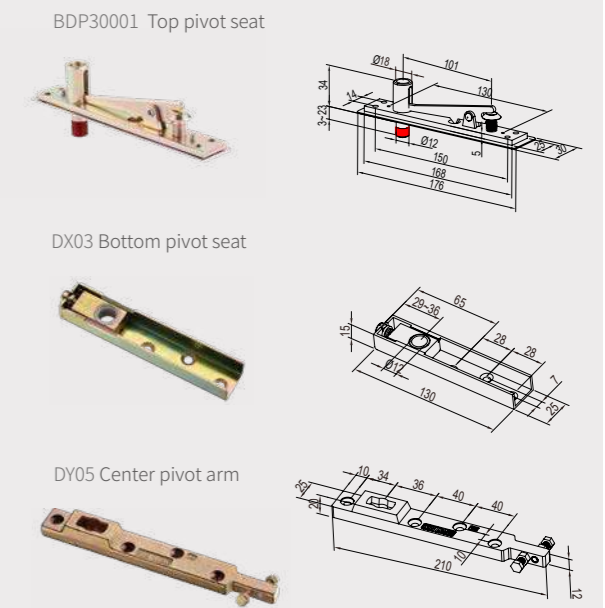
Technical Parameters						
Code	Positioning type	Door width	Maximum Loading	Life cycle	Speed control	Suitable Temperature
BDH21315/BDH21316	90°hold	650~1050mm/800~1200mm	100kg/130Kg	>1,000,000 Cycles	Two speed section	-40°C~55°C(Suitable for North cold place)



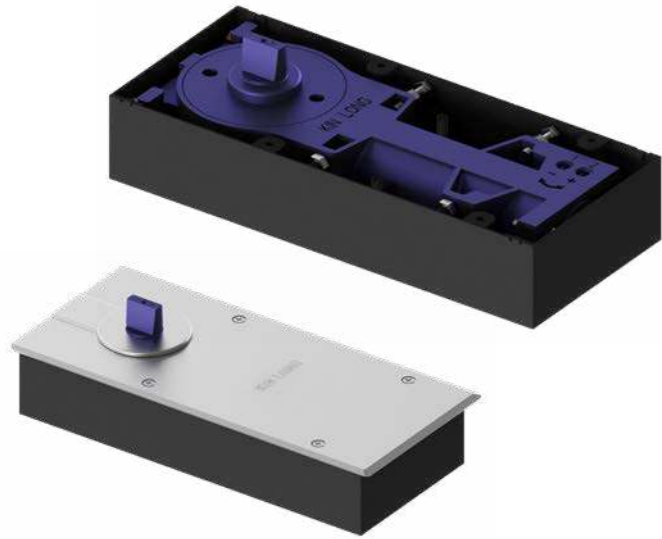
Installation Diagram



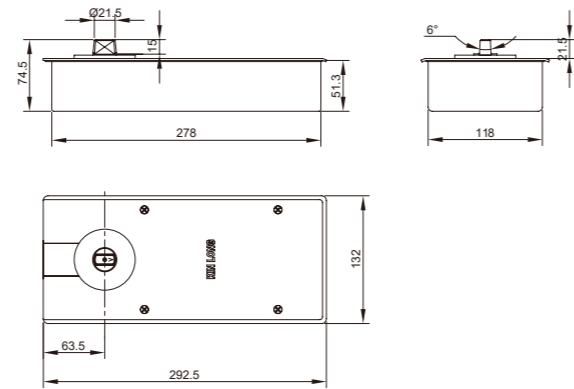
Accessories



Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.



Dimensions



HD200地弹簧安装 英文版

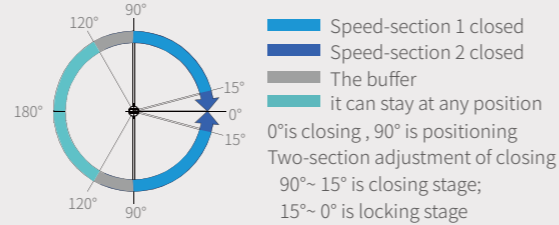


手机扫一扫可观看

HD304/HD305 Floor hinge

Technical Parameters

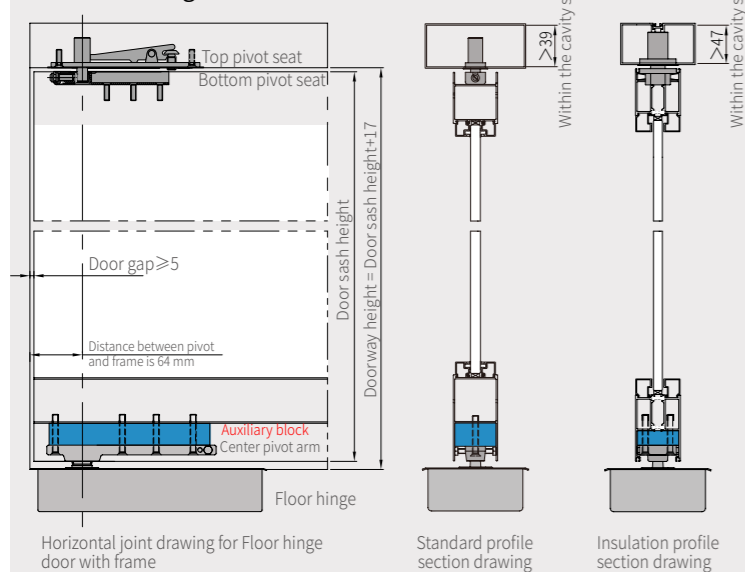
	Positioning type	90°/120°-180°hold
	Door width	650~1050mm 800~1200mm
	Maximum Loading	100kg/130kg
	Life cycle	>1,000,000 Cycles
	Speed control	Two speed section



Graphics has 90°hold function.

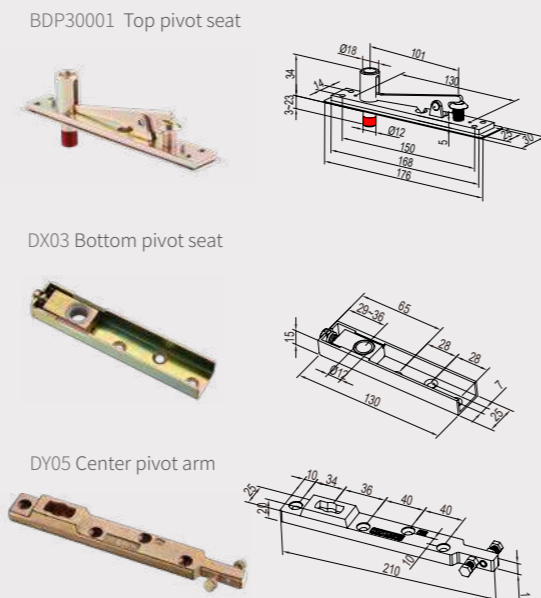
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram

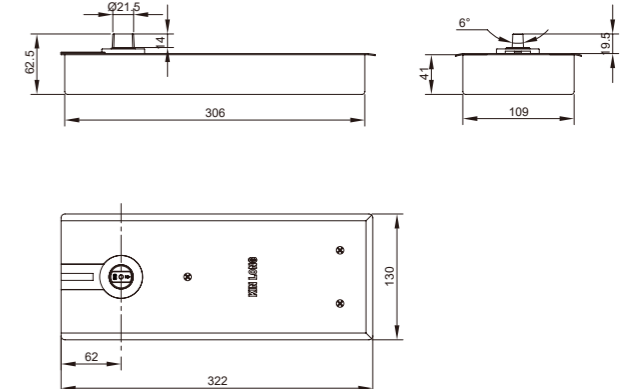


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

Accessories



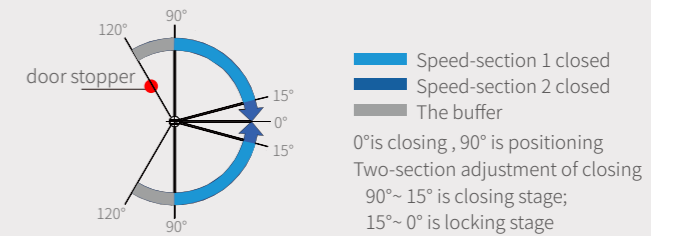
Dimensions



BDH40115-HW Floor hinge

Technical Parameters

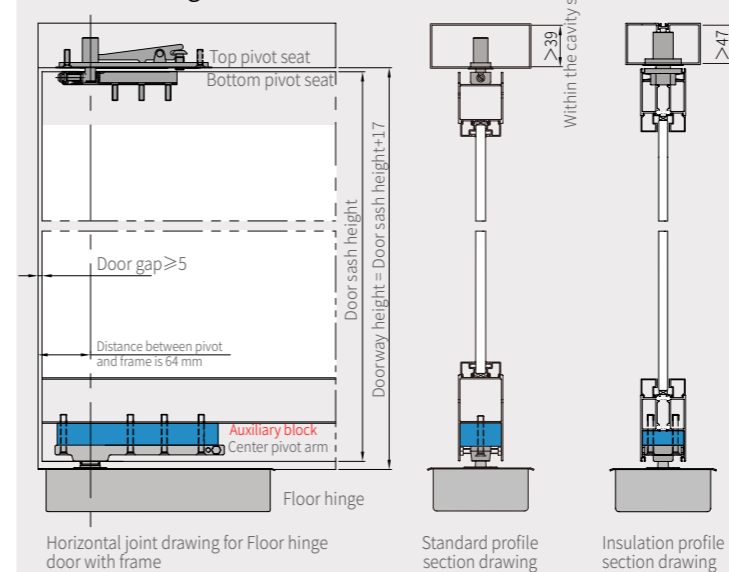
	Positioning type	90°Hold
	Door width	650~1050mm
	Maximum Loading	100kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section



Graphics has 90°hold function.

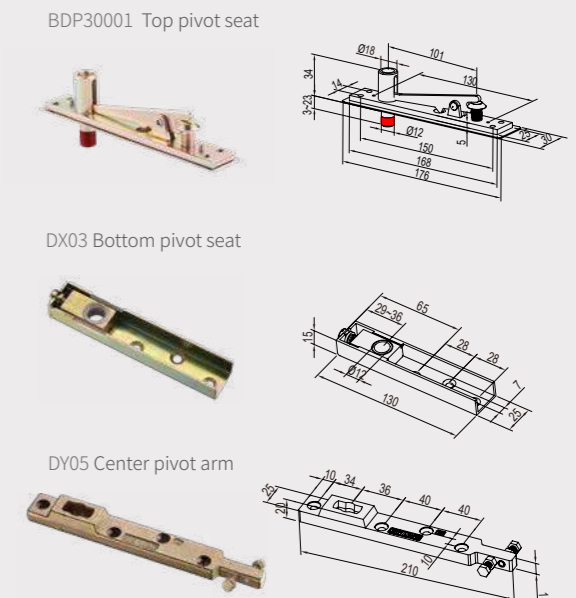
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram

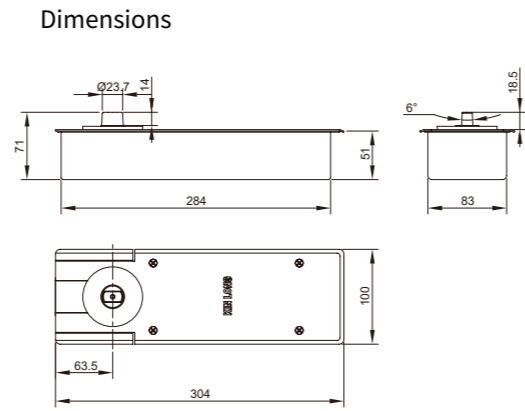


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

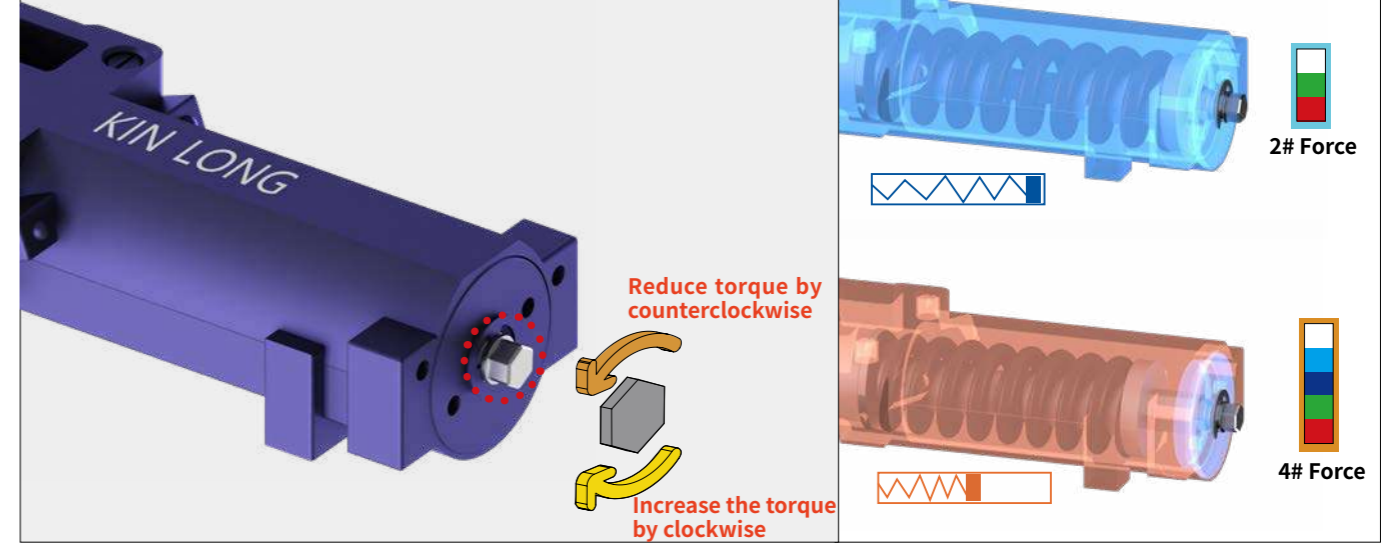
Accessories



Torque adjustable



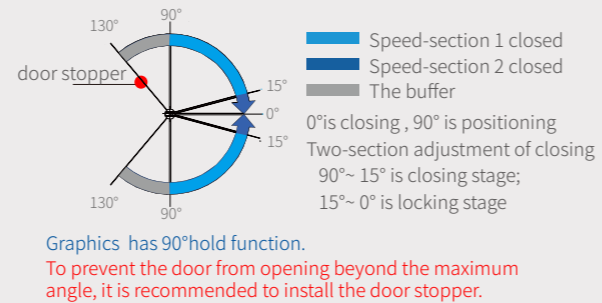
Torque adjustable diagram



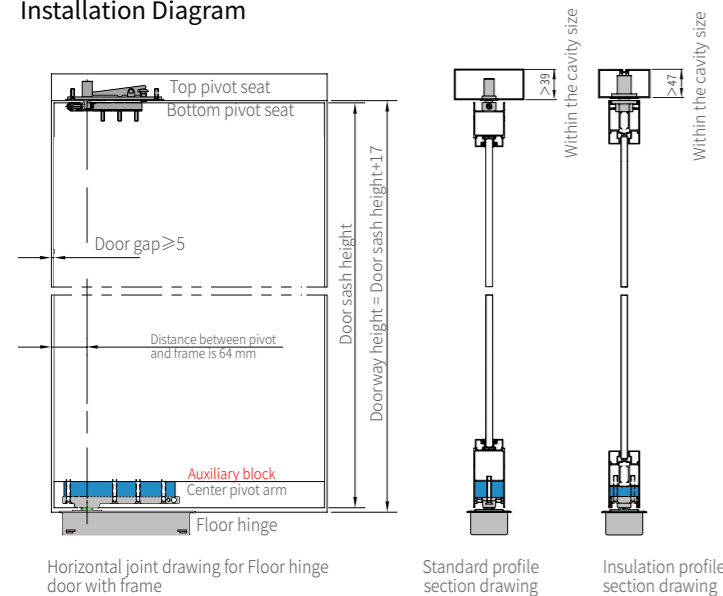
BDH20316 Floor hinge **NEW**

Technical Parameters

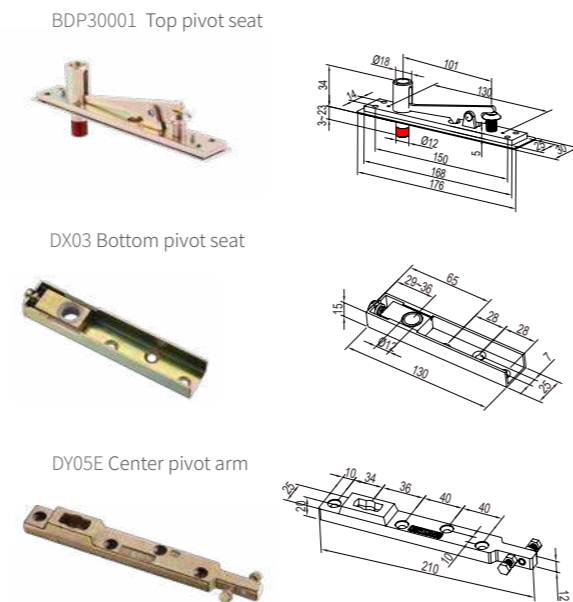
	Positioning type	90° Hold
	Door width	650~1300mm
	Maximum Loading	85~150kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section



Installation Diagram

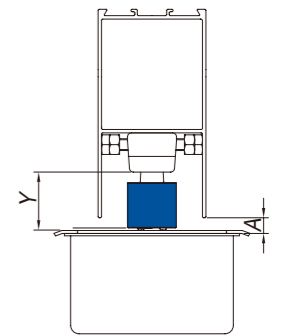
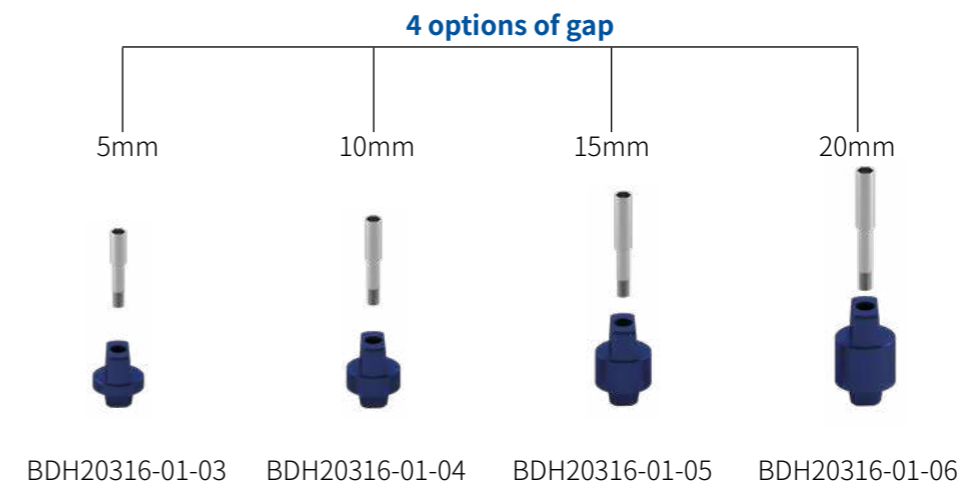


Accessories

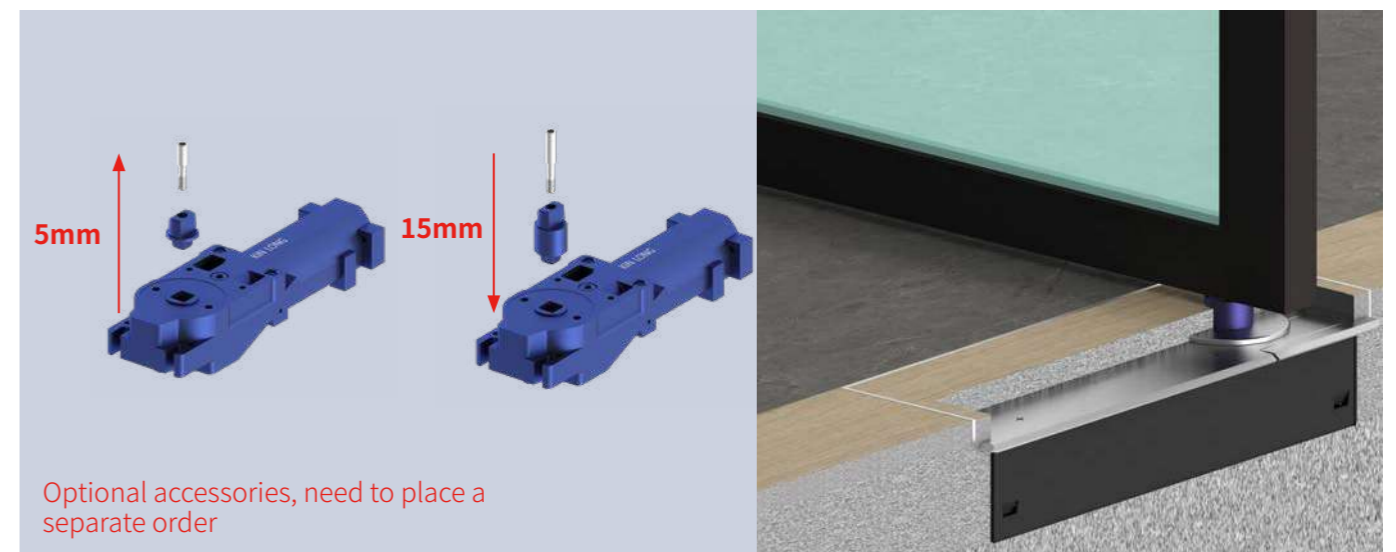


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

Accessory information



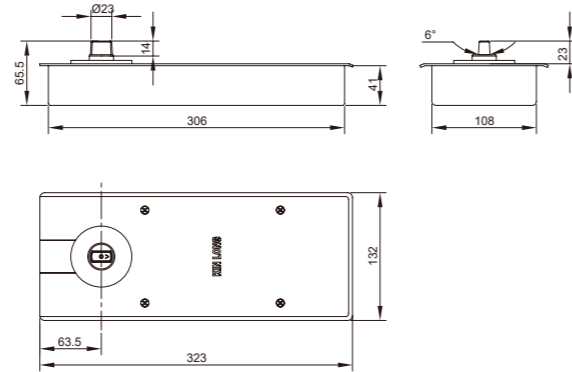
Y-A= desired non-standard height increase
Y Distance from bottom of rocker arm to ground spring cover plate
A indicates the reference value of the lower door seam 8-12mm



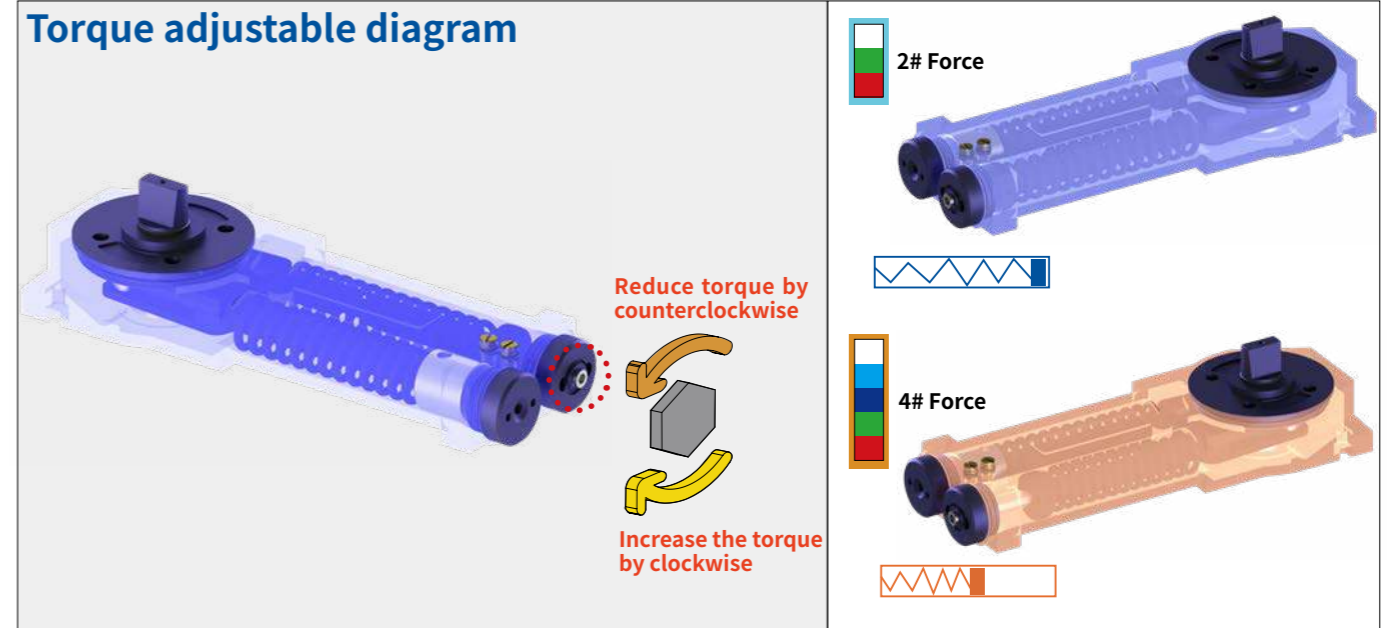
Torque adjustable



Dimensions



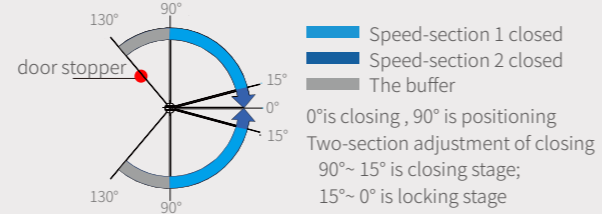
Torque adjustable diagram



BDH20416/BDH20406 Floor hinge **NEW**

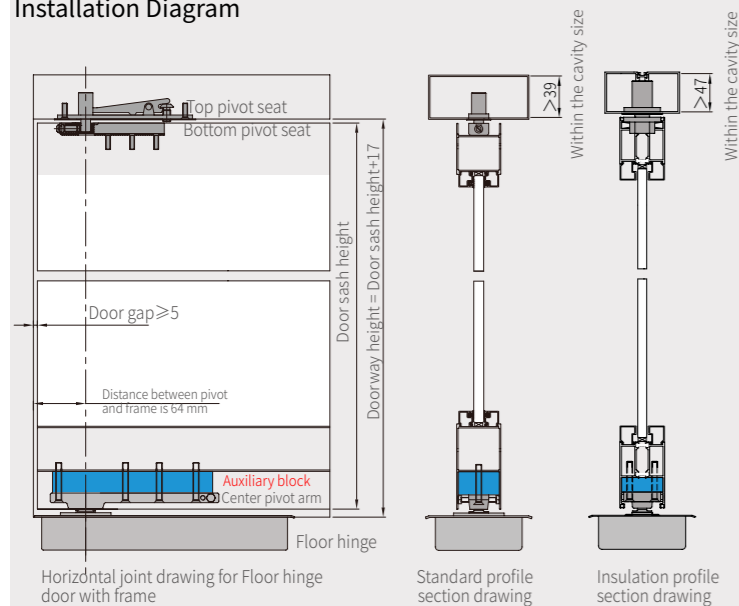
Technical Parameters

	Positioning type	90° Hold Non-hold
	Door width	650~1300mm
	Maximum Loading	85~150kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section

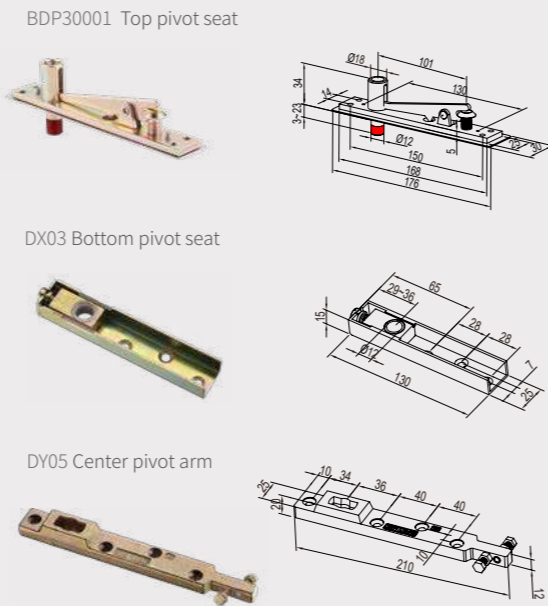


Graphics has 90° hold function.
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram

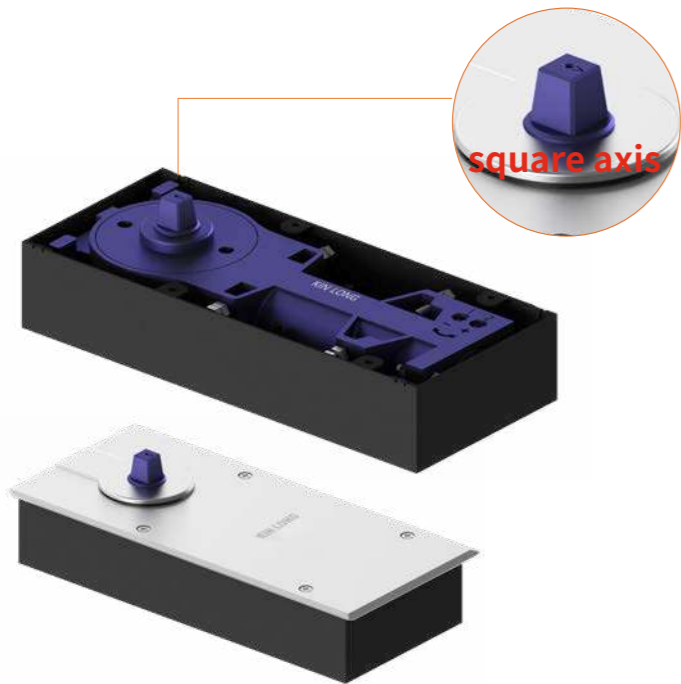


Accessories

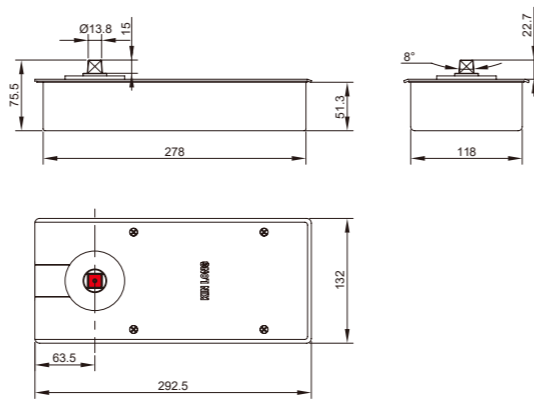


Note 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

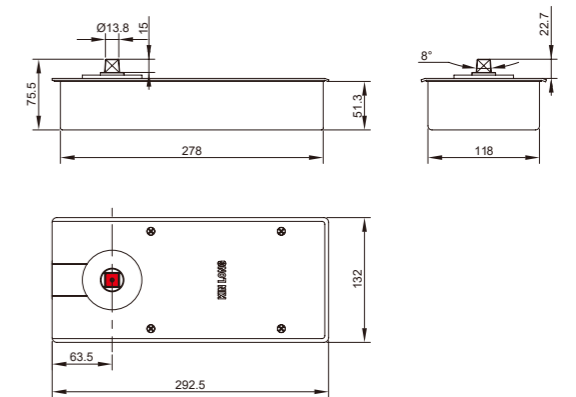




Dimensions



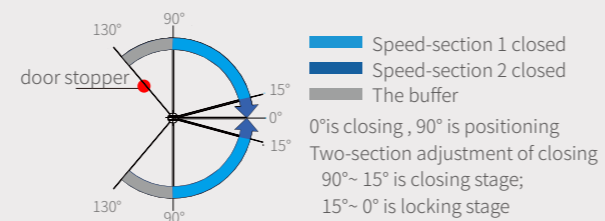
Dimensions



BDH21116/BDH21216 Floor hinge **NEW**

Technical Parameters

	Positioning type	90°Hold
	Door width	650~1050mm 800~1200mm
	Maximum Loading	100kg 130kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section

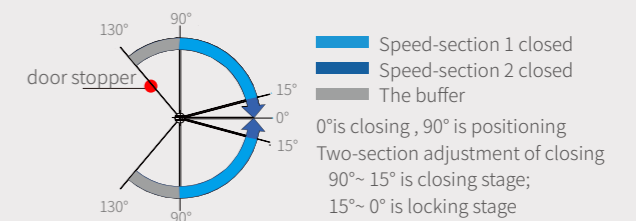


Graphics has 90°hold function.
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

BDH40216/BDH40206 Floor hinge

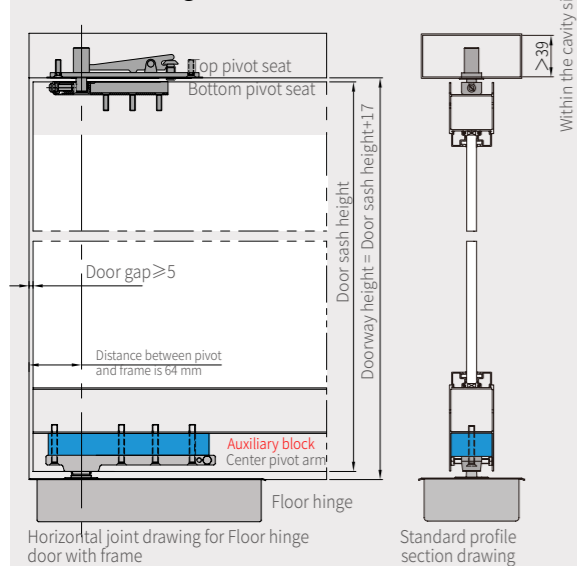
Technical Parameters

	Positioning type	90°Hold Non-hold
	Door width	1100~1300mm
	Maximum Loading	150kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section

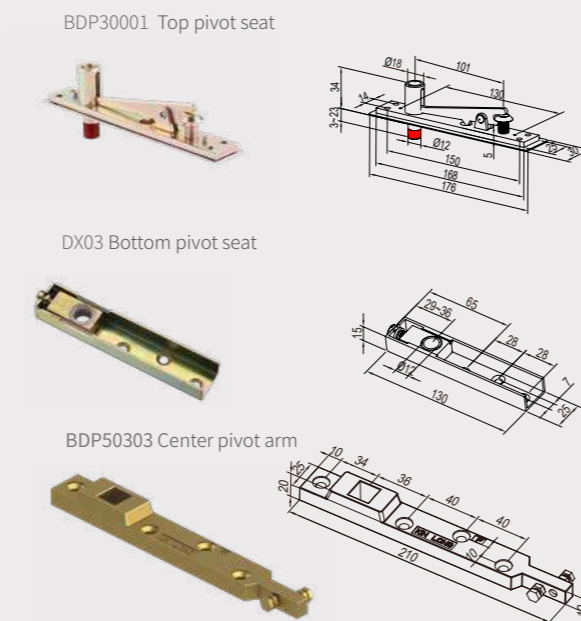


Graphics has 90°hold function.
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram

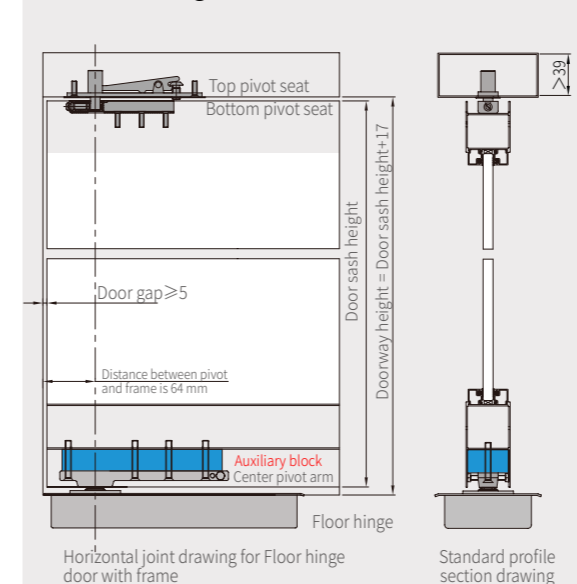


Accessories

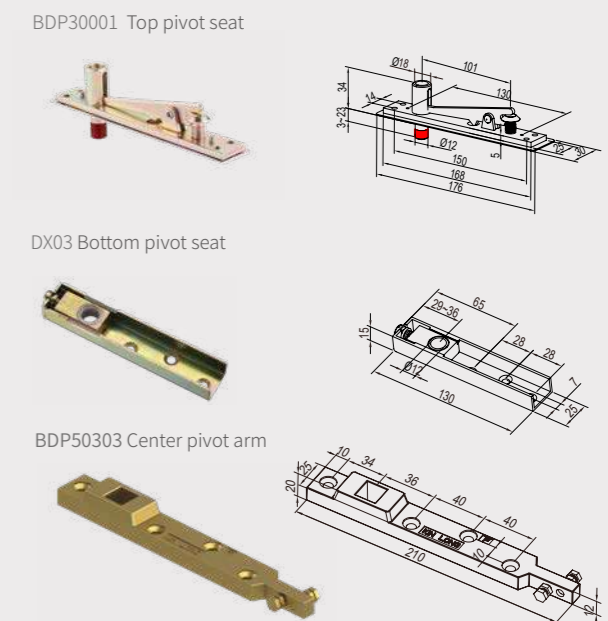


Note :1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

Installation Diagram



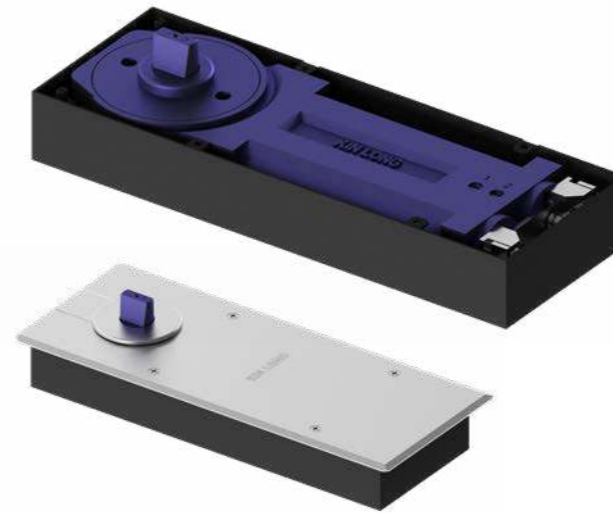
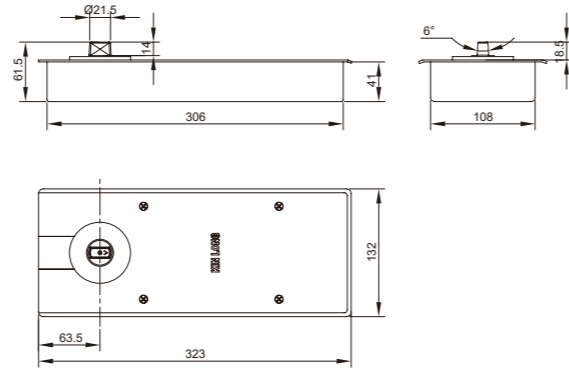
Accessories



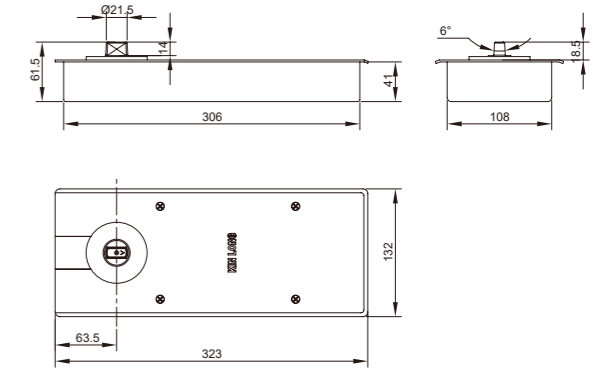
Note :1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.



Dimensions

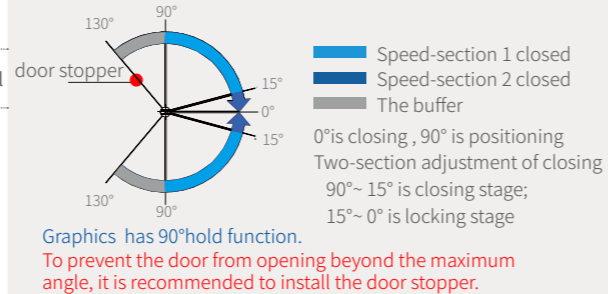


Dimensions



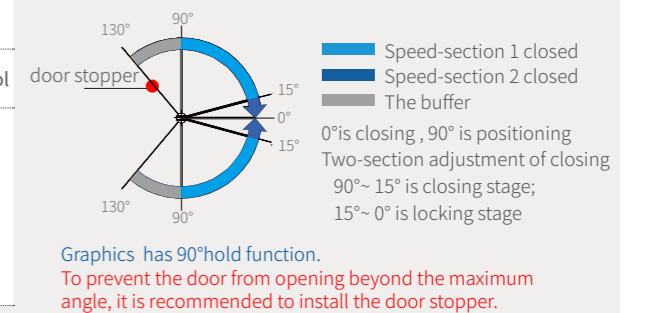
HD400 Series Floor hinge

Technical Parameters					
Code	Positioning type	Door width	Maximum Loading	Life cycle	Speed control
HD403		650~1050mm	100kg	>1,000,000 Cycles	Two speed section
HD405	90°hold	800~1200mm	130kg		
HD406		1100~1300mm	150kg		
HDF406	Non-hold				

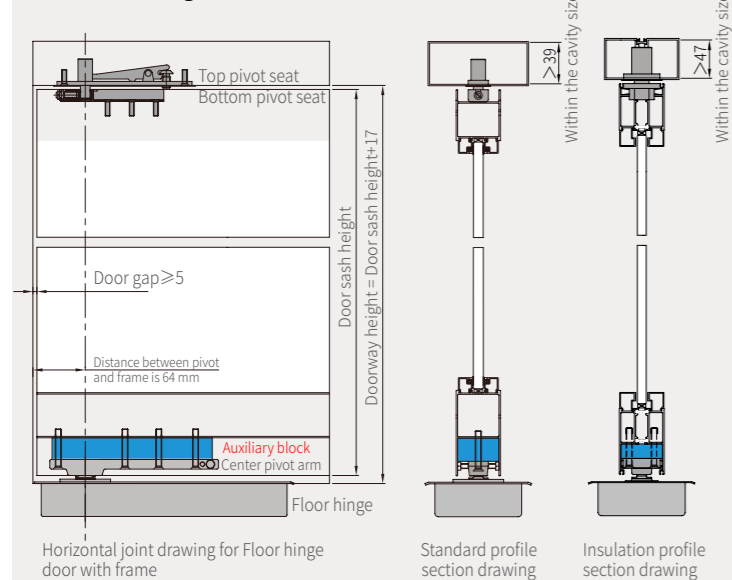


HD400 Series Floor hinge

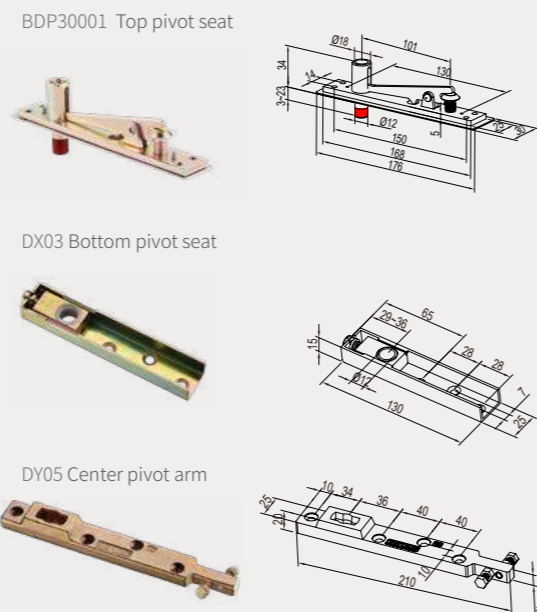
Technical Parameters					
Code	Positioning type	Door width	Maximum Loading	Life cycle	Speed control
BDH40017	90°hold	1150~1400mm	180kg	>1,000,000 Cycles	Two speed section
BDH40007	Non-hold				
HD407	90°hold	1200~1400mm	200kg		
BDH40008	Non-hold				



Installation Diagram

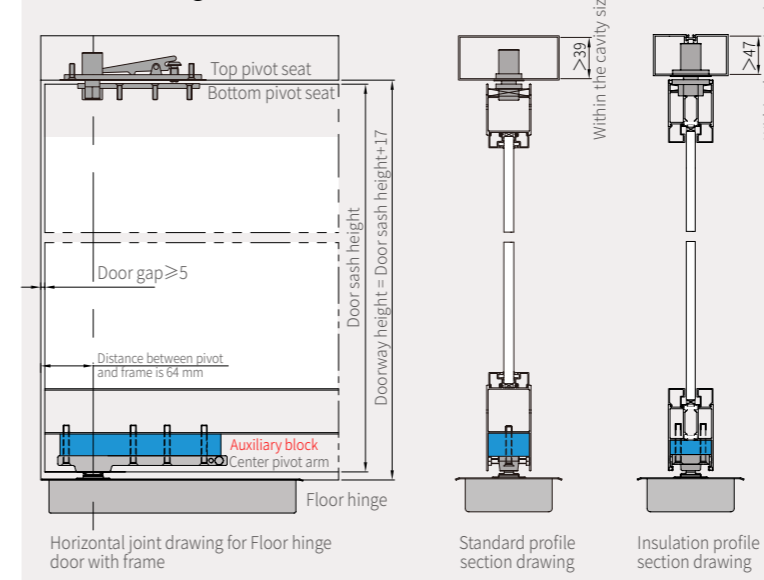


Accessories

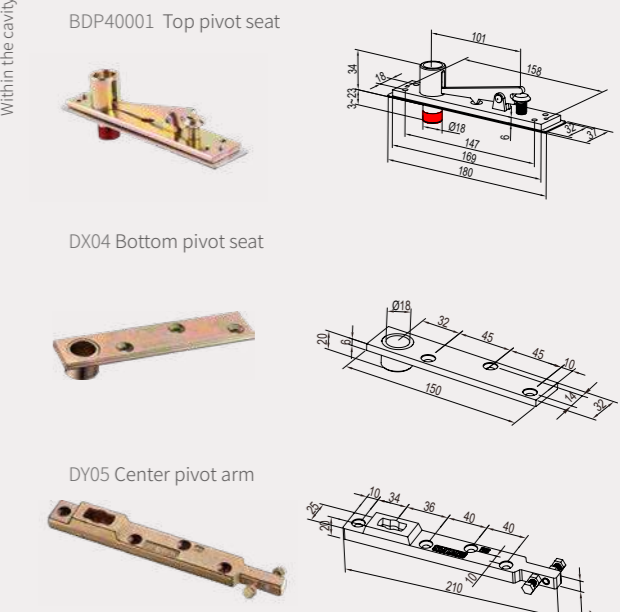


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

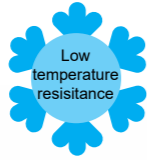
Installation Diagram



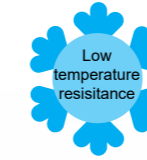
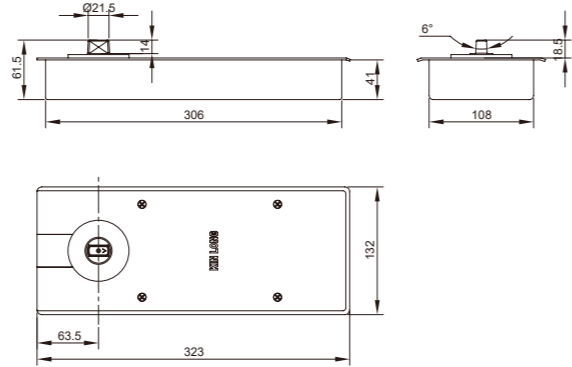
Accessories



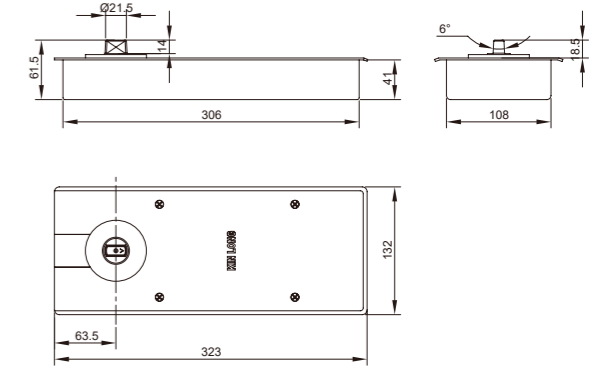
Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.



Dimensions



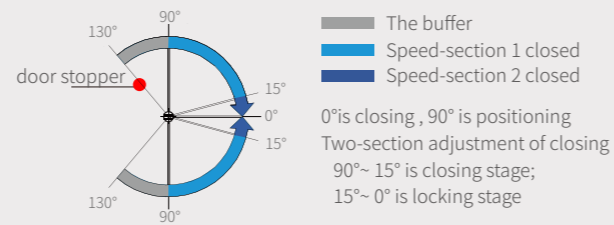
Dimensions



BDH40716 Floor hinge **NEW**

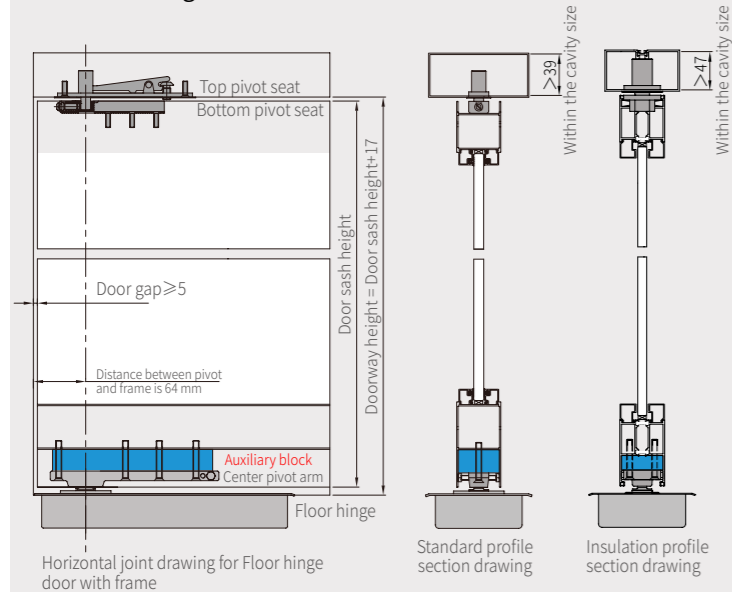
Technical Parameters

	Positioning type	90°hold
	Door width	1100~1300mm
	Maximum Loading	150Kg
	Life cycle	>1,000,000 Cycles
	Speed control	Two speed section
	Suitable Temperature	-40°C~55°C(Suitable for North cold place)

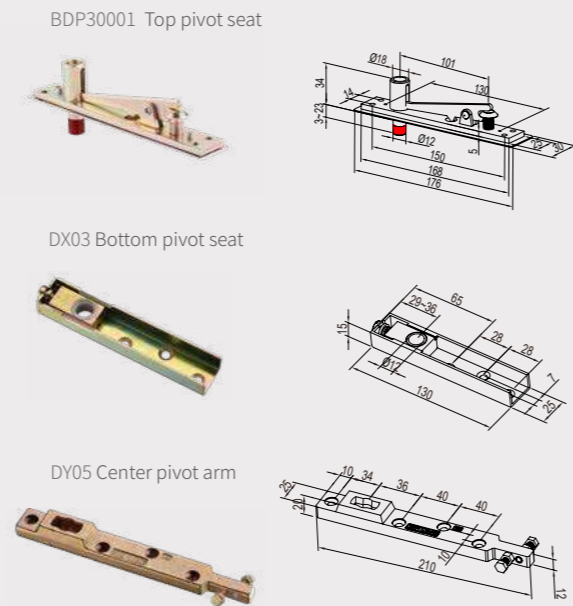


Graphics has 90°hold function.
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram



Accessories

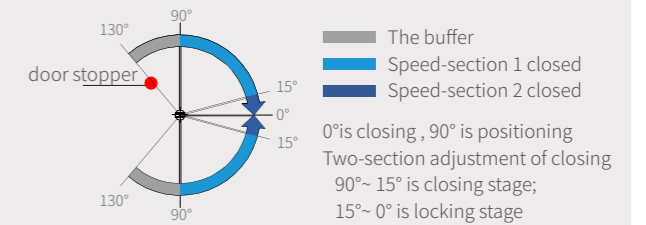


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

BDH40718 Floor hinge **NEW**

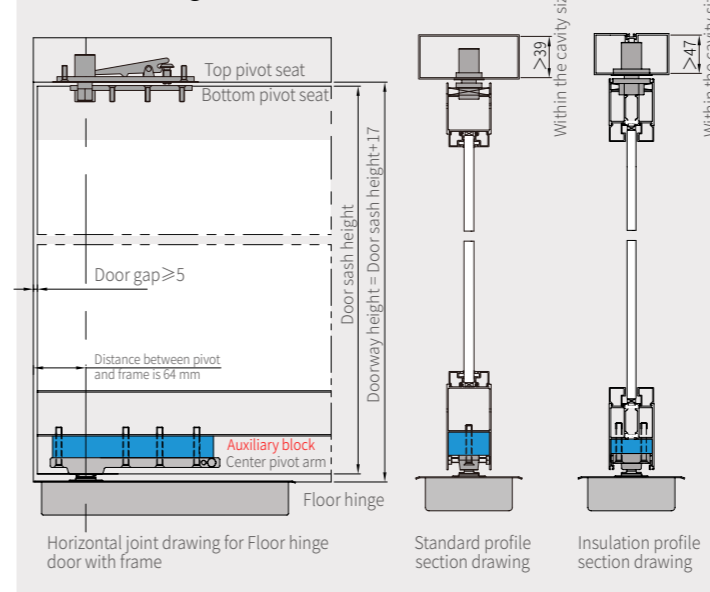
Technical Parameters

	Positioning type	90°hold
	Door width	1150~1400mm
	Maximum Loading	180Kg
	Life cycle	>1,000,000 Cycles
	Speed control	Two speed section
	Suitable Temperature	-40°C~55°C(Suitable for North cold place)

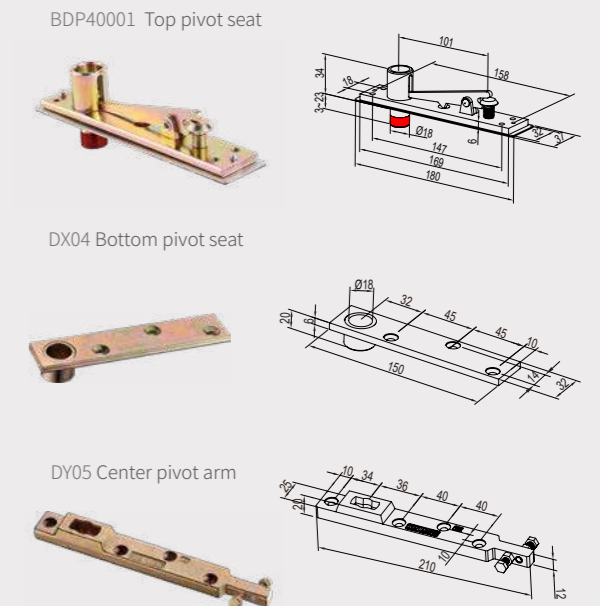


Graphics has 90°hold function.
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram



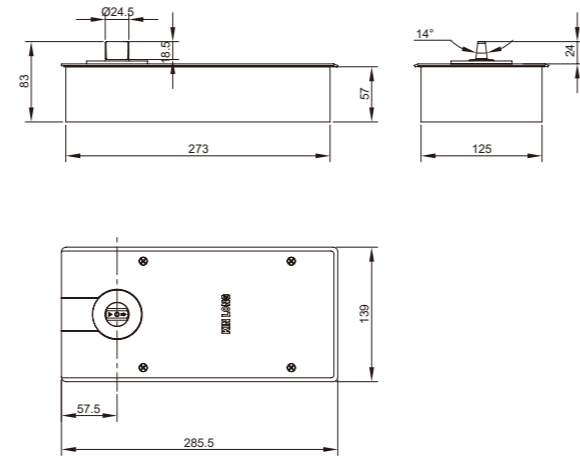
Accessories



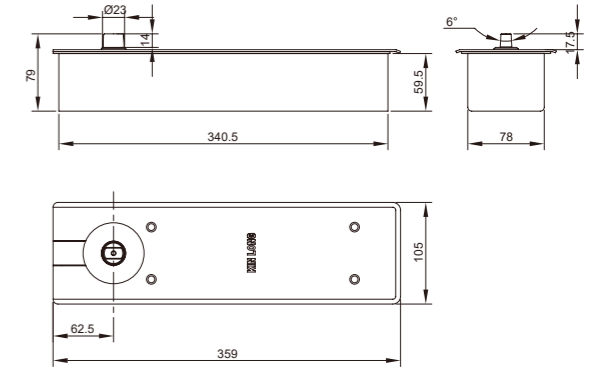
Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.



Dimensions



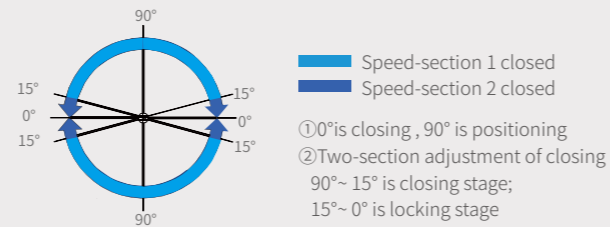
Dimensions



BDH20216 Floor hinge

Technical Parameters

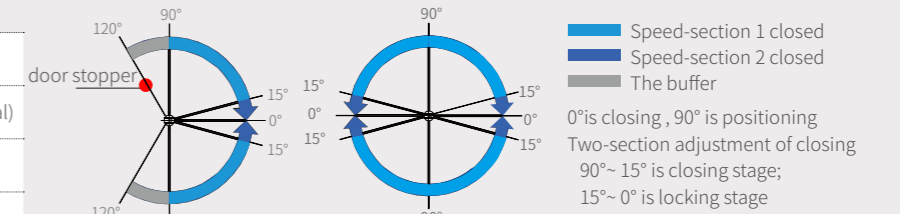
	Positioning type	90° Hold
	Door width	650~750mm(Unilateral)
	Maximum Loading	150kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section



BDH50112 Floor hinge

Technical Parameters

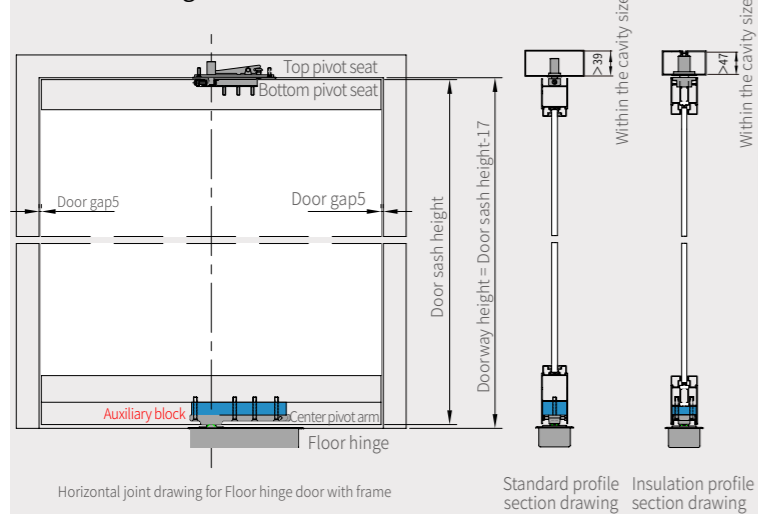
	Positioning type	90° hold
	Door width	1100~1250mm(Unilateral)
	Maximum Loading	300kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section



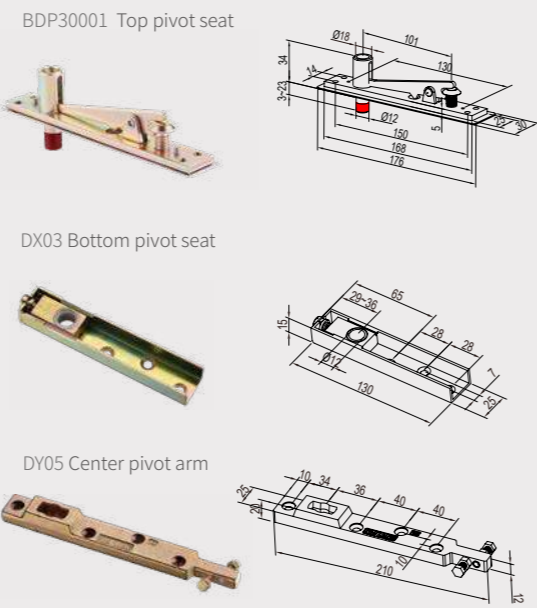
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

It can be installed in the center or on the side

Installation Diagram

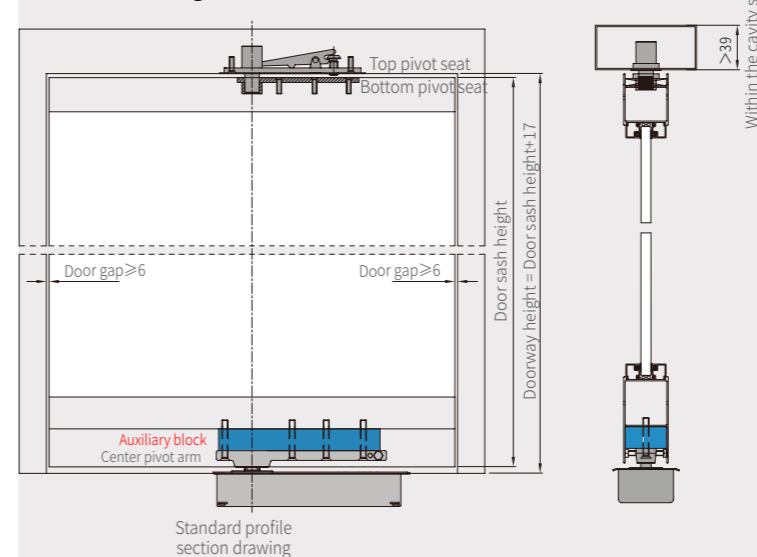


Accessories

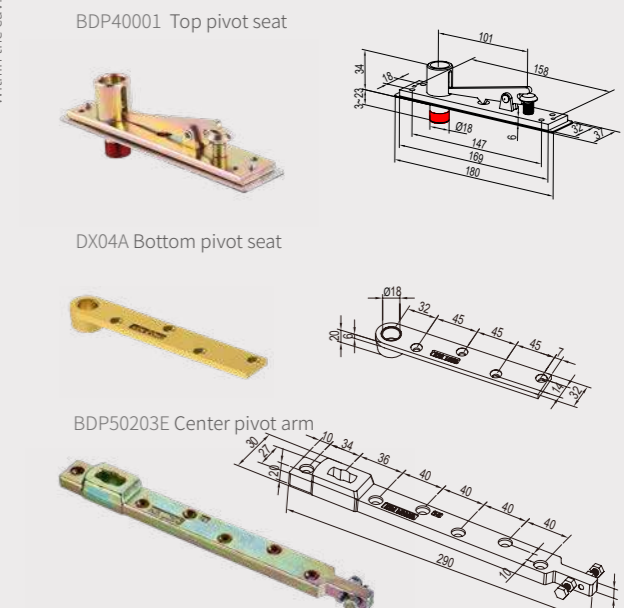


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

Installation Diagram

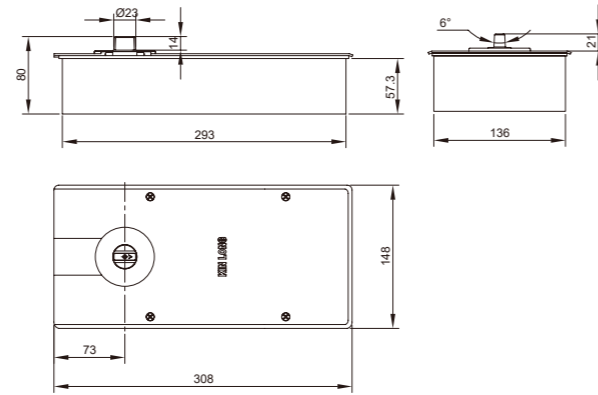


Accessories

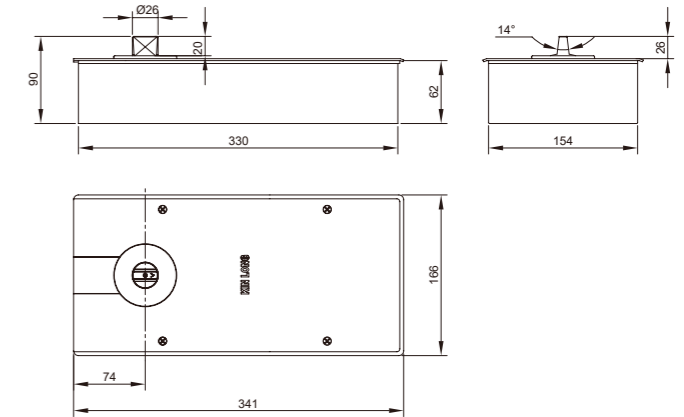


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

Dimensions



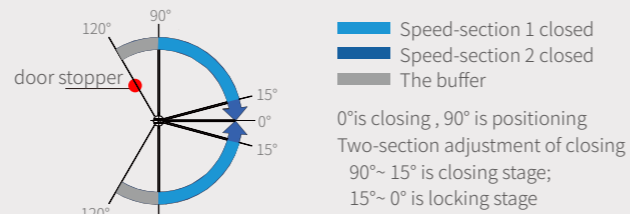
Dimensions



BDH50011/BDH50001 Floor hinge

Technical Parameters

	Positioning type	90°Hold Non-hold
	Door width	1200~1400mm
	Maximum Loading	250kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section

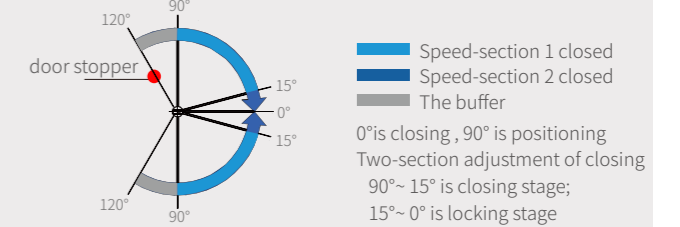


Graphics has 90°hold function.
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

BDH50012 Floor hinge

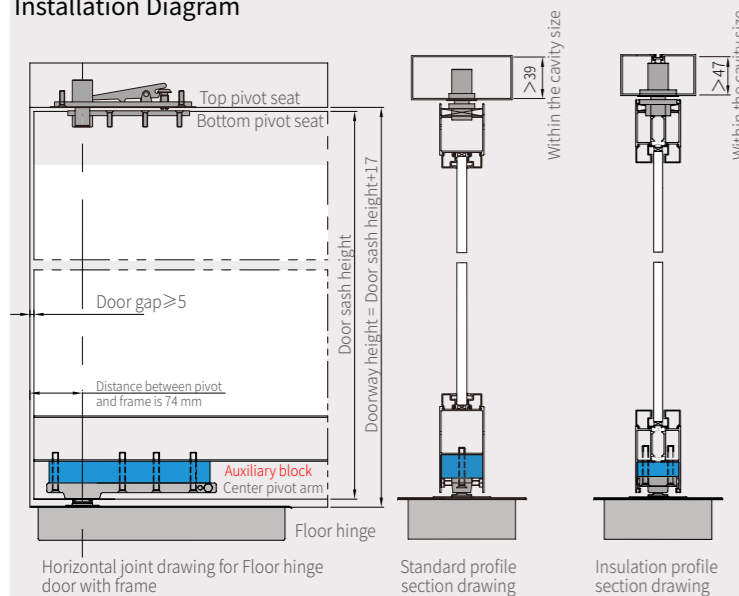
Technical Parameters

	Positioning type	90°Hold
	Door width	1200~1500mm
	Maximum Loading	300kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section

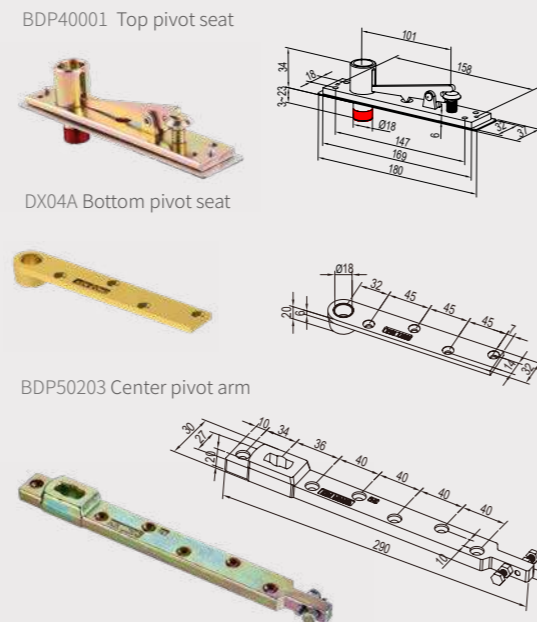


Graphics has 90°hold function.
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Installation Diagram

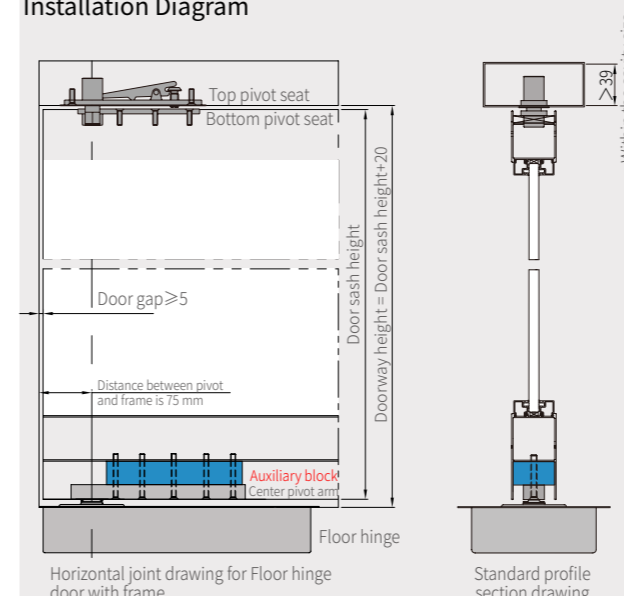


Accessories

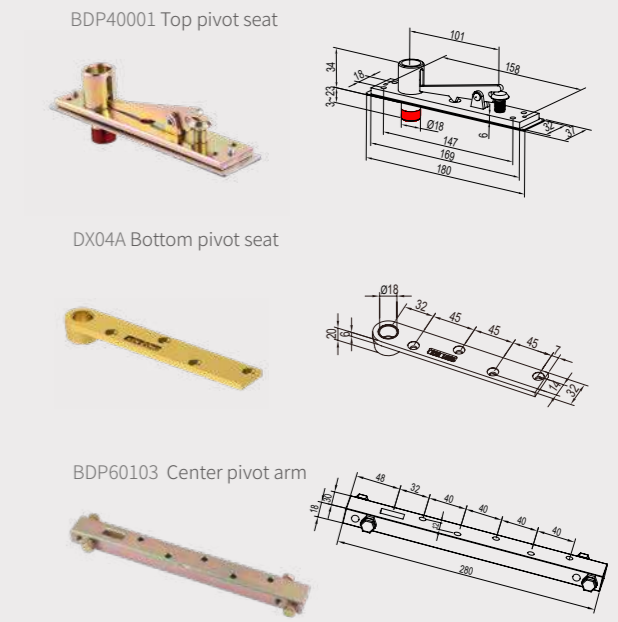


Note: 1. Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.
2. Insulation profile accessories need to be purchased separately, technical parameters as Page 41.

Installation Diagram

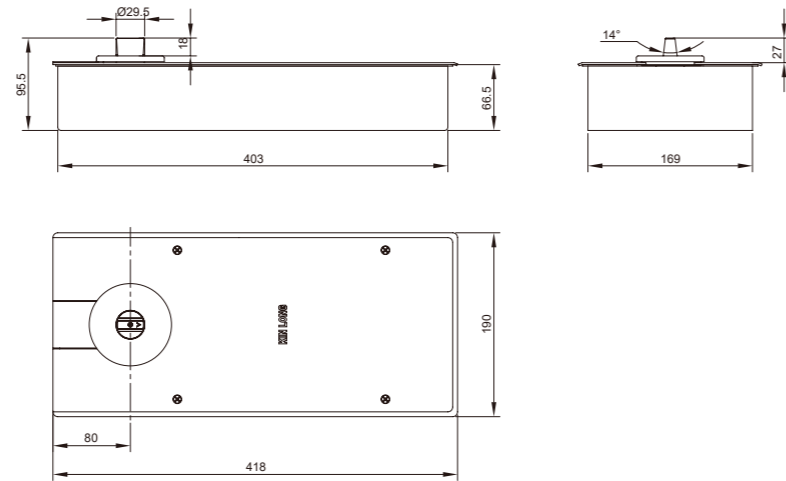


Accessories



Note: Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.

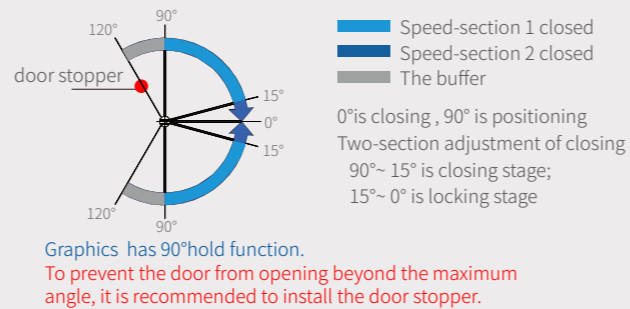
Dimensions



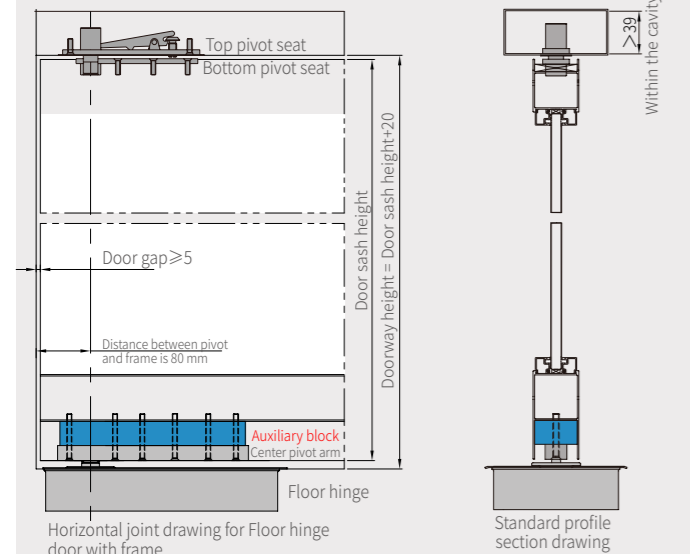
BDH50013/BDH50014 Floor hinge

Technical Parameters

	Positioning type	90°Hold
	Door width	1200~1500mm
	Maximum Loading	350kg 400kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section

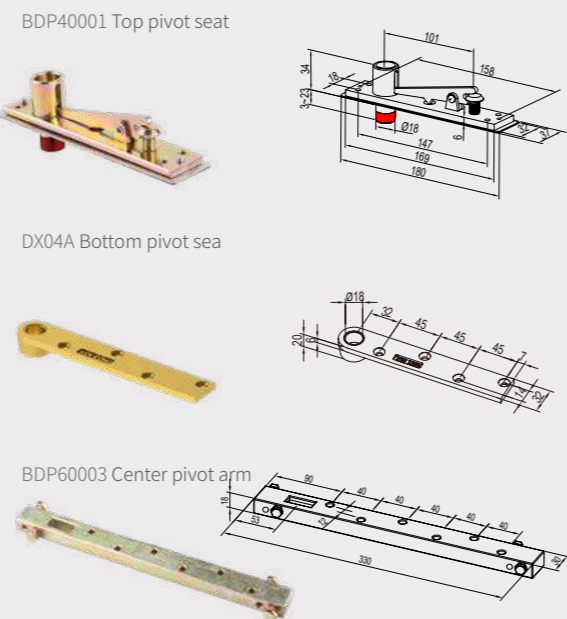


Installation Diagram



Note: Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile

Accessories



Configuration comparison table of standard floor hinge accessories

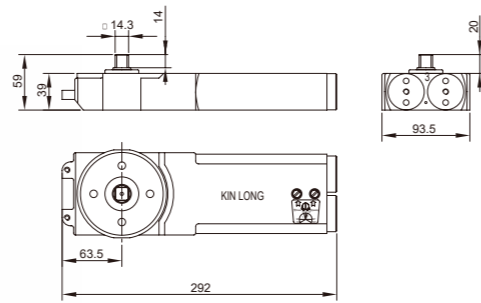
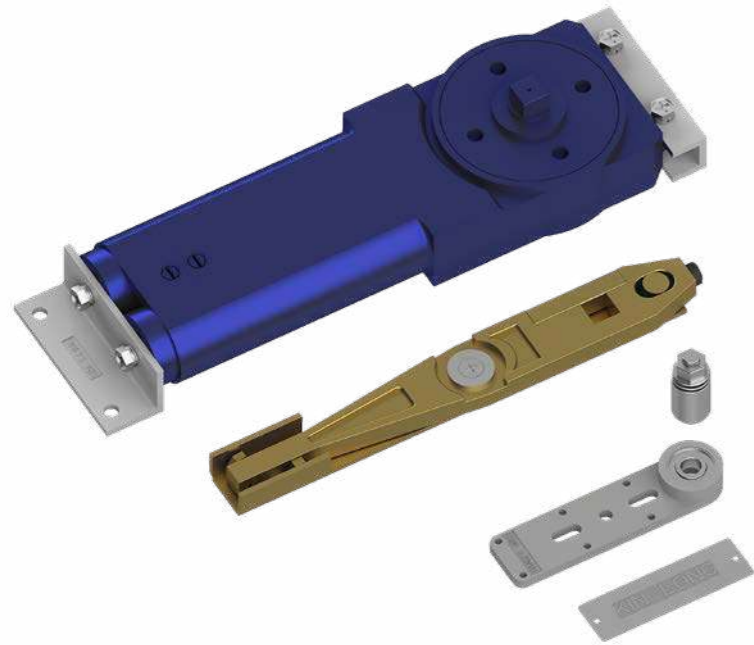
No.	Floor hinge code	Standard profile			Insulation profile							
		Top pivot seat code	Bottom pivot seat code	Center pivot arm code	Top pivot seat code	Bottom pivot seat code	Center pivot arm code					
1	BDH80116/BDH80216	BDP30001	DX03	DY05	BDP70001/ BDP70201/ BDP70301	DX07/BDP70202/ BDP70302/ BDP70402	DY07/BDP70203/ BDP70303					
2	HD101/HDF101	DS05	DX05									
3	HD102/BDH10305											
4	BDH10214											
5	HD201/BDH20505											
6	BDH20216											
7	HD203/HDF203	BDP30001	DX03					DY05E				
8	HD204											
9	BDH20314/BDH20304											
10	BDH20315/BDH20305											
11	HD205/HDF205											
12	BDH21315/BDH21316											
13	HD304											
14	HD305											
15	HD403											
16	HD405											
17	HD406/HDF406			BDP30201	BDP30202	BDP30203						
18	BDH40716											
19	BDH20416/BDH20406											
20	BDH20316											
21	BDH20814/BDH20804											
22	BDH21116	BDP30001	DX03				BDP50303					
23	BDH21216											
24	BDH40216/BDH40206											
25	BDH40017/BDH40007											
26	BDH40718											
27	HD407/BDH40008											
28	BDH50011/BDH50001			BDP40001	DX04	DY05		BDP70001	DX07	DY07		
29	BDH50112										DX04A	BDP50203 BDP50203E BDP60103 BDP60003
30	BDH50012											
31	BDH50013											
32	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

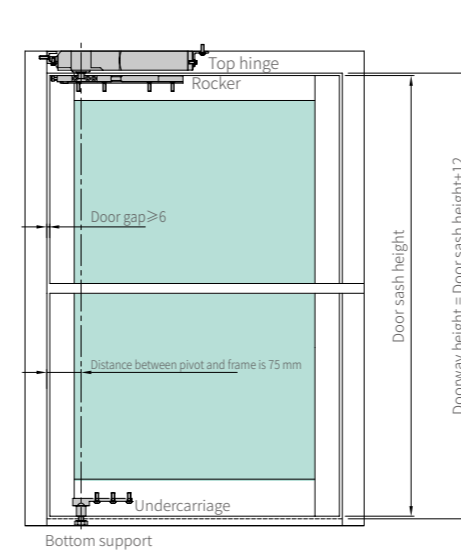
Dimensions



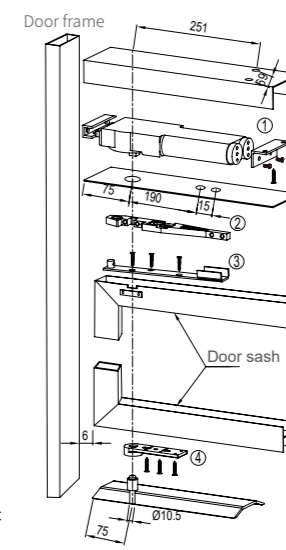
Top hinge

Technical Parameters		BDH60015	BDH60016	BDH60017	Application Performance
Positioning type	90°hold	●	●	●	<p> ■ Speed-section 1 closed ■ Speed-section 2 closed ■ The buffer </p> <p> 0° is closing, 90° is positioning Two-section adjustment of closing 90°~15° is closing stage; 15°~0° is locking stage </p> <p> ■ Graphics has 90°hold function. ■ To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper. </p>
Door width	800~1000mm	●			
	650~1050mm		●		
	750~1100mm			●	
Maximum Loading	85kg	●			
	100kg		●		
	120kg			●	
Life cycle	>500,000 Cycles	●	●	●	
Main Material	Main body-Grey cast-iron	●	●	●	
Speed control	Two speed section	●	●	●	
Suitable Temperature	-15°C~40°C	●	●	●	
Max open degree	130°	●	●	●	
Structure of main body	Double-cylinder	●	●	●	
Spindle	Square Shaft	●	●	●	

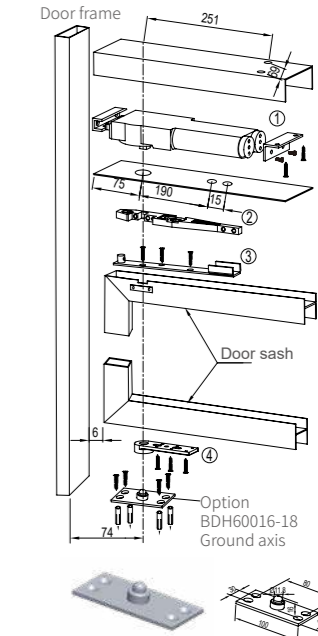
Installation Diagram



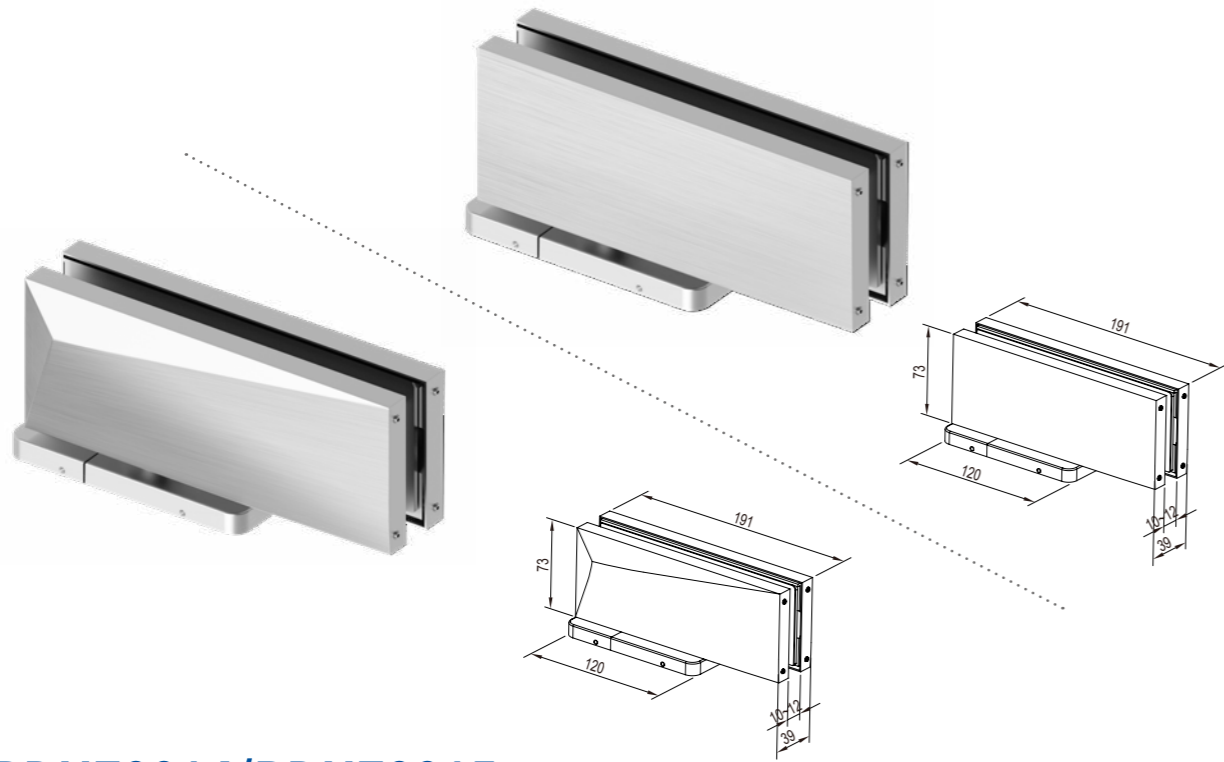
Installation instructions for standard accessories



Installation instructions for optional accessories



BDH70114/BDH70115



BDH70014/BDH70015

Concealed Floor Hinge

Technical Parameters	BDH70014	BDH70015	Application Performance
	BDH70114	BDH70115	
Positioning type	90°hold	●	●
Door width	650~800mm	●	
	750~900mm		●
Maximum Loading	85Kg	●	
	100Kg		●
Life cycle	>300,000 Cycles	●	●
Main Body Material	Aluminum alloy	●	●
Speed control	Two speed section	●	●
Suitable Temperature	-15°C~40°C	●	●
Max open degree	120°	●	●
Spindle	3°	●	●
Structure of main body	Mirror + Satin	●	●
Steel cover thickness	1.0mm	●	●
Steel cover material	S.S 304	●	●
glass thickness	10~12mm	●	●

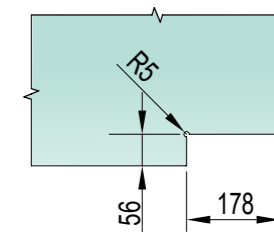
0° is closing, 90° is positioning
Two-section adjustment of closing
90°~15° is closing stage;
15°~0° is locking stage



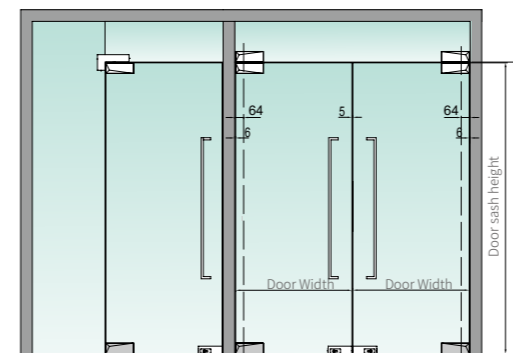
Functional Characteristic

Passed the test of industrial standard QB/T 2697.
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 $\pm 4^\circ$.
The door sash can be opened in both directions, one-way opening must be realized by other methods.
It's suitable for the frameless glass door.

Cut-out Drawing



Installation Diagram and Product Drawing



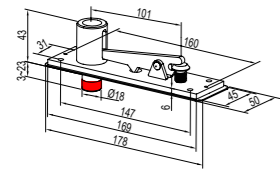
Glass door sash height cutting size = doorway - 20 (upper and lower door seam)

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

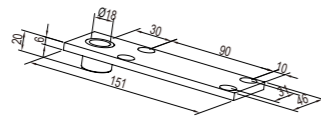
No.	Supporting gate control products	Page	BDH70014 BDH70015	BDH70114 BDH70115
1	Upper patch KMJ44320	P121	●	
2	Top patch KMJ44330	P121	●	
3	Upper patch KMJ4432A	P122		●
4	Top patch KMJ4433A	P122		●
5	Top pivot seat BDP30001/DS05	P16/P12	●	●
6	Top Pivot KHY53520/ KHY53511	P174	●	●

Accessories for insulation profile

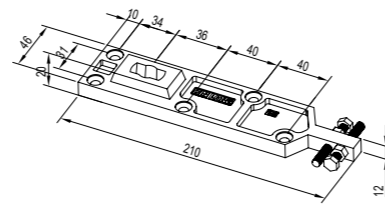
■ BDP70001 Top pivot seat



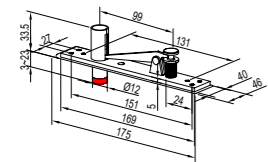
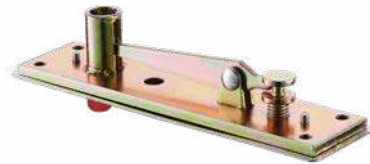
■ DX07 Bottom pivot seat



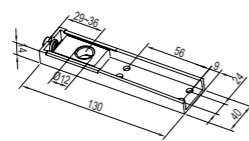
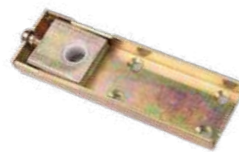
■ DY07 Center pivot arm



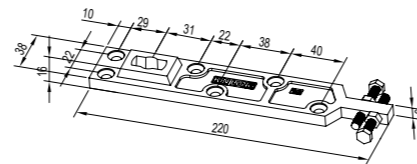
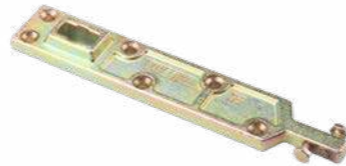
■ BDP70201 Top pivot seat



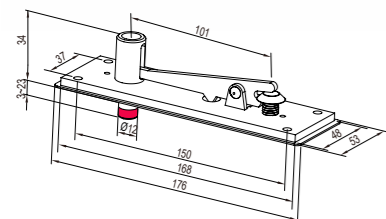
■ BDP70202 Bottom pivot seat



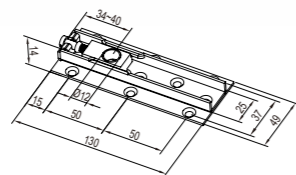
■ BDP70203 Center pivot arm



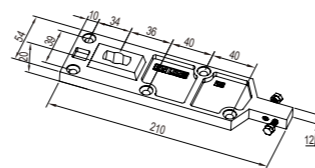
■ BDP70301 Top pivot seat



■ BDP70302 Bottom pivot seat

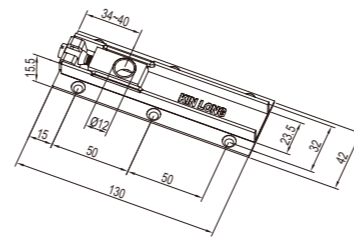


■ BDP70303 Center pivot arm



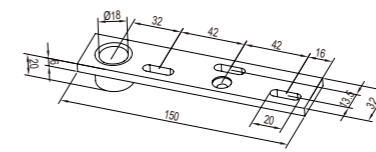
Accessories for circular tube profile

■ BDP70402 Bottom pivot seat

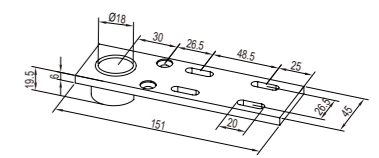


Other optional accessories

■ BDP40002 Bottom pivot seat (Adjustable)

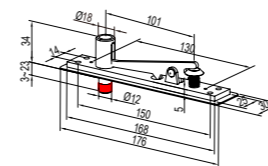


■ BDP70002 Bottom pivot seat (Adjustable)

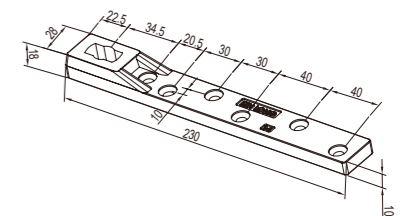


Accessories for circular tube profile

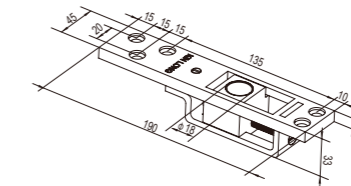
■ BDP30001 Top pivot seat



■ DY09A Center pivot arm



■ BDP60202 Bottom pivot seat **NEW** (Adjustable)



Suitable for large load-bearing floor hinge
BDH50011, BDH50001,
BDH50012, BDH50013,
BDH50014

Floor Hinge

Floor Hinge

Safety chain (selective accessories)

■ BDP10001 Safety chain



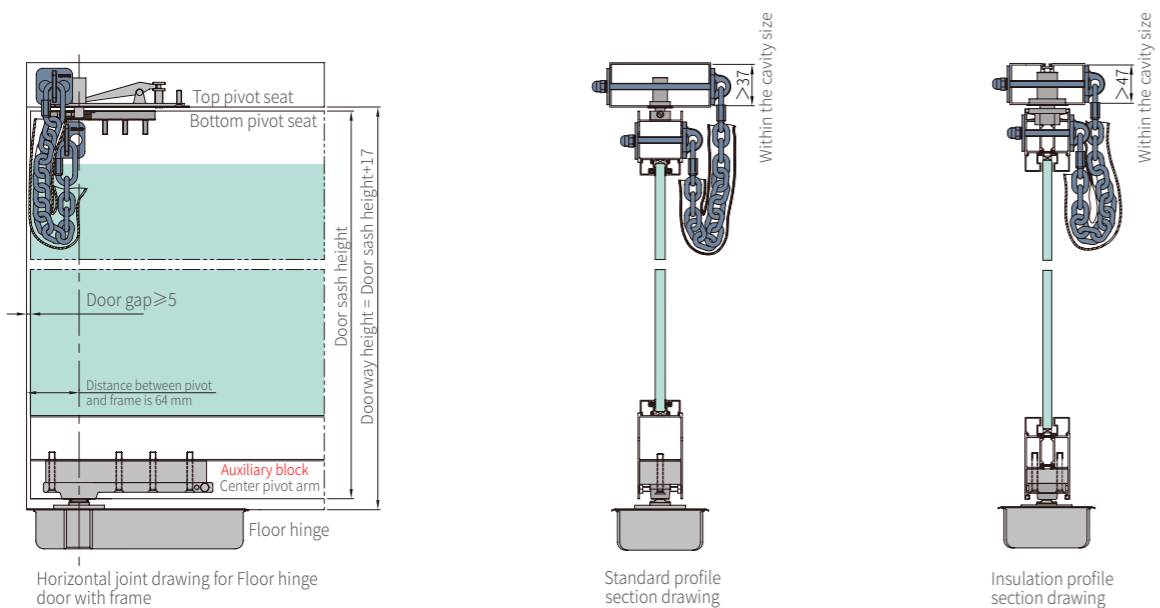
Installation location: Installed at the top of the door sash and door frame
Applicable door weight: 65~400kg

■ BDP10002 Safety chain



Installation location: Installed at the top of the door sash and door frame
Applicable door weight: 65~400kg
Applicable door sash thickness is 40~90mm
Applicable door frame thickness is 70~130mm

Installation Diagram

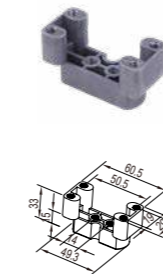


Auxiliary block of floor hinge accessories (optional)

■ BDP10201 Upper pivot seat block



■ BDP10301 Upper pivot seat block



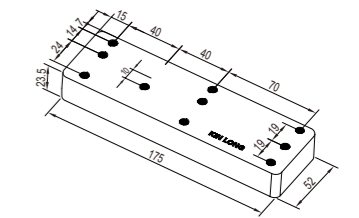
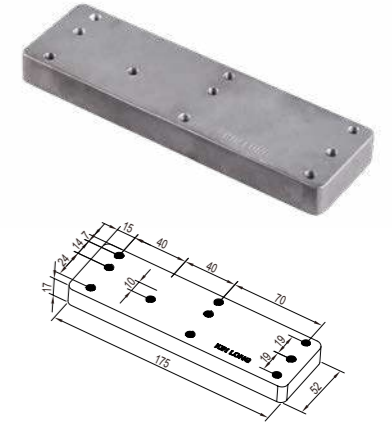
■ BDP10202 Pivot base block



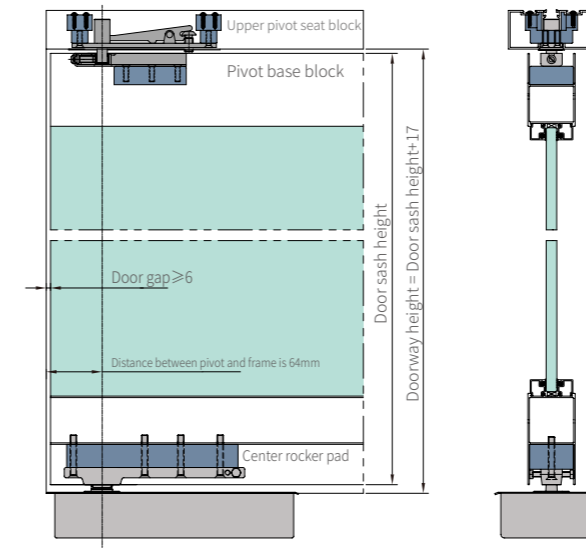
■ BDP10303 Center rocker pad



■ BDP10203 Center rocker pad



Installation Diagram



Note: Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile

Floor hinge accessories auxiliary block

Name	Code	Upper pivot seat block	Pivot base block	Center rocker pad
Top pivot seat	DS05	BDP10201/ BDP10301	/	/
	BDP30001			
Bottom pivot seat	DX05	/	BDP10202	/
	DX03			
Center pivot arm	DY05	/	/	BDP10203/ BDP10303

Frameless door configuration table

NO.	Product code	Positioning type	Door width	Maximum Loading	Floor hinge page	Patch series page	Bracket page	Long patch series page
1	BDH80116	Remote control 90° positioning	700~1200mm	150Kg	P7	P134	/	P147
2	BDH80216	Remote control 90° positioning	700~1200mm	150Kg	P7	P134	/	P147
3	BDH20814/BDH20804(New)	90°/Non-hold	650~900mm	70kg	P11	P123-P132	P141	/
4	BDH10214	90°hold	650~900mm	85kg	P12	P123-P132	P141	/
5	HD102/BDH10305	90°/Non-hold	650~900mm	90Kg	P13	P123-P132	P141	/
6	HD201/BDH20505	90°/Non-hold	650~1050mm	90Kg	P14	P123-P132	P141	/
7	HD101/HDF101	90°/Non-hold	650~1050mm	100Kg	P15	P123-P132	P141	/
8	BDH20314/BDH20304	90°/Non-hold	650~1050mm	100Kg	P16	P123-P132	P141	/
9	BDH20315/BDH20305	90°/Non-hold	800~1200mm	130Kg	P16	P123-P136	P141~P143	P147
10	HD203/HDF203	90°/Non-hold	650~1050mm	100Kg	P17	P123-P132	P141	/
11	HD204	90°hold	750~1100mm	115Kg	P17	P123-P136	P141~P143	P147
12	HD205/HDF205	90°/Non-hold	800~1200mm	130Kg	P17	P123-P136	P141~P143	P147
13	BDH21315(New)	90°hold	650~1050mm	100Kg	P18	P123-P132	P141	/
14	BDH21316(New)	90°hold	800~1200mm	130Kg	P18	P123-P136	P141~P143	P147
15	HD304	90°及120°-180°hold	650~1050mm	100Kg	P19	P123-P132	P141	/
16	HD305	90°及120°-180°hold	800~1200mm	130Kg	P19	P123-P136	P141~P143	P147
17	BDH40115-HW	90°hold	650~1050mm	100Kg	P20	P123-P132	P141	/
18	BDH20316(New)	90°hold	650~1300mm	85~150kg	P21	P123-P136	P141~P143	P147
19	BDH20416/BDH20406(New)	90°/Non-hold	650~1300mm	85~150kg	P23	P123-P136	P141~P143	P147
20	BDH21116(New)	90°hold	650~1050mm	100Kg	P25	P123-P132	P141	/
21	BDH21216(New)	90°hold	800~1200mm	130Kg	P25	P123-P136	P141~P143	P147
22	BDH40216/BDH40206	90°/Non-hold	1100~1300mm	150Kg	P26	P134	/	P147
23	HD403	90°hold	650 ~ 1050mm	100Kg	P27	P123-P132	P141	/
24	HD405	90°hold	800~1200mm	130Kg	P27	P123-P136	P141~P143	P147
25	HD406/HDF406	90°/Non-hold	1100~1300mm	150Kg	P27	P134	/	P147
26	BDH40017/BDH40007	90°/Non-hold	1150~1400mm	180Kg	P28	P134-P140	/	P147~P149
27	HD407/BDH40008	90°/Non-hold	1200~1400mm	200Kg	P28	P137	/	P149
28	BDH40716(New)	90°hold	1100~1300mm	150Kg	P29	P134	/	P147
29	BDH40718(New)	90°hold	1150~1400mm	180Kg	P30	P134-P140	/	P147~P149
30	BDH20216	90°hold	650~750mm(Unilateral)	150Kg	P31	P134	/	P147
31	BDH50112	90°hold	1100~1250mm(Unilateral)	300Kg	P32	/	/	/
32	BDH50011/BDH50001	90°/Non-hold	1200 ~ 1400mm	250Kg	P33	/	/	/
33	BDH50012	90°hold	Door width: 1200-1500mm Maximum Door high: 3200mm	300Kg	P34	/	/	/
34	BDH50013	90°hold	Door width: 1200-1500mm Maximum Door high:3800mm	350Kg	P35	/	/	/
35	BDH50014	90°hold	Door width: 1200-1500mm Maximum Door high:4200mm	400Kg	P35	/	/	/
36	BDH70014	90°hold	650~800mm	85Kg	P39	P123-P132	P141	/
37	BDH70015	90°hold	750~900mm	100Kg	P39	P123-P132	P141	/
38	BDH70114	90°hold	650 ~ 800mm	85Kg	P39	P123-P132	P141	/
39	BDH70115	90°hold	750 ~ 900mm	100Kg	P39	P123-P132	P141	/

●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)

02

Door Closer



Door Closer List

Product Categories	Diagram	Product code	Positioning type	Door width	Maximum Loading	Service life	Speed control	page	
Electric door closer		BBM40315	Remote control 90° positioning	700~900mm	80Kg	>1,000,000 Cycles	/	P53	
		BBM40305	Remote control 90° positioning	700~900mm	80Kg	>1,000,000 Cycles	/	P54	
		BBM40118	Remote control 90° positioning	750~1050mm	200Kg	>1,000,000 Cycles	/	P55	
		BBM40108	Remote control 90° positioning	750~1050mm	200Kg	>1,000,000 Cycles	/	P56	
American Standard Certification		BBM60006	Non-hold	650~1500mm	15~150Kg	≥2,000,000 Cycles	Two speed section	P71	
		BBM60106	Non-hold	650~1500mm	15~150Kg	≥2,000,000 Cycles	Two speed section	P72	
		BBM60206	Non-hold	650~1500mm	15~150Kg	≥2,000,000 Cycles	Two speed section	P73	
		BBM60014	Non-hold	650~1100mm	45~85kg	>500,000 Cycles	Two speed section	P74	
		BBM60106-HG (New)	Non-hold	650~1200mm	15~120kg	≥2,000,000 Cycles	Two speed section	P75	
Fire-proof certification		GA93-2CI(B401)	Non-hold	650~900mm	45Kg	>300,000 Cycles	Two speed section	P77	
		GA93-3CI(B103)	Non-hold	850~1100mm	65Kg	>300,000 Cycles	Two speed section	P78	
		GA93-4CI(B104)	Non-hold	1000~1250mm	85Kg	>300,000 Cycles	Two speed section	P79	
		XF93-4CI(BBM90304)	Non-hold	900~1100mm	85kg	>300,000 Cycles	Two speed section	P80	
		XF93-3PI(BBM90215)	Non-hold	650~1100mm	45~85kg	>300,000 Cycles	Two speed section	P81	
		GA93-2PII (YB301)	Non-hold	650~900mm	45Kg	>200,000 Cycles	Two speed section	P82	
		GA93-2PII (YB305)	Non-hold	850~1100mm	65Kg	>200,000 Cycles	Two speed section	P82	
		GA93-2PII(YB306)	Non-hold	1000~1250mm	85Kg	>200,000 Cycles	Two speed section	P82	
		XF93-2PI(BBM30114)	Non-hold	650~1100mm	45~85Kg	>300,000 Cycles	Two speed section	P83	
		GA93-5CI(BBM80105)	Non-hold	1100~1300mm	100Kg	>300,000 Cycles	Two speed section	P84	
		GA93-5CI(B415)	Non-hold	1150~1400mm	120Kg	>300,000 Cycles	Two speed section	P85	
		XF93-3CI(B803) (New)	Non-hold	850~1100mm	65Kg	>300,000 Cycles	Two speed section	P86	
		XF93-4CI(B804) (New)	Non-hold	1000~1250mm	85Kg	>300,000 Cycles	Two speed section	P86	
		XF93-4CI(BBM90106) (New)	Non-hold	650~1200mm	25~120Kg	>300,000 Cycles	Two speed section	P87	
		GA93-2CII(BBM10902)-DKH (New)	Non-hold	650~900mm	45KG	>200,000 Cycles	Two speed section	P89	
		GA93-3CII(BBM10303)-DKH (New)	Non-hold	850~1100mm	65Kg	>200,000 Cycles	Two speed section	P90	
		GA93-4CII(BBM10104)-DKH (New)	Non-hold	1000~1250mm	85KG	>200,000 Cycles	Two speed section	P91	
	European standard, Construction standard		B401	Non-hold	650~900mm	45Kg	>300,000 Cycles	Two speed section	P94
			BBM10003 (New)	Non-hold	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P95

Door Closer List

Product Categories	Diagram	Product code	Positioning type	Door width	Maximum Loading	Service life	Speed control	page
European standard, Construction standard		BBM80105	Non-hold	1100~1300mm	100Kg	>500,000 Cycles	Two speed section	P96
		B103	Non-hold	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P97
		BBM10013	90°hold	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P98
		BBM70102	Non-hold	650~900mm	45Kg	>300,000 Cycles	Two speed section	P99
		BBM70112	Hold can be anywhere and withdrawn	650~900mm	45Kg	>300,000 Cycles	Two speed section	P100
		BBM80102	Non-hold	650~900mm	45Kg	>300,000 Cycles	Two speed section	P101
		BBM80212	Hold can be anywhere and withdrawn	650~900mm	45Kg	>300,000 Cycles	Two speed section	P102
		B803	Non-hold	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P103
		B804	Non-hold	1000~1250mm	85Kg	>500,000 Cycles	Two speed section	P103
		BZ803	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P104
		BZ804	Hold can be anywhere and withdrawn	1000~1250mm	85Kg	>500,000 Cycles	Two speed section	P104
		BBM90103	Non-hold	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P105
		BBM90104	Non-hold	1000~1250mm	85Kg	>500,000 Cycles	Two speed section	P106
		B104	Non-hold	1000~1250mm	85Kg	>300,000 Cycles	Two speed section	P107
		BBM10014	90°hold	1000~1250mm	85Kg	>300,000 Cycles	Two speed section	P108
		BBM90105	Non-hold	650~1200mm	25~120kg	>500,000 Cycles	Two speed section	P109
		B415	Non-hold	1150~1400mm	120Kg	>500,000 Cycles	Two speed section	P110
		BBM90115	Hold can be anywhere and withdrawn	650~1200mm	25~85Kg	>500,000 Cycles	Two speed section	P111
		BBM90206 (New)	Non-hold	650~1500mm	25~150kg	>500,000 Cycles	Two speed section	P112
		YB301	Hold can be anywhere and withdrawn	650~900mm	45Kg	>500,000 Cycles	Two speed section	P113
		YB305	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P113
		YB306	Hold can be anywhere and withdrawn	1000~1250mm	85Kg	>500,000 Cycles	Two speed section	P113
		BBM30112	Hold can be anywhere and withdrawn	650~850mm	45Kg	>300,000 Cycles	Two speed section	P114
		BBM30113	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P115
		BBM30213 (New)	Hold can be anywhere and withdrawn	850~1100mm	65Kg	>500,000 Cycles	Two speed section	P116
		BBM30114	Hold can be anywhere and withdrawn	650~1100mm	45~85Kg	>500,000 Cycles	Two speed section	P117
	BBM30115	Hold can be anywhere and withdrawn	1100~1300mm	100Kg	>300,000 Cycles	Two speed section	P118	

Door closer function check list

Product code	Surface installed	Concealed Installation	Low temperature resistance	Closing-delayed type	Opening-Buffered type	Torque adjustable	Electrical	Opening angle					hold	Non-hold	Two speed section
								90°	110°	120°	135°	180°			
BBM40315	●						●	●				●			
BBM40305	●						●	●				●			
BBM40108	●						●	●				●			
BBM40118	●						●	●				●			
BBM60006	●			●	●	●					●		●	●	
BBM60106	●			●	●	●					●		●	●	
BBM60206	●			●	●	●					●		●	●	
BBM60014		●		●	●	●			●				●	●	
BBM60106-HG (New)	●			●	●	●				●			●	●	
GA93-2CI(B401)	●									●			●	●	
GA93-3CI(B103)	●									●			●	●	
GA93-4CI(B104)	●									●			●	●	
XF93-4CI(BBM90304)	●									●			●	●	
XF93-3PI(BBM90215)	●			●	●	●			●				●	●	
GA93-2PII (YB301)		●								●			●	●	
GA93-2PII (YB305)		●								●			●	●	
GA93-2PII(YB306)		●								●			●	●	
XF93-2PI(BBM30114)		●				●				●			●	●	
GA93-5CI(BBM80105)	●									●			●	●	
GA93-5CI(B415)	●									●			●	●	
XF93-3CI(B803) (New)	●									●			●	●	
XF93-4CI(B804) (New)	●									●			●	●	
XF93-4CI(BBM90106) (New)	●			●	●	●				●			●	●	
GA93-2CII(BBM10902)-DKH (New)	●									●			●	●	
GA93-3CII(BBM10303)-DKH (New)	●									●			●	●	
GA93-4CII(BBM10104)-DKH (New)	●									●			●	●	
B401	●									●			●	●	
BBM10003 (New)	●		●							●			●	●	

Door closer function check list

Product code	Surface installed	Concealed Installation	Low temperature resistance	Closing-delayed type	Opening-Buffered type	Torque adjustable	Electrical	Opening angle					hold	Non-hold	Two speed section
								90°	110°	135°	180°				
BBM80105	●										●		●	●	
B103	●									●			●	●	
BBM10013	●									●			●	●	
BBM70102	●									●			●	●	
BBM70112	●									●			●	●	
BBM80102	●									●			●	●	
BBM80212	●									●			●	●	
B803	●									●			●	●	
B804	●									●			●	●	
BZ803	●									●			●	●	
BZ804	●									●			●	●	
BBM90103	●				●					●			●	●	
BBM90104	●				●					●			●	●	
B104	●				●					●			●	●	
BBM10014	●									●			●	●	
BBM90105	●			●	●	●				●			●	●	
B415	●				●					●			●	●	
BBM90115	●			●	●	●				●			●	●	
BBM90206 (New)	●			●	●	●				●			●	●	
YB301		●								●			●	●	
YB305		●								●			●	●	
YB306		●								●			●	●	
BBM30112		●								●			●	●	
BBM30113		●								●			●	●	
BBM30213 (New)		●	●							●			●	●	
BBM30114		●			●	●				●			●	●	
BBM30115		●								●			●	●	

Door Closer

Door Closer



Electric Door Closer

Contactless door hardware integration solutions



Remote door opening



Induction door opening



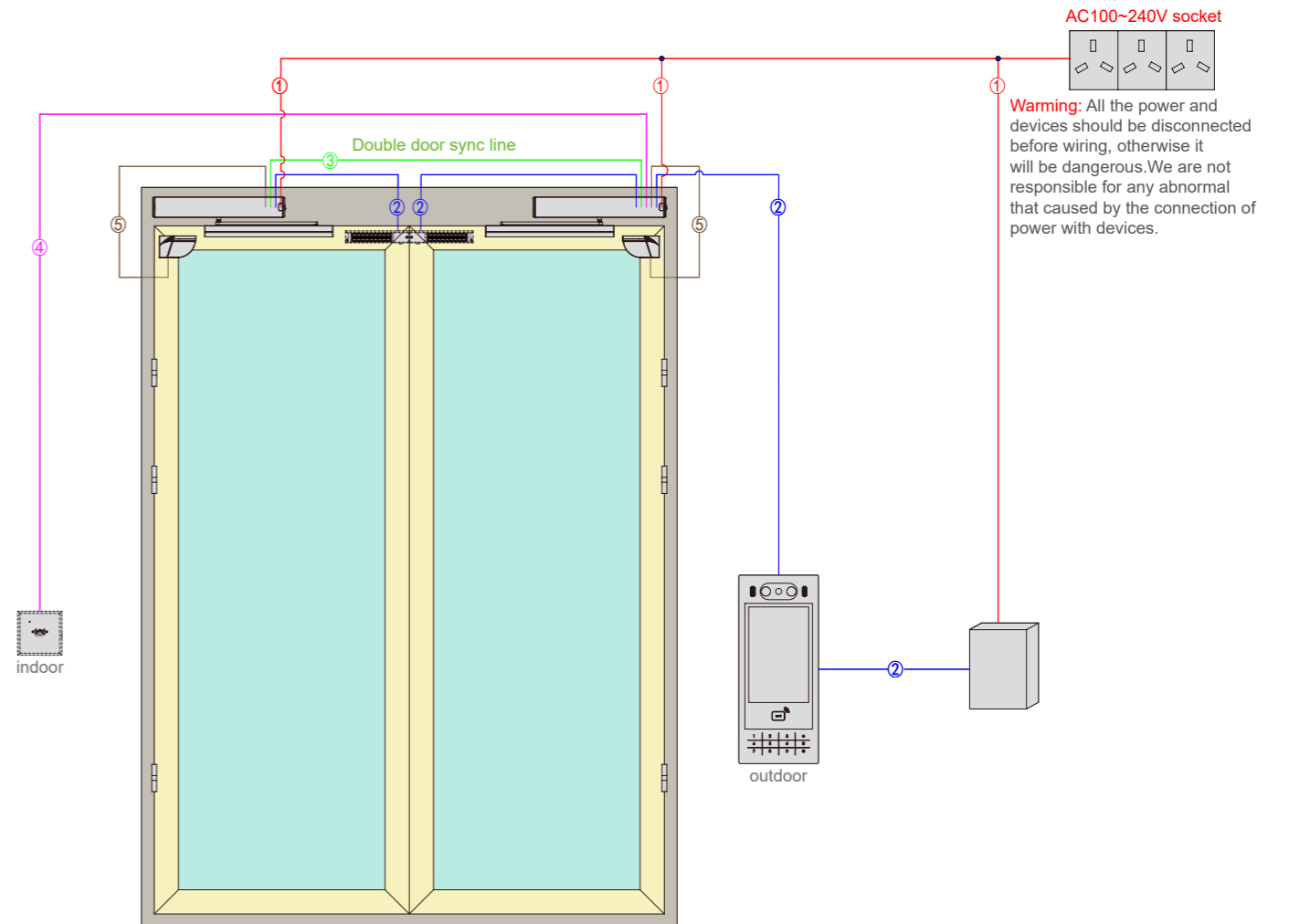
Face recognition door opening



Password/fingerprint/ card to open the door

Construction wiring diagram and precautions for the integrated configuration scheme of electric door closers:

- ① =RVV-3×1.5mm², optional line pipe φ10mm pull wire, use this line type to indicate: —
 - ② =RVV-2×0.5mm², optional line pipe φ10mm pull wire, use this line type to indicate: —
 - ③ =RVV-3×0.5mm², optional line pipe φ10mm pull wire, use this line type to indicate: —
 - ④ =RVV-4×0.5mm², optional line pipe φ10mm pull wire, use this line type to indicate: —
 - ⑤ =RVV-6×0.5mm², optional wire tube φ10mm pull wire, use this line type to indicate: —
- Cable information is reasonably pulled according to the actual situation on site



Precautions for installation and wiring:

1. This wiring diagram is a simplified schematic diagram of symbols. For detailed function debugging and port wiring positions, please operate according to the installation instructions.
2. This wiring diagram: the left door is the driven door, and the right door is the active door. If the positions of the master and slave doors are opposite, the corresponding wiring distribution should also be changed simultaneously.
3. The product position shown by the solid line is placed on the outside, and the product position shown by the dotted line is placed on the inside.
4. Please select the electric door closer according to the load-bearing capacity and width of the door sash.
5. Installation precautions: the height of the door frame should be ≥ 130 mm.
6. Voltage designing is suitable for various wide range and power for AC100V-240V.
7. Electric door closers are only suitable for one-way opening not applicable for two-way opening.
8. The electric door closer and its supporting electronic products do not have the waterproof function, and cannot be installed in the outdoor, humid, snowy and other environments. The installation site must have conditions for sheltering from rain.
9. Under the power-on condition, the electric door closer product itself has the function of automatically opening and closing the door, and it is forbidden to apply external force to force the opening and closing of the door.
10. The safety sensor devices without safety light screen and laser sensor can not be used for anti-striking and anti-clamping. We will not be responsible any abnormal that caused by the unsuitable installation.
11. Due to the differences in voltage, current, power and other factors of electronic products, we cannot guarantee that other companies' electronic products can be used with our electric door closers. We will not be responsible for any abnormalities.

BBM40315

Electric door closer

Surface installed Hold Electrical



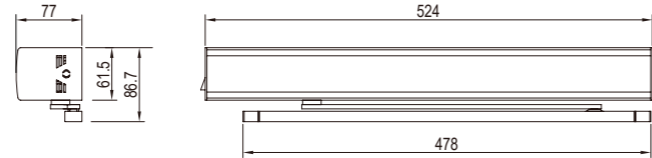
BBM40315-05 Remote Controls (Standard) BEP10001 Adjusting device (Necessary)

☆Adjusting device is necessary during testing/ installing, Additional order required.

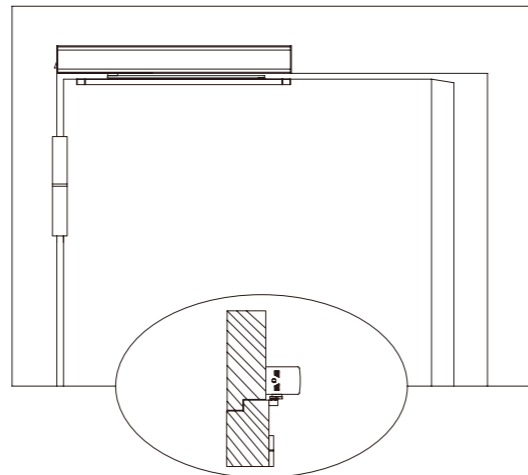
Technical Parameters

	Max loading	80kg
	Door width	700~900mm
	Life cycle	> 1,000,000 cycles
	Motor	DC24V 70W (brushless)
	Voltage	AC220V (1±10%)
	Frequency	50Hz~60Hz
	Open door operation speed	≤300mm/s
	Speed of closed door operation	≤300mm/s
	Buffer speed	10~50mm/s
	Open door hold time	1~30s (adjustable)
	Manual opening force	≤150N
	Reverse blocking force	≤220N
	Running noise	≤60dB
	Working temperature	-20~45°C
	Switchboard power consumption	70W

Dimensions



Installation schematicschematic



BBM40305

Electric door closer

Surface installed Hold Electrical



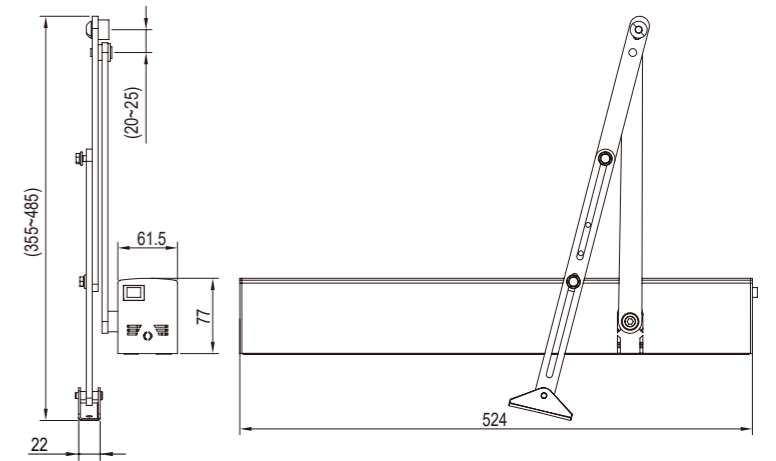
BBM40315-05 Remote Controls (Standard) BEP10001 Adjusting device (Necessary)

☆Adjusting device is necessary during testing/ installing, Additional order required.

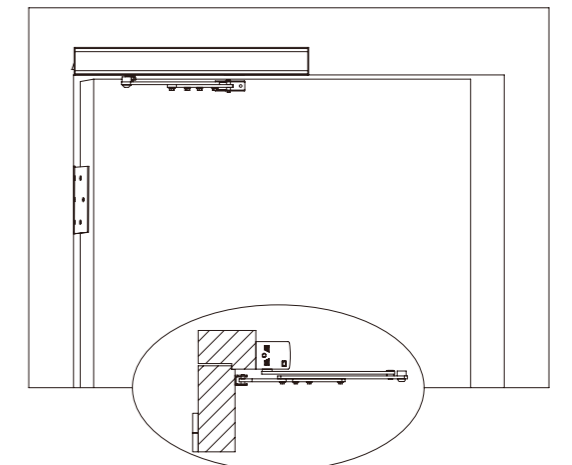
Technical Parameters

	Max loading	80kg
	Door width	700~900mm
	Life cycle	> 1,000,000 cycles
	Motor	DC24V 70W (brushless)
	Voltage	AC220V (1±10%)
	Frequency	50Hz~60Hz
	Open door operation speed	≤300mm/s
	Speed of closed door operation	≤300mm/s
	Buffer speed	10~50mm/s
	Open door hold time	1~30s (adjustable)
	Manual opening force	≤150N
	Reverse blocking force	≤220N
	Running noise	≤60dB
	Working temperature	-20~45°C
	Switchboard power consumption	70W

Dimensions



Installation schematicschematic



BBM40118

Electric door closer

Surface installed Hold Electrical



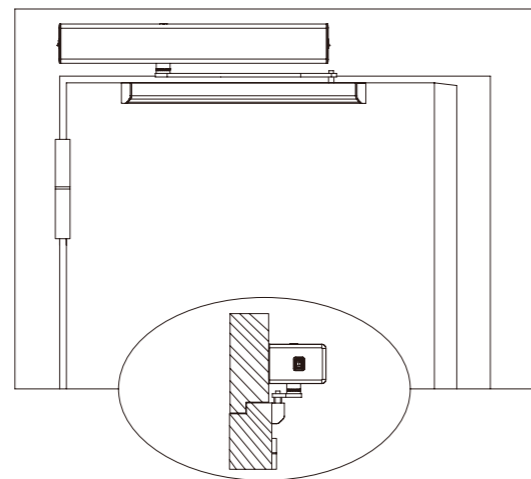
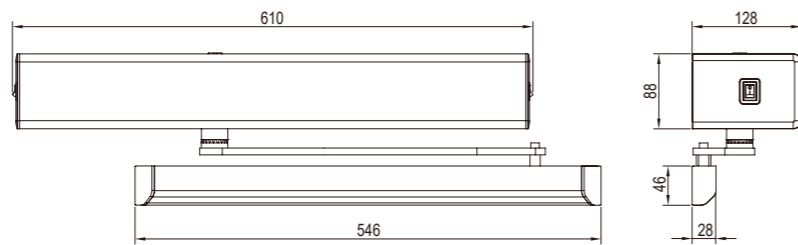
BBP80001 Adjusting device (Necessary)

☆Adjusting device is necessary during testing/ installing, Additional order required.

Technical Parameters

	Max loading	200kg
	Door width	750~1050mm
	Life cycle	>1,000,000 cycles
	Motor	DC24V 100W (Brushless)
	Voltage	AC220V (1±10%)
	Frequency	50Hz~60Hz
	Open door operation speed	≤300mm/s
	Speed of closed door operation	≤300mm/s
	Buffer speed	10~50mm/s
	Open door hold time	1~30s (adjustable)
	Manual opening force	≤150N
	Reverse blocking force	≤220N
	Running noise	≤60dB
	Working temperature	-20~45°C
	Switchboard power consumption	100W

Dimensions



BBM40108

Electric door closer

Surface installed Hold Electrical



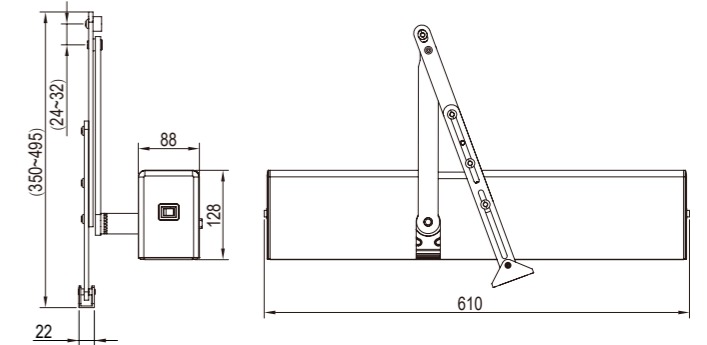
BBP80001 Adjusting device (Necessary)

☆Adjusting device is necessary during testing/ installing, Additional order required.

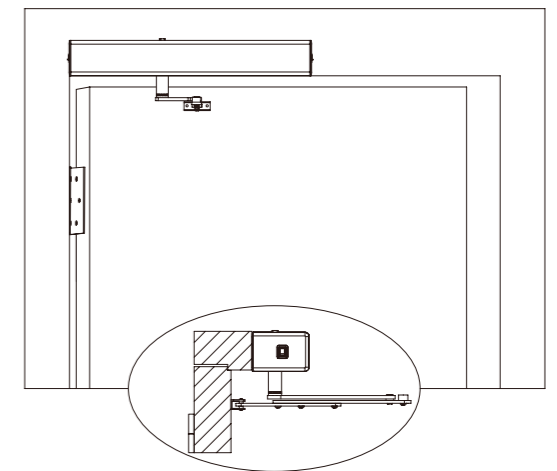
Technical Parameters

	Max loading	200kg
	Door width	750~1050mm
	Life cycle	>1000,000 cycles
	Motor	DC24V 100W (brushless)
	Voltage	AC220V (1±10%)
	Frequency	50Hz~60Hz
	Open door operation speed	≤300mm/s
	Speed of closed door operation	≤300mm/s
	Buffer speed	10~50mm/s
	Open door hold time	1~30s (adjustable)
	Manual opening force	≤150N
	Reverse blocking force	≤220N
	Running noise	≤60dB
	Working temperature	-20~45°C
	Switchboard power consumption	100W

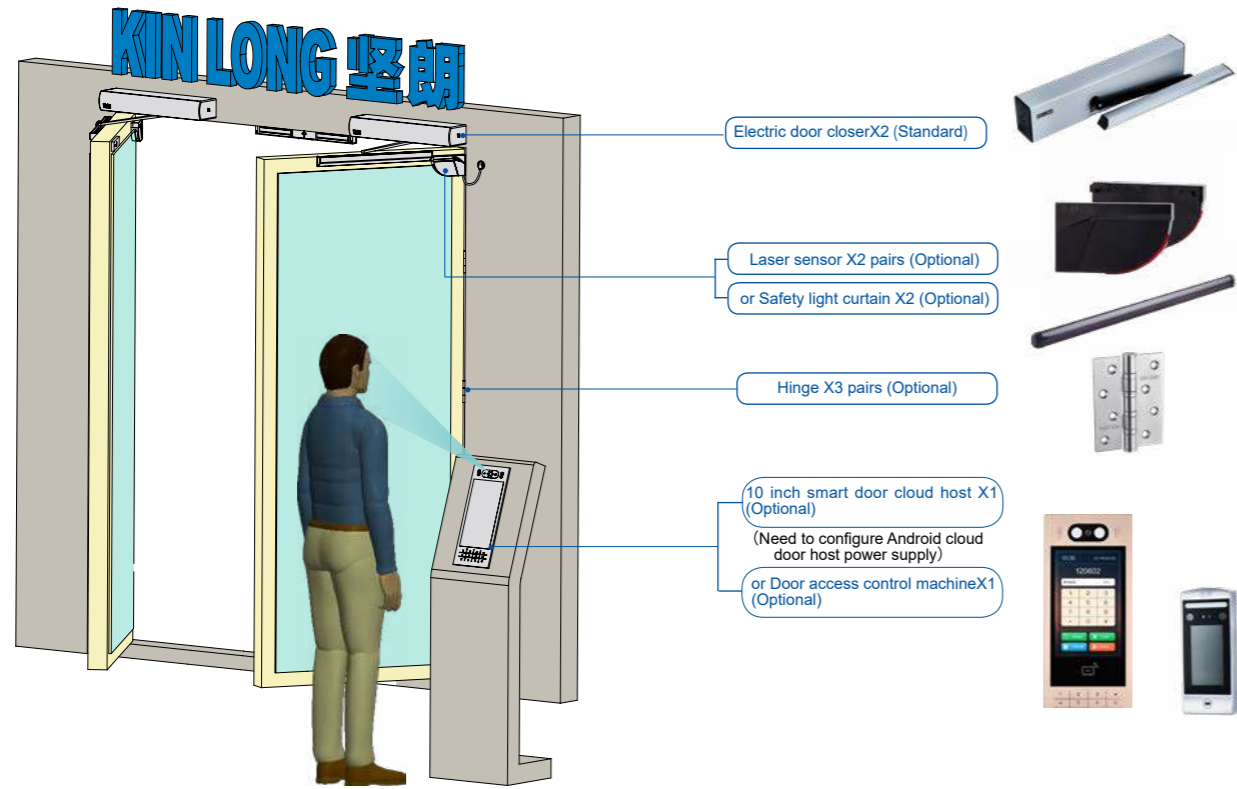
Dimensions



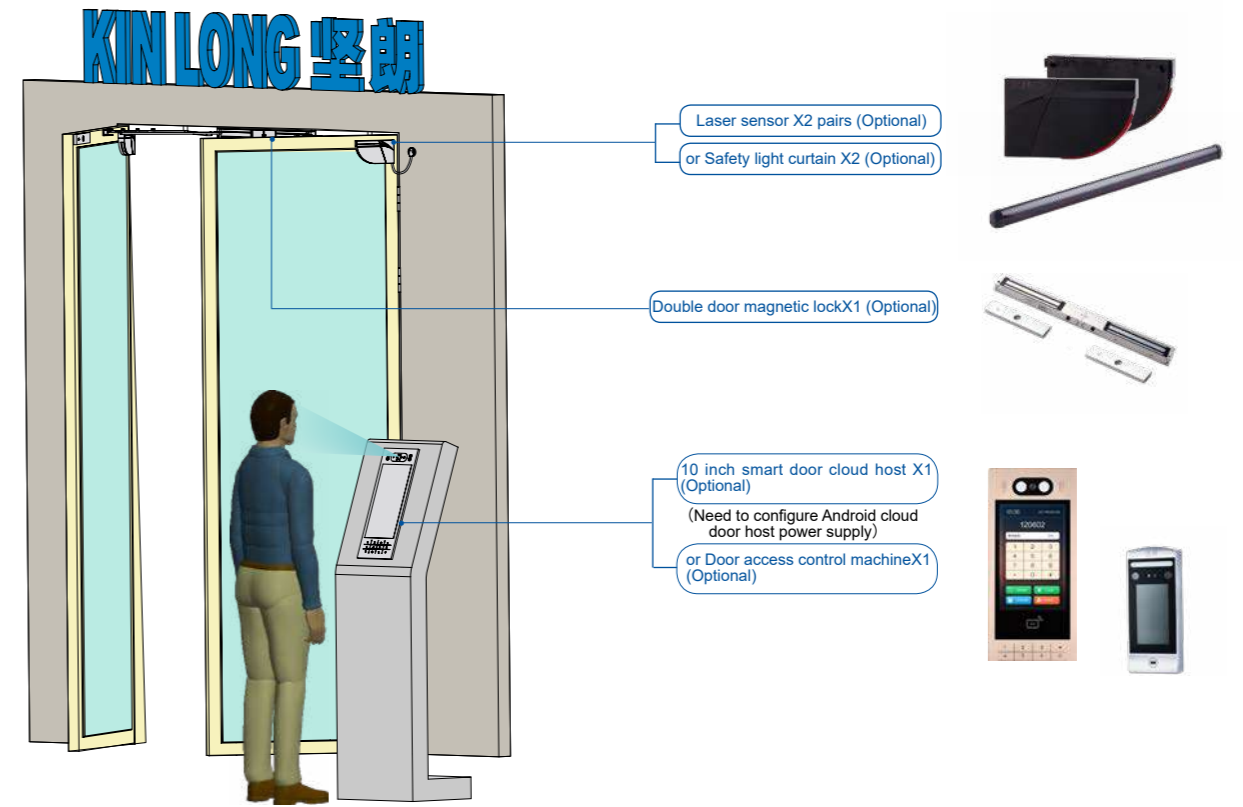
Installation schematic



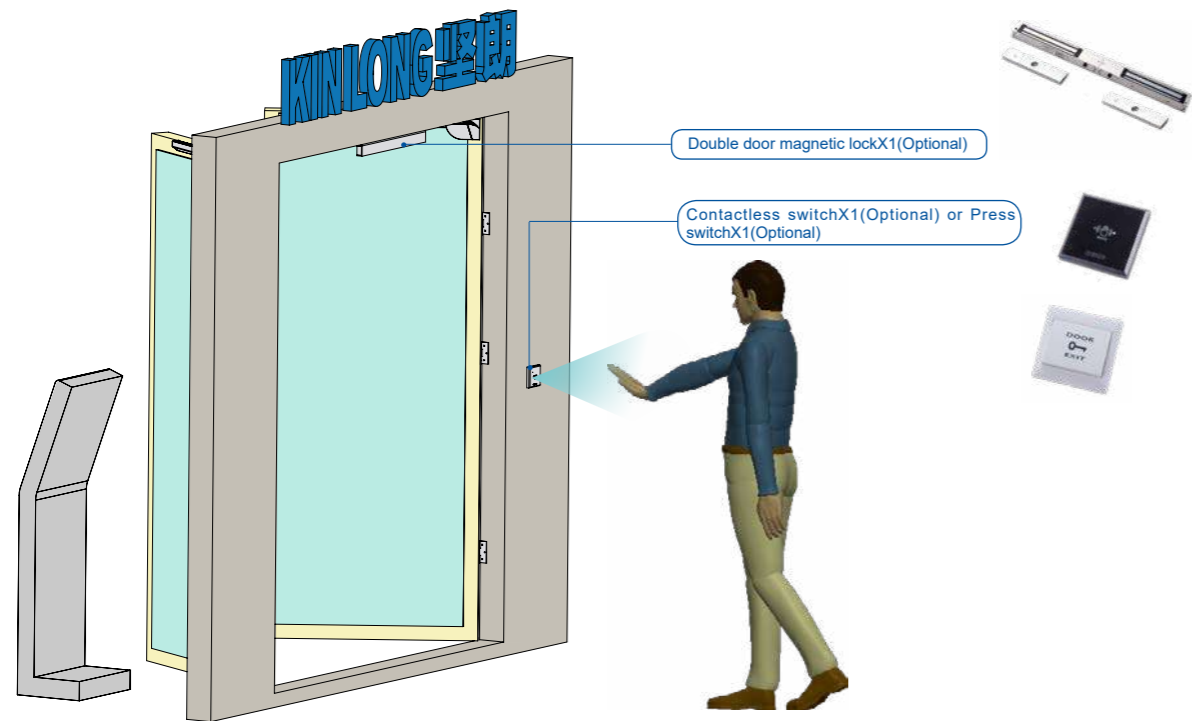
Electric door closer, rocker arm type contactless door hardware integrated configuration scheme (outdoor)



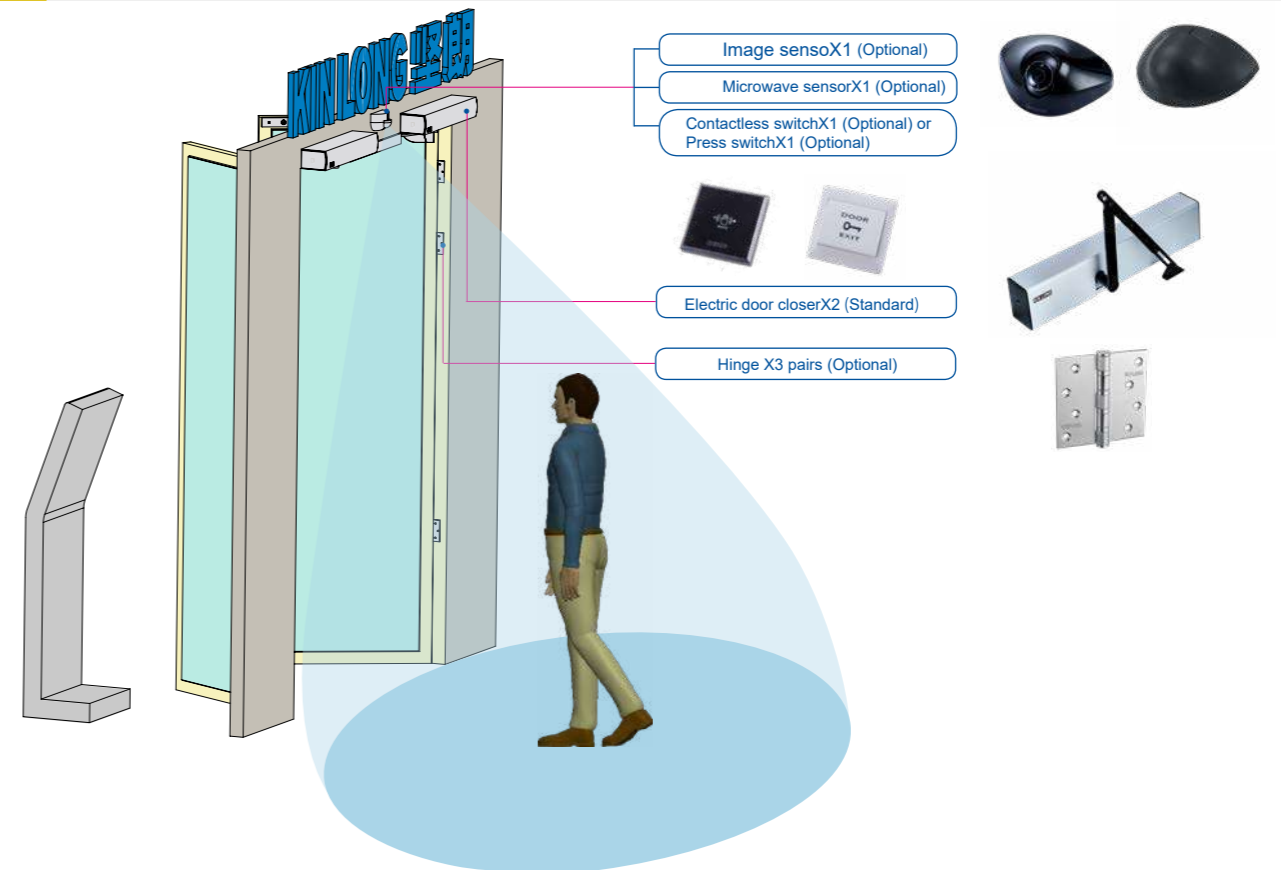
Electric door closer, rocker arm type contactless door hardware integrated configuration scheme (outdoor)



Electric door closer, rocker arm type contactless door hardware integrated configuration scheme (indoor)



Electric door closer, rocker arm type contactless door hardware integrated configuration scheme (indoor)



Standard accessories for electric floor hinges and door closers

BBM40015-10 Switch



main material	PVC
Features	Click to open the door (press type)
Dimensions	86*86(panel)

BBP40401 Contactless switch



Sensing distance	3-30cm
Power supply	AC/ DC12-24V
Quiescent Current	7.3mA @ DC12V
Operating current	42mA @ DC12V
Output of signal	NO/ COM/ NC
Infrared modulation frequency	38KHz
Output hold time	100ms
Operating temperature	-20°C ~45°C
Dimensions	86*86*14mm

BBP41301 Wireless contactless switch



Distance of induction	3-18cm
Power supply power	AC/ DC12-24V
Static current	34mA @ DC12V
Operating current	62mA @ DC12V
Output of signal	NO/ COM/ NC
Infrared modulation frequency	38KHz
Launch distance	30m (empty space)
Output hold time	1.5s
Operating temperature	-20°C ~45°C
Overall dimensions	135*36*10mm

BBM40015-09 Microwave Sensor



main material	ABS
Surface treatment	black
Technical Principle	Microwave Doppler radar
Transmit frequency	24.15GHz
Transmit power	< 5mW/cm ²
Installation height	≤3.2m
Operating Voltage	AC/DC 12V-24V
Detection method	mobile
Dimensions	115.5*72mm

Standard accessories for electric floor hinges and door closers

BBP40901 Image sensor



Scope of application	Electric casement door
Main Functions	Humanoid, mobile detection, output door open signal
Installation height	1.8-6m
Camera resolution	1920*1080
Angle adjustment	30° adjustable
working voltage	AC/DC 12-30V
working current	150mA
Output of signal	NO/COM/NC
Operating temperature	-20°C~65°C
Overall dimensions	118*81*55mm

BBP41001 Safety light curtain



Induction height	≤3.5m
Main Functions	Anti-clip and anti-touch
working voltage	AC/DC 12-24V
working current	170mA @ AC12V, 130mA @ DC12V
Output of signal	NO/ COM/ NC
Principle of Operation	Active infrared background analysis
Operating temperature	-25°C~55°C
Overall dimensions	700*47*46mm

BBP40101 Safety light curtain



Induction height	< 2.5 m
Main Functions	Anti-clip and anti-touch
working voltage	AC/ DC24V
working current	< 110mA
Output of signal	NO/ COM/ NC
Principle of Operation	Active infrared background analysis
Operating temperature	-20°C~60°C
Overall dimensions	755*41.5*38mm

BBP40501 Backup power



Types of	Rechargeable lead-acid battery
Capacity	24V/ 5.6AH
Power supply time	Normal power supply for 2h
Standard	1 charger and 1 set of rechargeable lead-acid

BDP80001 backup battery



physical dimension	155mm×50mm×70mm
Input voltage	DC24V
The output voltage	DC24V/ 2.6AH
Capacity	2000mAh
Endurance	Normal power supply for 2h

Standard accessories for electric floor hinges and door closers

BBP41201A Contact free special room switch



Scope of application	Automatic toilet doors for the disabled at high-speed railway stations, airports and other places
Main Functions	Door opening switch
Key Features	when the inner panel is locked, the function of the outer panel is disabled; when the inner panel is unlocked, the function of the outer panel is enabled
Distance of induction	0-7cm adjustable
Voice Prompt	Chinese, English
Operating voltage	AC/ DC 12-36V
Operating current	110mA (standby), 135mA (action)
Standard product configuration	Inside panel, outside panel, horn, controller
Overall dimensions	282*108*15.5mm

BBP41201B Contact free special room switch



Scope of application	Automatic doors of public toilets in high-speed railway stations, airports and other places
Main Functions	Door opening switch
Key Features	when the inner panel is locked, the function of the outer panel is disabled; when the inner panel is unlocked, the function of the outer panel is enabled
Distance of induction	0-7cm adjustable
Voice Prompt	Chinese, English
Operating voltage	AC/DC 12-36V
Operating current	110mA (standby), 135mA (action)
Standard product configuration	Inside panel, outside panel, horn, controller
Overall dimensions	282*108*15.5mm

BBP41201C Contact free special room switch



Scope of application	Automatic door of mother and baby room in high-speed railway station, airport and other places
Main Functions	Door opening switch
Key Features	when the inner panel is locked, the function of the outer panel is disabled; when the inner panel is unlocked, the function of the outer panel is enabled
Distance of induction	0-7cm adjustable
Voice Prompt	Chinese, English
Operating voltage	AC/ DC 12-36V
Operating current	110mA (standby), 135mA (action)
Standard product configuration	Inside panel, outside panel, horn, controller
Overall dimensions	282*108*15.5mm

Laser sensor(one-sided)

BBP40801R

Electrical



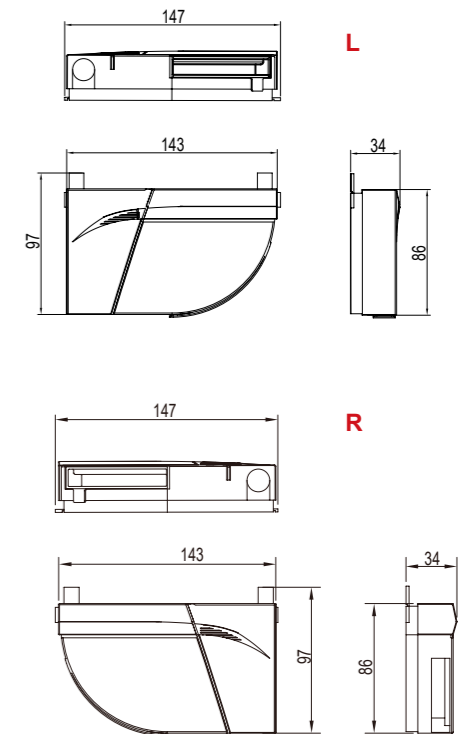
BBP40801L

Technical Parameters

Maximum detection range	4m (diagonal), reflectivity 2% (that is, when the width is 1.5m, the highest is 3.7m)
Opening angle of detection area	Door sash protection zone: 90°
Angular resolution	Door sash protection zone: 1.3°
Standard minimum target size Door sector Anti-pinch area	10cm @ 4m (Proportional to the distance to the target, DIP 2 = ON)
Test body	700mm × 300mm × 200mm (the test body CA conforms to EN 16005 and DIN 18650 standards)
Source characteristics	Infrared laser: wavelength 905nm; maximum output pulse power 25W; level 1
Supply voltage	12~24V DC ±15 %
power	≤2W
Response time	Door safety zone: up to 50ms
Output Maximum switching voltage	2 electronic relays (isolated-no polarity) 42V AC/ DC 100mA
LED-signal	1 two-color LED: detection/ output status
Material-color	PC/ ASA-black
Slope	+2°~+10° (without mounting base)
Temperature range	-20°C~60°C (Under power supply)
Environment humidity	0~95%. No condensation
Vibration	<2G
Minimum door opening speed	2"/ second

Dimensions & Functional Characteristic

The detection area is adjustable, up to 4m (diagonal), suitable for various automatic swing doors.
Not affected by the ground and environment, stable and reliable operation.
Extended area protection function to ensure the safety of the door.
The hinge area does not have the anti-pinch function.



BBP40601

Laser sensor

Electrical



Technical Parameters

Maximum detection range	4m (diagonal), reflectivity 2% (that is, when the width is 1.5m, the highest is 3.7m)
Opening angle of detection area	Door sash protection zone: 90°/ Anti-pinch protection zone: 16°
Angular resolution	Door sash protection zone: 1.3°/ Anti-pinch protection zone: 0.2°
Standard minimum target size Door sector Anti-pinch area	10cm @ 4m (Proportional to the distance to the target, DIP 2 = ON) 2cm @ 4m (proportional to the distance to the target, DIP 2 = ON)
Test body	700mm×300mm×200mm(The test body CA conforms to EN 16005 and DIN 18650 standards)
Source characteristics	Infrared laser: wavelength 905nm; maximum output pulse power 25W; level 1
Supply voltage	12~24V DC ± 15%
power	≤2W
Response time	Door safety zone: up to 50ms/ anti-pinch safety zone: up to 90ms
Output Maximum switching voltage	2 electronic relays (isolated-no polarity) 42V AC/ DC 100mA
LED-signal	1 two-color LED: detection/ output status
Material-color	PC/ ASA-black
Slope	+2°~+10° (without mounting base)
Temperature range	-20°C~60°C (Under power supply)
Environment humidity	0~95%, No condensation
Vibration	<2G
Minimum door opening speed	2"/ second

Dimensions & Functional Characteristic

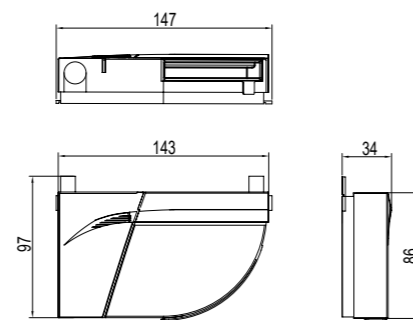
The detection area is adjustable, up to 4m (diagonal), suitable for various automatic swing doors.

170 laser points, 100% ensure the safety of the door sash area.

Not affected by the ground and environment, stable and reliable operation.

Extended area protection function to ensure the safety of the door.

Innovative hinge area protection can detect small objects like fingers.



Optional accessories

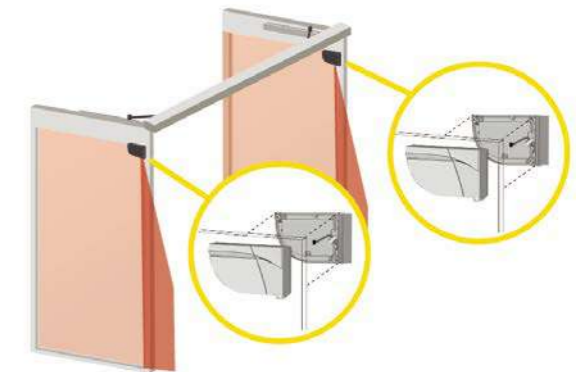
BBP40701 Remote Control (Optional)



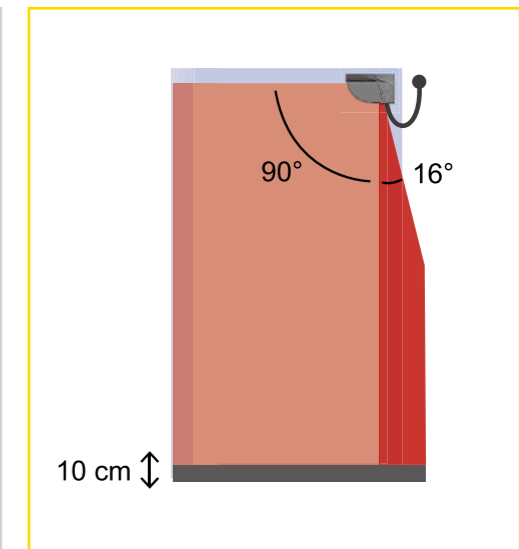
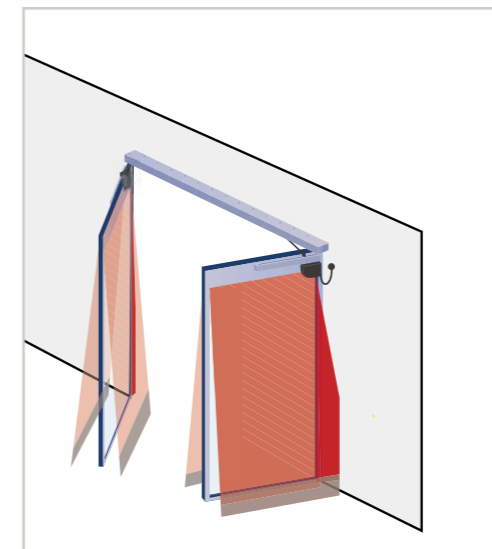
Installation and debugging use, purchase separately

Installation instructions

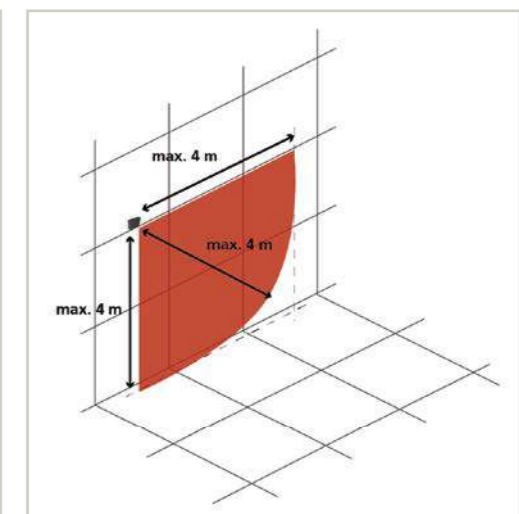
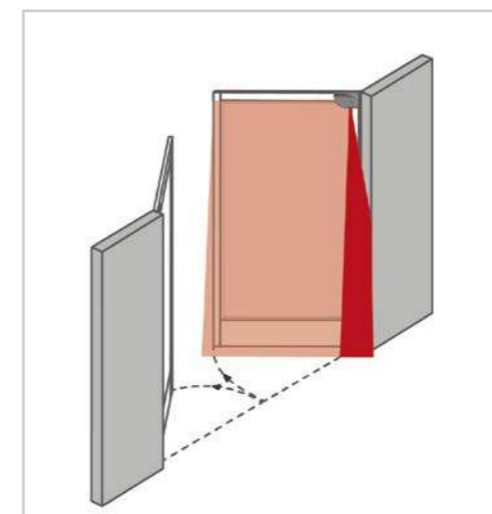
⚠ In order to ensure safety, one set (2) of laser sensors must be installed on both the inside and outside of each door sash, and the two laser sensors are connected through the main accessory module connection cable.



Detection area



■ Door safety area
Standard target size: 10cm @ 4m
 ■ Anti-pinch safe area
Standard target size: 2cm @ 4m
 ■ Blind spot
Adjust by remote control, factory value: 10cm



Door closer series

The shell is made of high-strength die-casting aluminum alloy ADC12, which has gone through more than 20 processes such as rough boring, fine boring, ultrasonic cleaning, impregnation, etc., so as to ensure the precision and finish of the cylinder



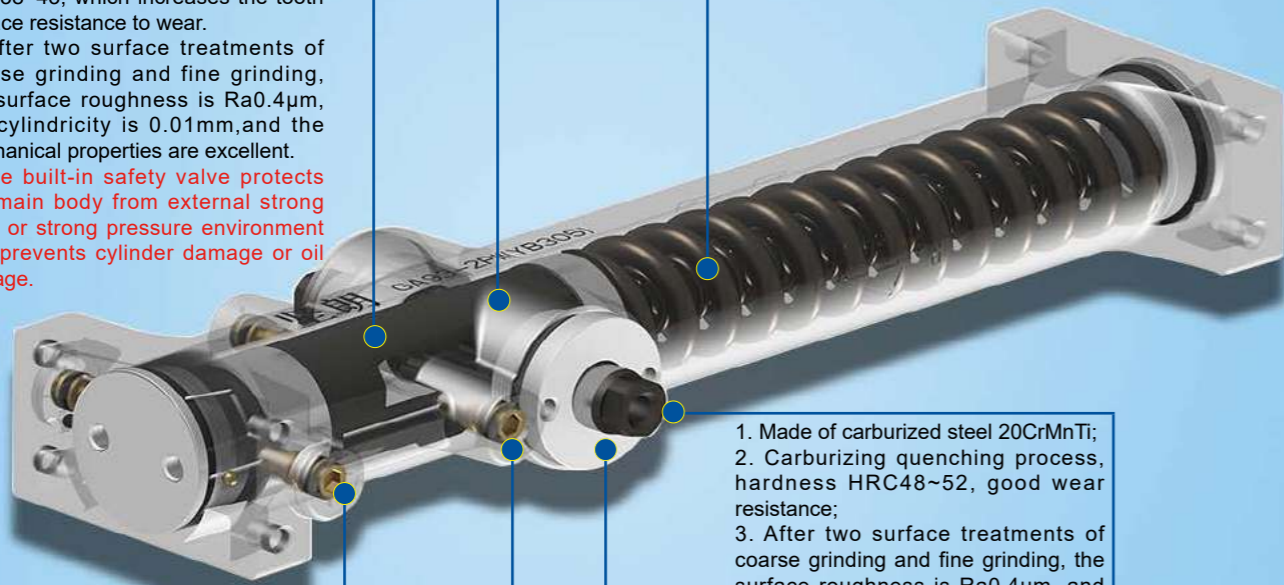
The piston

1. Made of high-quality carbon structural steel: 45# steel, with high hardness and good toughness.
2. The tooth surface is treated by high-frequency quenching, the hardness is HRC38~43, which increases the tooth surface resistance to wear.
3. After two surface treatments of coarse grinding and fine grinding, the surface roughness is Ra0.4μm, the cylindricity is 0.01mm, and the mechanical properties are excellent.
4. The built-in safety valve protects the main body from external strong wind or strong pressure environment and prevents cylinder damage or oil leakage.



The spring

Made of high-quality spring steel 60Si2Mn, it has good toughness, high fatigue strength and long service life.



1. Made of carburized steel 20CrMnTi;
 2. Carburizing quenching process, hardness HRC48~52, good wear resistance;
 3. After two surface treatments of coarse grinding and fine grinding, the surface roughness is Ra0.4μm, and the mechanical properties are excellent
- 2 section locking speed regulating valve
1 section closing speed regulating valve

2-stage door lock speed regulator

1-stage closing speed regulator



Needle roller bearing

Needle roller bearing structure, reduce friction, reduce noise, reduce the opening resistance, increase the closing force



Shaft of gear

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, upside-down installation and parallel installation. When choosing parallel installation, you need to choose parallel bracket accessories.



Standard Installation Illustration



upside-down installation Illustration



Parallel Mounting Illustration

Classification of door closers



Surface mounted rocker arm type



Surface mounted slide rail type



Hidden slide rail type

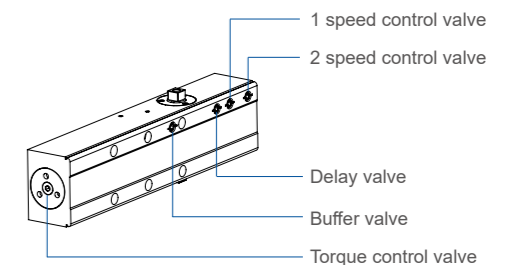
Feature selection

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.

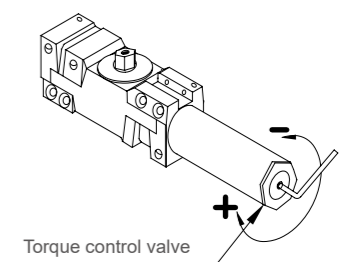
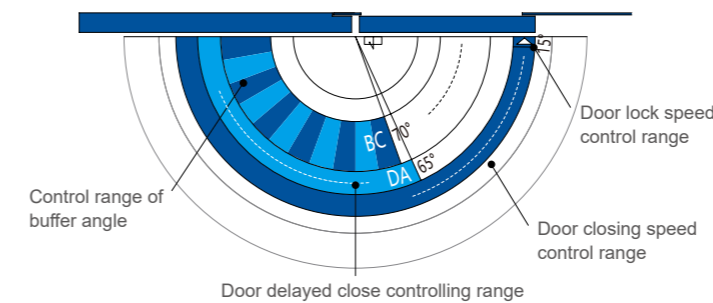
Door opening buffer(BC)function:
When the door opening angle is greater than 65°, there will be obvious resistance when opening the door.

Delay(DA) door closing function:
When the door opening angle is greater than 65°, the door sash 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

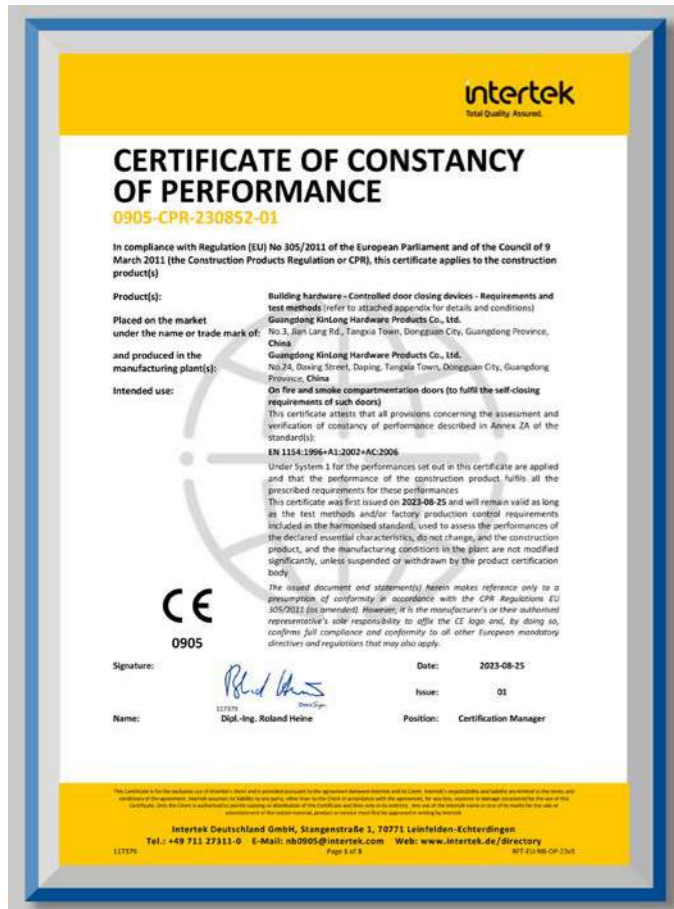


Torque control valve

Product Certificate



Door Closer



European standard fire certification Standard certificate



UL American Standard certificate



European Union Certificate



Door Closer



China Fire Certificate





American standard door closers

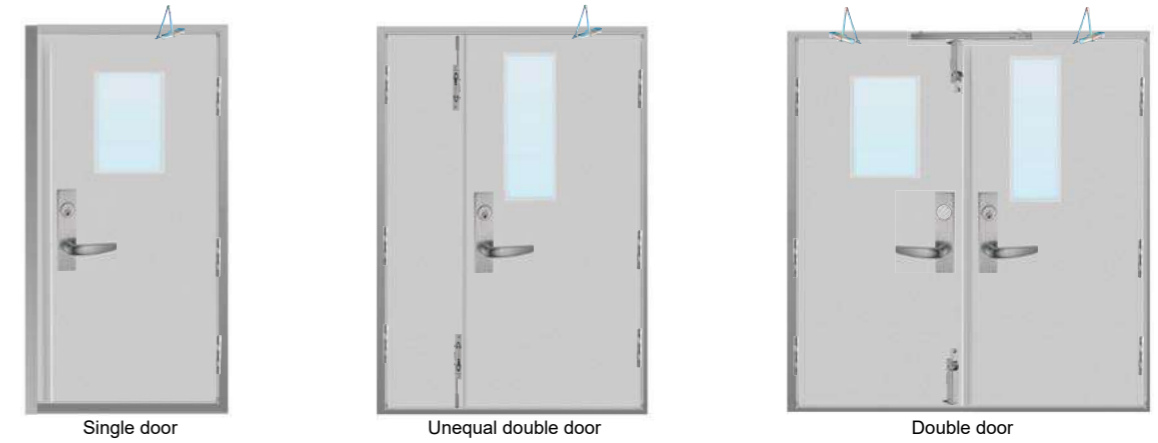
American Standard Series Hardware Configuration



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.

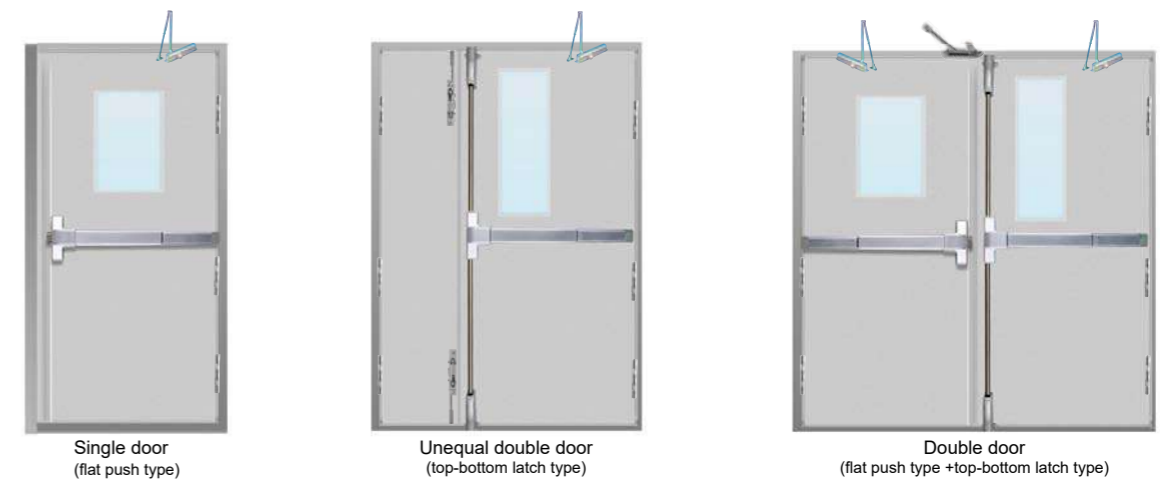


Application places	American Standard Mortise Lock	quantity	American standard door closer	quantity	American Standard Hinge	quantity	latch	quantity	Concealed sequencer	quantity
Single door		1 set		1 pcs		3 slices	/	/		/
unequal double door		1 set		1 pcs		6 slices	Concealed latch for steel door	2 pcs		/
Double door		2 sets (a set of fake locks)		2 pcs		6 slices	Automatic Concealed latch	2 pcs		1 pcs

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.



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	Heavy duty sequencer	quantity
Single door		1 set	flat latch type	a set of flat push locks		1 PCS		3 slices		/		/
unequal double door		1 set	top-bottom latch type	a set of top-bottom latch locks		1 PCS		6 slices		2 PCS		/
Double door		2 sets		a set of flat push locks & a set of top-bottom latch locks		2 PCS		6 slices		/		1 PCS

Remarks:

American standard door closers: The service life meets the requirements of the first-class products of the United States ANSI/BHMA A156.4; the service life:> 2 million times.

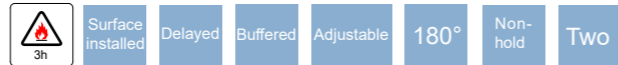
The American standard hinge: 1. Pass the American standard ANSI A156.1 secondary standard test, the cycling life can be 1.5 million times;

2. Pass the 90 minutes fire test of GB12955 standard.

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

BBM60006

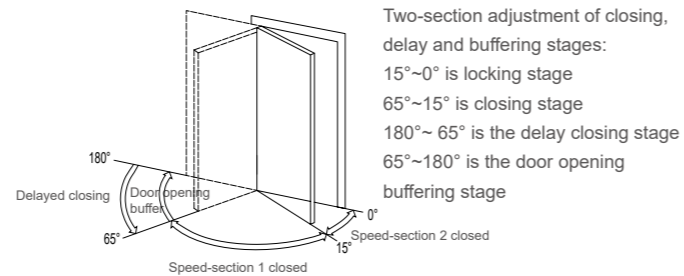
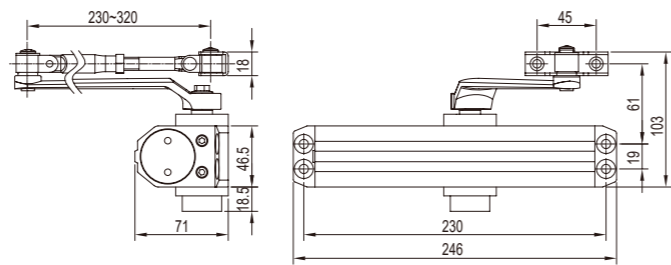
Door closer



Technical Parameters

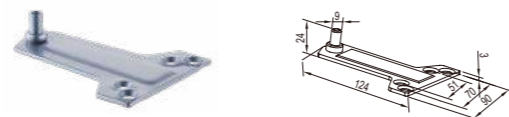
	Positioning type	Non-hold
	Door width	650~1500mm
	Maximum Loading	15~150kg
	Service life	≥2,000,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray

Dimensions & Functional Characteristic



Parallel bracket BBP20101 (optional)

For parallel installation, purchase separately



BBM60106

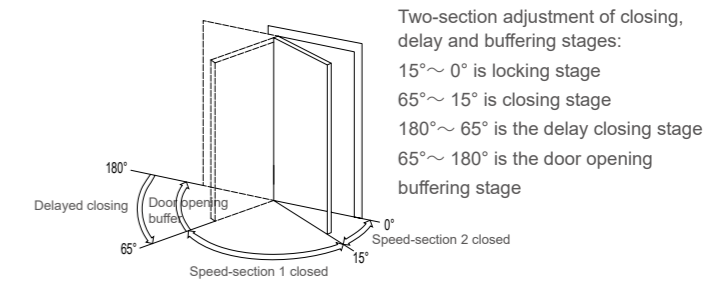
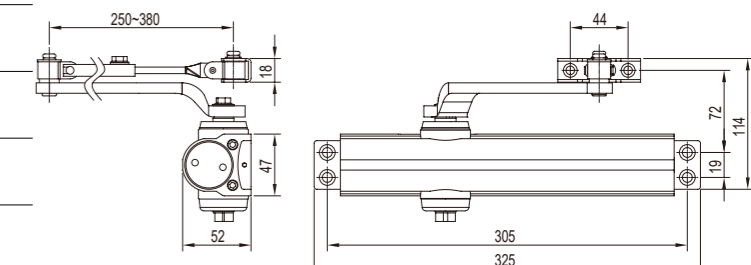
Door closer



Technical Parameters

	Positioning type	Non-hold
	Door width	650~1500mm
	Maximum Loading	15~150kg
	Service life	≥2,000,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray

Dimensions & Functional Characteristic



Parallel bracket BBP20101 (optional)

For parallel installation, purchase separately

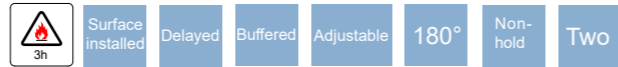


Door Closer

Door Closer

BBM60206

Door closer

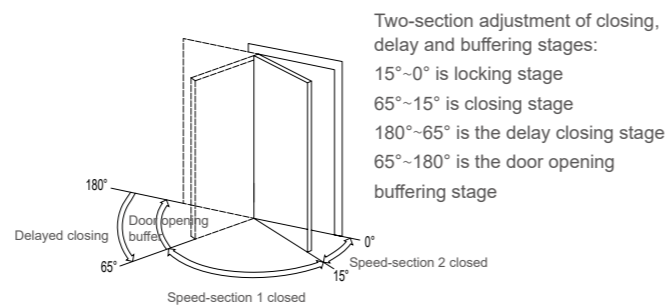
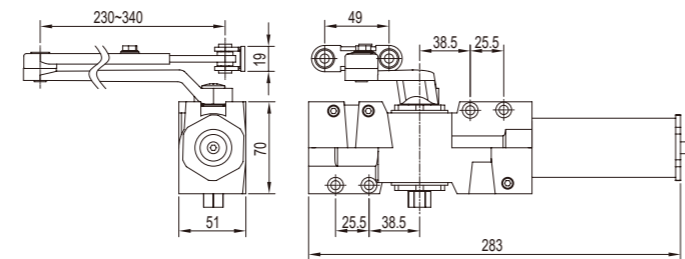


Technical Parameters

	Positioning type	Non-hold
	Door width	650~1500mm
	Maximum Loading	15~150kg
	Service life	≥2,000,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray

- Passed ANSI / BHMA A156.4 first-class requirements.
- Passed UL228, UL10C (3h fire protection) certificationification.
- Passed the test of EN1154 standard of door closing detection.
- Gained the national fire protection product certification/Passed public safety standard XF 93.
- Exit door or fire-proof door must adopt the door closer without the hold function.
- It can be used on both left and right side door.
- Only for single side 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 closing delay function: when the door opening Angle is greater than 65°, the door will delay its closing time to 65° position to restore the normal speed, so that slow personnel have enough time to pass.**
- Adjustable torque: the opening force can be adjusted according to the size and weight of the door.**

Dimensions & Functional Characteristic



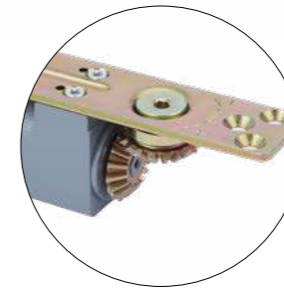
Parallel bracket BBP20101 (optional)

For parallel installation, purchase separately



BBM60014

Door closer

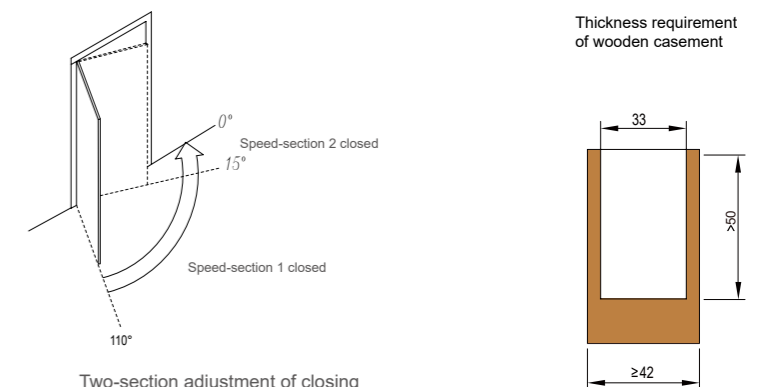
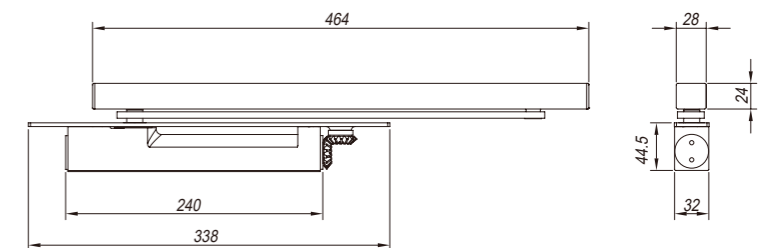


Technical Parameters

	Positioning type	Non-hold
	Door width	650~1100mm
	Maximum Loading	45~85kg
	Service life	>500,000 Cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)

- Passed UL228, UL10C (3h fire protection) certificationification.
- Exit door or fire-proof door must adopt the door closer without the hold function.
- It can be used on both left and right side door.
- Only for single side open, and suit for wooden door, metal door and frame door etc.
- Adjustable torque: the opening force can be adjusted according to the size and weight of the door.**
- With buffer function, effectively protect the door body and hardware products damage.**
- CAM advantage: the opening force decreases rapidly with the increase of the opening Angle, the opening saves effort and the closing is strong
Closing force: Closing speed and locking speed can be adjusted independently without distinguishing between left and right installation.
- Built-in safety valve, so that the main body in the external strong wind or pressure environment is protected to prevent cylinder damage or oil leakage.

Dimensions & Functional Characteristic



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

BBM60106-HG New
Door closer

- 3h
- Surface installed
- Delayed
- Buffered
- Adjustable
- 120°
- Non-hold
- Two



Technical Parameters

	Positioning type	Non-hold
	Door width	650~1200mm
	Maximum Loading	15~120kg
	Service life	≥2,000,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray

Passed ANSI / BHMA A156.4 first-class requirements.

Passed UL228, UL10C (3h fire protection) certification.

Passed the test of EN1154 standard of door closing detection.

Exit door or fire-proof door must adopt the door closer without the hold function.

It can be used on both left and right side door.

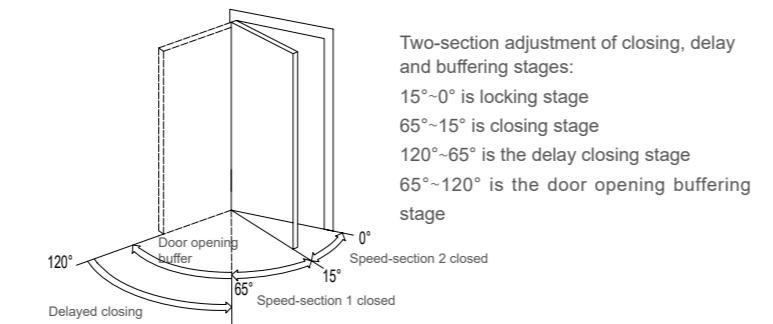
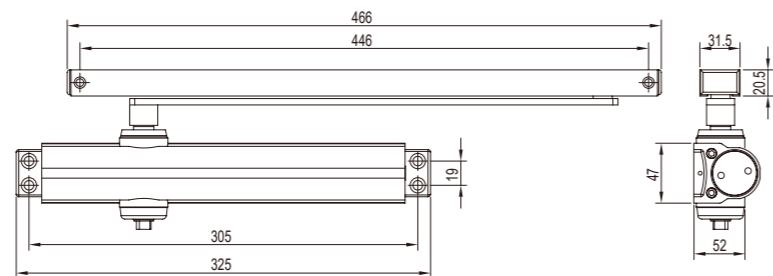
Only for single side open, and suit for wooden door, metal door and frame door etc.

Door opening buffering function: when the door opening angle is greater than 65°, there will be obvious resistance for opening the door.

Door closing delay function: when the door opening Angle is greater than 65°, the door will delay its closing time to 65° position to restore the normal speed, so that slow personnel have enough time to pass.

Adjustable torque: the opening force can be adjusted according to the size and weight of the door.

Dimensions & Functional Characteristic



Fire door closer

GA93-2CI(B401)

Fire-proof door closers

Surface installed 135° Non-hold Two

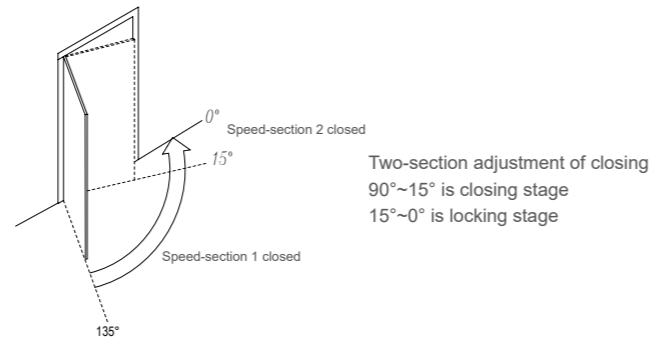
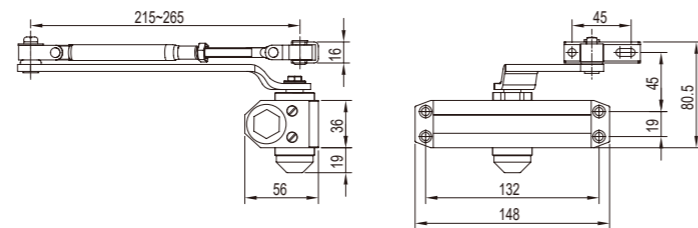


Door Closer

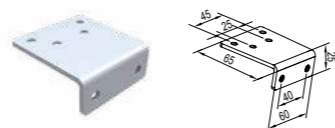
Technical Parameters

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

Dimensions & Functional Characteristic



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



GA93-3CI(B103)

Fire-proof door closers

Surface installed 135° Non-hold Two

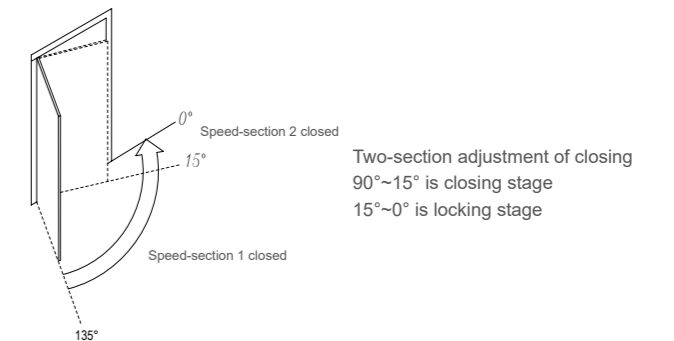
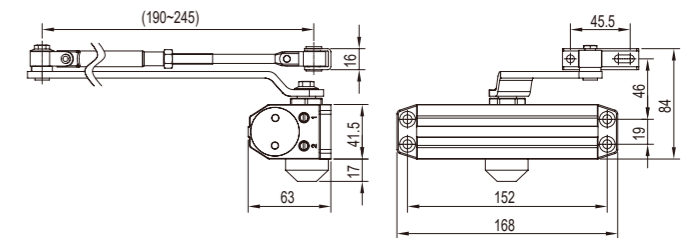


Door Closer

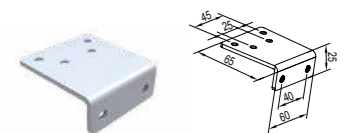
Technical Parameters

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

Dimensions & Functional Characteristic



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



GA93-4CI(B104)

Fire-proof door closers

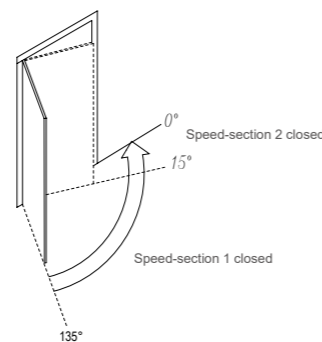
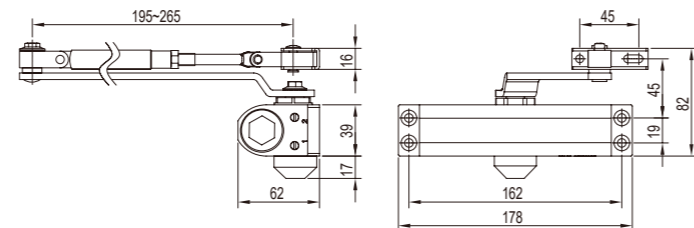
Surface installed 135° Non-hold Two



Technical Parameters

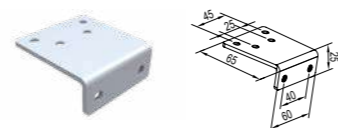
	Positioning type	Non-hold
	Door width	1000~1250mm
	Maximum Loading	85kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Gained the national fire protection product certification.	
	Passed public safety standard GA 93.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

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



XF93-4CI(BBM90304)

Fire-proof door closers

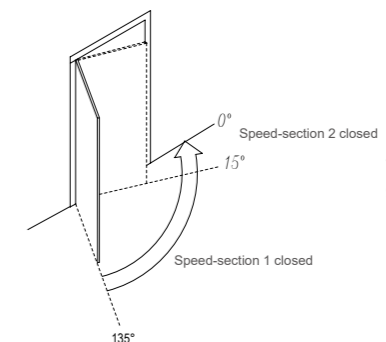
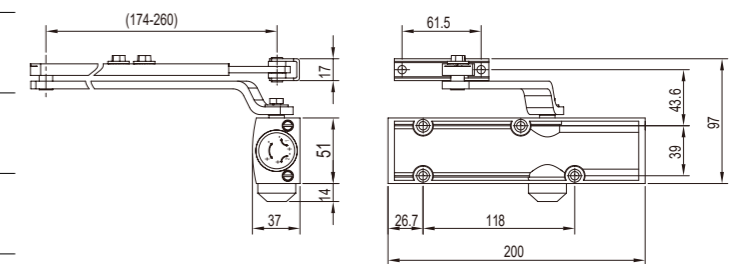
Surface installed 135° Non-hold Two



Technical Parameters

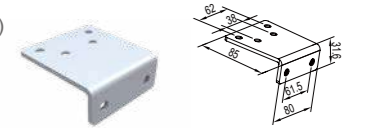
	Positioning type	Non-hold
	Door width	900~1100mm
	Maximum Loading	85kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Gained the national fire protection product certification.	
	Passed public safety standard GA 93.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

Parallel bracket BBP50101 (optional)
For parallel installation, purchase separately



XF93-3PI(BBM90215)

Fire-proof door closers

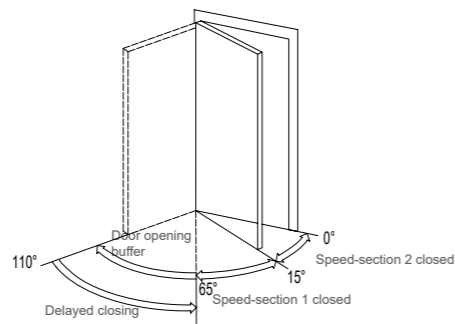
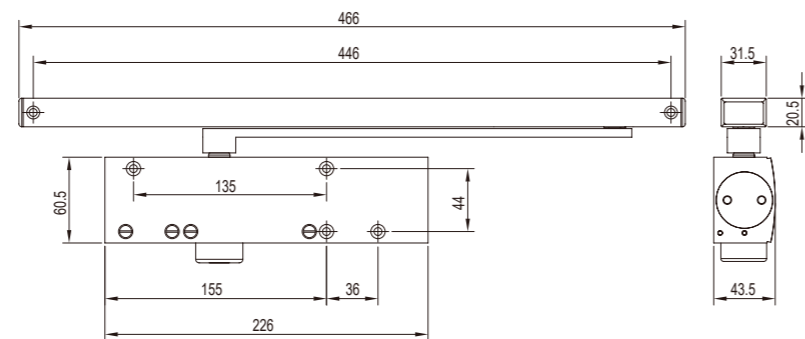
- Surface installed
- Delayed
- Buffer
- Adjustable
- 110°
- Non-hold
- Two



Technical Parameters

	Positioning type	Non-hold
	Door width	650~1100mm
	Maximum Loading	45~85kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Gained the national fire protection product certification.	
	Passed public safety standard GA 93.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	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.	
	Adjustable torque: the opening force can be adjusted according to the size and weight of the door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



Two-section adjustment of closing, delay and buffering stages
 15°~0° is locking stage
 65°~15° is closing stage
 110°~65° is the delay closing stage
 65°~110° is the door opening buffering stage

GA93-2PII(YB301)

GA93-2PII(YB305)

GA93-2PII(YB306)

Fire-proof door closers

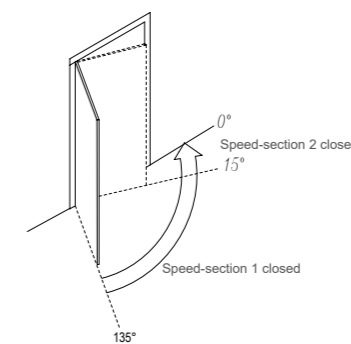
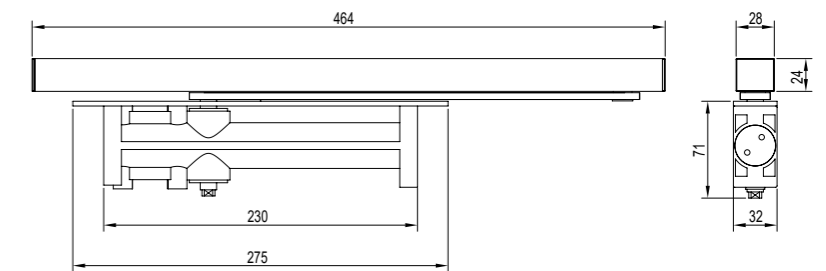
- Concealed installed
- 110°
- Non-hold
- Two



Technical Parameters

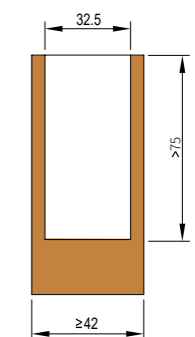
	Positioning type	Non-hold
	Door width	650~900mm 850~1100mm 1000~1250mm
	Maximum Loading	45kg/ 65kg/ 85kg
	Service life	>200,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Gained the national fire protection product certification.	
	Passed public safety standard GA 93.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	
	Built-in safety valve, so that the main body in the external strong wind or pressure environment is protected to prevent cylinder damage or oil leakage.	

Dimensions & Functional Characteristic



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

Thickness requirement of wooden casement



XF93-2PI(BBM30114)

Fire-proof door closers

Concealed installed Adjustable Buffer 110° Non-hold Two

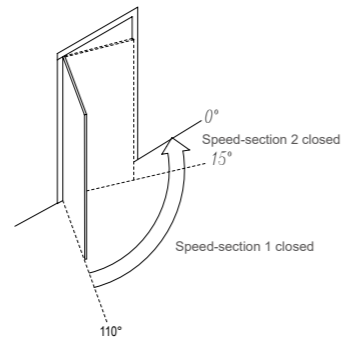
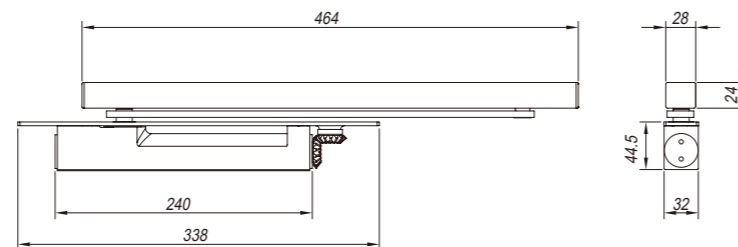


Technical Parameters

	Positioning type	Non-hold
	Door width	650~1100mm
	Maximum Loading	45~85kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Gained the national fire protection product certification	

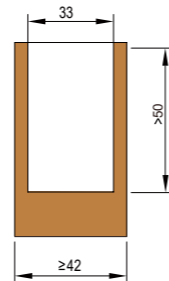
- Passed public safety standard XF 93.
- Exit door or fire-proof door must adopt the door closer without the hold function.
- Only for single side open, and suits for wooden door, metal door and frame door etc.
- Adjustable torque: the opening force can be adjusted according to the size and weight of the door.**
- With buffer function, effectively protect the door body and hardware products damage.**
- CAM advantage: the opening force decreases rapidly with the increase of the opening Angle, the opening saves effort and the closing is strong.**
Closing force: closing speed and locking speed can be adjusted independently without distinguishing between left and right installation.
- Built-in safety valve, so that the main body in the external strong wind or pressure environment is protected to prevent cylinder damage or oil leakage.

Dimensions & Functional Characteristic



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

Thickness requirement of wooden casement



GA93-5CI(BBM80105)

Fire-proof door closers

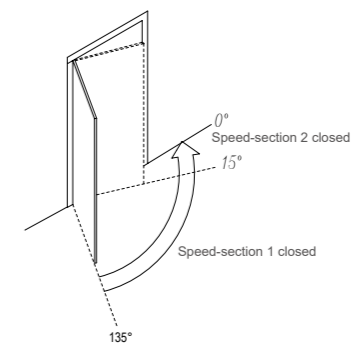
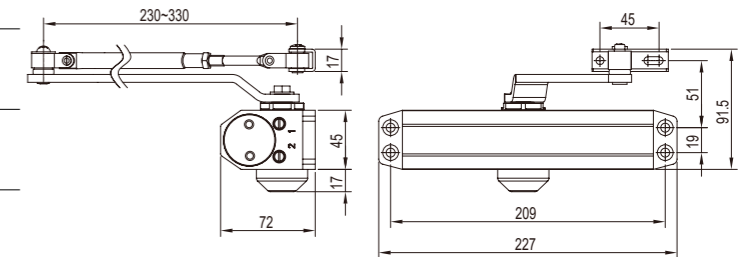
Surface installed 135° Non-hold Two



Technical Parameters

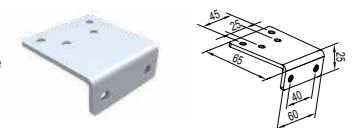
	Positioning type	Non-hold
	Door width	1100~1300mm
	Maximum Loading	100kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Gained the national fire protection product certification.	
	Passed public safety standard GA 93.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

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



GA93-5CI(B415)

Fire-proof door closers

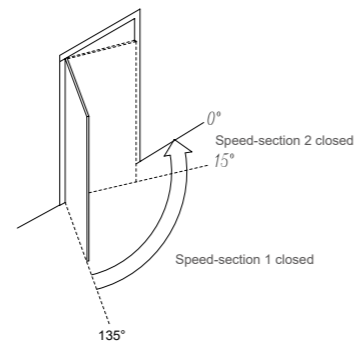
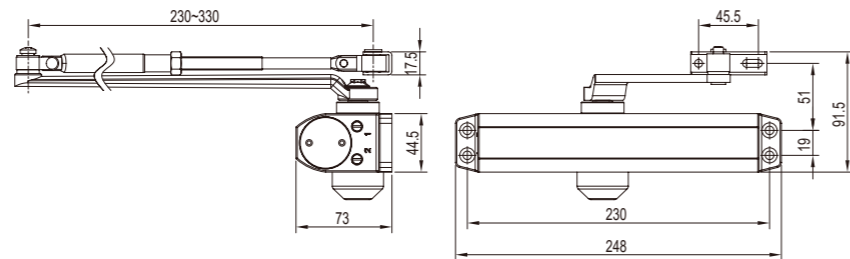
Surface installed 135° Non-hold Two



Technical Parameters

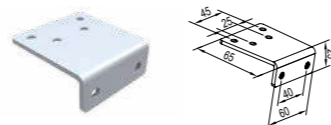
	Positioning type	Non-hold
	Door width	1150~1400mm
	Maximum Loading	120kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Gained the national fire protection product certification.	
	Passed public safety standard GA 93.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

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



XF93-3CI(B803) XF93-4CI(B804)

Fire-proof door closers

New

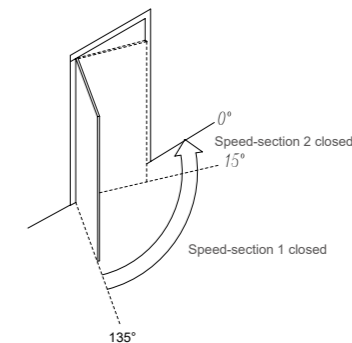
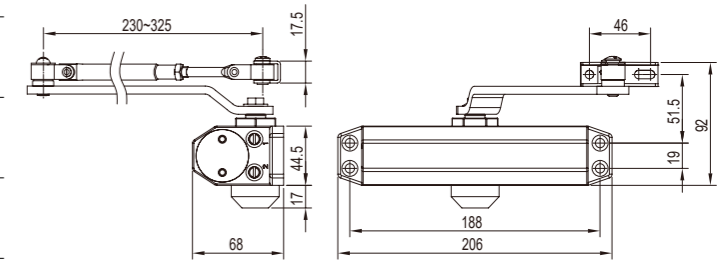
Surface installed 135° Non-hold Two



Technical Parameters

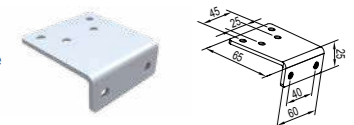
	Positioning type	Non-hold
	Door width	850~1100mm/ 1000~1250mm
	Maximum Loading	65kg/ 85kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Gained the national fire protection product certification.	
	Passed public safety standard GA 93.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

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



XF93-4CI(BBM90106) New

Fire-proof door closers

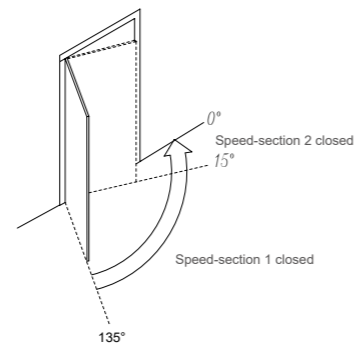
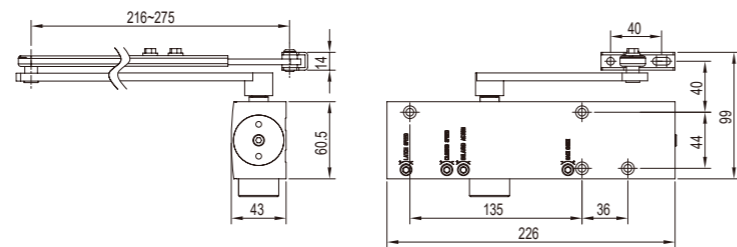
- Surface installed
- Delayed
- Buffer
- Adjustable
- 135°
- Non-hold
- Two



Technical Parameters

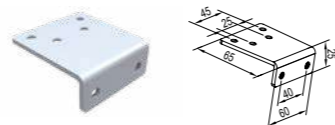
	Positioning type	Non-hold
	Door width	650~1200mm
	Maximum Loading	25~120Kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Gained the national fire protection product certification.	
	Passed public safety standard GA 93.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	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.	
	Adjustable torque: the opening force can be adjusted according to the size and weight of the door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

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



GA93-2CII(BBM10902)-DKH New

Fire-proof door closers

Surface installed 135° Non-hold Two

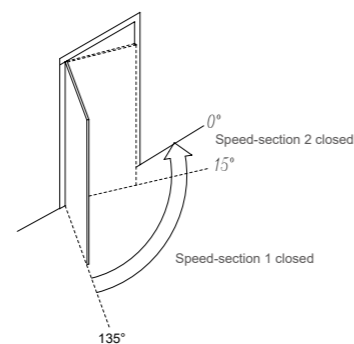
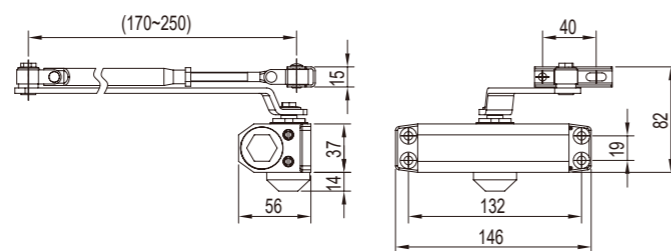


Door Closer

Technical Parameters

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

Dimensions & Functional Characteristic



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

GA93-3CII(BBM10303)-DKH New

Fire-proof door closers

Surface installed 135° Non-hold Two

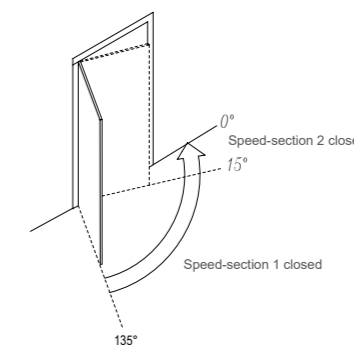
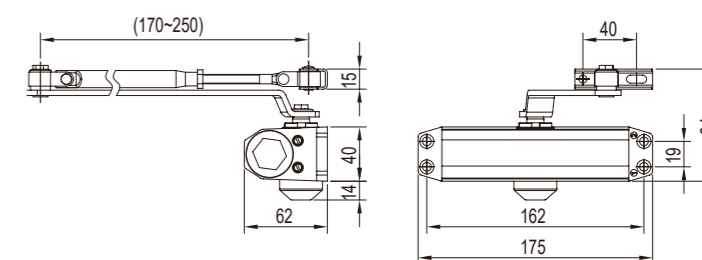


Door Closer

Technical Parameters

	Positioning type	Non-hold
	Door width	850~1100mm
	Maximum Loading	65kg
	Service life	>200,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Gained the national fire protection product certification.	
	Passed public safety standard GA 93.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

GA93-4CII(BBM10104)-DKH New

Fire-proof door closers

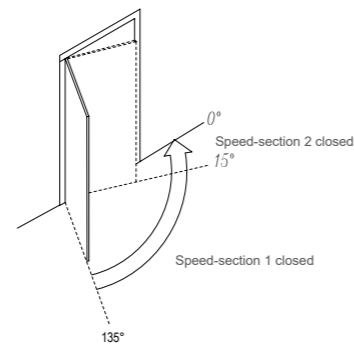
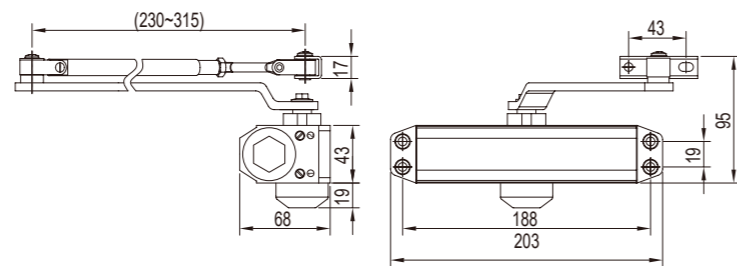
Surface installed 135° Non-hold Two



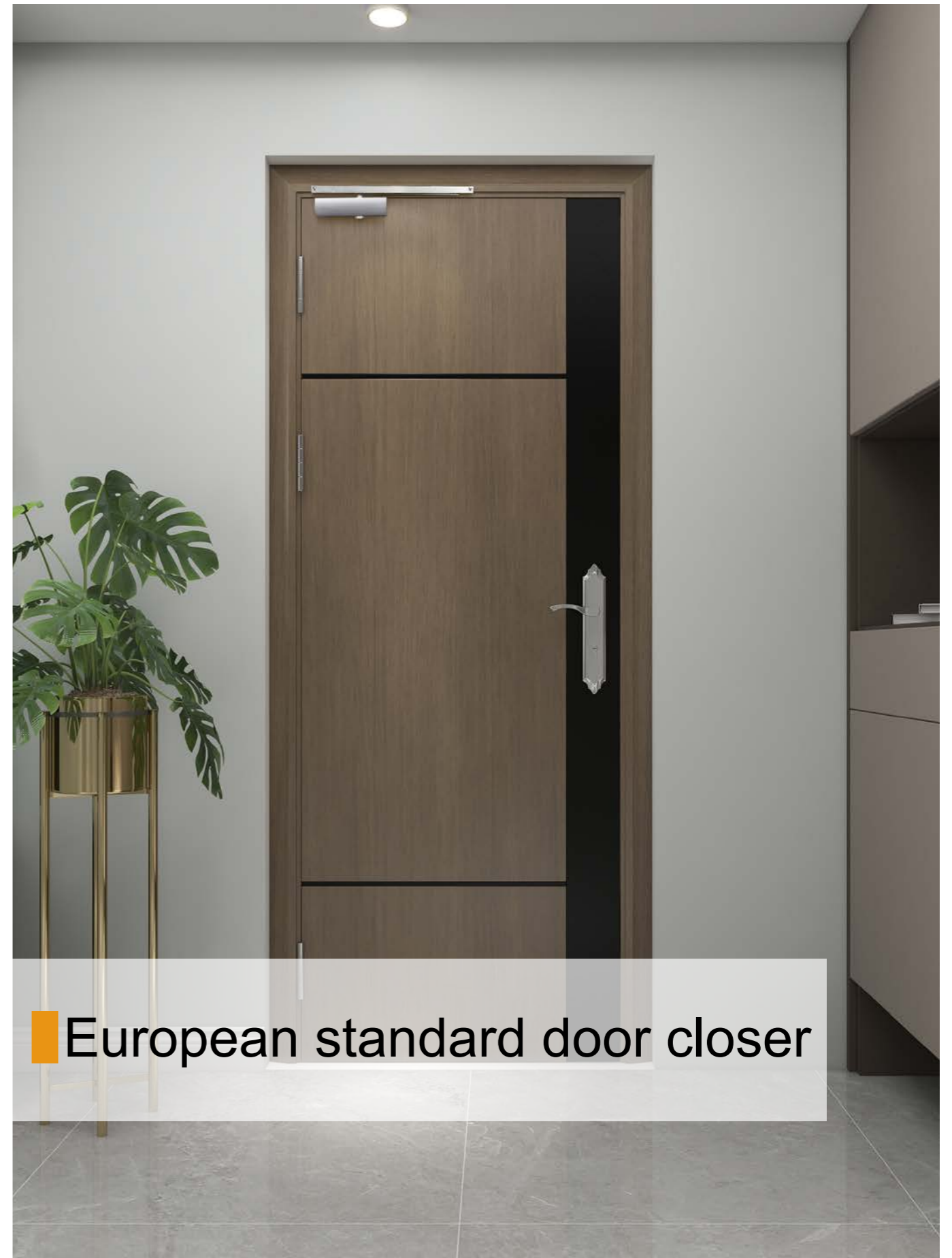
Technical Parameters

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

Dimensions & Functional Characteristic



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



European standard door closer

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.



Application places	European standard ferrule	quantity	European standard door closers	quantity	European standard hinge	quantity	latch	quantity	Concealed sequencer	quantity
Single door		1 set		1 pcs		3 slices	/	/		/
unequal double door		1 set		1 pcs		6 slices	Concealed latch for steel door	2 pcs		/
Double door		2 sets (a set of fake locks)	2 pcs	6 slices	Automatic Concealed latch	2 pcs	1 pcs			

European standard scheme of panic door lock

European standard escape push lock:

1. Passed the european standard EN1125 test, endurance test 200,000 times; and obtained CE certification; passed the EN1634 standard 60-minute fire test;
2. Passed the GB12955 standard 90-minute fire test.



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	Heavy duty sequencer	quantity
Single door		1 set	flat latch type	a set of flat push locks		1 pcs		3 slices		/		/
unequal double door		1 set	top-bottom latch type	a set of top-bottom latch locks		1 pcs		6 slices		2 pcs		/
Double door		2 sets	a set of flat push locks & a set of top-bottom latch locks	2 pcs	6 slices	/	1 pcs					

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

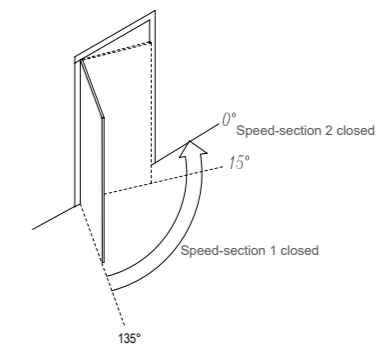
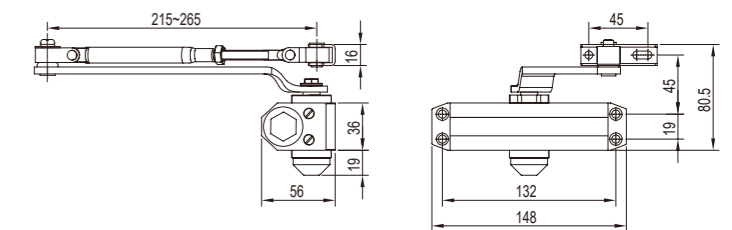
Surface installed 135° Non-hold Two



Technical Parameters

	Positioning 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~55°C
	Passed the test of industrial standard JG/T 268	
	Exit door or Fire-proof door must adopt the door closer without the hold function	
	It can be used on both left and right side door	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

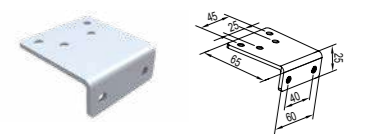
Dimensions & Functional Characteristic



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

Parallel bracket BZJ05 (optional)

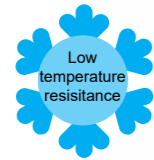
For parallel installation, purchase separately



BBM10003 New

Door closer

Surface installed Low temperature resistance 135° Non-hold Two

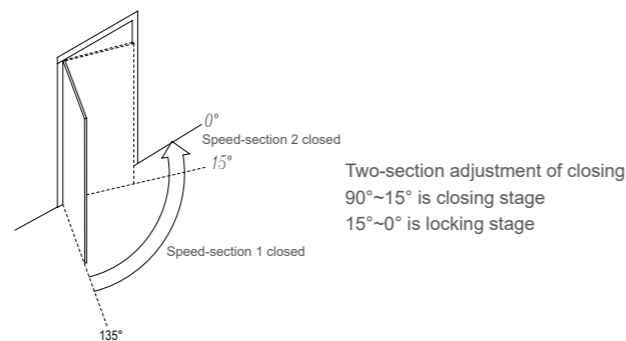
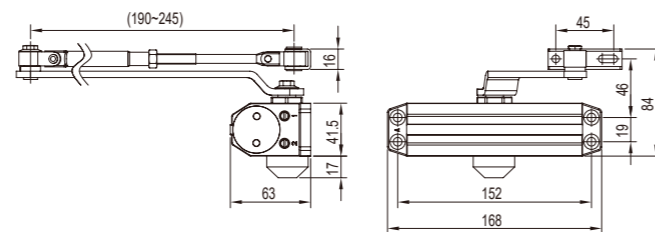


Door Closer

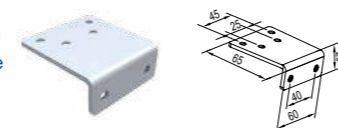
Technical Parameters

	Positioning type	Non-hold
	Door width	850~1100mm
	Maximum Loading	65kg
	Service life	>500,000 cycles
	Speed control	Two speed section
	Surface treatment	Brown (color can be customized)
	Suitable Temperature	-40°C~55°C (suitable for northern cold areas)
	Passed the test of EN1154 standard of door closing detection.	
	Passed the test of industrial standard JG/T 268.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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



BBM80105

Door closer

Surface installed 135° Hold Two

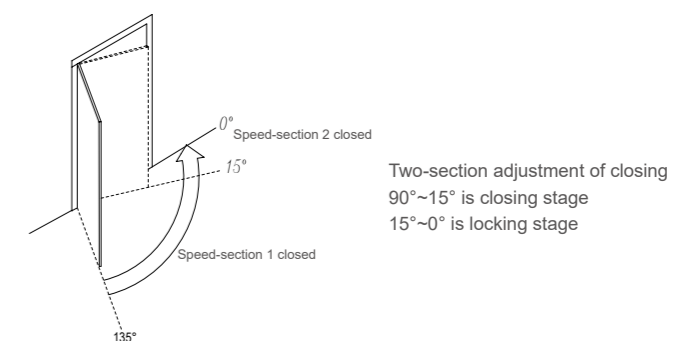
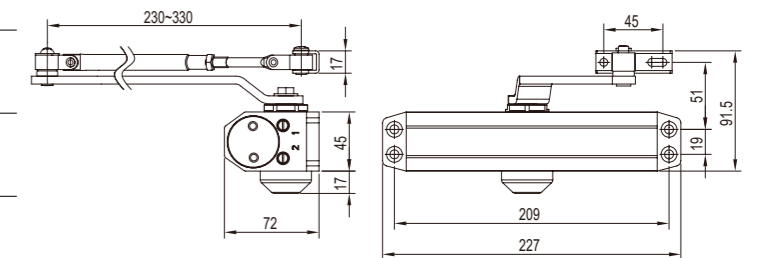


Door Closer

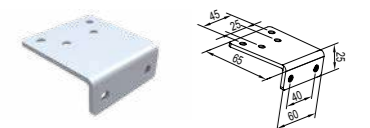
Technical Parameters

	Positioning 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~55°C
	Passed the test of EN1154 standard of door closing detection.	
	Passed the test of industrial standard JG/T 268.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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



B103

Door closer

Surface installed 135° Non-hold Two



Technical Parameters

	Positioning 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~55°C

Passed the test of EN1154 standard of door closing detection.

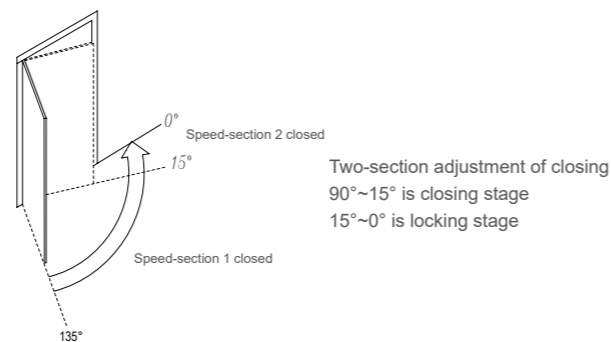
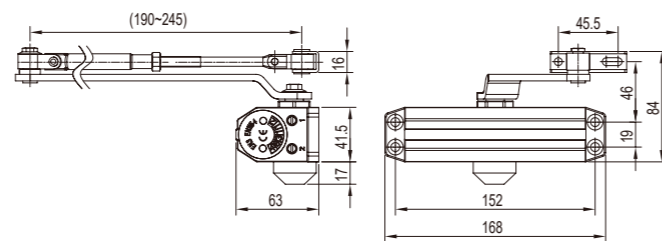
Passed the test of industrial standard JG/T 268.

Exit door or fire-proof door must adopt the door closer without the hold function.

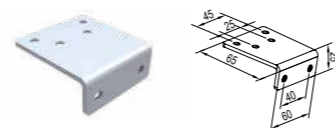
It can be used on both left and right side door.

Only for single side open, and suits for wooden door, metal door and frame door etc.

Dimensions & Functional Characteristic



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



BBM10013

Door closer

Surface installed 90° Hold Two



Technical Parameters

	Positioning type	90°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~55°C

Passed the test of EN1154 standard of door closing detection.

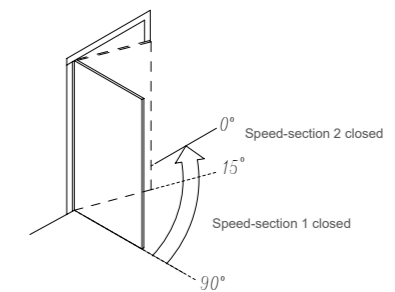
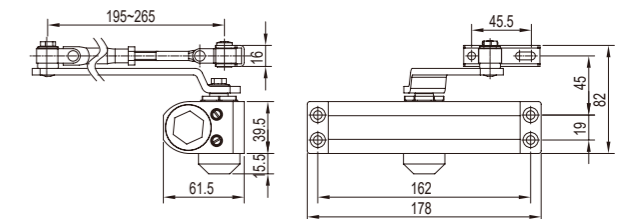
Passed the test of industrial standard JG/T 268.

It can be used on both left and right side door.

Only for single side open, and suits for wooden door, metal door and frame door etc.

This type of door closers cannot be used for fire-proof doors.

Dimensions & Functional Characteristic



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

BBM70102

Door closer

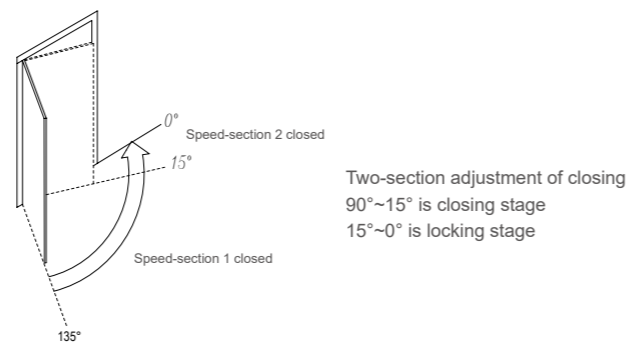
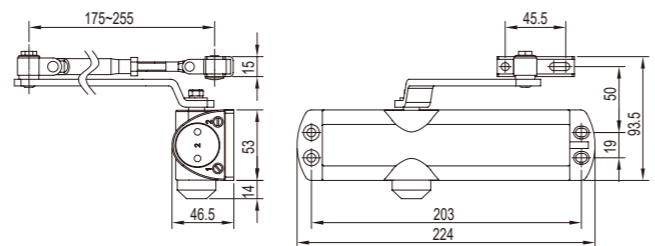
Surface installed 135° Non-hold Two



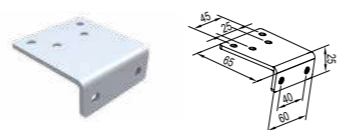
Technical Parameters

	Positioning 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~55°C
	Passed the test of industrial standard JG/T 268.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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



BBM70112

Door closer

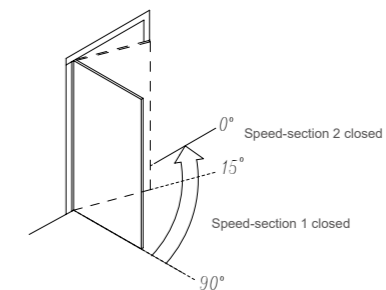
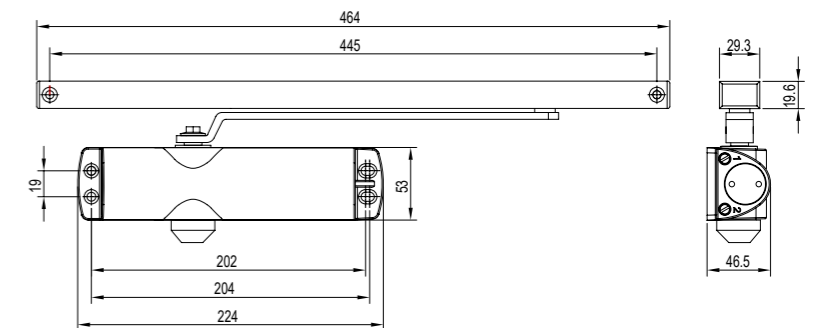
Surface installed 90° Hold Two



Technical Parameters

	Positioning 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~55°C
	Passed the test of industrial standard JG/T 268.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

BBM80102

Door closer

Surface installed 135° Non-hold Two

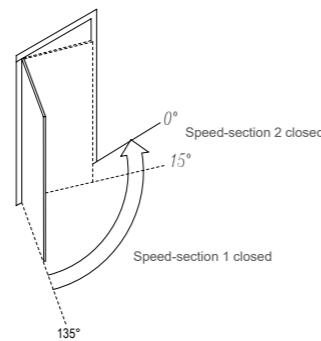
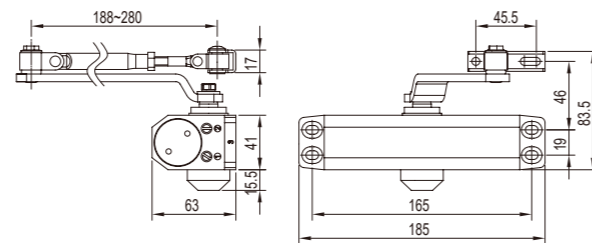


Door Closer

Technical Parameters

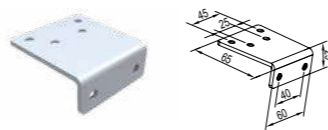
	Positioning type	Non-hold
	Door width	650-900mm
	Maximum Loading	45kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C
	Passed the test of industrial standard JG/T 268.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

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



BBM80212

Door closer

Surface installed 90° Hold Two

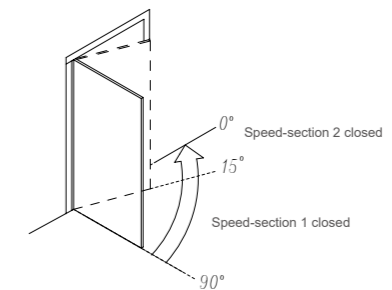
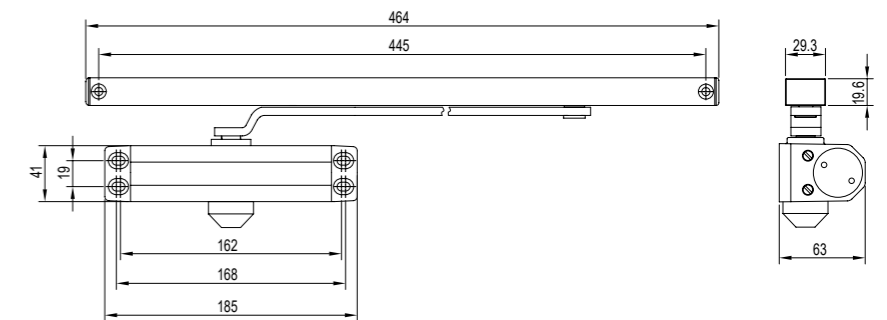


Door Closer

Technical Parameters

	Positioning 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~55°C
	Passed the test of industrial standard JG/T 268.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

B803 / B804

Door closer

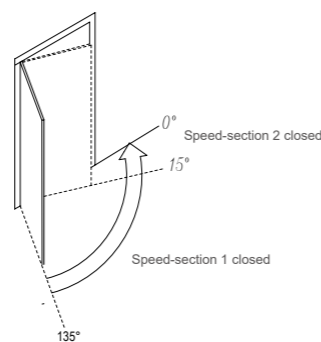
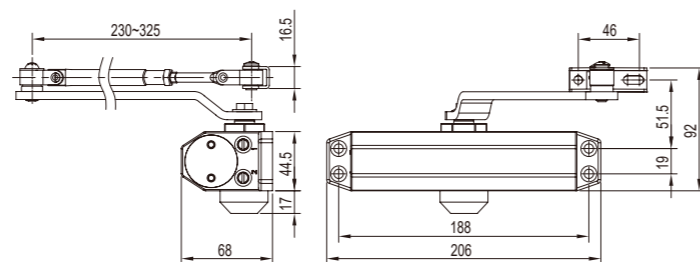
Surface installed 135° Non-hold Two



Technical Parameters

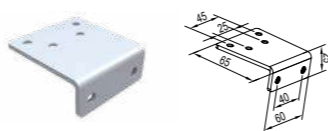
	Positioning type	Non-hold
	Door width	850~1100mm 1000~1250mm
	Maximum Loading	65kg/ 85kg
	Service life	>500,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C
	Passed the test of EN1154 standard of door closing detection.	
	Passed the test of industrial standard JG/T 268.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

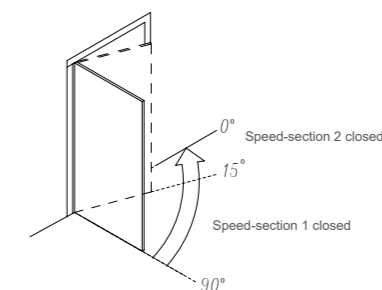
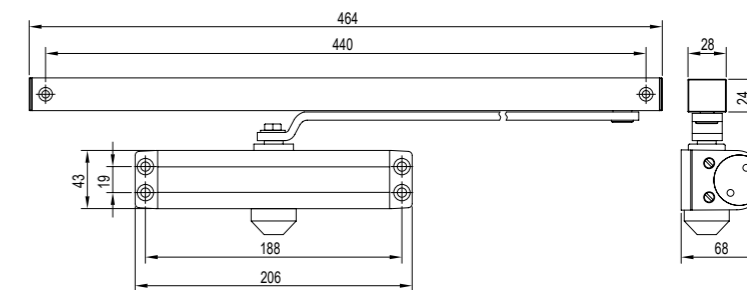
Surface installed 90° Hold Two



Technical Parameters

	Positioning 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~55°C
	Passed the test of EN1154 standard of door closing detection.	
	Passed the test of industrial standard JG/T 268.	
	It can be used on both left and right side door	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

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

BBM90103

Door closer

Surface installed Buffer 135° Non-hold Two

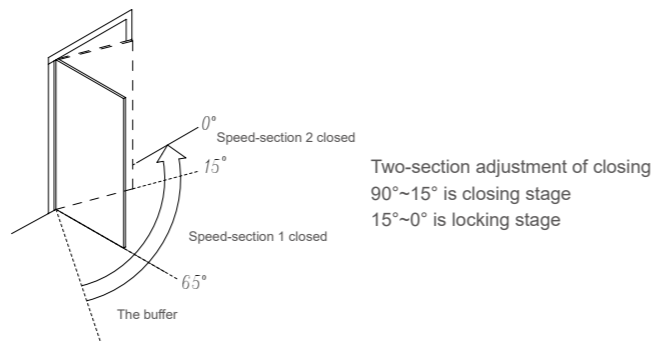
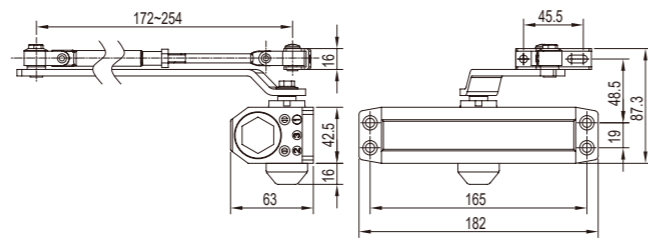


Door buffer valve

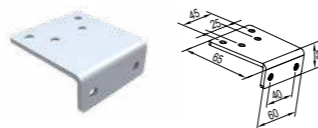
Technical Parameters

	Positioning 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~55°C
	Passed the test of EN1154 standard of door closing detection.	
	Passed the test of industrial standard JG/T 268.	
	Exit door or fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Door opening buffer function: when the door is opened to 65°, the door opening will have obvious resistance.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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



BBM90104

Door closer

Surface installed Buffer 135° Non-hold Two

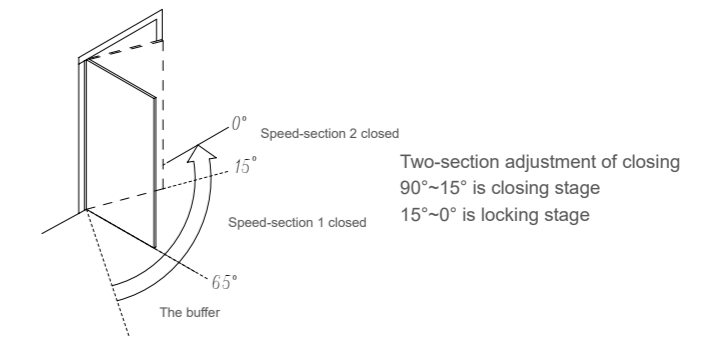
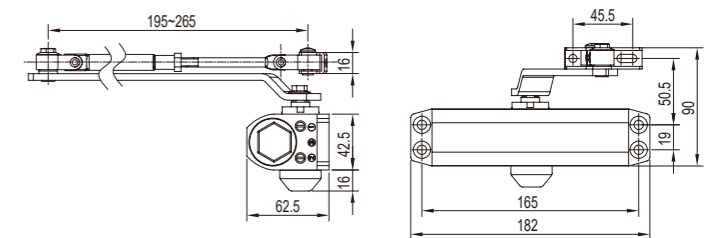


Door buffer valve

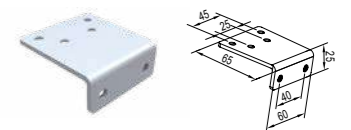
Technical Parameters

	Positioning 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~55°C
	Passed the test of EN1154 standard of door closing detection.	
	Passed the test of industrial standard JG/T 268.	
	Exit door or Fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Door opening buffer function: when the door is opened to 65°, the door opening will have obvious resistance.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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



B104

Door closer

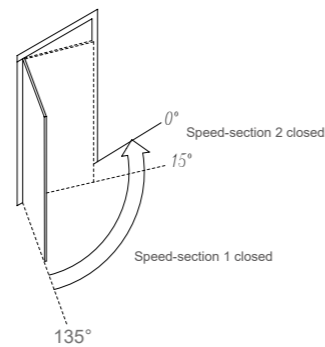
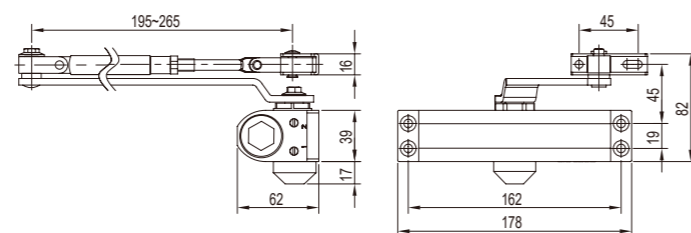
Surface installed 135° Non-hold Two



Technical Parameters

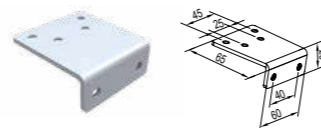
	Positioning type	Non-hold
	Door width	1000~1250mm
	Maximum Loading	85kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C
	Passed the test of industrial standard JG/T 268.	
	Exit door or Fire-proof door must adopt the door closer without the hold function.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



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

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



BBM10014

Door closer

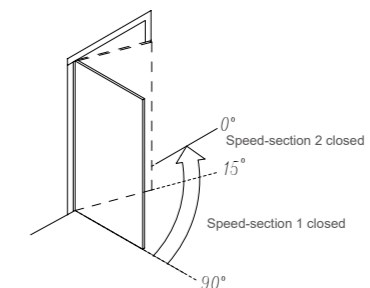
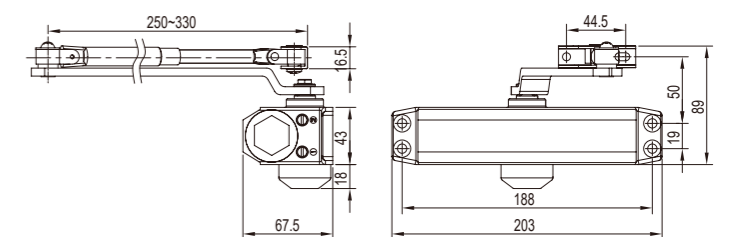
Surface installed 90° Hold Two



Technical Parameters

	Positioning type	90°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~55°C
	Passed the test of industrial standard JG/T 268.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	
	This type of door closers cannot be used for fire-proof doors.	

Dimensions & Functional Characteristic



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

BBM90105

Door closer

Surface installed Delayed Buffer Adjustable 180° Non-hold Two



Technical Parameters

	Positioning type	Non-hold
	Door width	650~1200mm
	Maximum Loading	25~120kg
	Service life	>500,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C

Passed the test of EN1154 standard of door closing detection.

Passed the test of industrial standard JG/T 268.

Exit door or fire-proof door must adopt the door closer without the hold function.

It can be used on both left and right side door.

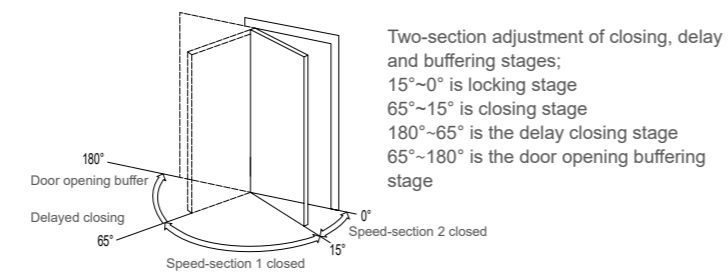
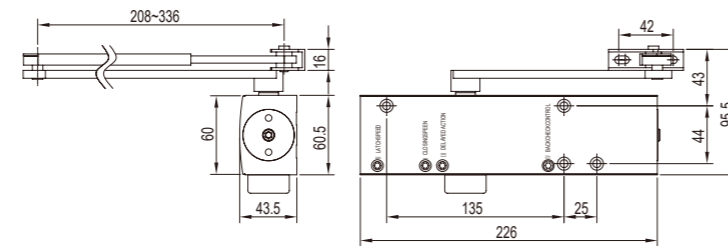
Delayed door closing function: When the door opening angle is greater than 65°, the door will delay its closing time to 65° to restore normal speed.

Door opening buffer function: When the door is opened to 65°, the door opening will have obvious resistance.

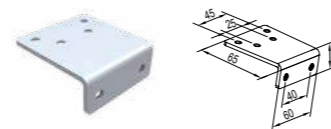
Adjustable torque: the opening force can be adjusted according to the size and weight of the door.

Only for single side open, and suits for wooden door, metal door and frame door etc.

Dimensions & Functional Characteristic



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



B415

Door closer

Surface installed 135° Non-hold Two



Technical Parameters

	Positioning 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~55°C

Passed the test of EN1154 standard of door closing detection.

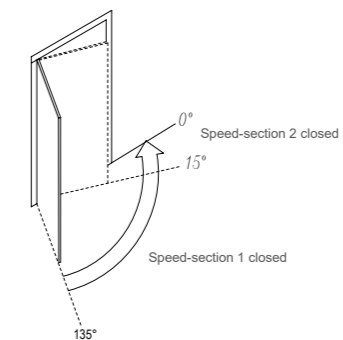
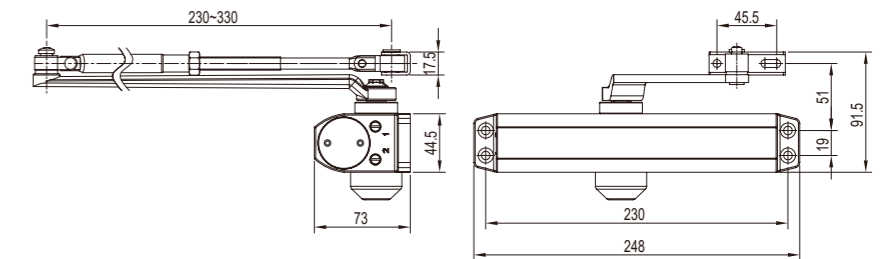
Passed the test of industrial standard JG/T 268.

Exit door or fire-proof door must adopt the door closer without the hold function

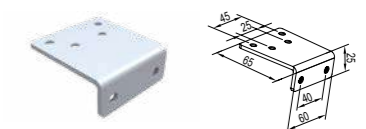
It can be used on both left and right side door.

Only for single side open, and suits for wooden door, metal door and frame door etc.

Dimensions & Functional Characteristic



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



BBM90115

Door closer

- Surface installed
- Delayed
- Buffer
- Adjustable
- 180°
- Non-hold
- Two



Technical Parameters

	Positioning type	Hold can be anywhere and withdrawn
	Door width	650~1200mm
	Maximum Loading	25~85kg
	Service life	>500,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C

Passed the test of EN1154 standard of door closing detection.

Passed the test of industrial standard JG/T 268.

It can be used on both left and right side door.

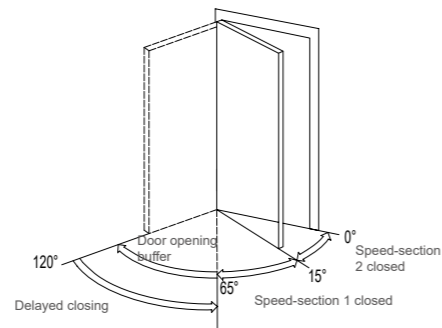
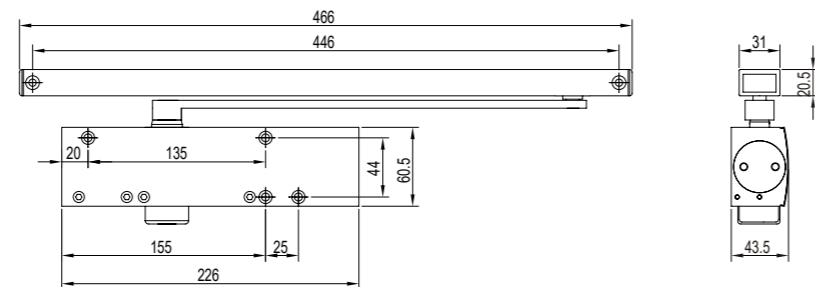
Delayed door closing function: when the door opening angle is greater than 65°, the door will delay its closing time to 65° to restore normal speed.

Door opening buffer function: when the door is opened to 65°, the door opening will have obvious resistance.

Adjustable torque: the opening force can be adjusted according to the size and weight of the door.

Only for single side open, and suits for wooden door, metal door and frame door etc.

Dimensions & Functional Characteristic



Two-section adjustment of closing, delay and buffering stages;
 15°~0° is locking stage
 65°~15° is closing stage
 120°~65° is the delay closing stage
 65°~120° is the door opening buffering stage

BBM90206 New

Door closer

- Surface installed
- Delayed
- Buffer
- Adjustable
- 135°
- Non-hold
- Two



Technical Parameters

	Positioning type	Hold can be anywhere and withdrawn
	Door width	650~1500mm
	Maximum Loading	25~150kg
	Service life	>500,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C

Passed the test of EN1154 standard of door closing detection.

Passed the test of industrial standard JG/T 268.

Exit door or Fire-proof door must adopt the door closer without the hold function.

It can be used on both left and right side door.

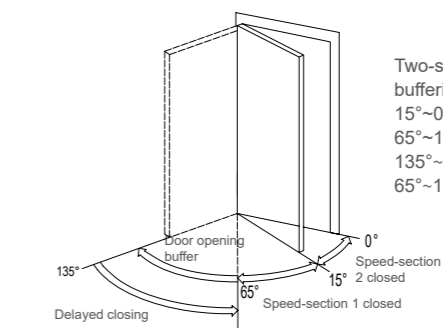
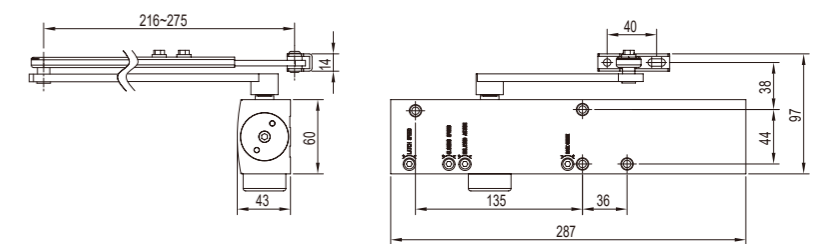
Delayed door closing function: when the door opening angle is greater than 65°, the door will delay its closing time to 65° to restore normal speed.

Door opening buffer function: when the door is opened to 65°, the door opening will have obvious resistance.

Adjustable torque: the opening force can be adjusted according to the size and weight of the door.

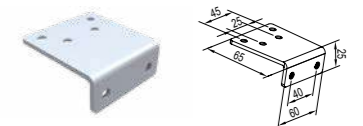
Only for single side open, and suits for wooden door, metal door and frame door etc.

Dimensions & Functional Characteristic



Two-section adjustment of closing, delay and buffering stages;
 15°~0° is locking stage
 65°~15° is closing stage
 135°~65° is the delay closing stage
 65°~135° is the door opening buffering stage

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



YB301/YB305/YB306

Door closer

Concealed 90° Hold Two



BBM30112

Door closer

Concealed 90° Hold Two



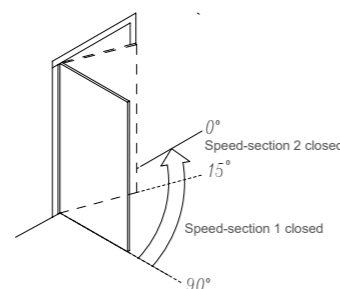
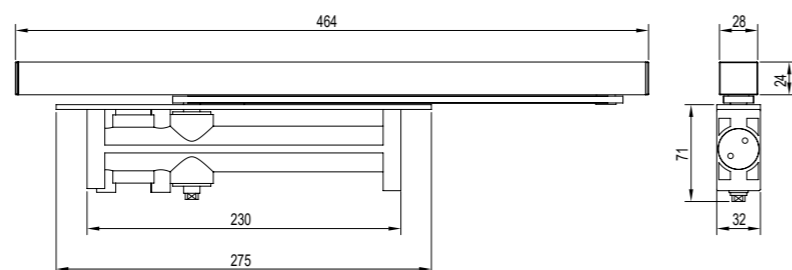
Door Closer

Door Closer

Technical Parameters

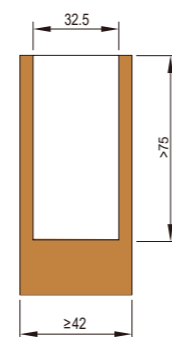
	Positioning type	Hold can be anywhere and withdrawn
	Door width	650~900mm 850~1100mm 1000~1250mm
	Maximum Loading	45kg/ 65kg/ 85kg
	Service life	>500,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C
	Passed the test of EN1154 standard of door closing detection.	
	Passed the test of industrial standard JG/T 268.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	
	Built-in safety valve, so that the main body in the external strong wind or pressure environment is protected to prevent cylinder damage or oil leakage.	

Dimensions & Functional Characteristic



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

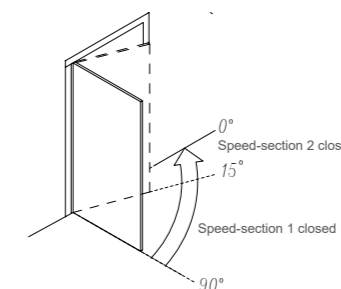
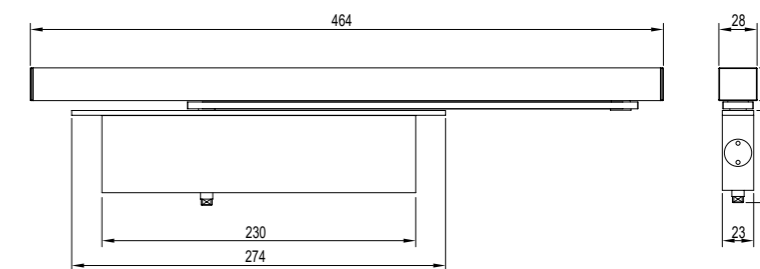
Thickness requirement of wooden casement



Technical Parameters

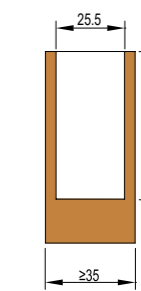
	Positioning type	Hold can be anywhere and withdrawn
	Door width	650~800mm
	Maximum Loading	45kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C
	Passed the test of industrial standard JG/T 268.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	
	Built-in safety valve, so that the main body in the external strong wind or pressure environment is protected to prevent cylinder damage or oil leakage.	

Dimensions & Functional Characteristic



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

Thickness requirement of wooden casement



BBM30113

Door closer

Concealed 90° Hold Two

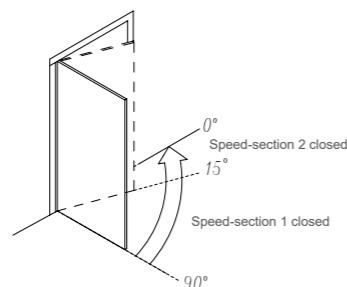
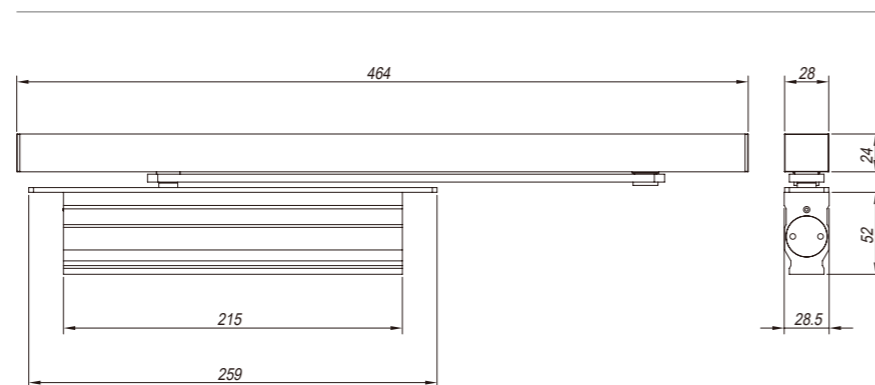


Door Closer

Technical Parameters

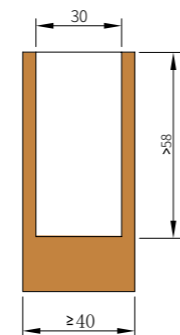
	Positioning type	Hold can be anywhere and withdrawn
	Door width	850~1100mm
	Maximum Loading	65kg
	Service life	> 500,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C
	Passed the test of EN1154 standard of door closing detection.	
	Passed the test of industrial standard JG/T 268.	
	It can be used on both left and right side door.	
	Only for single side open, and suits for wooden door, metal door and frame door etc.	

Dimensions & Functional Characteristic



Two-section adjustment of closing
 90°~15° is closing stage
 15°~0° is locking stage
 The adjustment diagram of the rail holding force is the same as YB301, YB305, YB306

Thickness requirement of wooden casement

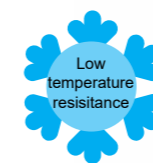


BBM30213

Door closer

New

Concealed Low temperature resistance 90° Hold Two



BBM30114

Door closer

Concealed Adjustable Bufferd 90° Hold Two



Technical Parameters

	Positioning type	Hold can be anywhere and withdrawn
	Door width	650~1100mm
	Maximum Loading	45~85kg
	Service life	>500,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C

Passed the test of EN1154 standard of door closing detection

Passed the test of industrial standard JG/T 268

Only for single side open, and suits for wooden door, metal door and frame door etc.

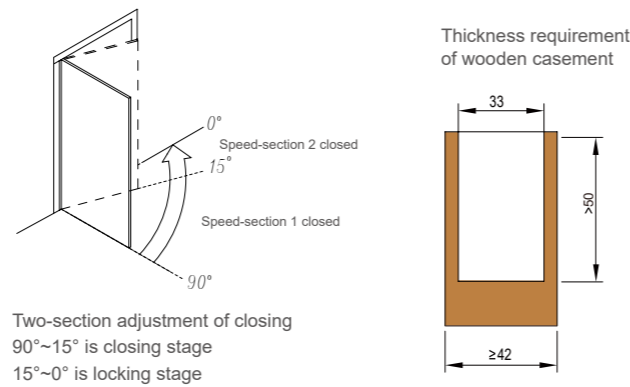
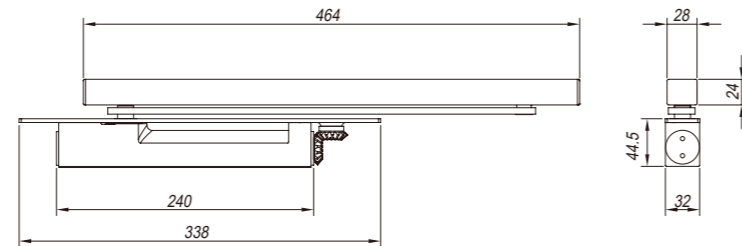
Adjustable torque: the opening force can be adjusted according to the size and weight of the door.

With buffer function, effectively protect the door body and hardware products damage.

CAM advantage: the opening force decreases rapidly with the increase of the opening Angle, the opening saves effort and the closing is strong Closing force: Closing speed and locking speed can be adjusted independently without distinguishing between left and right installation.

Built-in safety valve, so that the main body in the external strong wind or pressure environment is protected to prevent cylinder damage or oil leakage.

Dimensions & Functional Characteristic



BBM30115

Door closer

Concealed 90° Hold Two



Technical Parameters

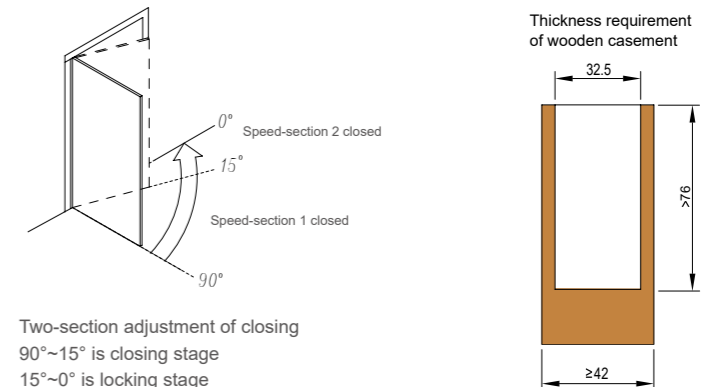
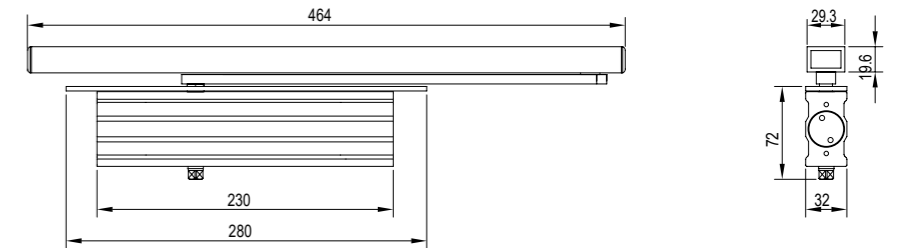
	Positioning type	Hold can be anywhere and withdrawn
	Door width	1100~1300mm
	Maximum Loading	100kg
	Service life	>300,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C

Passed the test of industrial standard JG/T 268.

It can be used on both left and right side door.

Only for single side open, and suits for wooden door, metal door and frame door etc.

Dimensions & Functional Characteristic



03

Glass Door Patch



Glass Door Patch List

NO.	Code	Product Name	Maximum Loading	Diagram	Glass Thickness	Door Height	Door Width	Page number
1	KMJ443 KMJ443A	Patch fitting	100Kg		10~12mm	≤ 2600mm	≤ 900mm	P121
2	KMJ112 KMJ113 KMJ123	Patch fitting	100Kg		10~12mm	≤ 2600mm	≤ 1000mm	P123
3	KMJ114	Patch fitting	130Kg		10-12	≤ 2800mm	≤ 1000mm	P133
4	KMJ115 KMJ115B	Patch fitting	150Kg		12、15、 19mm	≤ 2800mm	≤ 1200mm ≤ 1000mm	P134
5	KMJ117 KMJ118	Patch fitting	200Kg		15~22mm	≤ 3000mm	≤ 1200mm	P137
6	KMJ333	Brackets	100Kg		10~15mm	≤ 2600mm	≤ 1000mm	P141
7	KMJ344	Brackets	130Kg		10~15mm	≤ 2800mm	≤ 1100mm	P142
8	KMJ354	Brackets	130Kg		10~15mm	≤ 2800mm	≤ 1100mm	P143
9	KMJ214	Long patch fitting	130Kg		10~12mm	≤ 2800mm	≤ 1200mm	P145
10	KMJ215	Long patch fitting	150Kg		10~15mm	≤ 2800mm	≤ 1400mm	P147
11	KMJ217	Long patch fitting	200Kg		10~19mm	≤ 3000mm	≤ 1400mm	P149
12	M8	Fixed Patch Fitting	40Kg		10~12mm	≤ 1800mm	≤ 600mm	P151
13	M7/8	Fixed Patch Fitting	50Kg		10~12mm	≤ 2200mm	≤ 600mm	P152
14	M41A	Lock patch	/		10~12mm	/	/	P156

Patch Series 100Kg

Functional Characteristic

It's suitable for casement glass door
 The decorative cover is fixed by inner hexagon screws
 Both left and right doors can be used, no distinguish between left and right doors

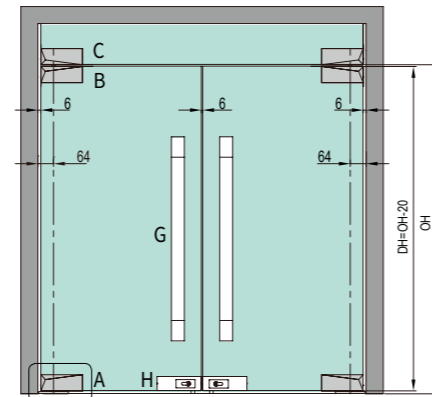
Technical Parameters

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

Main Material and Surface Finish

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

Installation Diagram

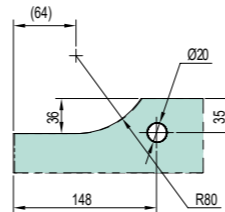
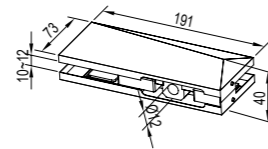


A: Concealed Floor Hinge B: Upper Patch
 C: Top Patch G: Handle
 H: Glass Door Lock [KMS11250 (10~12/21)]

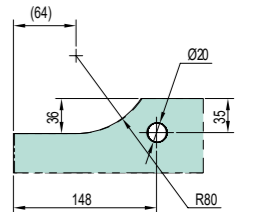
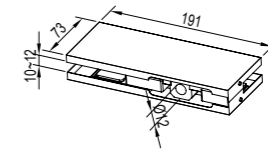


Used with concealed floor hinge (See P39)

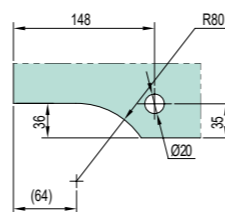
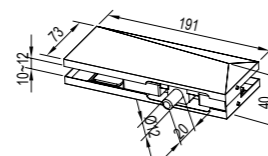
KMJ44320 Upper Patch



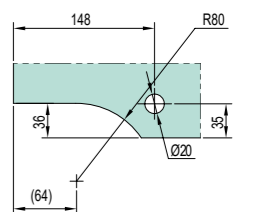
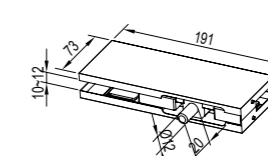
KMJ4432A Upper Patch



KMJ44330 Top Patch



KMJ4433A Top Patch



Patch Series 100Kg

Functional Characteristic

It's suitable for casement glass door
 The decorative cover is fixed by inner hexagon screws
 Both left and right doors can be used, no distinguish between left and right doors

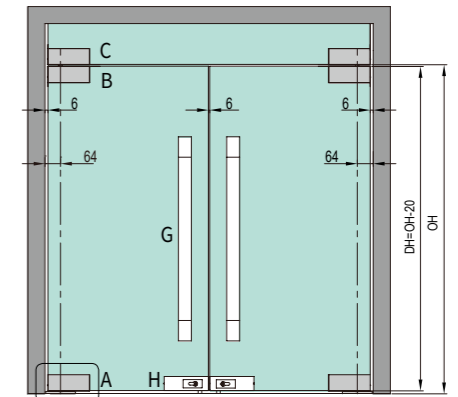
Technical Parameters

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

Main Material and Surface Finish

Main Material: Main body-- High strength die-casting aluminum alloy
 Decorative cover--SS304
 Surface Finish: Satin

Installation Diagram



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



Used with concealed floor hinge (See P39)

Patch Series 100Kg

Functional Characteristic

- It's suitable for casement glass door
- The decorative cover is buckle-mounted
- Both left and right doors can be used, no distinguish between left and right doors
- The bottom patch cooperates with floor hinge and lower shaft
- Factory standard angle is 14° by default
- The supporting bending patch is KMJ11340

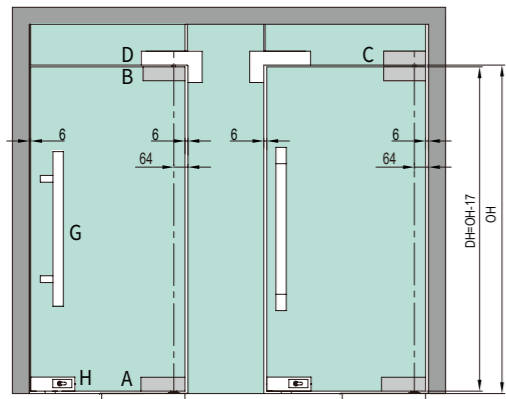
Technical Parameters

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

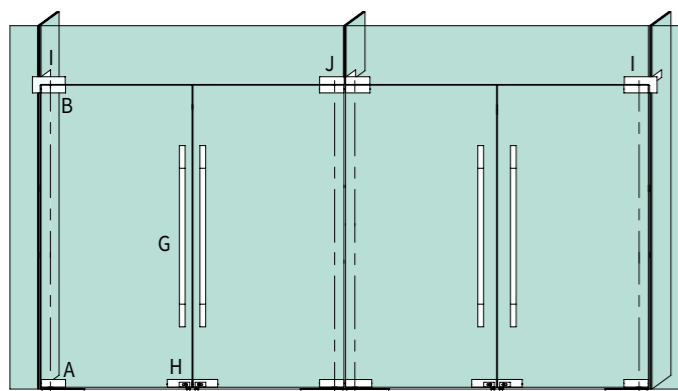
Main Material and Surface Finish

Main Material: Main body-- High strength die-casting aluminum alloy and high-quality carbon steel
 Decorative cover--SS304
 Surface Finish: Satin / Mirror

Installation Diagram

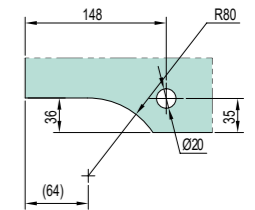
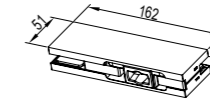


A: Bottom Patch B: Upper Patch C: Top Patch
 D: Bending Patch G: Handle H: Glass Door Lock

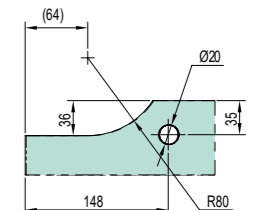
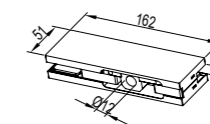


A: Bottom Patch B: Upper Patch G: Handle
 H: Glass Door Lock I: F-shape Patch (L) / (R) J: T-shape Patch

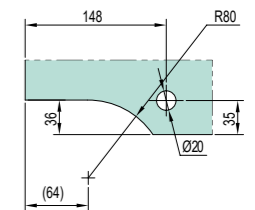
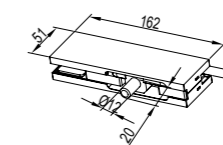
KMJ11210 Bottom Patch



KMJ11220 Upper Patch



KMJ11230 Top Patch



Patch Series 100Kg

Functional Characteristic

It's suitable for casement glass door

KMJ11210-HW、KMJ11220-HW: The decorative cover one end is fixed by inner hexagon screws, one end is buckle-mounted

KMJ11230-HW: The decorative cover is buckle-mounted

Both left and right doors can be used, no distinguish between left and right doors

The bottom patch cooperates with floor hinge and lower shaft

Factory standard angle is 14° by default

The supporting bending patch is KMJ11340

Technical Parameters

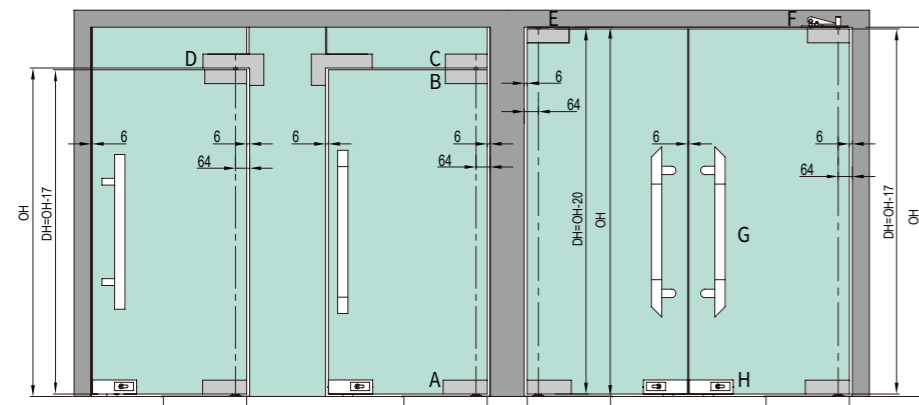
Maximum Bearing	100kg
Glass Thickness	10-12mm
Door sash width dimension	≤1000mm
Door sash height dimension	≤2600mm

Main Material and Surface Finish

Main Material: Main body-- High strength die-casting aluminum alloy and high-quality carbon steel
Decorative cover--SS304

Surface Finish: Satin / Mirror

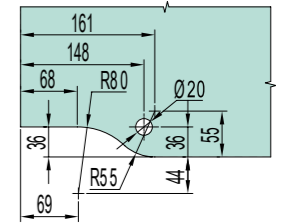
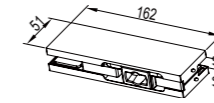
Installation Diagram



- 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

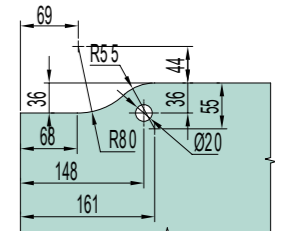
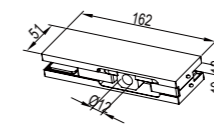
KMJ11210-HW Bottom Patch

NEW



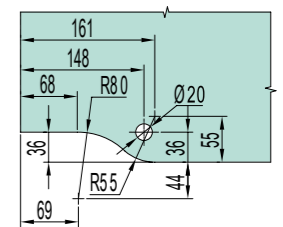
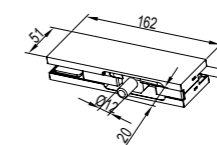
KMJ11220-HW Upper Patch

NEW



KMJ11230-HW Top Patch

NEW



Patch Series 100Kg

Functional Characteristic

It's suitable for casement glass door
 The decorative cover one end is fixed by inner hexagon screws, one end is buckle-mounted
 Both left and right doors can be used, no distinguish between left and right doors
 The bottom patch cooperates with floor hinge and lower shaft
 KMJ1121D: Factory standard angle is 14° by default
 The supporting bending patch is KMJ11340

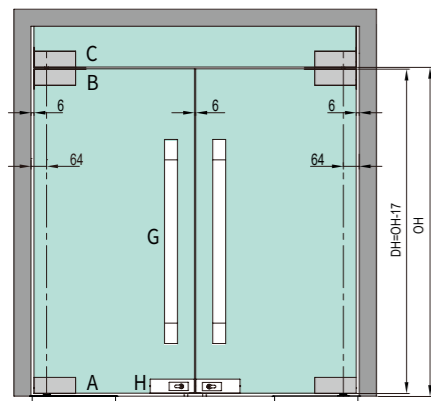
Technical Parameters

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

Main Material and Surface Finish

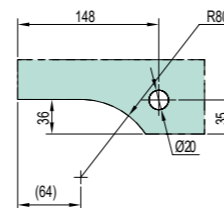
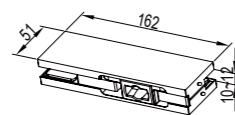
Main Material: Main body-- High strength die-casting aluminum alloy and high-quality carbon steel
 Decorative cover--SS304
 Surface Finish: Satin / Mirror

Installation Diagram



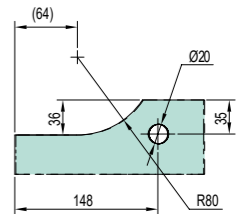
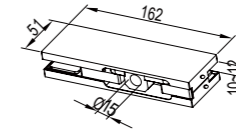
A: Bottom Patch B: Upper Patch C: Top Patch
 G: Handle H: Glass Door Lock

KMJ1121D Bottom Patch

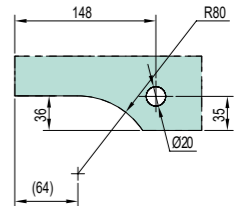
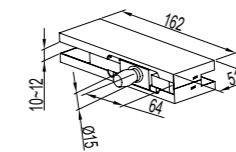


Note: Used with DORMA ground spring

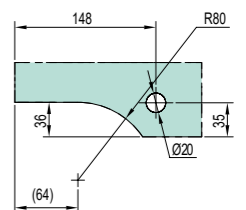
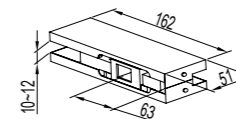
KMJ1122D Upper Patch



KMJ1123D Top Patch



KMJ1121E Bottom Patch



Note: Used with MAB ground spring

Patch Series 100Kg

Functional Characteristic

It's suitable for casement glass door
 The decorative cover is fixed by inner hexagon screws
 Both left and right doors can be used, no distinguish between left and right doors
 The bottom patch cooperates with floor hinge and lower shaft
 Factory standard angle is 14° by default

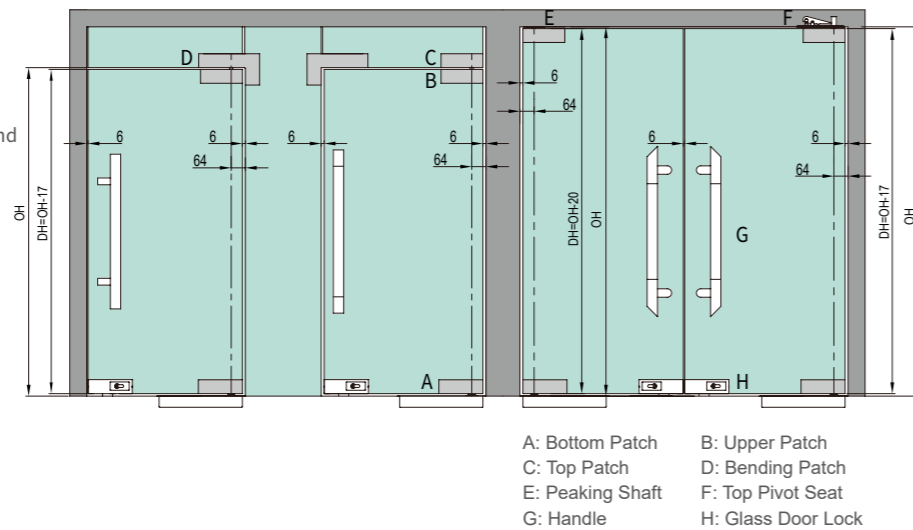
Technical Parameters

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

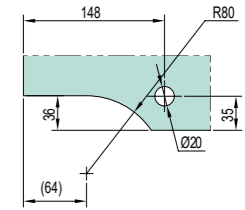
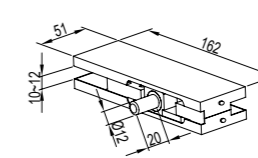
Main Material and Surface Finish

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

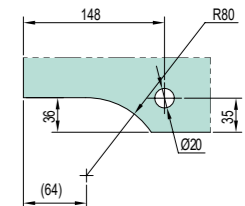
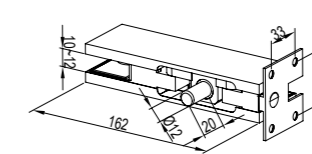
Installation Diagram



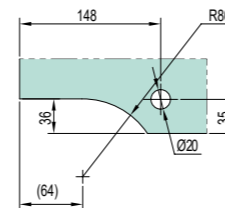
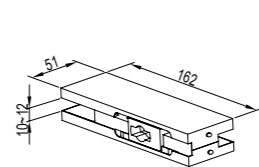
KMJ11330 Top Patch



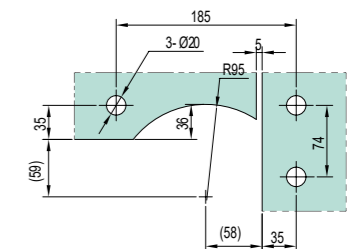
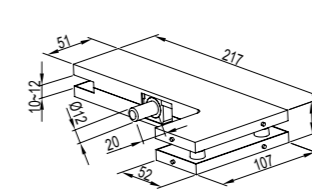
KMJ1133A Top Patch



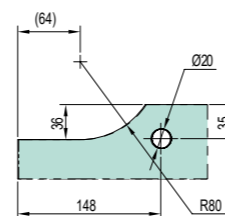
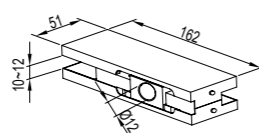
KMJ11310 Bottom Patch



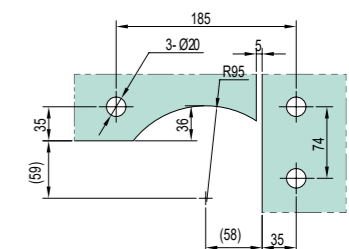
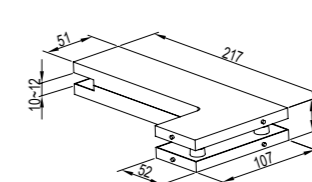
KMJ11340 Bending Patch



KMJ11320 Upper Patch

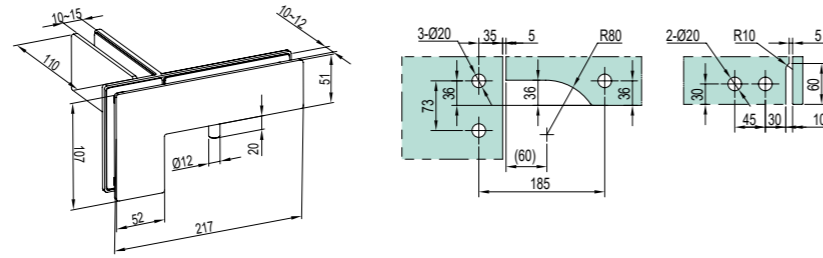


KMJ1134A Bending Patch



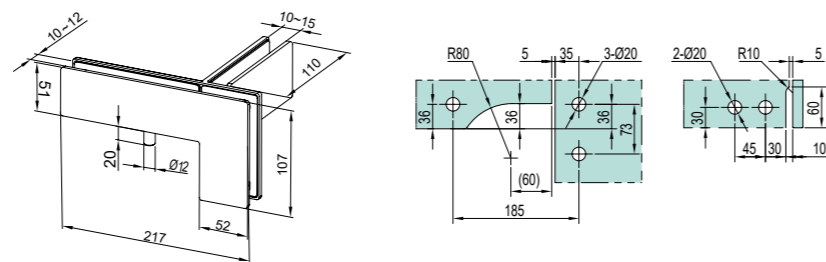
Patch Series 100Kg

KMJ1136L F-shape Patch



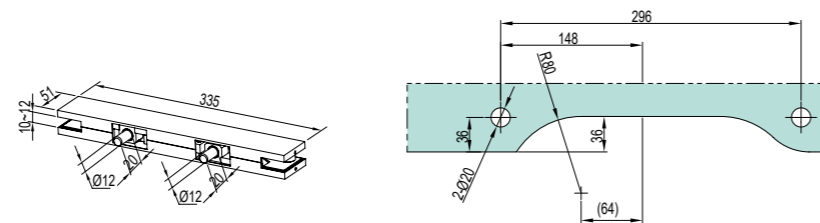
Note: The facade glass thickness is 10~12mm and the fin glass thickness is 10~15mm.

KMJ1136R F-shape Patch

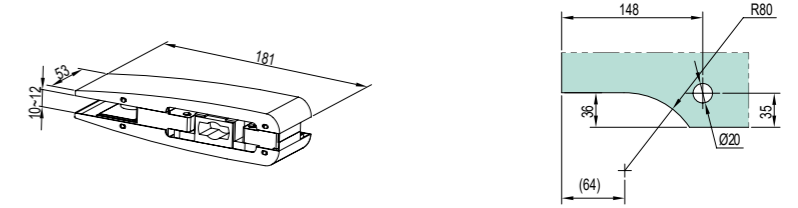


Note: The facade glass thickness is 10~12mm and the fin glass thickness is 10~15mm.

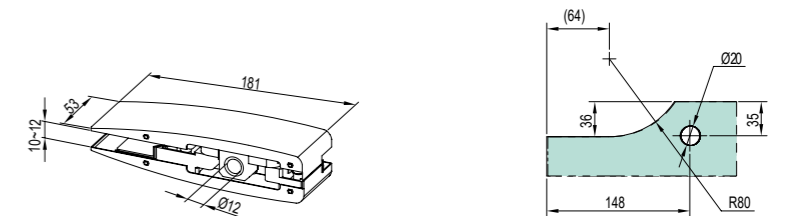
KMJ11380 Linear-shape patch fitting



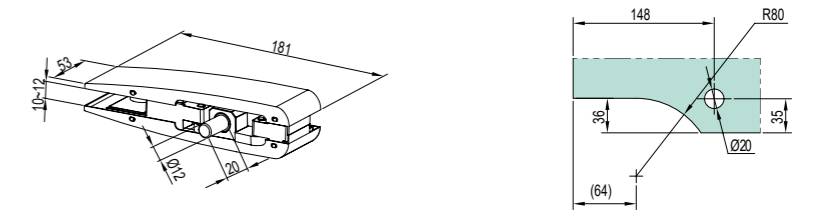
KMJ12310 Bottom Patch



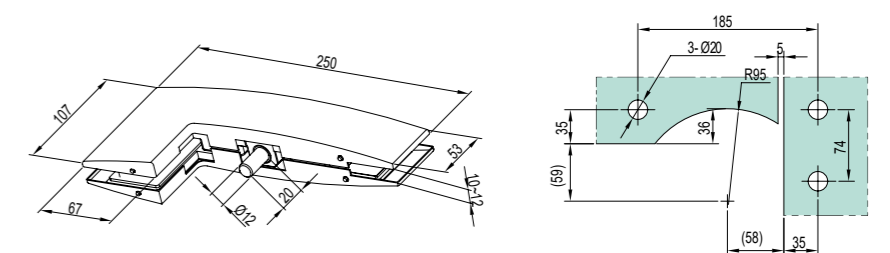
KMJ12320 Upper Patch



KMJ12330 Top Patch



KMJ12340 Bending Patch



Patch Series 130Kg

Functional Characteristic

It's suitable for casement glass door
 The decorative cover is fixed by inner hexagon screws
 Both left and right doors can be used, no distinguish between left and right doors
 The bottom patch cooperates with floor hinge and lower shaft
 Factory standard angle is 14° by default

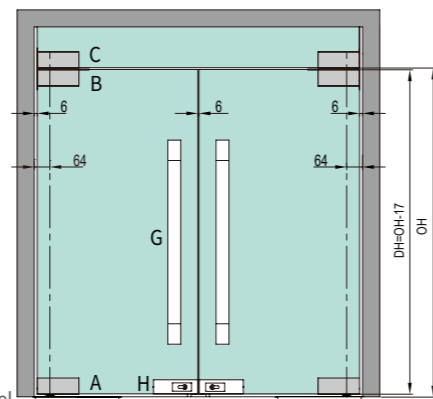
Technical Parameters

Maximum Bearing	130kg
Glass Thickness	10-12mm
Door sash width dimension	≤1000mm
Door sash height dimension	≤2800mm

Main Material and Surface Finish

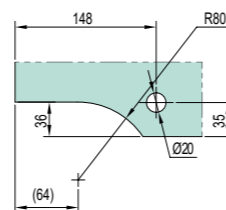
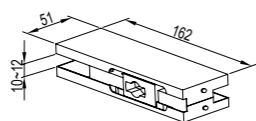
Main Material: Main body-- High strength die-casting aluminum alloy and high-quality carbon steel
 Decorative cover--SS304
 Surface Finish: Satin / Mirror

Installation Diagram

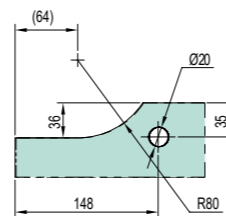
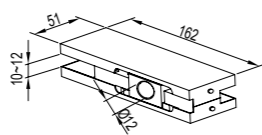


A: Bottom Patch B: Upper Patch C: Top Patch
 G: Handle H: Glass Door Lock

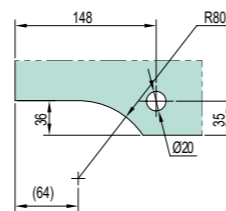
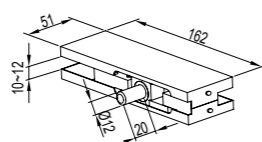
KMJ11410 Bottom Patch



KMJ11420 Upper Patch



KMJ11430 Top Patch



Patch Series 150Kg

Functional Characteristic

It's suitable for casement glass door
 The decorative cover is fixed by inner hexagon screws
 Both left and right doors can be used, no distinguish between left and right doors
 The bottom patch cooperates with bottom shaft of floor hinge
 Factory standard angle is 14° by default

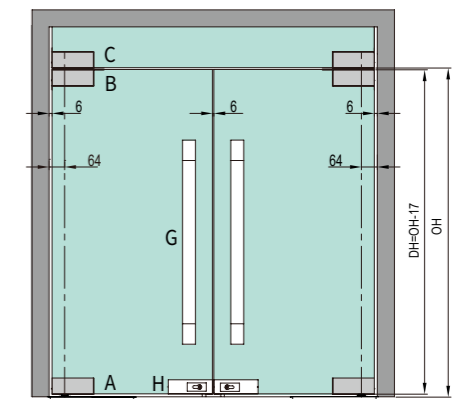
Technical Parameters

Maximum Bearing	150kg
Glass Thickness	19mm
Door sash width dimension	≤1000mm
Door sash height dimension	≤2800mm

Main Material and Surface Finish

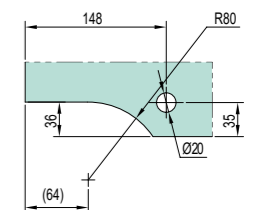
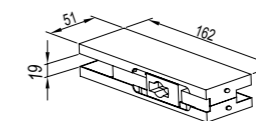
Main Material: Main body-- High strength die-casting aluminum alloy and high-quality carbon steel
 Decorative cover--SS304
 Surface Finish: Satin / Mirror

Installation Diagram

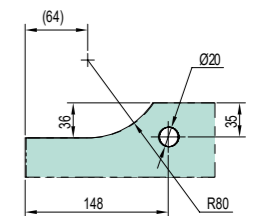
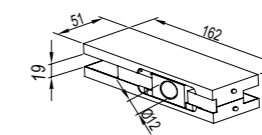


A: Bottom Patch B: Upper Patch C: Top Patch
 G: Handle H: Glass Door Lock

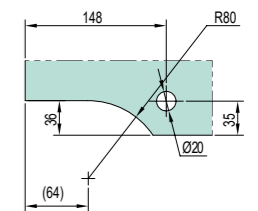
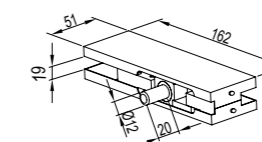
KMJ1151B Bottom Patch



KMJ1152B Upper Patch



KMJ1153B Top Patch



Patch Series 150Kg

Functional Characteristic

It's suitable for casement glass door
 The decorative cover is fixed by inner hexagon screws
 Both left and right doors can be used, no distinguish between left and right doors
 The bottom patch cooperates with floor hinge and lower shaft
 Factory standard angle is 14° by default

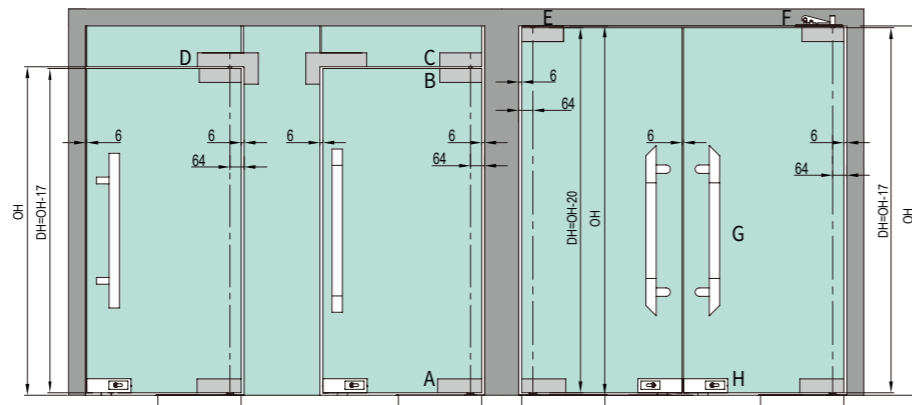
Technical Parameters

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

Main Material and Surface Finish

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

Installation Diagram

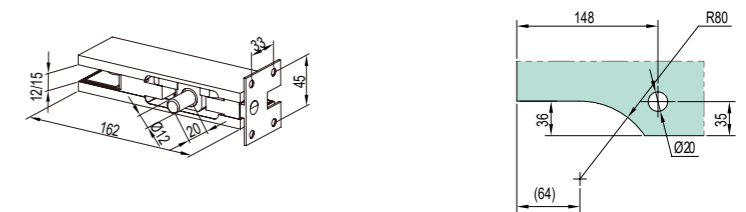


- A: Bottom Patch
- B: Upper Patch
- C: Top Patch
- D: Bending Patch
- E: Peaking Shaft
- F: Top Pivot Seat
- G: Handle
- H: Glass Door Lock

KMJ11530 Top Patch



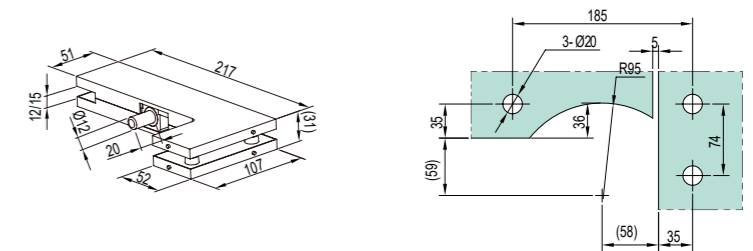
KMJ1153A Top Patch



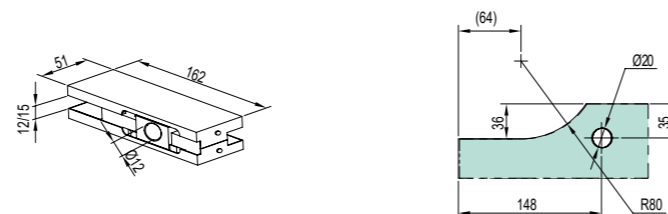
KMJ11510 Bottom Patch



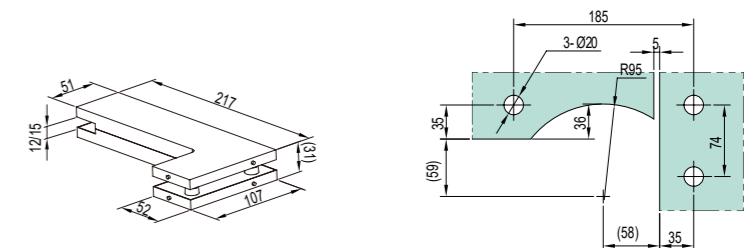
KMJ11540 Bending patch



KMJ11520 Upper Patch



KMJ1154A Bending patch



Patch Series 200Kg

Functional Characteristic

It's suitable for casement glass door
 The decorative cover is fixed by inner hexagon screws
 Both left and right doors can be used, no distinguish between left and right doors
 The bottom patch cooperates with floor hinge and lower shaft
 Factory standard angle is 14° by default

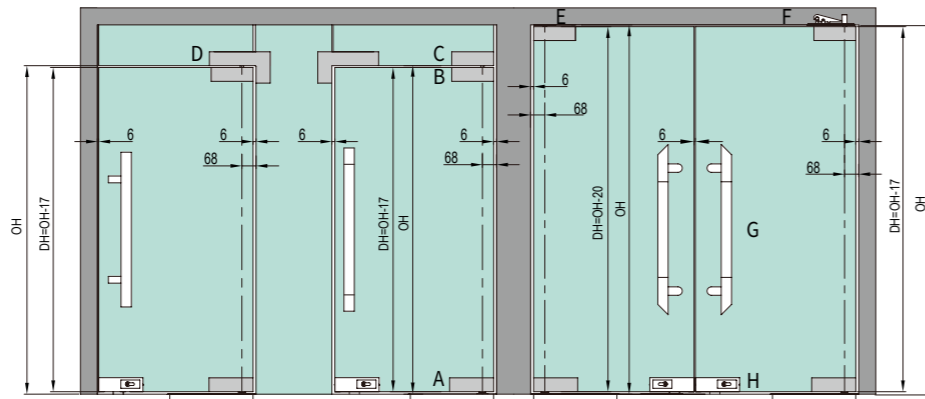
Technical Parameters

Maximum Bearing	200kg
Glass Thickness	15-22mm
Door sash width dimension	≤1200mm
Door sash height dimension	≤3000mm

Main Material and Surface Finish

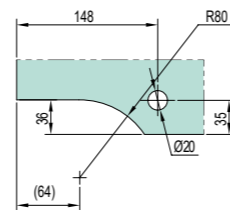
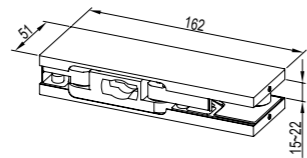
Main Material: Main body-- Precision Casting Stainless Steel
 Decorative cover--SS304
 Surface Finish: Satin / Mirror

Installation Diagram

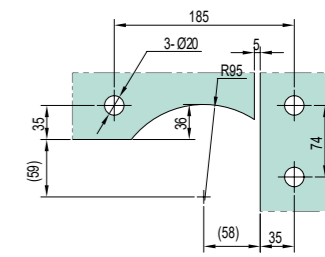
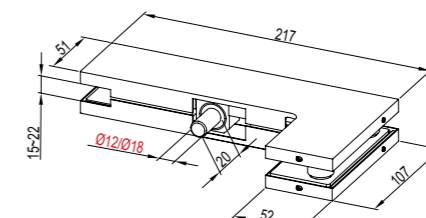


- A: Bottom Patch
- B: Upper Patch
- C: Top Patch
- D: Bending Patch
- E: Peaking Shaft
- F: Top Pivot Seat
- G: Handle
- H: Glass Door Lock

KMJ11710 Bottom Patch

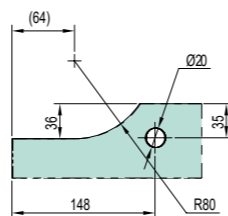
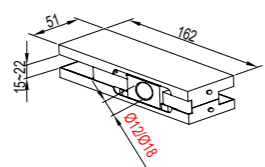


KMJ11740 Bending patch

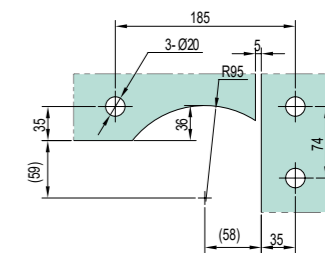
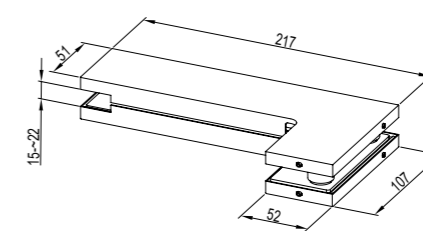


Note: Pay attention to the specifications of the matching shaft diameter when selecting

KMJ11720 Upper Patch



KMJ1174A Bending patch



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

Patch Series 200Kg

Functional Characteristic

- It's suitable for casement glass door
- Suitable for structure with glass fin
- Only for auxiliary fixing for facade glass and fin glass, not use for bearing loads
- Both left and right doors can be used, distinguish between left and right doors

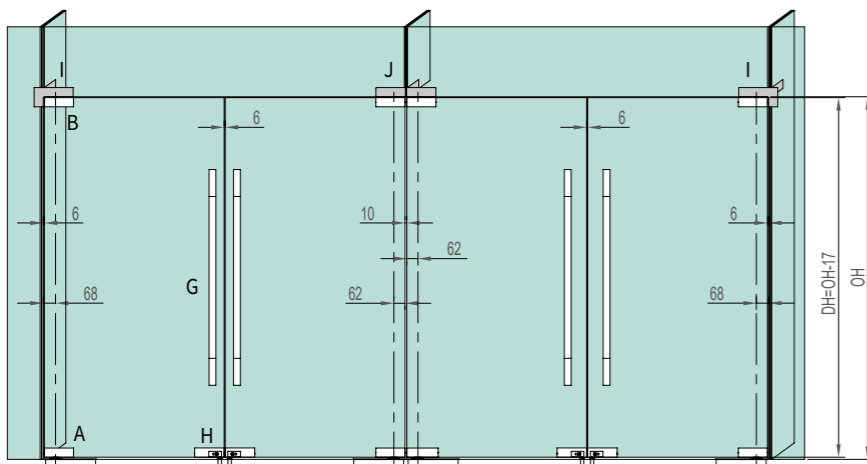
Technical Parameters

Glass Thickness	KMJ11850	Glass panel 15-22mm、glass fin 15-25mm
	KMJ1186L/KMJ1186R	Glass panel 15-22mm、glass fin 15-20mm
Door sash width dimension	≤1200mm	
Door sash height dimension	≤3000mm	

Main Material and Surface Finish

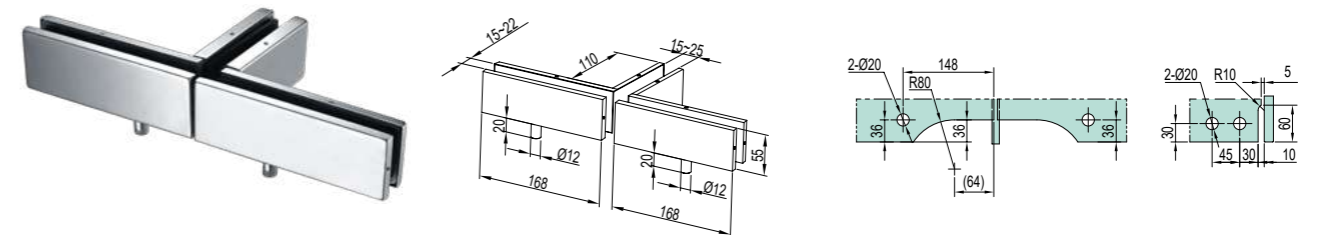
Main Material: Main body-- Precision Casting Stainless Steel
 Surface Finish: Satin / Mirror

Installation Diagram



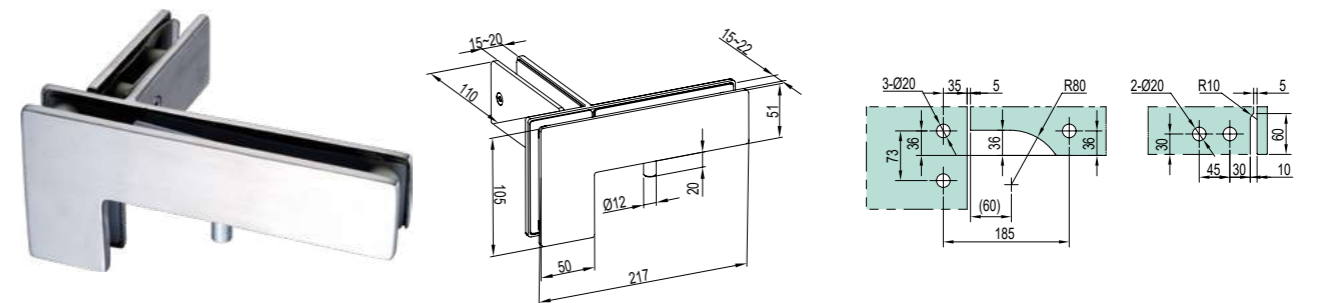
- A: Bottom Patch
- B: Upper Patch
- G: Handle
- H: Glass Door Lock
- I: F-shape Patch (L) / (R)
- J: T-shape Patch

KMJ11850 T-shape Patch



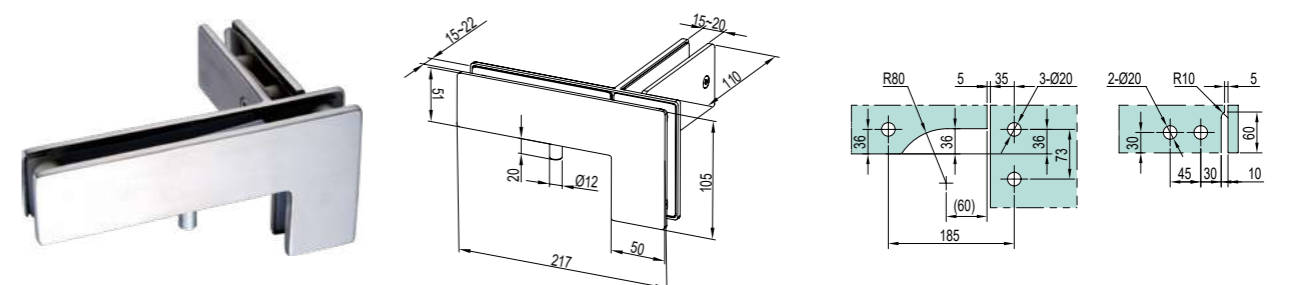
Note: The facade glass thickness is 15~22mm and the fin glass thickness is 15~25mm.

KMJ1186L F-shape Patch



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

KMJ1186R F-shape Patch



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

Bracket Series 100Kg

Functional Characteristic

It's suitable for casement glass door
 The decorative cover is fixed by inner hexagon screws
 Both left and right doors can be used, no distinguish between left and right doors
 The bottom patch cooperates with bottom shaft of floor hinge
 Factory standard angle is 14° by default

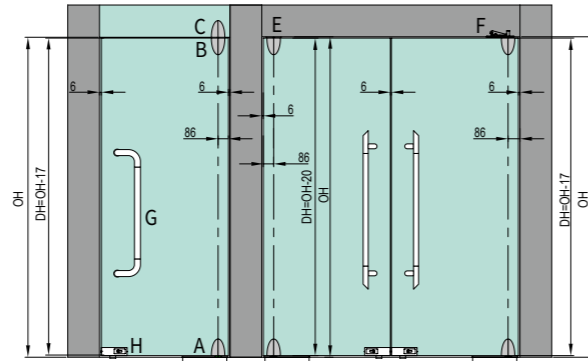
Technical Parameters

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

Main Material and Surface Finish

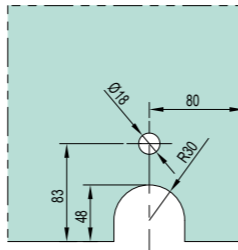
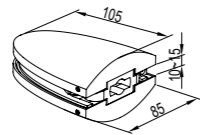
Main Material: Main body-- Precision Casting Aluminium Alloy
 Decorative cover--SS304
 Surface Finish: Satin / Mirror

Installation Diagram

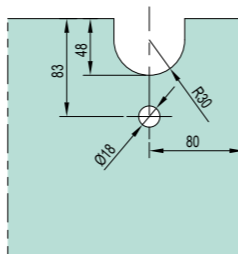
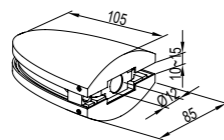


A: Bottom Bracket B: Upper Bracket C: Top Bracket
 E: Peaking Shaft F: Top Pivot Seat G: Handle
 H: Glass Door Lock

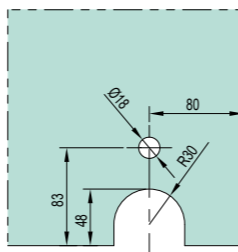
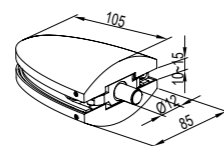
KMJ33310 Bottom Bracket



KMJ33320 Upper Bracket



KMJ33330 Top Bracket



Bracket Series 130Kg

Functional Characteristic

It's suitable for casement glass door
 Both left and right doors can be used, no distinguish between left and right doors
 The bottom patch cooperates with bottom shaft of floor hinge
 Factory standard angle is 14° by default

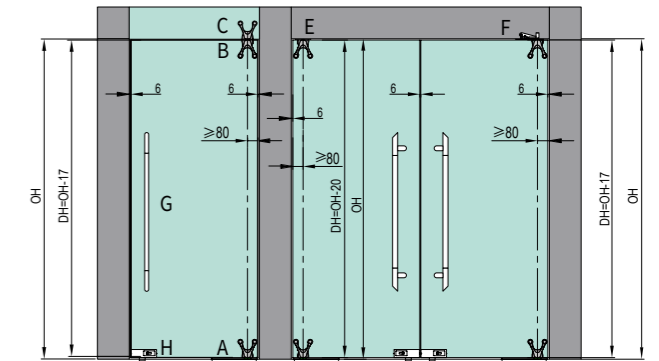
Technical Parameters

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

Main Material and Surface Finish

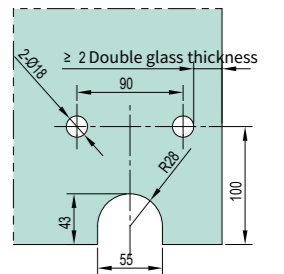
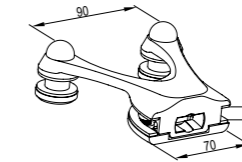
Main Material: Main body-- Precision Casting Stainless Steel 304
 Surface Finish: Satin / Mirror

Installation Diagram

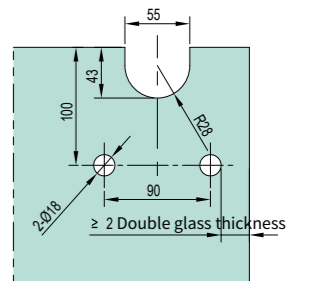
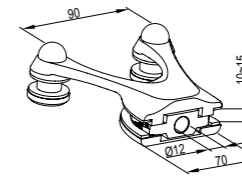


A: Bottom Bracket B: Upper Bracket C: Top Bracket
 E: Peaking Shaft F: Top Pivot Seat G: Handle
 H: Glass Door Lock

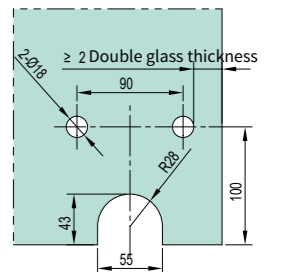
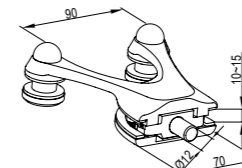
KMJ34410 Bottom Bracket



KMJ34420 Upper Bracket



KMJ34430 Top Bracket



Bracket Series 130Kg

Functional Characteristic

It's suitable for casement glass door
 Both left and right doors can be used, no distinguish between left and right doors
 The bottom patch cooperates with bottom shaft of floor hinge
 Factory standard angle is 14 ° by default
 The length of the long bracket is customized according to engineering requirements

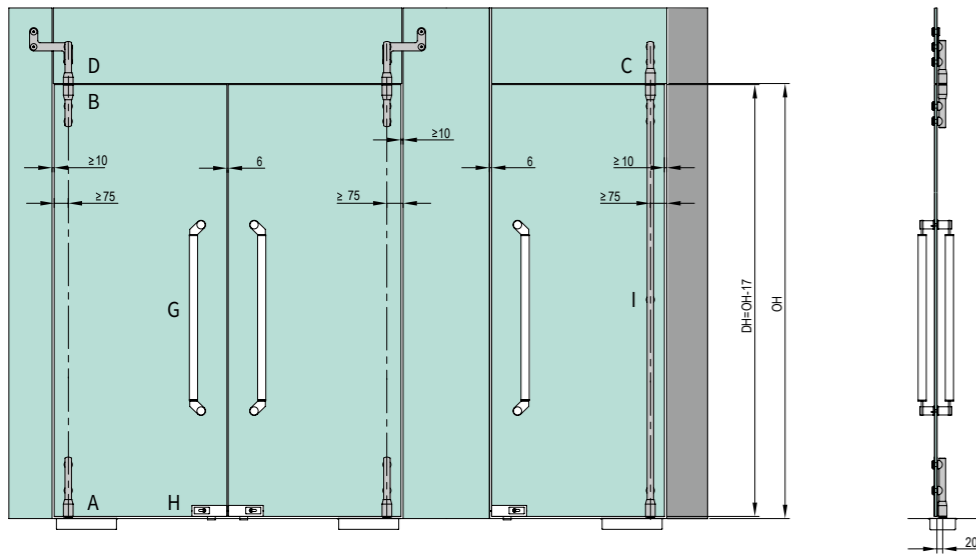
Technical Parameters

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

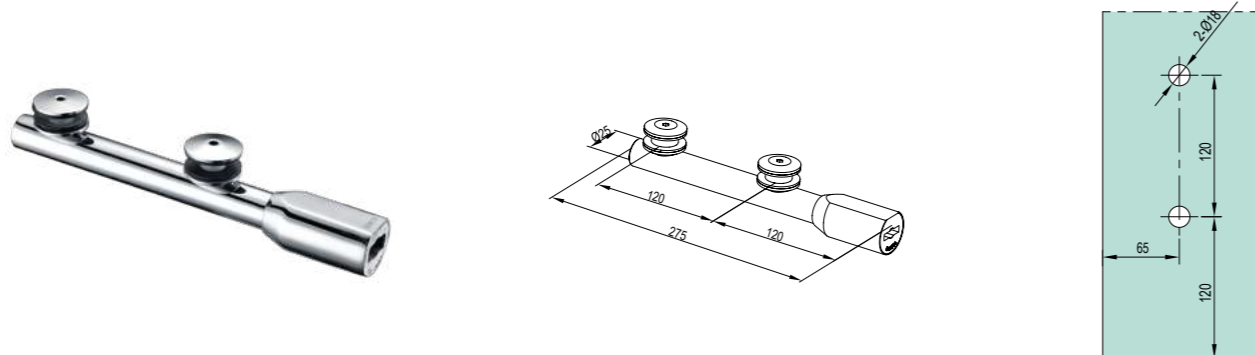
Main Material and Surface Finish

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

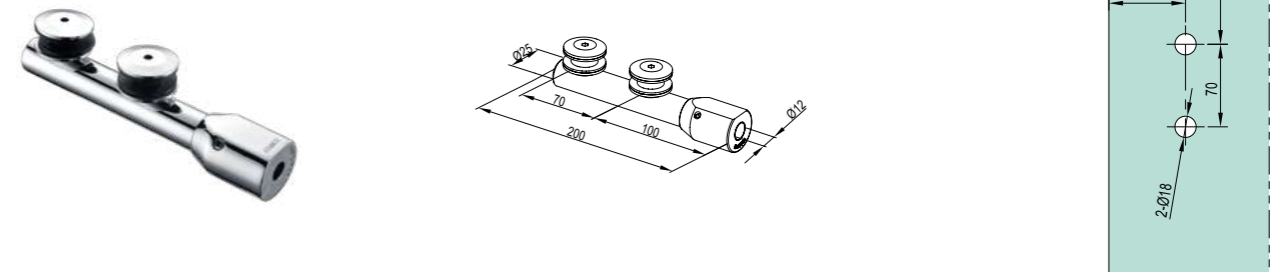
Installation Diagram



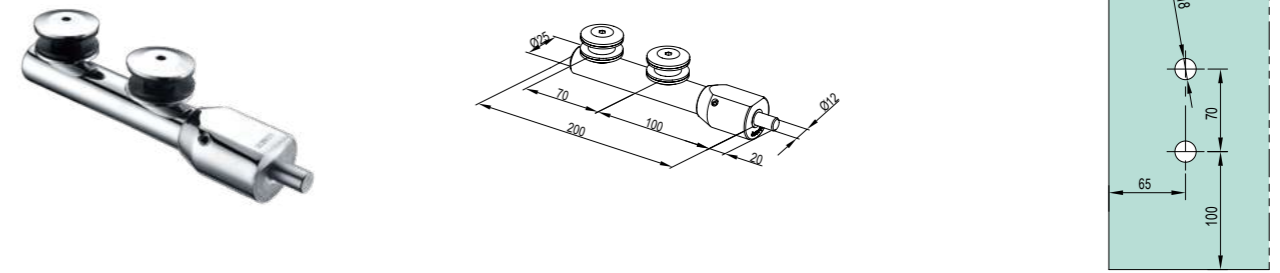
KMJ35410 Bottom Bracket



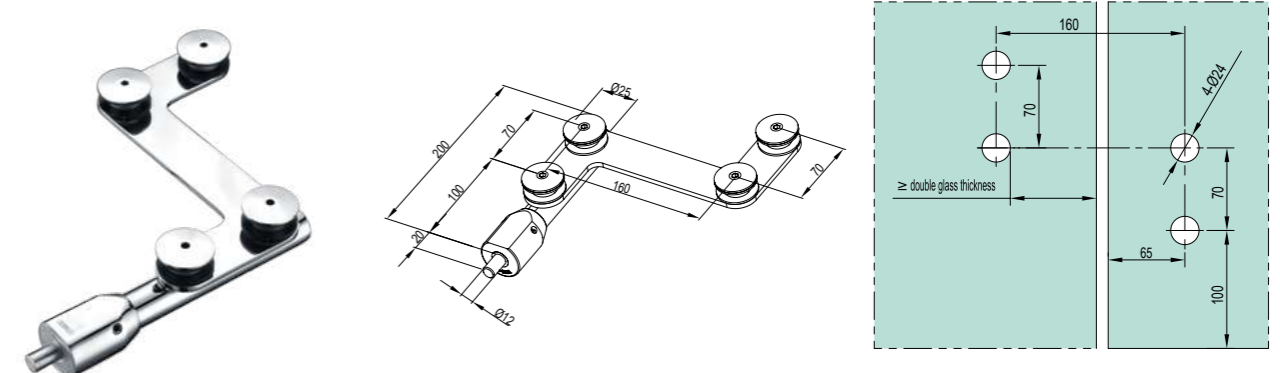
KMJ35420 Upper Bracket



KMJ35430 Top Bracket



KMJ35440 Bending Bracket



Long Patch Series 130Kg

Functional Characteristic

- It's suitable for casement glass door
- Both left and right doors can be used, no distinguish between left and right doors
- The inner and outer clips of the main body are separated structures
- No need to cut out glass
- The bottom patch cooperates with bottom shaft of floor hinge;
- Spindle angle is 14° by default
- Need to provide glass door width DW when place order

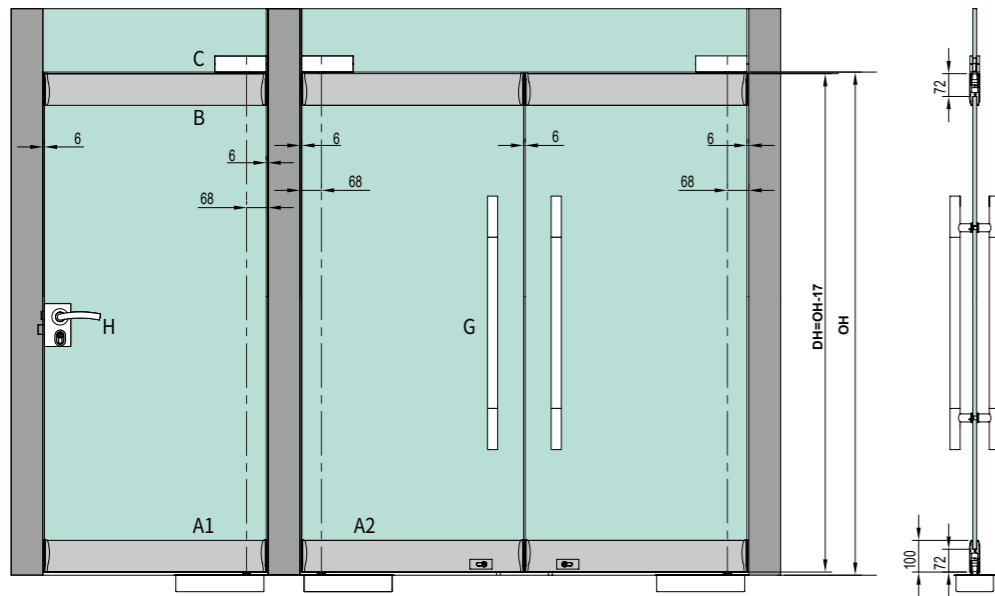
Technical Parameters

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

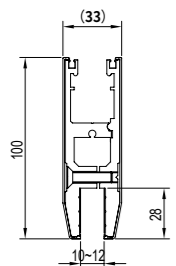
Installation Diagram



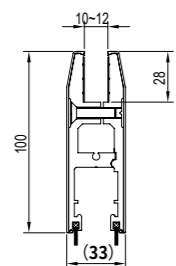
- A1: Bottom Patch
- A2: Bottom patch with lock
- B: Upper Patch
- C: Top Patch
- G: Handle
- H: Glass Door Lock

Glass door sash height cutting size = Doorway height-2*72-17 (sum of upper and lower door seam)

L (Total length of the patch) =DW (Glass door width) +4mm

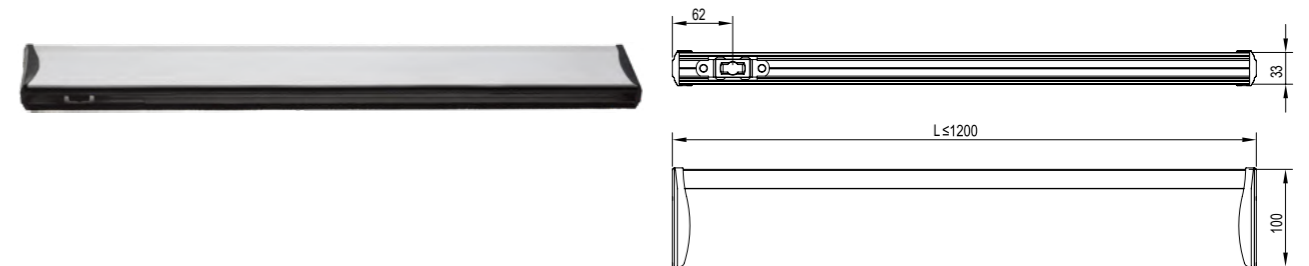


Upper patch sectional view

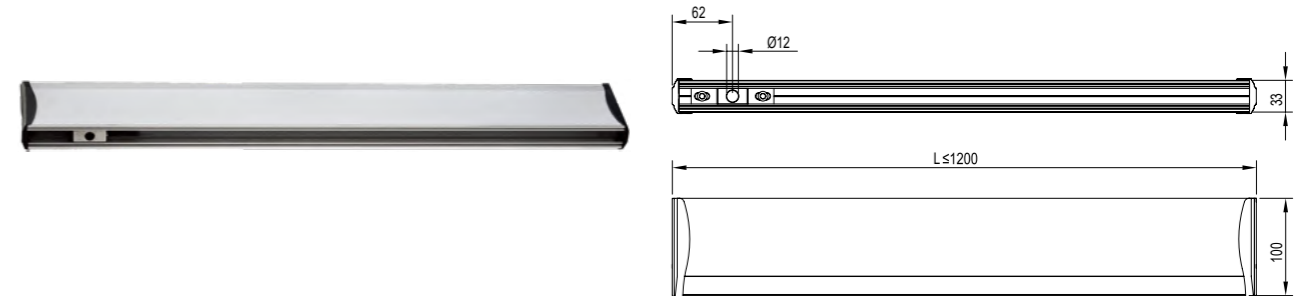


Bottom patch sectional view

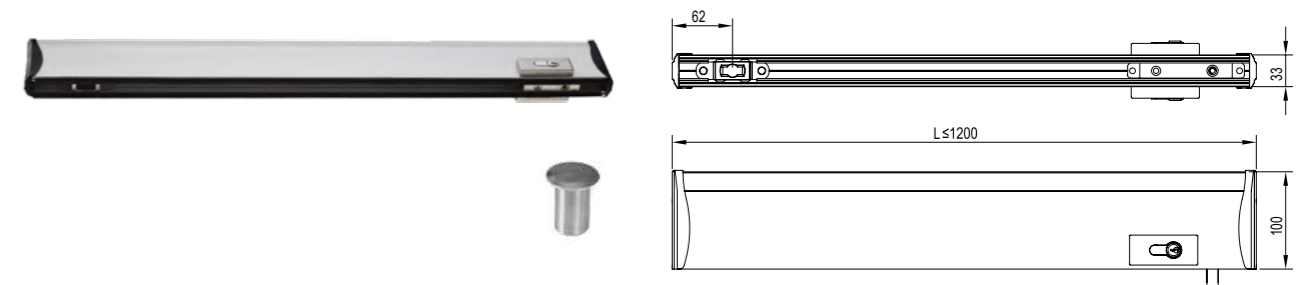
KMJ21410 Bottom Patch



KMJ21420 Upper Patch



KMJ21400 Bottom patch with lock



Long Patch Series 150Kg

Functional Characteristic

- It's suitable for casement glass door
- Both left and right doors can be used, no distinguish between left and right doors
- The main body is an integrated structure
- No need to drill a hole
- The bottom patch cooperates with bottom shaft of floor hinge;
- Factory standard angle is 14 ° by default
- Need to provide glass door width DW when place order

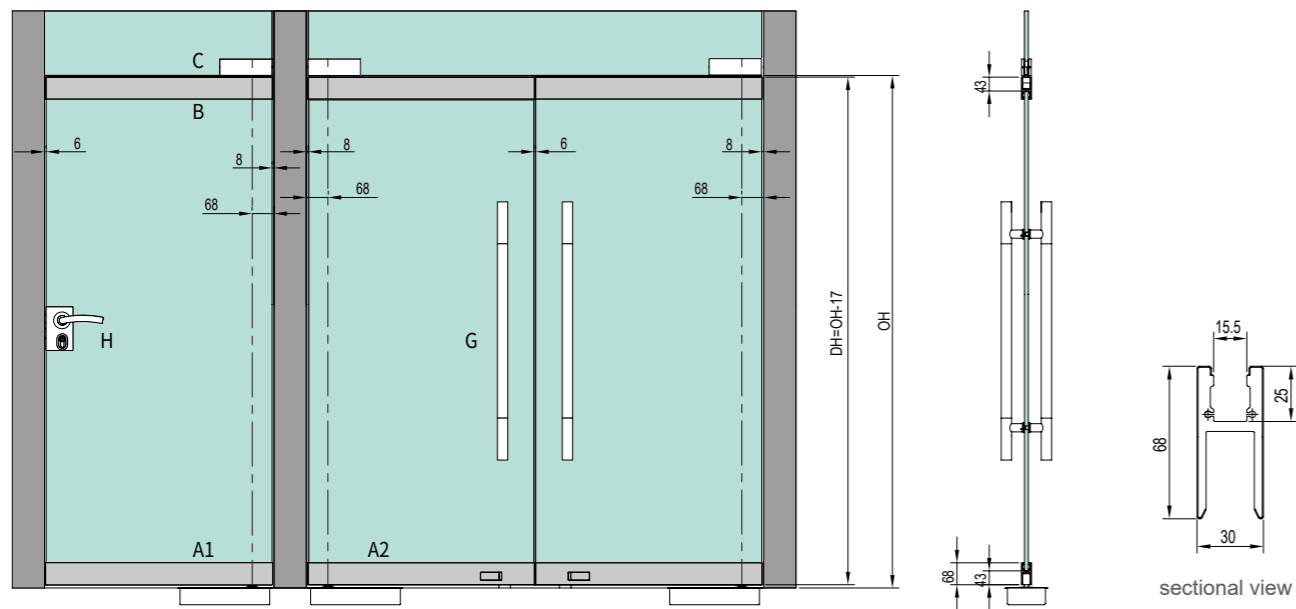
Technical Parameters

- Maximum Bearing 150kg
- Glass Thickness 10-15mm
- Door sash width dimension ≤1400mm
- Door sash 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



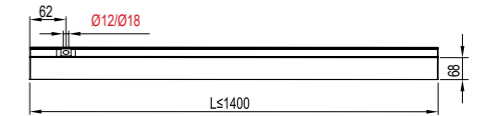
- A1: Bottom Patch
- A2: Bottom patch with lock
- B: Upper Patch
- C: Top Patch
- G: Handle
- H: Glass Door Lock

Glass door sash height cutting size = Doorway height-2*43-17 (sum of upper and lower door seam)
 L (Total length of the patch) =DW (Glass door width) +3mm

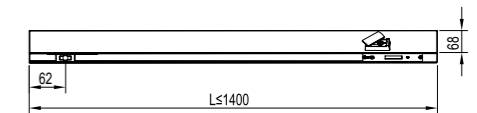
KMJ21510 Bottom Patch



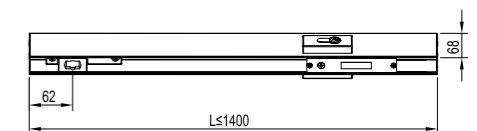
KMJ21520 Upper Patch



KMJ21500 Bottom patch with lock



KMJ2150A Bottom patch with lock



Long Patch Series 200Kg

Functional Characteristic

It's suitable for casement glass door
 Both left and right doors can be used, no distinguish between left and right doors
 The main body is an integrated structure
 No need to drill a hole
 The bottom patch cooperates with bottom shaft of floor hinge
 Factory standard angle is 14° by default
 Need to provide glass door width DW when place order

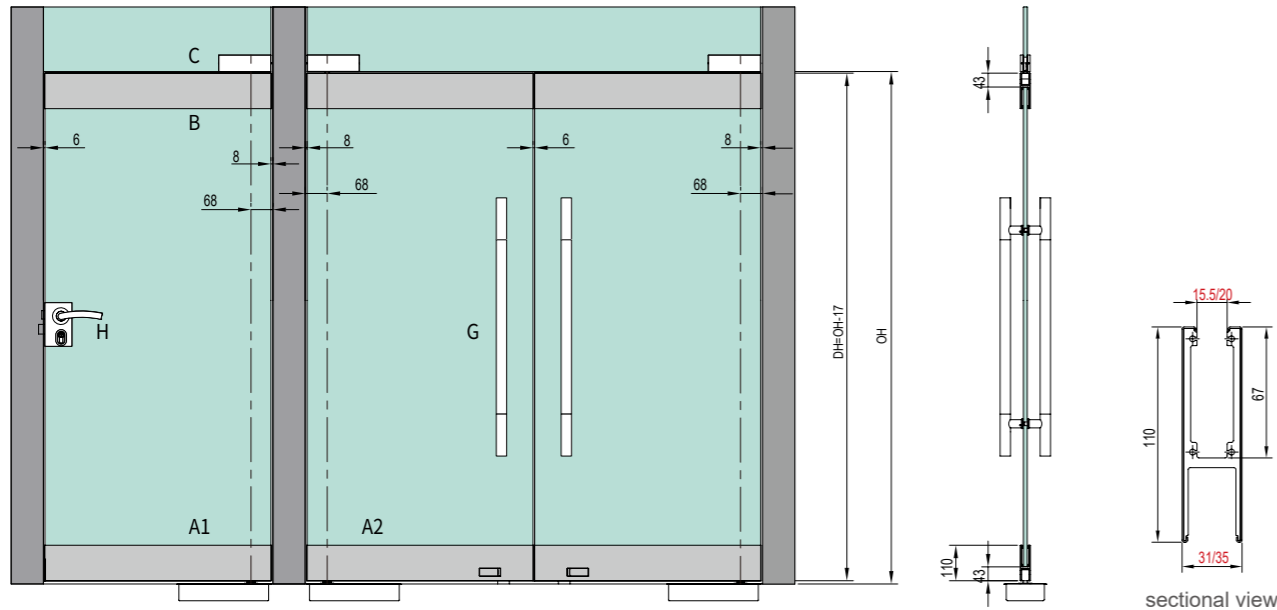
Technical Parameters

Maximum Bearing 200kg
 Glass Thickness 10-19mm
 Door sash width dimension ≤1400mm
 Door sash 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

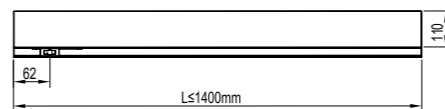
Installation Diagram



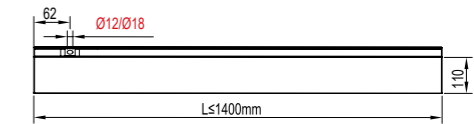
A1: Bottom Patch A2: Bottom patch with lock
 B: Upper Patch C: Top Patch
 G: Handle H: Glass Door Lock

Glass door sash height cutting size = Doorway height-2*43-17 (sum of upper and lower door seam)
 L (Total length of the patch) =DW (Glass door width) +3mm

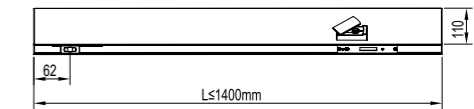
KMJ21710 Bottom Patch



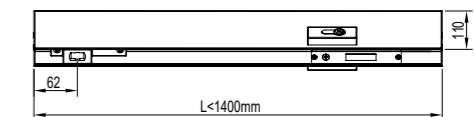
KMJ21720 Upper Patch



KMJ21700 Bottom patch with lock



KMJ2170A Bottom patch with lock



Fixed Patch Fitting 40Kg

Functional Characteristic

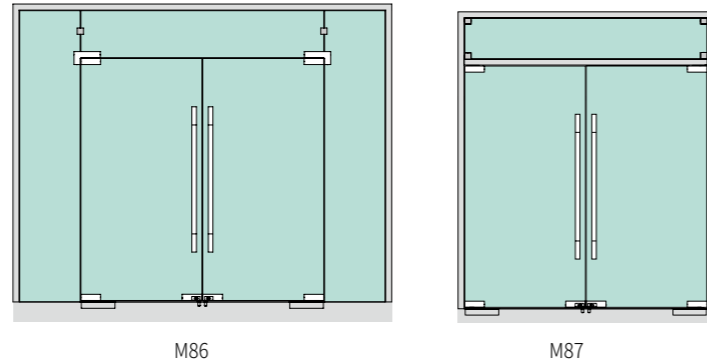
Use for the fixed glass
Both left and right doors can be used, no distinguish between left and right doors

Technical Parameters

Maximum Bearing	40kg
Glass Thickness	10-12mm
Door sash width dimension	≤600mm
Door sash height dimension	≤1800mm

Main Material and Surface Finish

Main Material: the inner core is made of high strength die-casting aluminium alloy
Decorative cover-SS304
Surface Finish: Satin / Mirror



M86 Fixed Patch Fitting

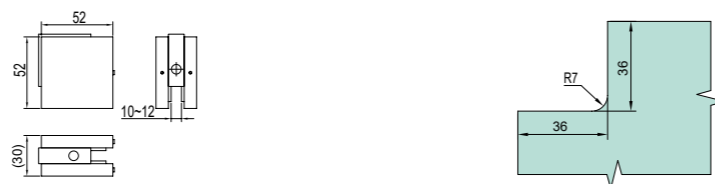


Notes:

1. The glass gap can be adjusted as real site condition, but center hole distances should be assured
2. The four edges of glass should be along with silicone when installing the product
3. It's not recommended to be used for large wind pressure area.

1. It's suitable for casement glass door, and the Connect two adjacent fixed glass
2. Decorative cover adopts inner screws

M87 Fixed Patch Fitting



Notes:

1. The four edges of glass should be along with silicone when installing the product
2. It's not recommended to be used for large wind pressure area

1. It's suitable for casement glass door, and the side and top glass are fixed with the wall
2. Decorative cover adopts inner hexagon screws

Fixed Patch Fitting 50Kg

Functional Characteristic

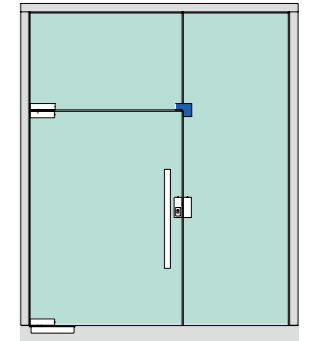
It's suitable for casement glass door
Decorative cover adopts inner hexagon screws
Both left and right doors can be used, no distinguish between left and right doors

Technical Parameters

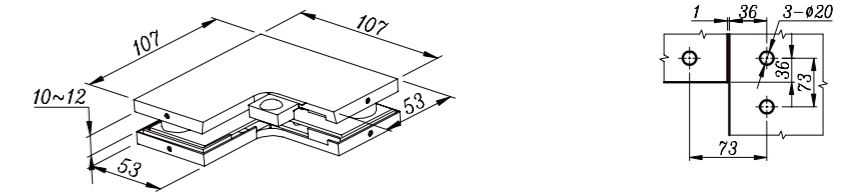
Maximum Bearing	50kg
Glass Thickness	10-12mm
Door sash width dimension	≤600mm
Door sash height dimension	≤2200mm

Main Material and Surface Finish

Main Material: the inner core is made of high strength die-casting aluminium alloy
Decorative cover-SS304
Surface Finish: Mirror or Satin



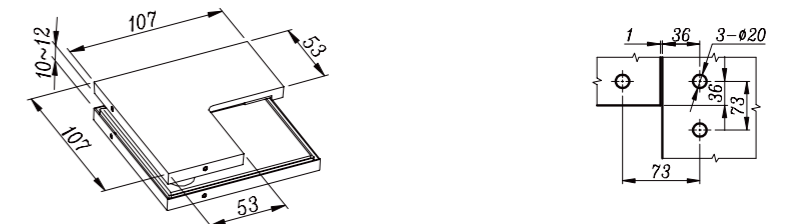
M70 Fixed Patch Fitting



Notes:

1. The glass gap can be adjusted as real site condition, but center hole distances should be assured.
2. The four edges of glass should be along with silicone when installing the product.
3. It's not recommended to be used for big wind area.

M71 Fixed Patch Fitting



Notes:

1. The glass gap can be adjusted as real site condition, but center hole distances should be assured.
2. The four edges of glass should be along with silicone when installing the product.
3. It's not recommended to be used for big wind area.

Fixed Patch Fitting 50Kg

Functional Characteristic

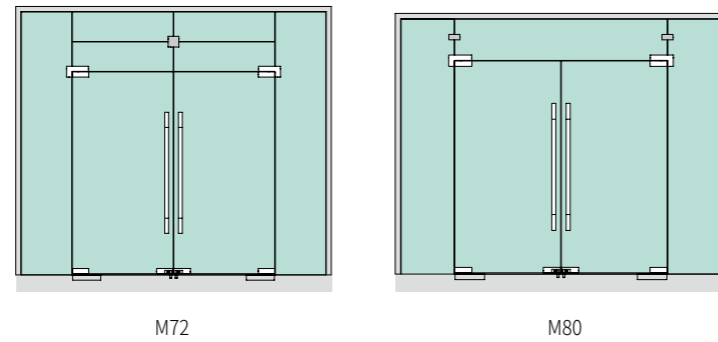
Use for the fixed glass
Both left and right doors can be used, no distinguish between left and right doors

Technical Parameters

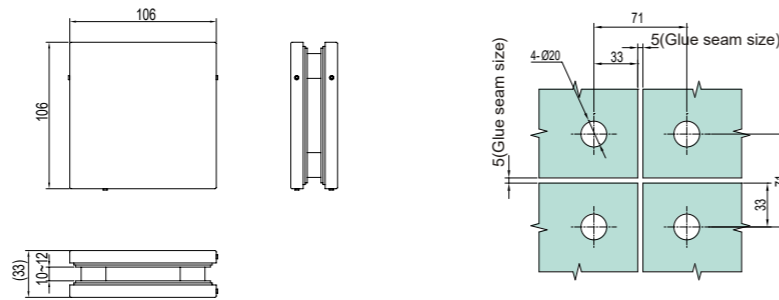
Maximum Bearing 50kg
Glass Thickness 10-12mm
Door sash width dimension $\leq 600\text{mm}$
Door sash height dimension $\leq 2200\text{mm}$

Main Material and Surface Finish

Main Material: The inner core is made of high strength die-casting aluminium alloy
Decorative cover-SS304
Surface Finish: Mirror or Satin



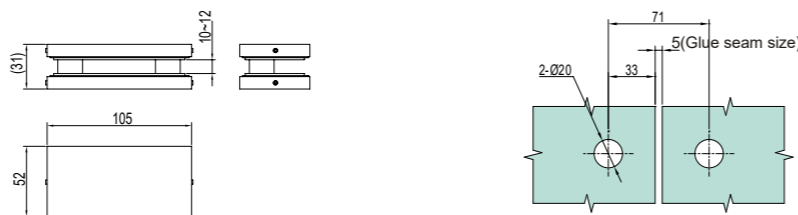
M72 Fixed Patch Fitting



Notes:

1. It's suitable for casement glass door with fixed upper glass;
2. Decorative cover adopts inner hexagon screws;
3. It's not recommended to be used for big wind area.

M80 Fixed Patch Fitting



Notes:

1. It's suitable for casement glass door with fixed side and top glass;
2. Decorative cover adopts inner hexagon screws;
3. It's not recommended to be used for large wind pressure area.

Fixed Patch Fitting 50Kg

Functional Characteristic

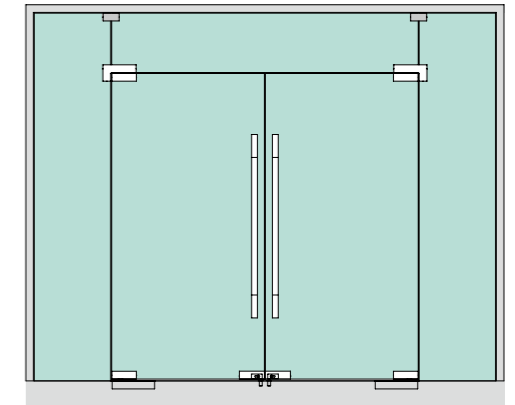
It's suitable for casement glass door, and the side and top glass are fixed with the wall
Decorative cover adopts inner hexagon screws
Both left and right doors can be used, no distinguish between left and right doors

Technical Parameters

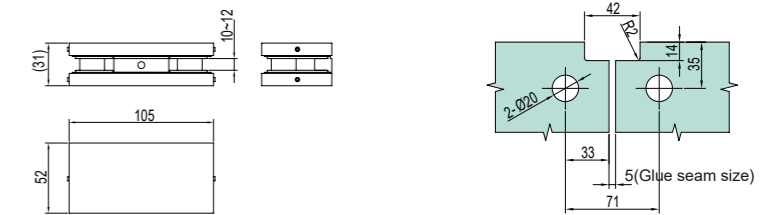
Maximum Bearing 50kg
Glass Thickness 10-12mm
Door sash width dimension $\leq 600\text{mm}$
Door sash height dimension $\leq 2200\text{mm}$

Main Material and Surface Finish

Main Material: the inner core is made of high strength die-casting aluminium alloy
Decorative cover-SS304
Surface Finish: Mirror or Satin



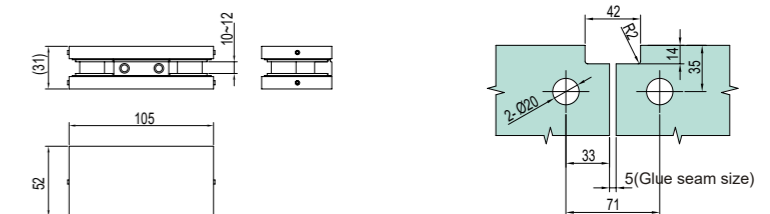
M81 Fixed Patch Fitting



Notes:

1. The glass gap can be adjusted as real site condition, but center hole distances should be assured
2. The four edges of glass should be along with silicone when installing the product
3. It's not recommended to be used for big wind area.

M82 Fixed Patch Fitting



Notes:

1. The glass gap can be adjusted as real site condition, but center hole distances should be assured
2. The four edges of glass should be along with silicone when installing the product
3. It's not recommended to be used for big wind area.

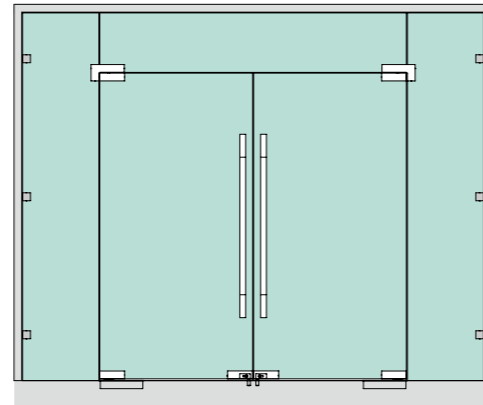
Fixed Patch Fitting 50Kg

Functional Characteristic

It's suitable for casement glass door, and the side and top glass are fixed with the wall
 Decorative cover adopts inner hexagon screws
 Both left and right doors can be used, no distinguish between left and right doors

Technical Parameters

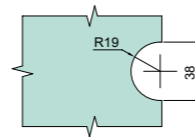
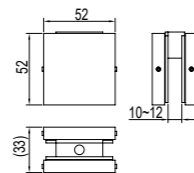
Maximum Bearing 50kg
 Glass Thickness 10-12mm
 Fixed glass dimension: glass height \leq 3000mm,
 glass width \leq 500mm adopt three fixed clamps fittings;
 3000mm \leq glass height \leq 3200mm, glass width \leq 500mm,
 then 4 fixed clamp fittings.



Main Material and Surface Finish

Main Material: the inner core is made of high strength die-casting aluminium alloy
 Decorative cover-SS304
 Surface Finish: Satin / Mirror

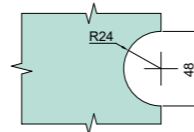
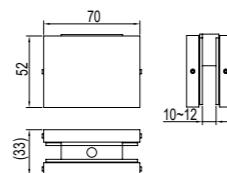
M83 Fixed Patch Fitting



Notes:

1. The four edges of glass should be along with silicone when installing the product.
2. It's not recommended to be used for large wind pressure area.

M84 Fixed Patch Fitting



Notes:

1. The four edges of glass should be along with silicone when installing the product..
2. It's not recommended to be used for large wind pressure area..

Lock Box

Functional Characteristic

Suitable for swing glass door
 The decorative cover is fixed by inner hexagon screws
 It is compatible with glass door lock KMS11210, KMS11230, KMS11230-HW, KMS11250

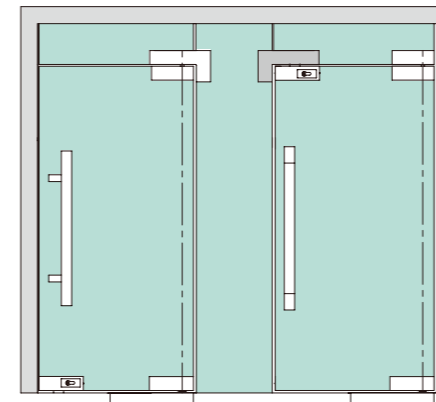
Technical Parameters

Glass Thickness 10-12mm

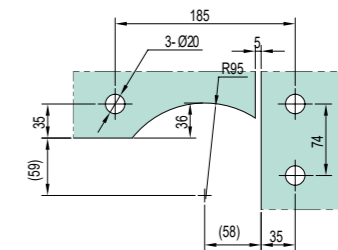
Main Material and Surface Finish

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

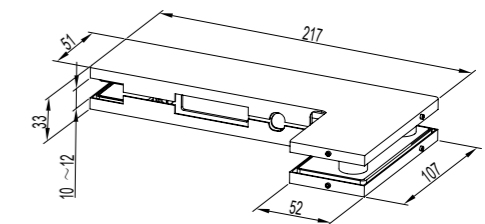
Installation Diagram



Drilling drawing



M41A Lock patch



04

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 single or double glass door
- For the double doors with the center door lock, glass door latch is needed

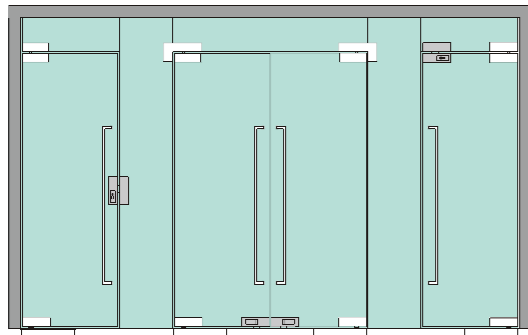
Technical Parameters

Glass Thickness: KMS11230/KMS11240A	10~22mm
KMS11250	10~15mm
KMS11230-HW	10~12mm

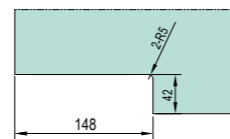
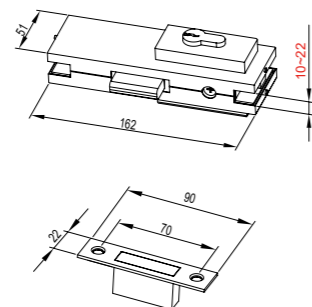
Main Material and Surface Finish

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

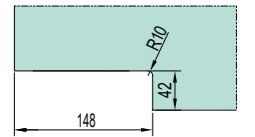
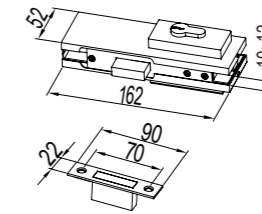
Installation Diagram



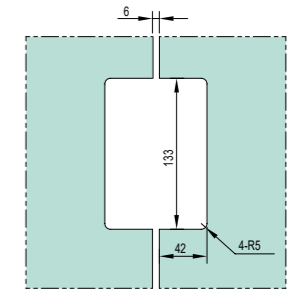
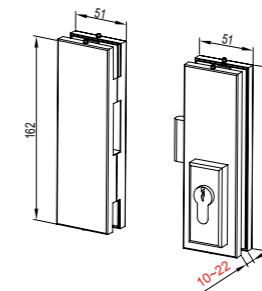
KMS11230 Glass Door Lock



KMS11230-HW Glass Door Lock

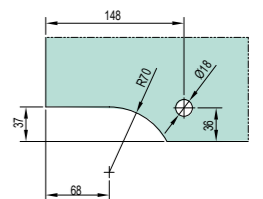
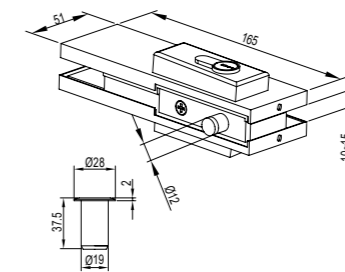


KMS11240A Glass Door Lock



Subsidiary Lock Master Lock

KMS11250 Glass Door Lock



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

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 single or double glass door
- For the double door with the center door lock, glass door latch is needed.

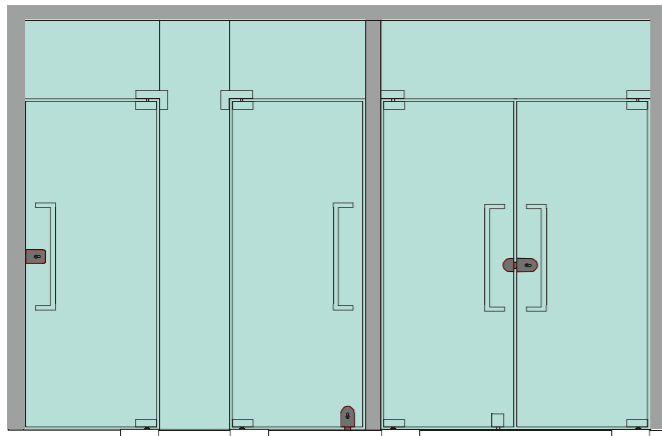
Technical Parameters

Glass Thickness: 10~19mm

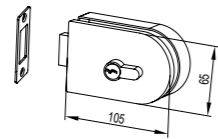
Main Material and Surface Finish

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

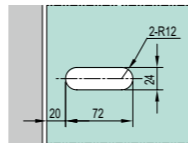
Installation Diagram



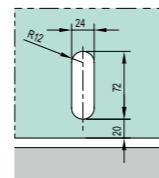
KMS21110 Glass Door Lock



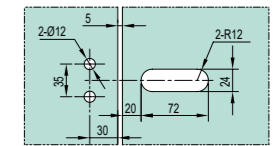
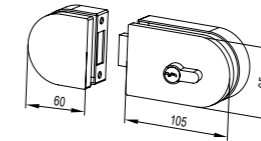
Glass Door Lock
The glass door lock is installed in the middle of the door



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

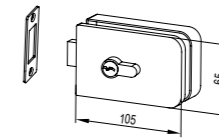


KMS21120 Glass Door Lock

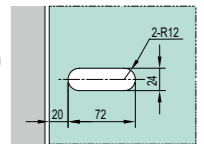


Subsidiary Lock Master Lock

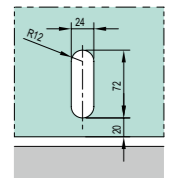
KMS21130 Glass Door Lock



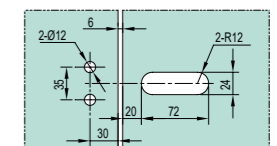
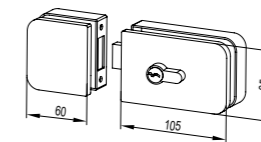
Glass Door Lock
The glass door lock is installed in the middle of the door



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



KMS21140 Glass Door Lock



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 single or double glass door
 For the double door with the center door lock, glass door latch is needed.

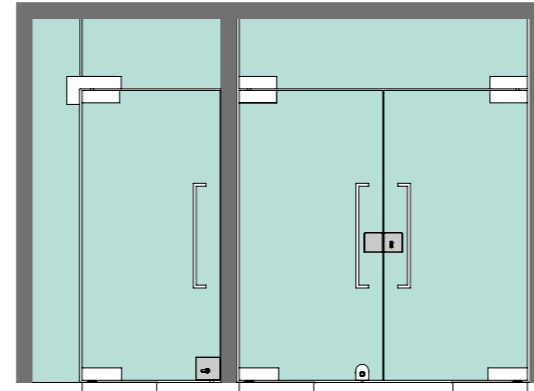
Technical Parameters

Glass Thickness: 10~12mm

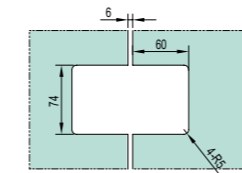
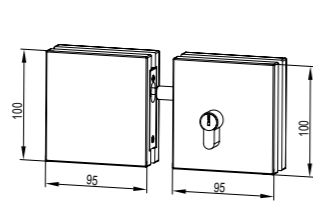
Main Material and Surface Finish

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

Installation Diagram

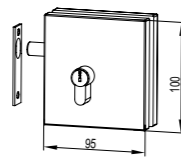


KMS21210 Glass Door Lock

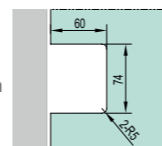


Subsidiary Lock Main Body

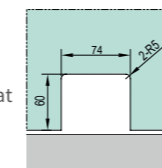
KMS21220 Glass Door Lock



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 swing glass door
 Locking and opening by keys both inside and outside
 With passage lock function, turn the handle to unlock
 The handle is combined with the door lock function, no need to configure the handle
 Suitable for single or double sash glass doors
 For the double door with the center door lock, glass door latch is needed

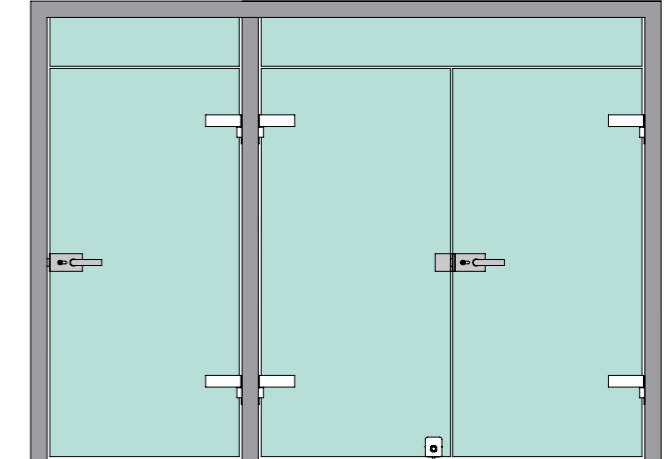
Technical Parameters

Glass Thickness: 10~12mm

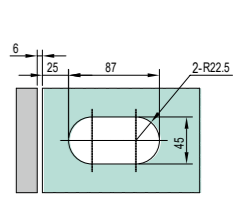
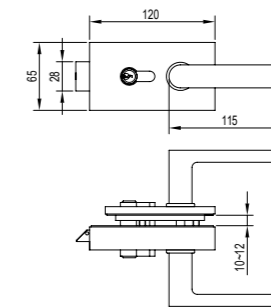
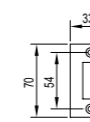
Main Material and Surface Finish

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

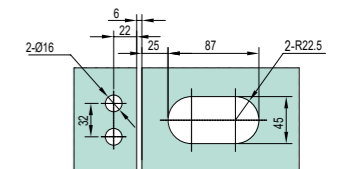
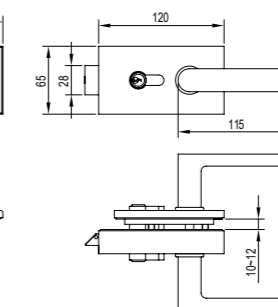
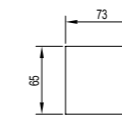
Installation Diagram



KMS31611 Glass Door Lock



KMS31621 Glass Door Lock



Glass Door Lock Series

Functional Characteristic

Suitable for swing glass door
 Opened and closed: Indoor using knobs; outdoor using key
 Fixed handle and door lock integrated design, no need for additional handle
 Suitable for single or double glass door
 For the double door with the center door lock, glass door latch is needed

Technical Parameters

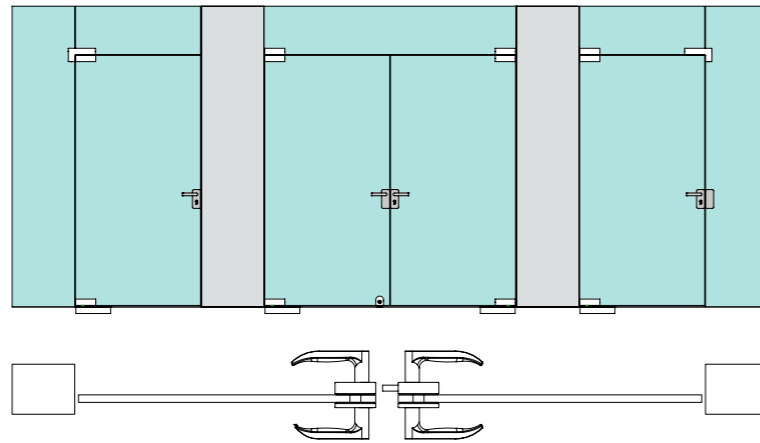
Glass Thickness 10~15mm

Main Material and Surface Finish

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

Surface Finish: Satin

Installation Diagram



KMS1303L Glass Door Lock



KMS1303R Glass Door Lock



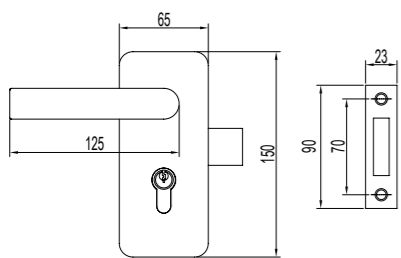
KMS1304L Glass Door Lock



KMS1304R Glass Door Lock



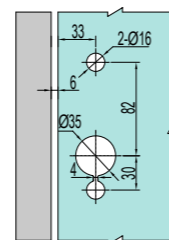
product drawing



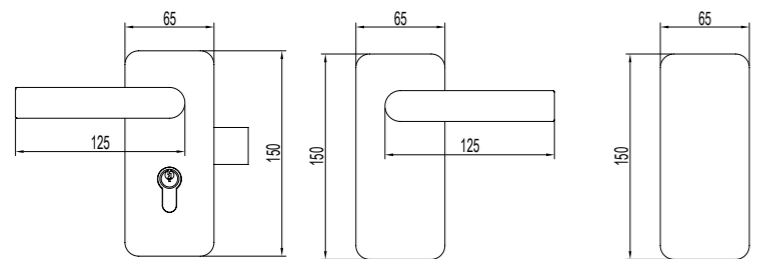
Main Body

Lock Catch

glass hole opening



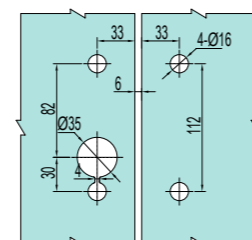
Main Body



Main Body

Subsidiary Lock

Subsidiary Lock



Main Body

Subsidiary Lock

KMS1306L Glass Door Lock



KMS1306R Glass Door Lock



Glass Door Lock Series

Functional Characteristic

Suitable for swing glass door
 KMS41110/KMS41120 Opened and closed:Indoor using knobs;outdoor using key
 KMS41310/KMS41320 cannot be opened indoors, but it can be locked and opened with a key outdoors
 Glass does not need to drill a hole
 Suitable for single or double glass door
 For the double door with the center door lock, glass door latch is needed

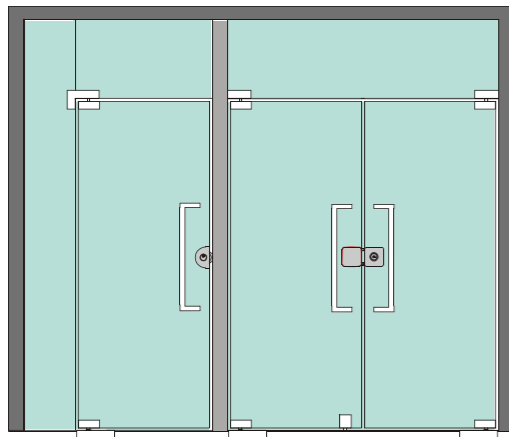
Technical Parameters

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

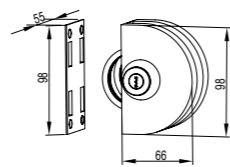
Main Material and Surface Finish

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

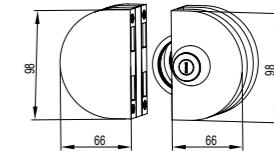
Installation Diagram



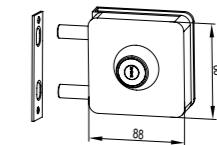
KMS41110 Glass Door Lock



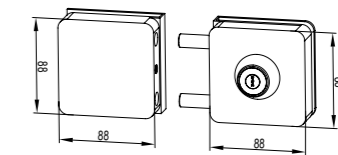
KMS41120 Glass Door Lock



KMS41310 Glass Door Lock

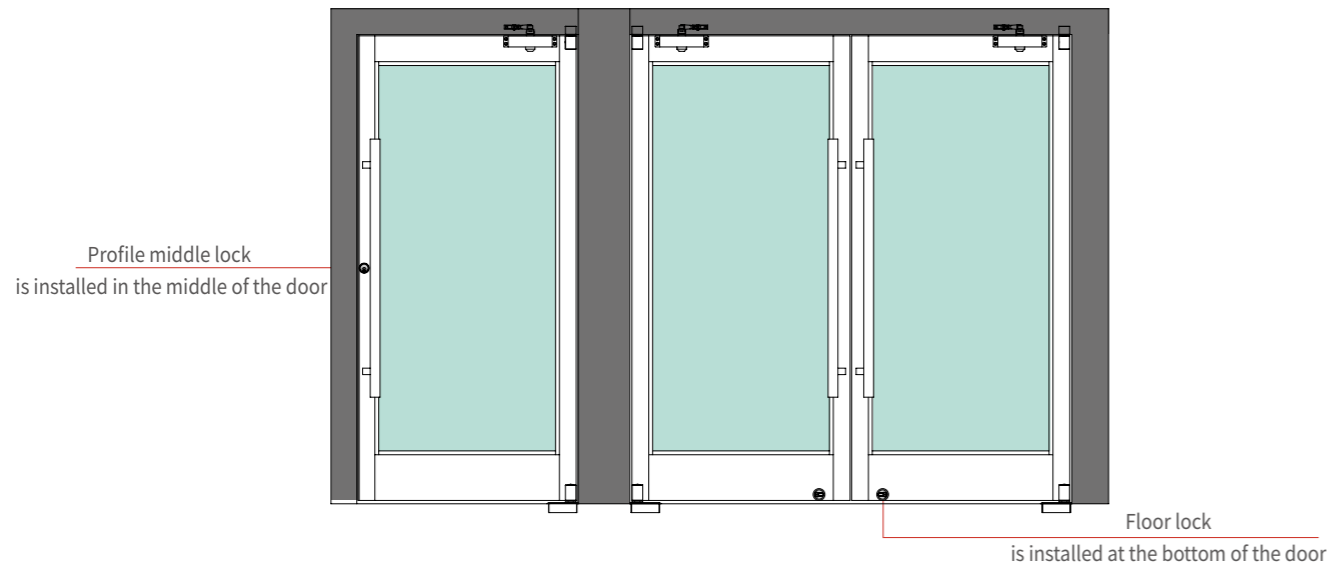


KMS41320 Glass Door Lock

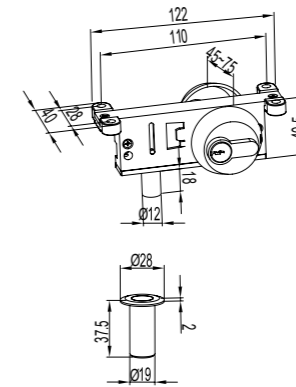


Profile Door Lock Series

Installation Diagram



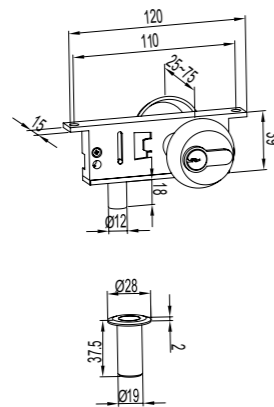
KMS61210 Insulated Profile Floor Lock



Technical Parameters

Applicable door sash thickness is 45~75mm
 Applicable heat insulation profiles with heat insulation strip $\leq 18\text{mm}$
 Main material : lock head cover ABS engineering plastic, main body zinc alloy
 Surface treatment is nickel plating
 When ordering, the door thickness should be provided
 Lock Form: Double Lock
 Dust-proof design
 Installed at the bottom of the door sash

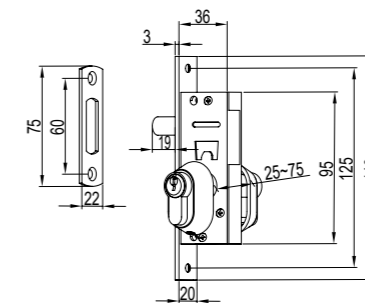
KMS51230 Floor lock



Technical Parameters

Applicable door thickness is 25~75mm
 Main material : lock head cover ABS engineering plastic, main body zinc alloy
 Surface treatment is nickel plating
 When ordering, the door thickness should be provided
 Convenient to install and the drilling hole is circular;
 The lock head is double lock;
 The tube is designed for dustproof
 Install at the bottom of the door

KMS51260 Profile middle lock



Technical Parameters

Applicable door thickness is 25~75mm
 Main material : lock head cover ABS engineering plastic, main body zinc alloy
 Surface treatment is nickel plating
 When ordering, the door thickness should be provided
 The lock head is double lock
 Install in the middle of the door

05

Door Hinge



Glass Door Hinge Series

Functional Characteristic

- It's suitable for casement glass door
- The door sash 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

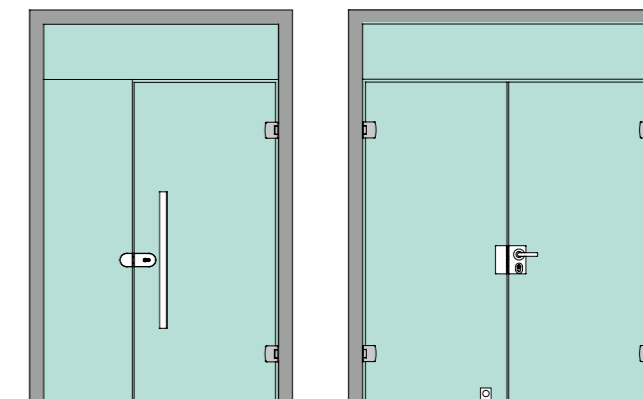
Technical Parameters

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

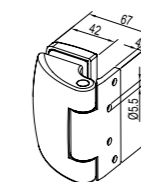
Main Material and Surface Finish

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

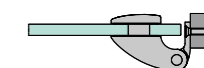
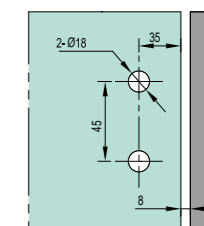
Installation Diagram



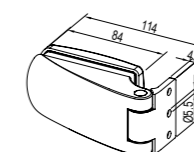
KHY11210 Glass Door Hinge



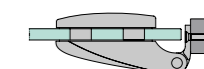
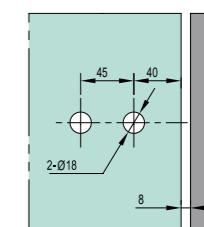
The door opening angle is 0°~ 120°



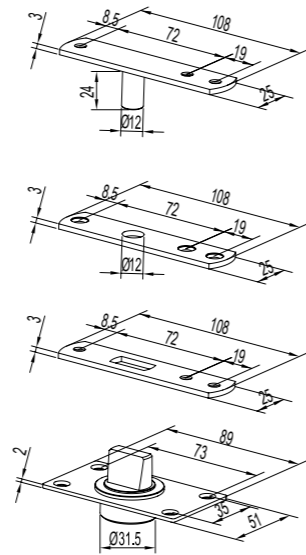
KHY12210 Glass Door Hinge



The door opening angle is 0°~ 120°



KHY54310 Pivot Hinge



Functional Characteristic

Suitable for side hung door
 Suitable for side hung profile door, metal door, wooden door
 No positioning function, doors opening angle from 0 to 360 degree

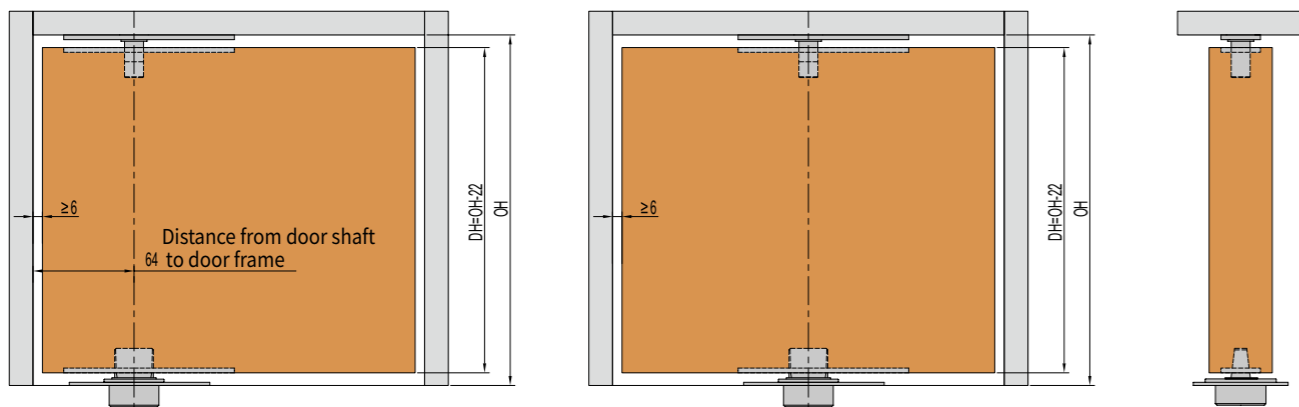
Technical Parameters

Maximum Bearing: 100Kg
 Max door sash thickness: 62mm

Main Material and Surface Finish

Main Material: 304 stainless steel
 Surface Finish: 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

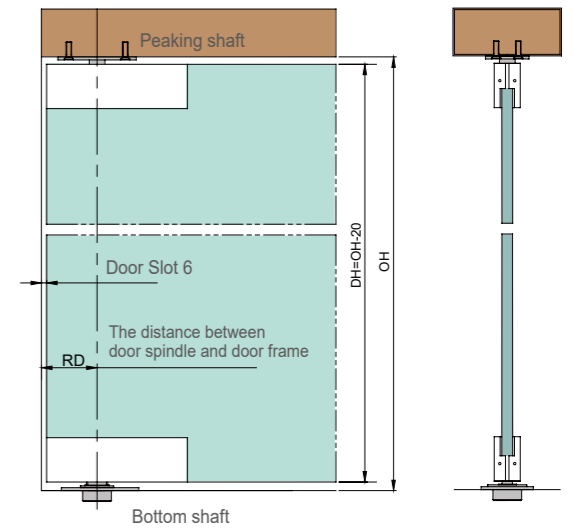
Technical Parameters

Maximum Bearing: KHY53500、KHY53511、KHY53520、KHY53520(Φ15) : 150Kg
 KHY53512: 200Kg

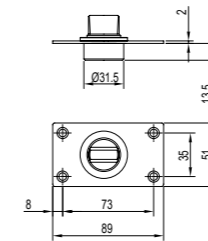
Main Material and Surface Finish

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

Installation Diagram

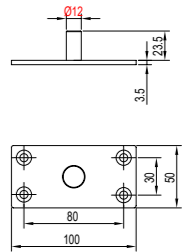


KHY53500 Bottom shaft



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

KHY53511 Peaking shaft

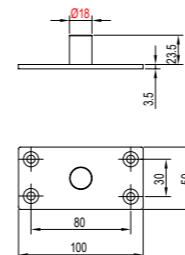


Note: cooperate with pivot bottom seat
 DX03/DX05/BDP70202
 the maximum thickness of door
 sash is 68mm

KHY53512 Peaking shaft



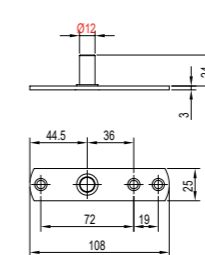
Note: cooperate with pivot bottom seat DX04/DX07/
 BDP40002 and upper patch KMJ11720(Φ18)/
 KMJ21520(Φ18)/KMJ21720(Φ18); The maximum
 thickness of door sash is 68mm



KHY53520 Peaking shaft



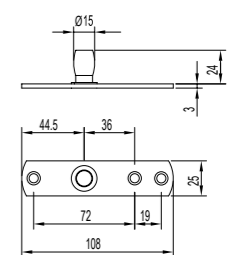
Note: cooperate with pivot bottom
 seat DX03/DX05/BDP70202
 The maximum thickness of door
 sash is 62mm



KHY53520(Φ15) Peaking shaft



Note: Use with door patch KMJ1122D
 The maximum thickness of door
 sash is 62mm



06

Auxiliary Accessories



Glass Door Latch Series

Functional Characteristic

Suitable for double sashes swing glass doors indoor using knobs to lock and open, but cannot be opened outdoors
 For the double door with the center door lock, glass door latch is needed.
 KFJ11210/KFJ11220/KFJ11250/KFJ11260 The glass needs drilling to ensure that the bolt is firm
 KFJ11270/KFJ11280 installation position glass door sash without opening

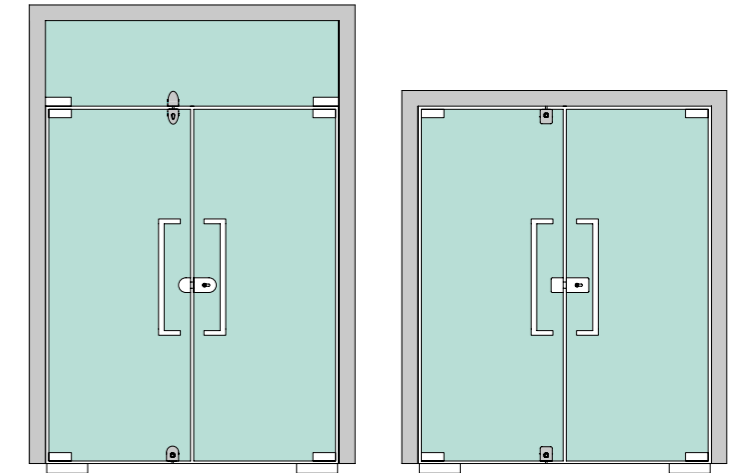
Technical Parameters

Applicable door sash thickness
 KFJ11210/KFJ11220/KFJ11250/KFJ11260 10-15mm
 KFJ11270/KFJ11280 10-12mm、15mm

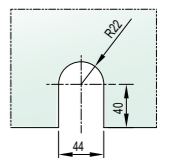
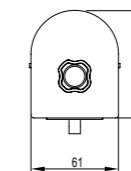
Main Material and Surface Finish

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

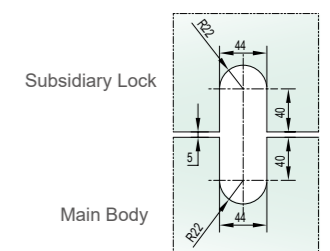
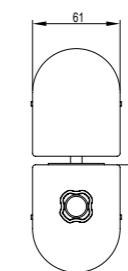
Installation Diagram



KFJ11210 Glass Door Latch

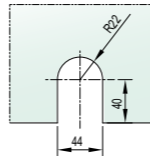
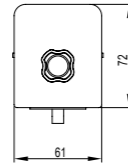


KFJ11220 Glass Door Latch

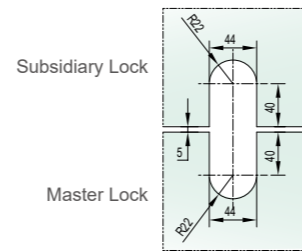
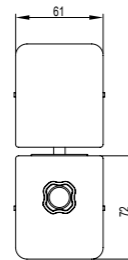


Glass Door Latch Series

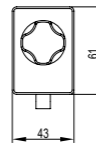
KFJ11250 Glass Door Latch



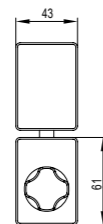
KFJ11260 Glass Door Latch



KFJ11270 Glass Door Latch



KFJ11280 Glass Door Latch



Framed Door Latch Series

KFJ51220 Framed Door Latch

Functional Characteristic

Suitable for profile doors
 Concealed 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



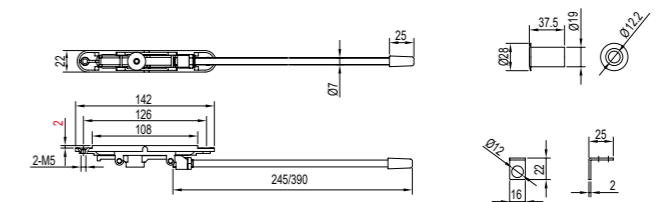
Main Body



Dustproof Tube

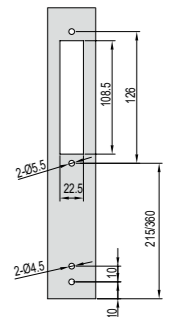


Support Component



Note: Standard latch length is 245 or 390mm, no non-standard order

glass hole opening



KFJ5122A Framed Door Latch

Functional Characteristic

Profile door, special for the structure with a seal strip in the middle of the profile mullion.
 Concealed 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



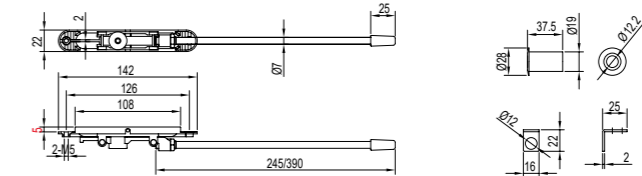
Main Body



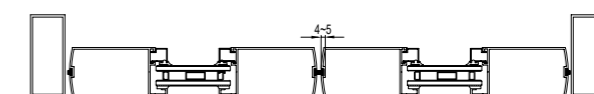
Dustproof Tube



Support Component

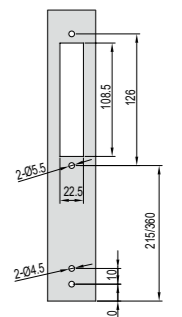


Applicable profile



Note: Standard latch length is 245 or 390mm, no non-standard order

glass hole opening



Glass Clamp Series

Functional Characteristic

- The installation applies to scenarios such as fixing glass
- The main body is split structure
- Door clamp installation position glass without holes
- Glass dimensions are required when ordering
- The decorative cover material can be Aluminium alloy or stainless steel

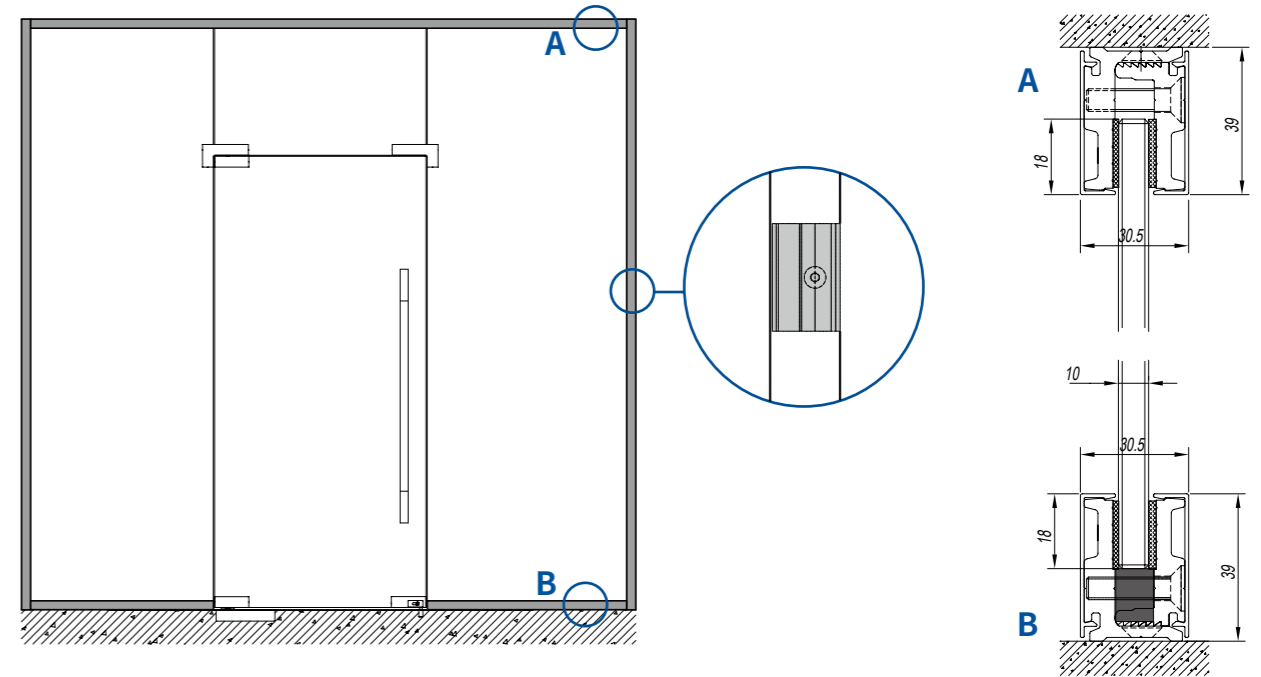
Technical Parameters

- Suitable Thickness of Glass: 8、10、12mm
- Suitable Length : ≤3000mm

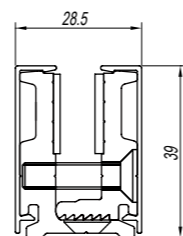
Main Material and Surface Finish

- Main Material: Aluminum Alloy
- Surface Finishing: Silvery white oxidation or Satin

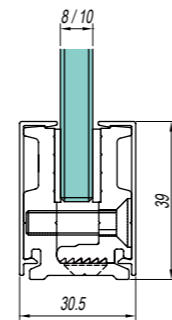
Installation Diagram



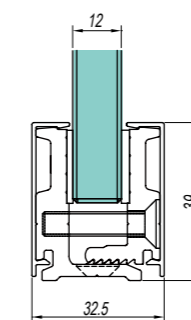
KFJ40110 Glass Clamp



Product Sizes



The Length of Screw is 25mm



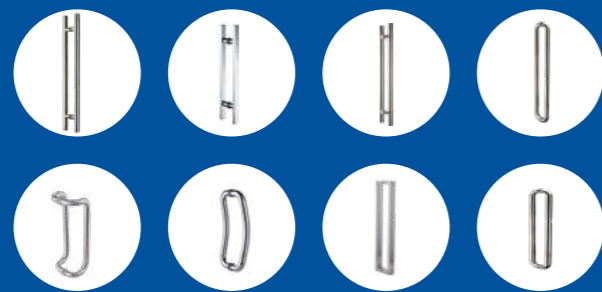
The Length of Screw is 28mm



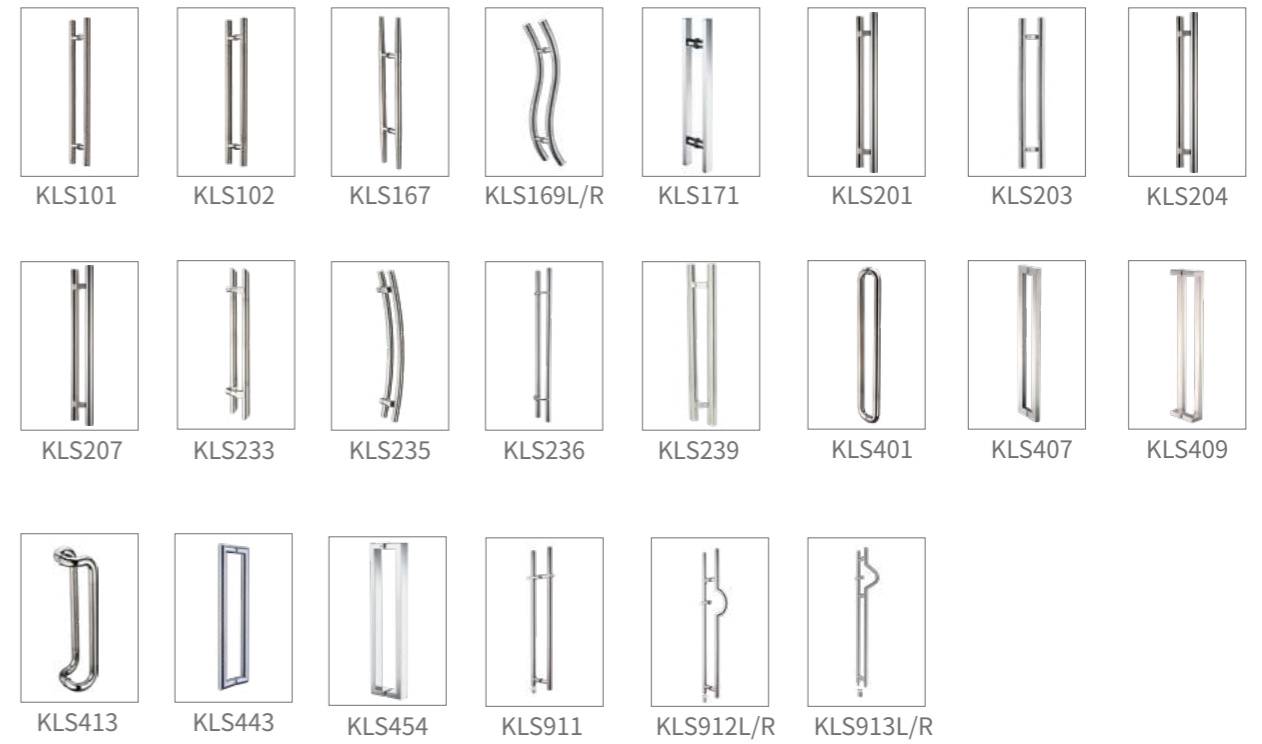
Note: The distance between hole center(650) can be customized as per demand of client.

07

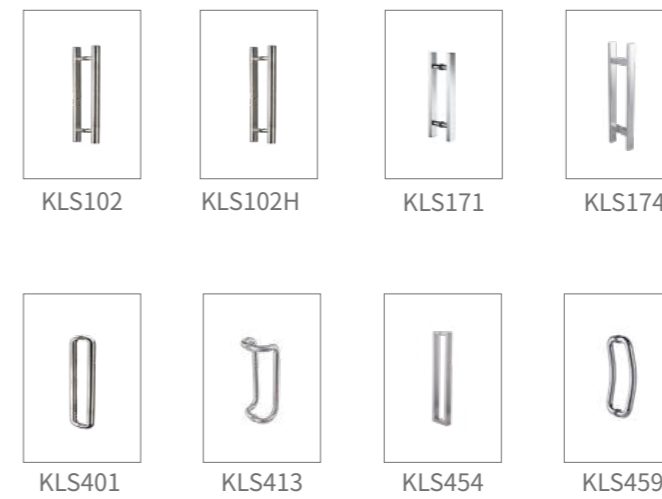
Door Handle



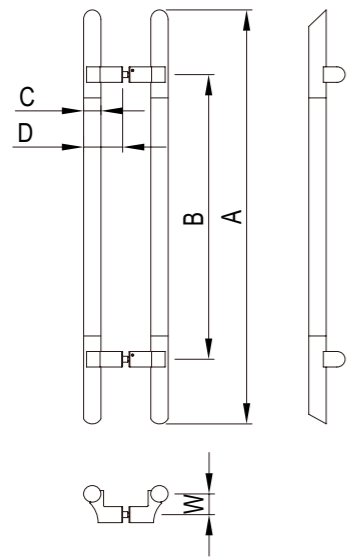
Stainless steel handle(Big)



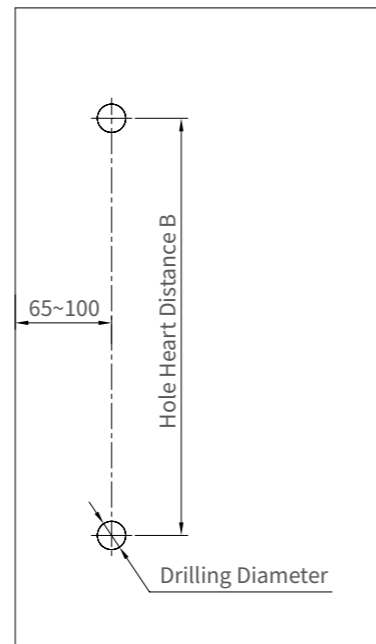
Stainless steel handle(Small)



Luxury handle



Product hole 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.

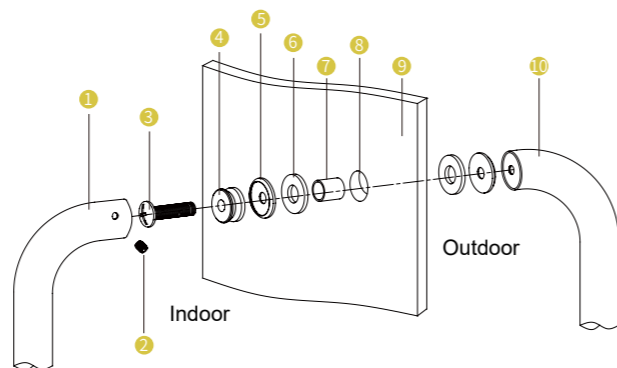
Product Dimension Definition

- A Total length of handle
- B Center hole Distance
- C Handle Pipe Dimensions
- 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
Electroplating	Red bronze
	Green bronze
	Champaign Gold
	Rose Gold
	Black Titanium
Spraying	Black (AD3000-4383236)
	Coffee (SW9331)
	Dark Gray (SW2035)

Installation Diagram



- 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. Due to the effect of photography and printing, there are differences between physical objects and pictures. Please refer to physical objects.

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

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

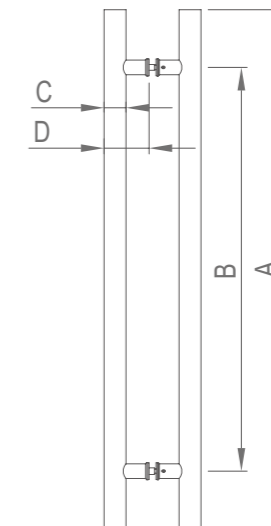


KLS101 Handle

Technical Parameters

- Main Material: S.S 304
- Surface Finish: Satin
- 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.]
- Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)

Dimensions



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)	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$
D(mm)	80	80	80	80	80	80

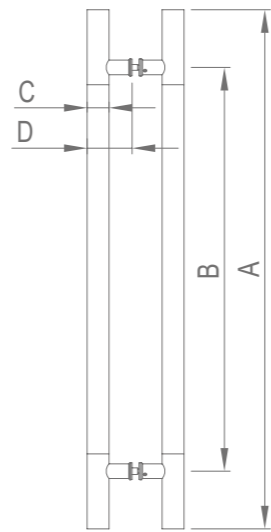


KLS102 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror + Satin
 [Ends are mirror + middle is satin]
 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.]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)

Dimensions



Door Handle

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)	$\Phi 32*0.8$	$\Phi 32*0.8$	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*0.8$	$\Phi 38*1.5$	$\Phi 38*1.5$
D(mm)	72	72	80	80	80	80	80	80	80	80	80	80

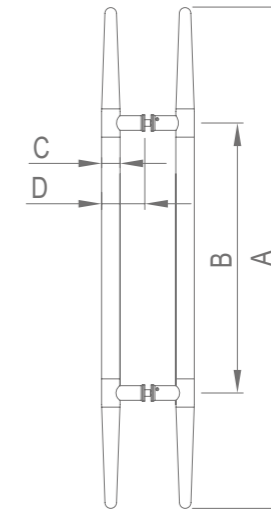


KLS167 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror + Satin
 [Supporting area is mirror + other area is satin]
 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.]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)

Dimensions



Door Handle

Specification

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



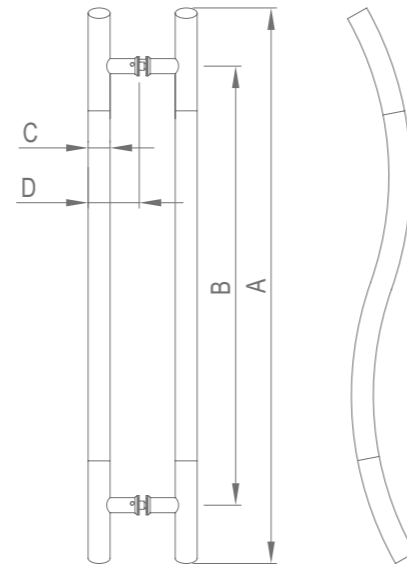
Picture KLS169R

KLS169L/R Handle

Technical Parameters

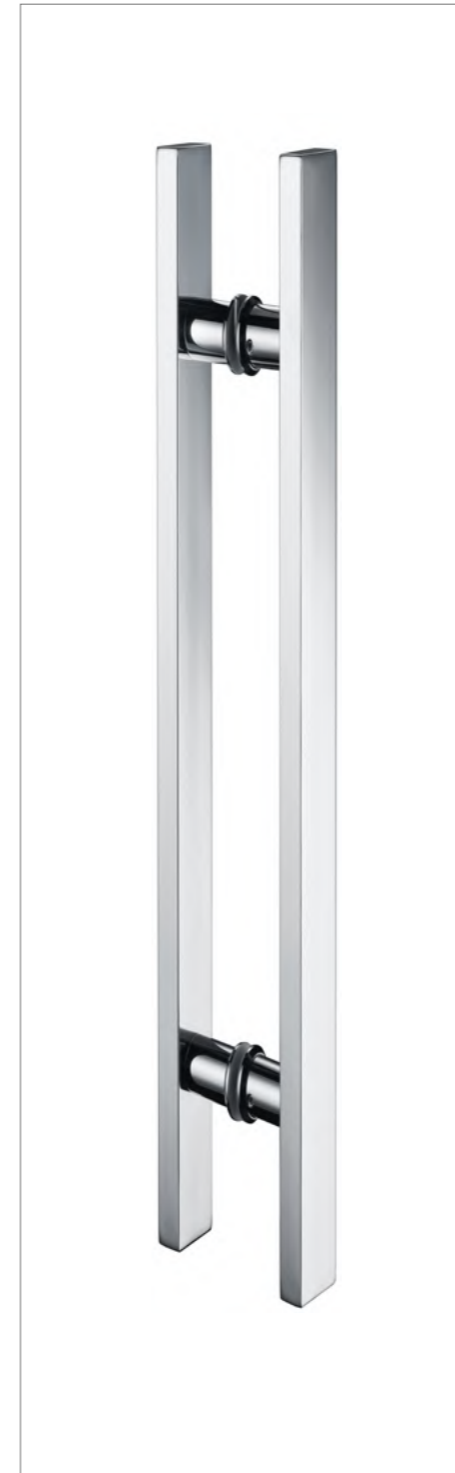
Main Material: S.S 304
 Surface Finish: Mirror + Satin
 [Ends are mirror + middle is satin]
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Drilling Size: Φ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

Dimensions



Specification

Code	KLS16908L/R
A(mm)	800
B(mm)	500
C(mm)	Φ 38*1.2
D(mm)	80

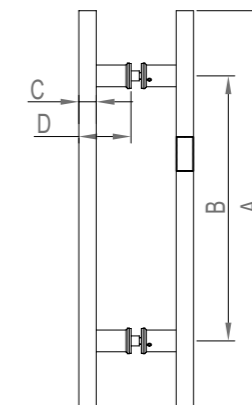


KLS171 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 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.]
 Drilling Size: Φ 14mm(Glass door)
 Φ 10mm(wooden door, framed door)

Dimensions



Specification

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

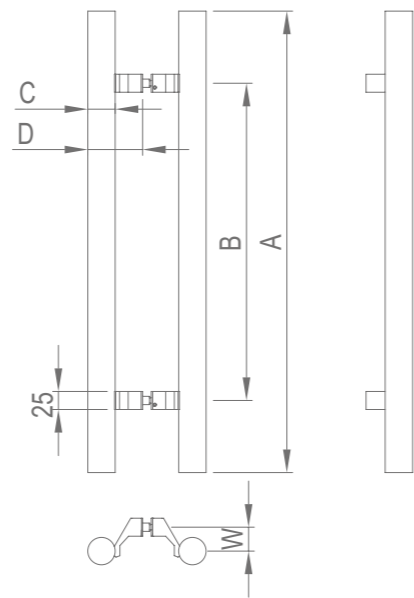


KLS201 Handle

Technical Parameters

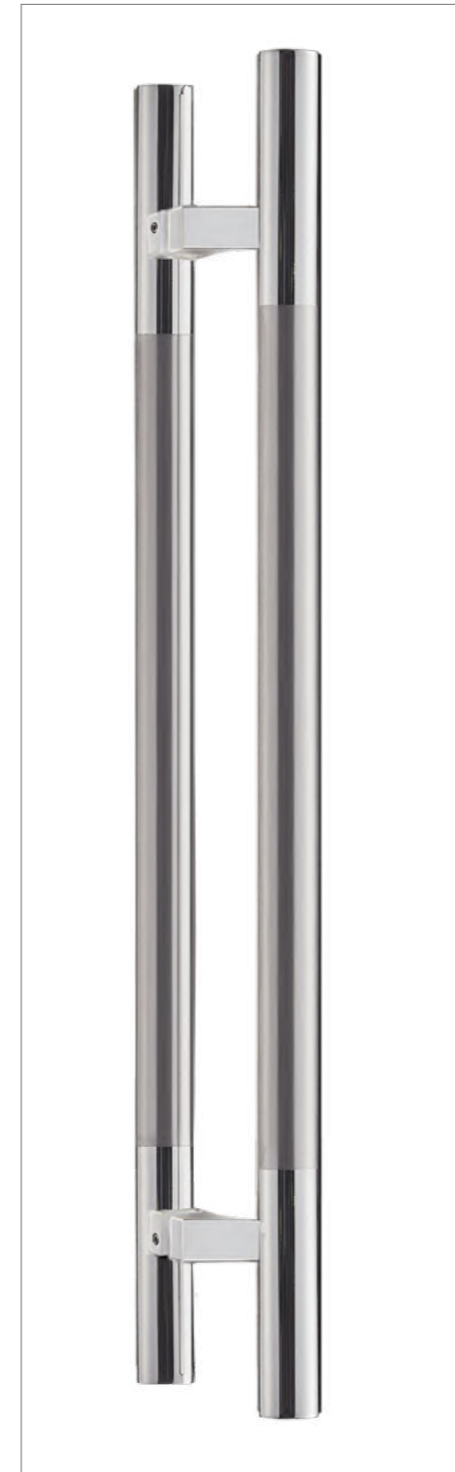
Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the precision casting S.S 304
 Drilling Size: $\Phi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

Dimensions



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)	$\Phi 32 \times 1.2$	$\Phi 38 \times 1.2$	$\Phi 38 \times 1.2$	$\Phi 38 \times 1.2$	$\Phi 38 \times 1.2$	$\Phi 38 \times 1.2$
D(mm)	70	76	76	76	76	76
W(mm)	33	33	33	33	33	33

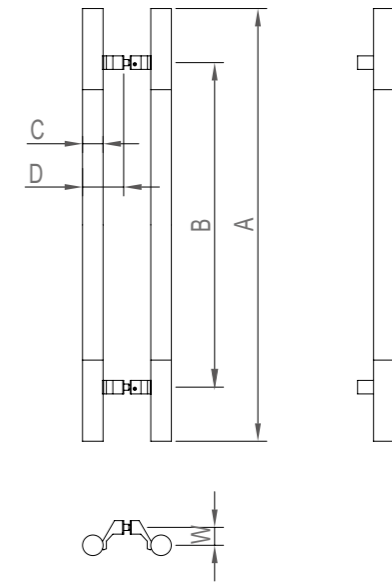


KLS203 Handle

Technical Parameters

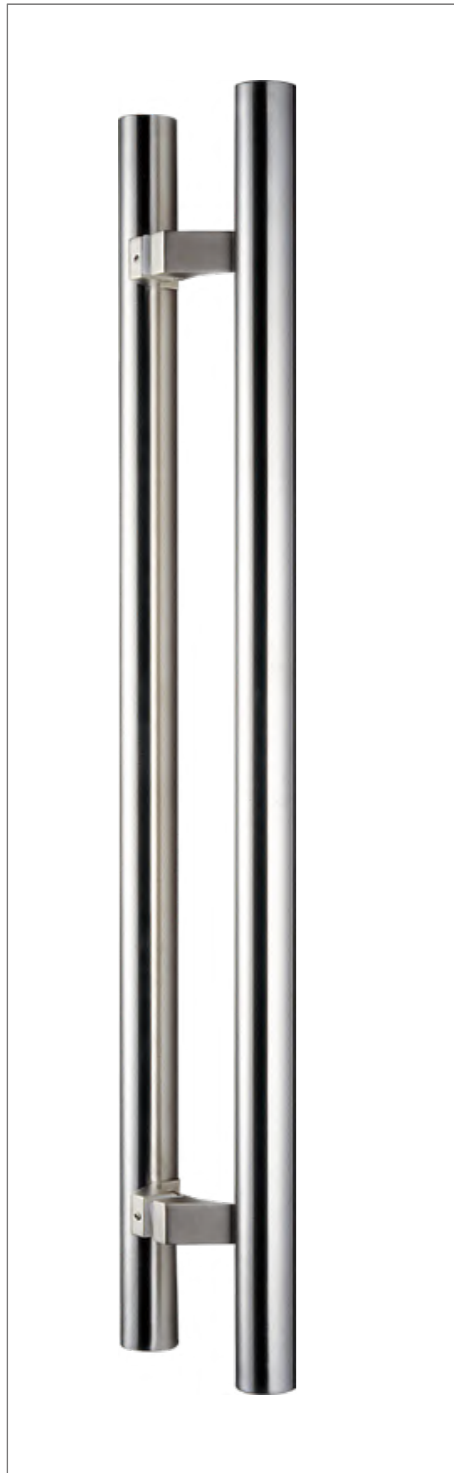
Main Material: S.S 304
 Surface Finish: Mirror + Satin
 [Ends are mirror + middle is satin]
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 The support body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

Dimensions



Specification

Code	KLS20310	KLS20312	KLS20315	KLS20318	KLS20320	KLS20322	KLS20324	KLS20326
A(mm)	1000	1200	1500	1800	2000	2200	2400	2600
B(mm)	800	1000	1300	1600	1600	1800	1800	1800
C(mm)	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$
D(mm)	76	76	76	76	76	76	76	76
W(mm)	33	33	33	33	33	33	33	33

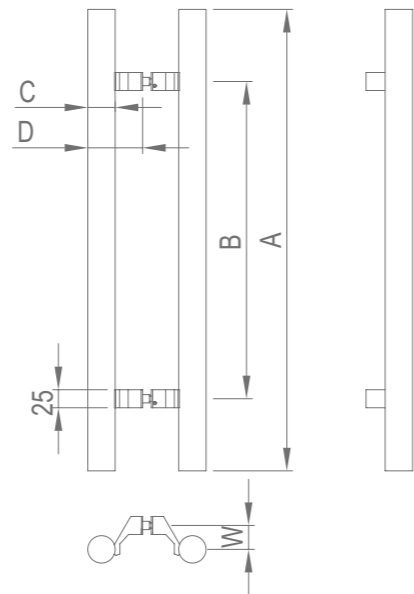


KLS204 Handle

Technical Parameters

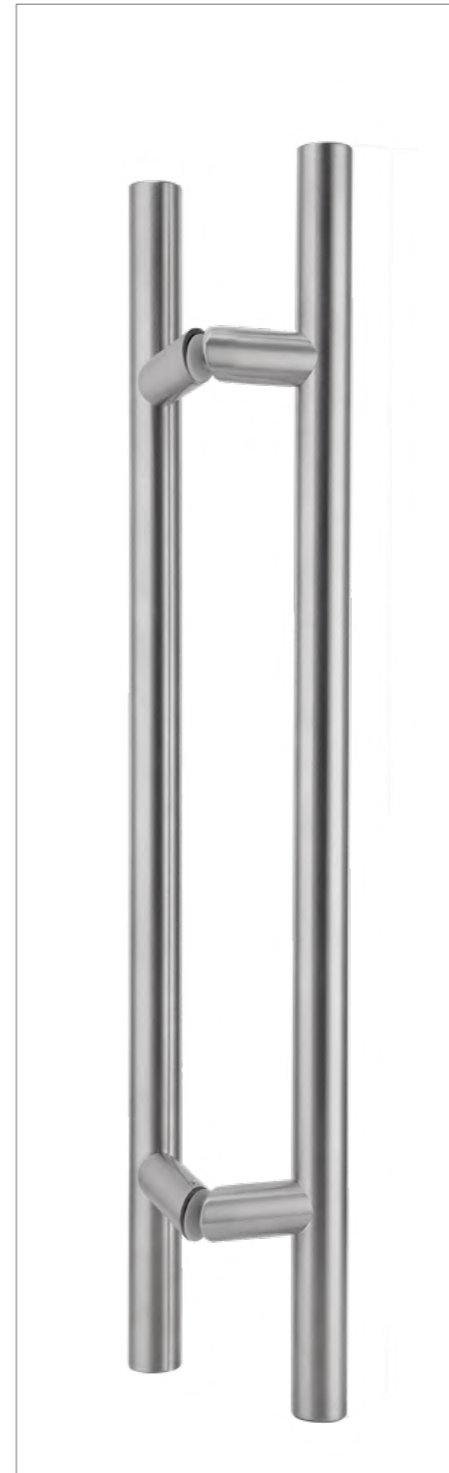
Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 The support body is made of 304 stainless steel plate
 Drilling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

Dimensions



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)	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$
D(mm)	76	76	76	76	76	76
W(mm)	33	33	33	33	33	33

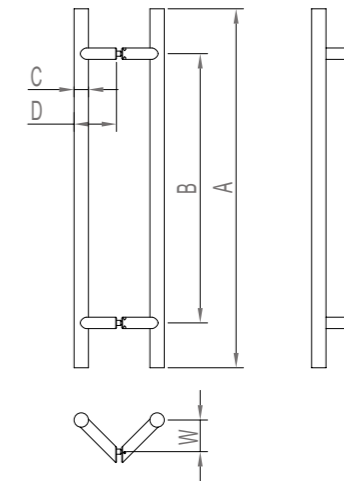


KLS205 Handle

Technical Parameters

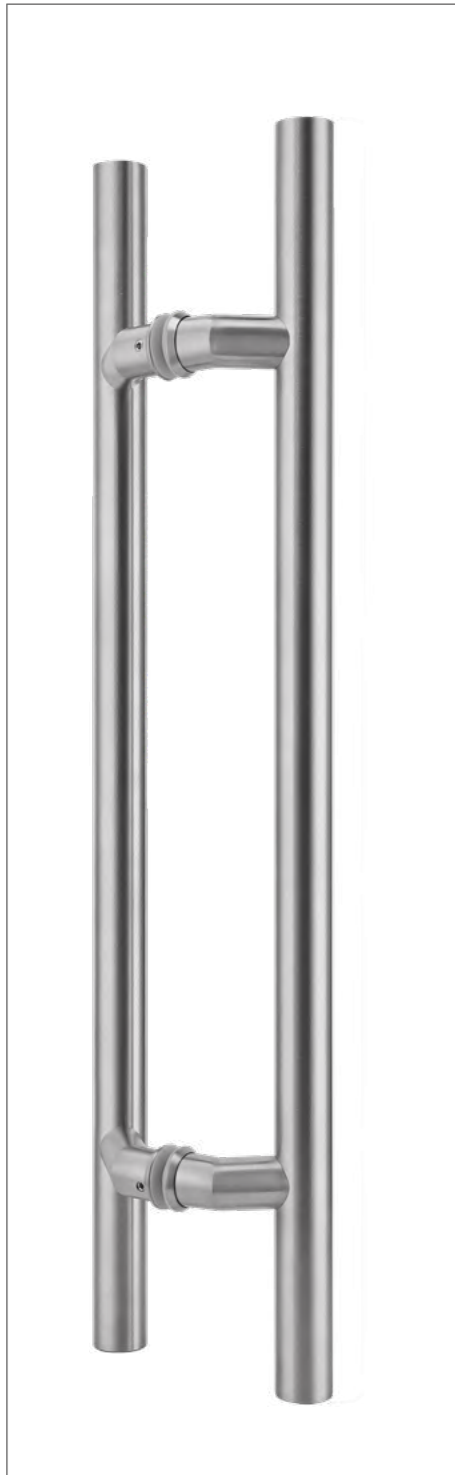
Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$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

Dimensions



Specification

Code	KLS20506	KLS20508	KLS20510
A(mm)	600	800	1000
B(mm)	400	600	800
C(mm)	$\Phi 32 \times 1.2$	$\Phi 32 \times 1.2$	$\Phi 32 \times 1.2$
D(mm)	94.5	94.5	94.5
W(mm)	70.5	70.5	70.5

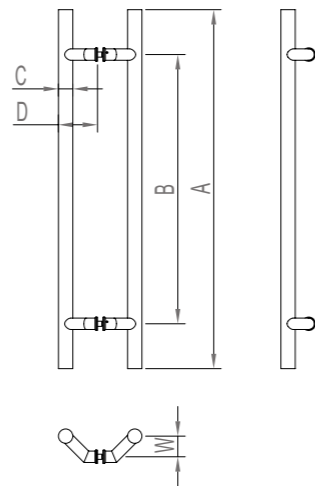


KLS206 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 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.]
 Drilling Size: $\Phi 14$ mm(Glass door)
 $\Phi 10$ mm(wooden door, framed door)

Dimensions



Specification

Code	KLS20606	KLS20608	KLS20610
A(mm)	600	800	1000
B(mm)	400	600	800
C(mm)	$\Phi 32 \times 1.2$	$\Phi 32 \times 1.2$	$\Phi 32 \times 1.2$
D(mm)	87	87	87
W(mm)	46	46	46

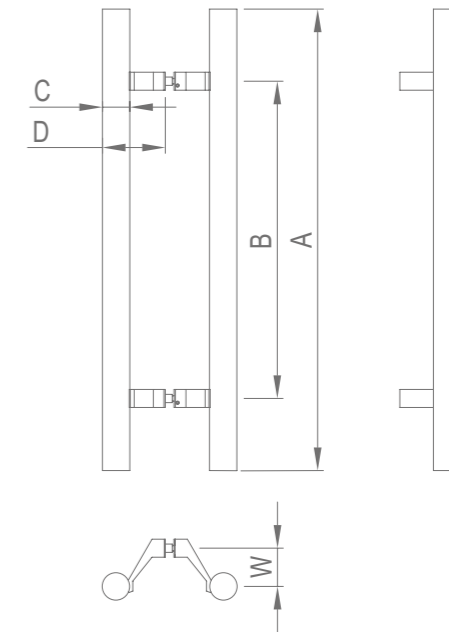


KLS207 Handle

Technical Parameters

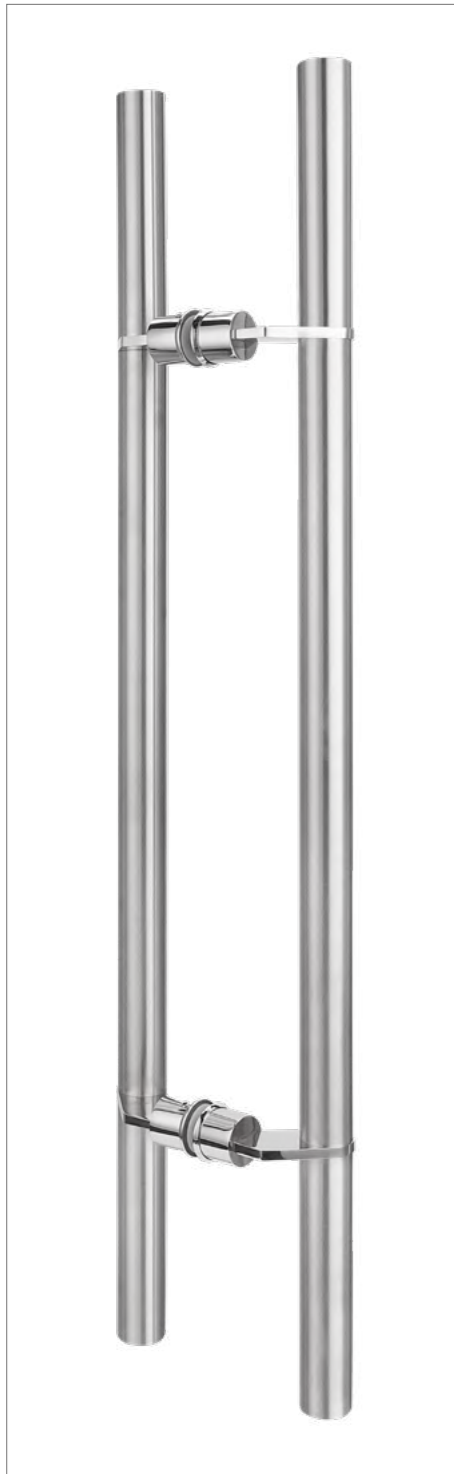
Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the press forming S.S 304
 Drilling Size: $\Phi 14$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

Dimensions



Specification

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

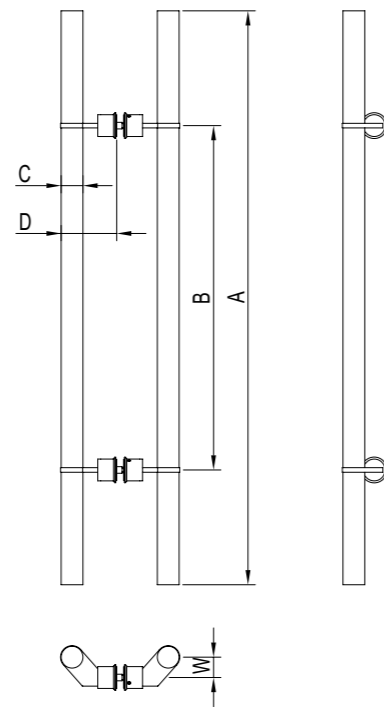


KLS208 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror (supporter) + Satin
 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.]
 Drilling Size: Φ 14mm(Glass door)
 Φ 10mm(wooden door, framed door)

Dimensions



Specification

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

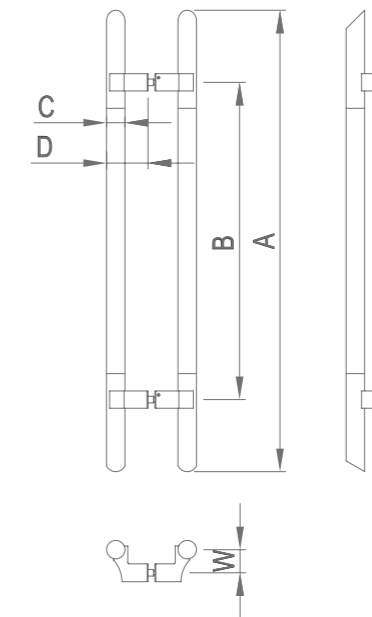


KLS233 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror + Satin
 [Ends are mirror + middle is satin]
 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
 Drilling Size: Φ 14mm(Glass door)
 Φ 10mm(wooden door, framed door)

Dimensions



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)	Φ 32*0.8	Φ 32*0.8	Φ 38*0.8	Φ 38*0.8	Φ 38*0.8	Φ 38*0.8
D(mm)	67	67	74	74	74	74
W(mm)	40	40	40	40	40	40

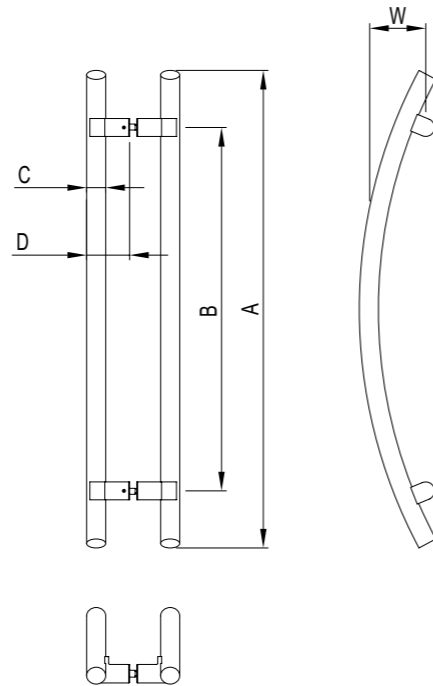


KLS235 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 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
 Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)

Dimensions



Specification

Code	KLS23508
A(mm)	800
B(mm)	600
C(mm)	$\Phi 32 \times 1.2$
D(mm)	72
W(mm)	84

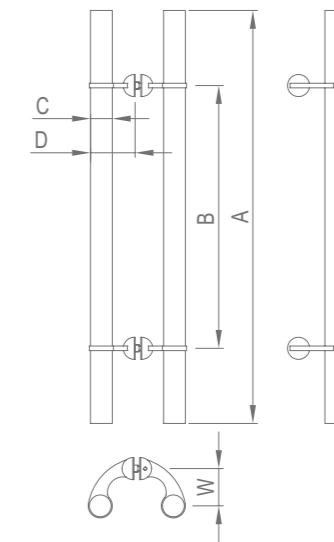


KLS236 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror (supporter) + Satin
 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
 Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)

Dimensions



Specification

Code	KLS23612	KLS23615	KLS23618
A(mm)	1200	1500	1800
B(mm)	800	1100	1400
C(mm)	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$
D(mm)	78	78	78
W(mm)	65	65	65

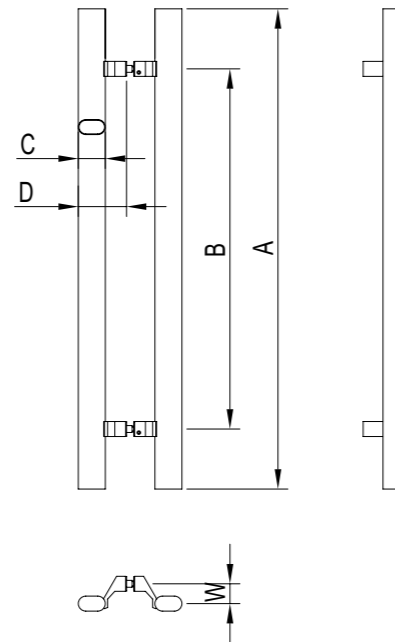


KLS239 Handle

Technical Parameters

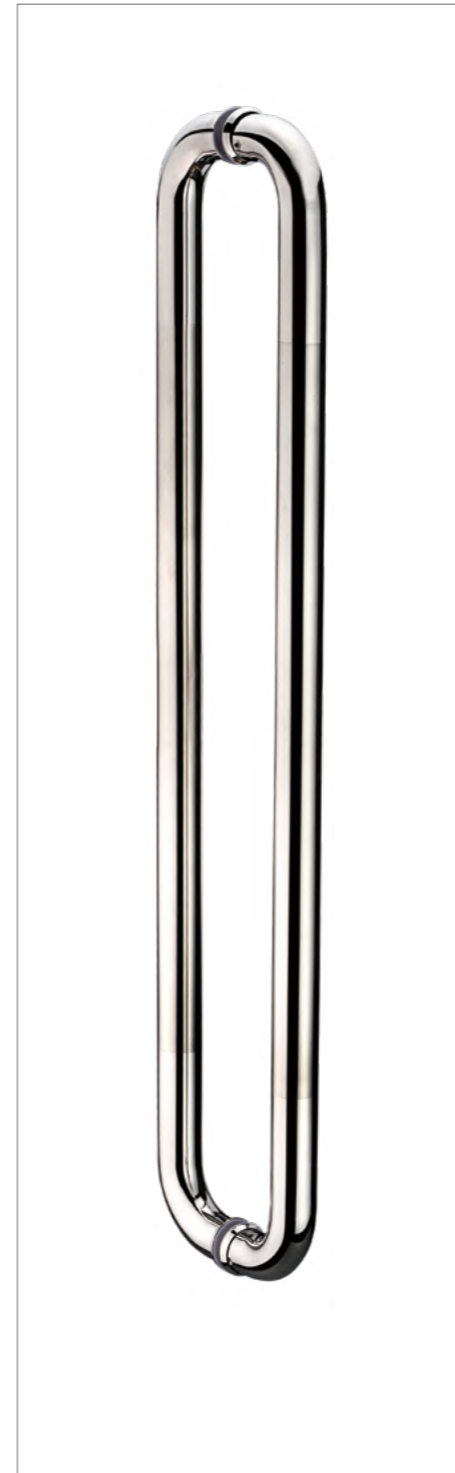
Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Supporter is the press forming S.S 304
 Drilling Size: $\Phi 14$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

Dimensions



Specification

Code	KLS23908	KLS23910	KLS23912	KLS23915
A(mm)	800	1000	1200	1500
B(mm)	600	800	1000	1300
C(mm)	45*25*1.2	45*25*1.2	45*25*1.2	45*25*1.2
D(mm)	80	80	80	80
W(mm)	33	33	33	33

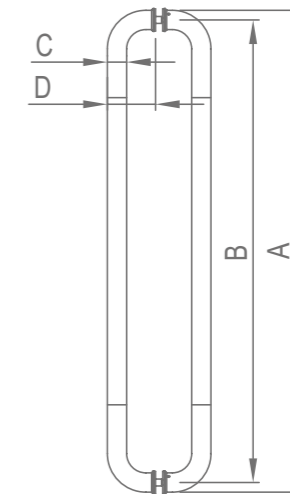


KLS401 Handle

Technical Parameters

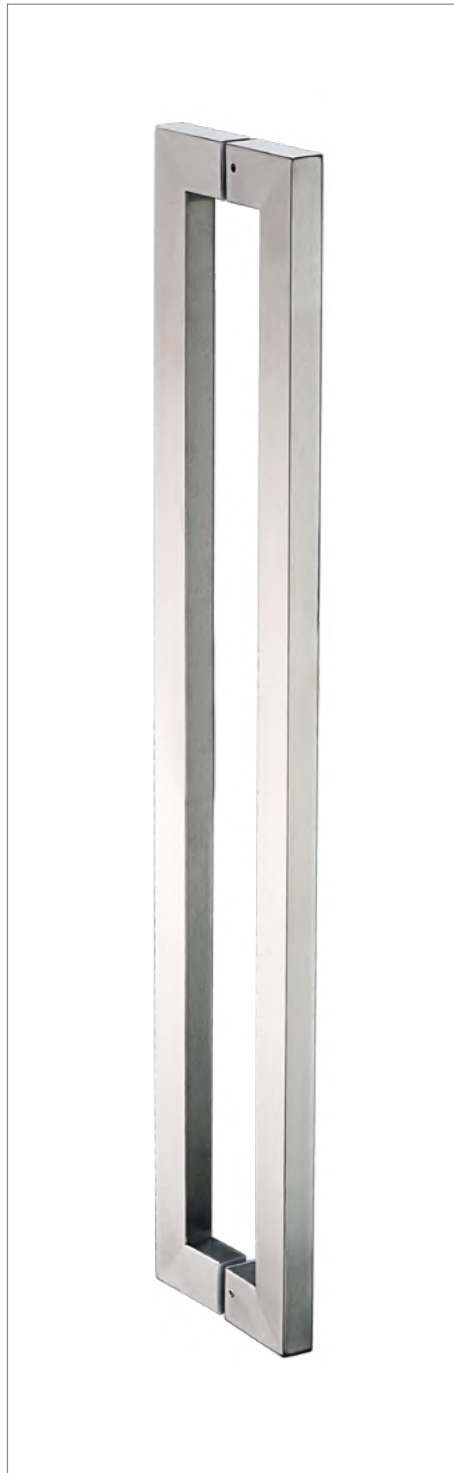
Main Material: S.S 304
 Surface Finish: Mirror + Satin
 [Ends are mirror + middle is satin]
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Drilling Size: $\Phi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

Dimensions



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)	$\Phi 32 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 0.8$	$\Phi 38 \times 1.2$	$\Phi 38 \times 1.2$
D(mm)	82	97	97	97	97	97

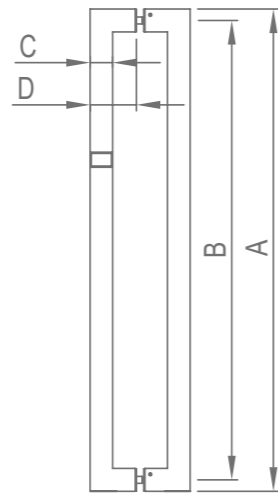


KLS407 Handle

Technical Parameters

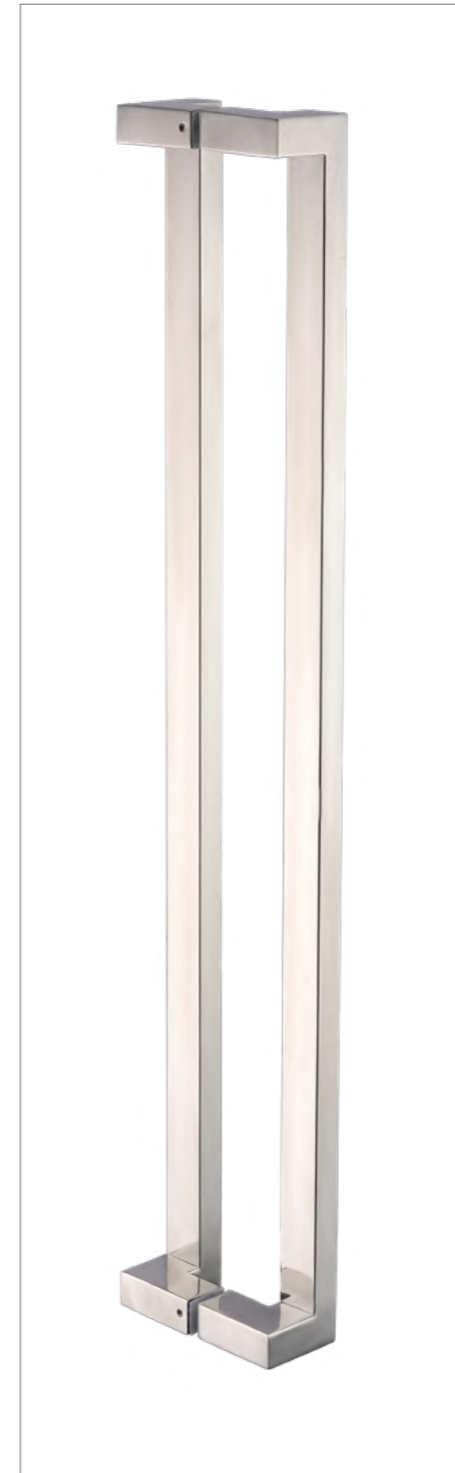
Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10-50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Drilling Size: Φ 14mm(Glass door)
 Φ 10mm(wooden door, framed door)

Dimensions



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

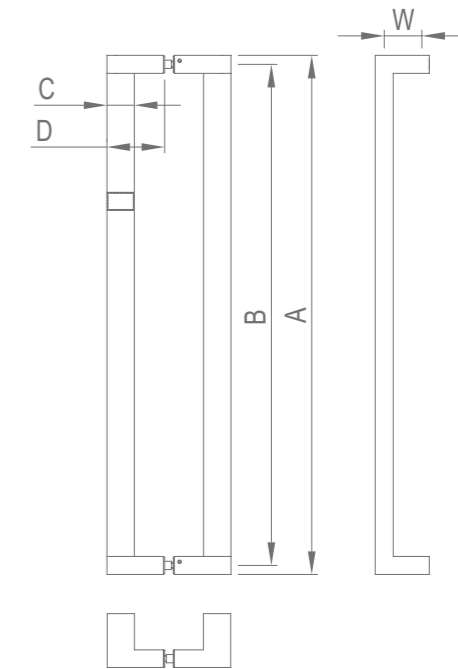


KLS409 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 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.]
 Drilling Size: Φ 14mm(Glass door)
 Φ 10mm(wooden door, framed door)

Dimensions



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

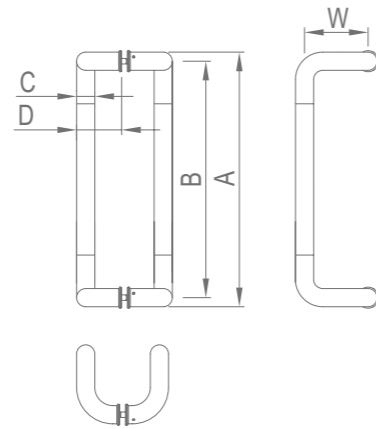


KLS413 Handle

Technical Parameters

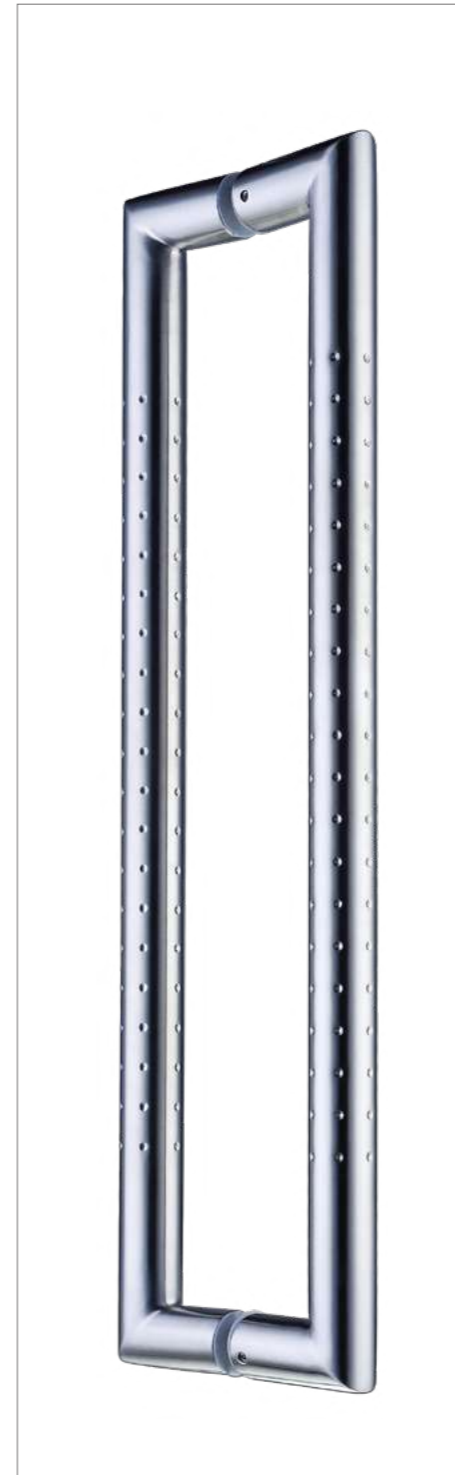
Main Material: S.S 304
 Surface Finish: Mirror+ Satin
 [Ends are mirror + middle is satin]
 Applicable Door Type: Wooden door, glass door, framed door and so on
 Applicable Door Thickness: 10~50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Drilling Size: $\Phi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

Dimensions



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

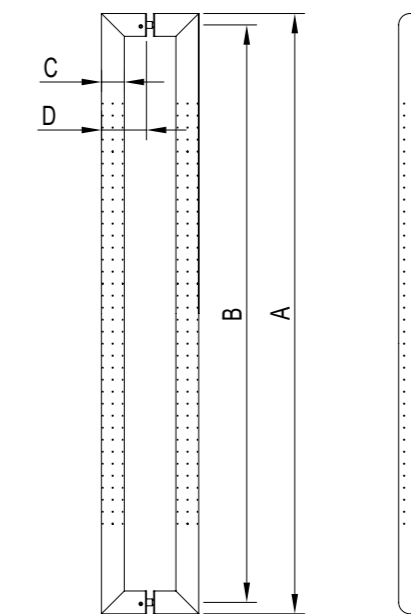


KLS443 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin+Star hole
 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.]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)

Dimensions



Specification

Code	KLS44310	KLS44312
A(mm)	1000	1200
B(mm)	962	1162
C(mm)	$\Phi 38*1.2$	$\Phi 38*1.2$
D(mm)	75	75

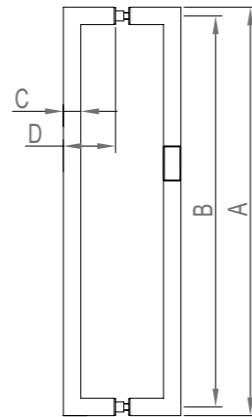


KLS454 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 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.]
 Drilling Size: $\Phi 14$ mm(Glass door)
 $\Phi 10$ mm(wooden door, framed door)

Dimensions



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

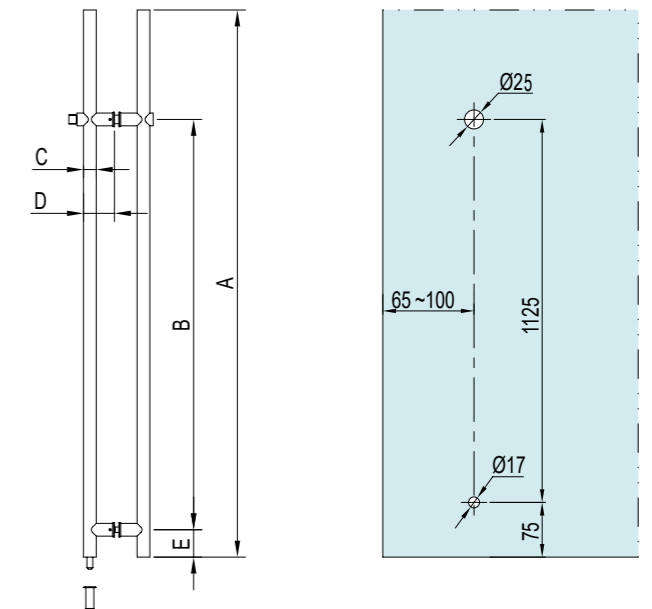


KLS911 Handle with lock

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 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.
 Drilling Size: $\Phi 25$ mm(upper end), $\Phi 17$ mm(lower end)

Dimensions



Specification

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

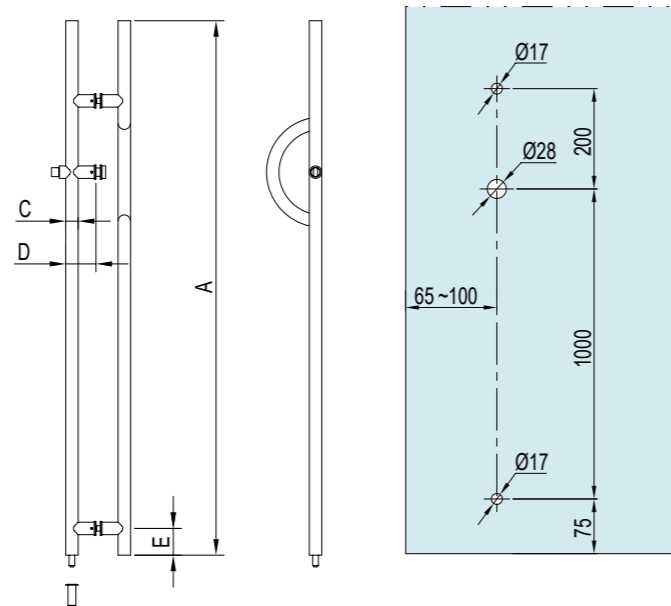


KLS912L/R Handle with lock

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: glass door
 Applicable Door Thickness: 10~12mm
 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.
 Drilling Size: $\Phi 17$ mm(upper end), $\Phi 28$ mm(mid end), $\Phi 17$ mm(lower end)

Dimensions



Specification

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

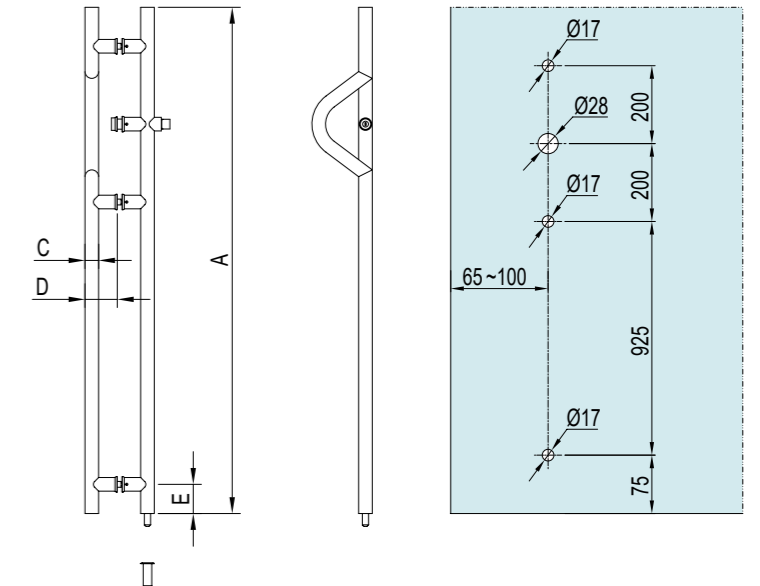


KLS913L/R Handle with lock

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: glass door
 Applicable Door Thickness: 10~12mm
 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.
 Drilling Size: Refer to the glass opening diagram below

Dimensions



Specification

Code	KLS91315L/R
A(mm)	1500
B(mm)	—
C(mm)	$\Phi 35 \times 1.0$
D(mm)	83
E(mm)	75

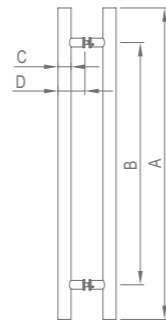


KLS102 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 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.]
 Drilling Size: $\Phi 14$ mm(Glass door)
 $\Phi 10$ mm(wooden door, framed door)

Dimensions



Specification

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

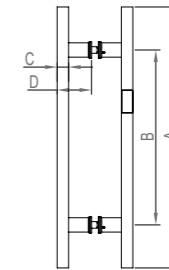


KLS171 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 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.]
 Drilling Size: $\Phi 14$ mm(Glass door)
 $\Phi 10$ mm(wooden door, framed door)

Dimensions



Specification

Code	KLS17103	KLS17104	KLS17105	KLS17106
A(mm)	350	455	500	600
B(mm)	250	305	350	450
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

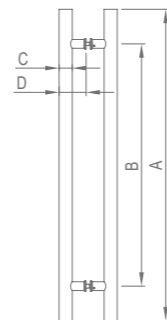


KLS102H Handle

Technical Parameters

Main Material: S.S 304.
 Surface finish: Mirror / Satin
 Applicable door type: Glass door, Framed door, wooden door and so on
 Applicable door thickness: 10-50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Drilling size: $\Phi 14$ mm (Glass door)
 $\Phi 10$ mm (Framed door, wooden door)

Dimensions



Specification

Code	KLS102H450	KLS102H600
A(mm)	450	600
B(mm)	300	450
C(mm)	$\Phi 25 \times 0.8$	$\Phi 25 \times 0.8$
D(mm)	65	65

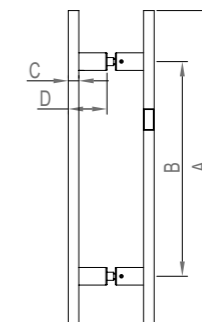


KLS174 Handle

Technical Parameters

Main Material: S.S 304.
 Surface finish: Mirror / Satin
 Applicable door type: Glass door, Framed door, wooden door and so on
 Applicable door thickness: 10-50mm
 [When the door thickness is more than 50mm, it needs to change the coupling screw.]
 Drilling size: $\Phi 14$ mm (Glass door)
 $\Phi 10$ mm (Framed door, wooden door)

Dimensions



Specification

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

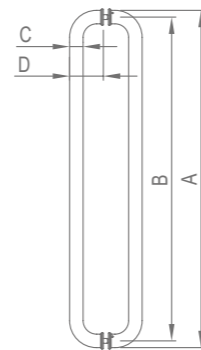


KLS401 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 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.]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)

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

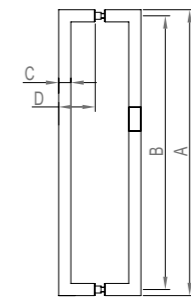


KLS454 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 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.]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)

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

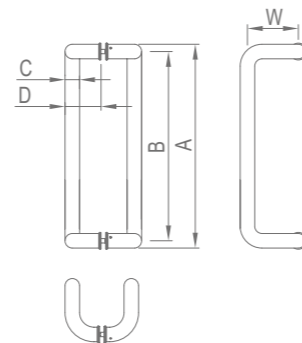


KLS413 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 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.]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)

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

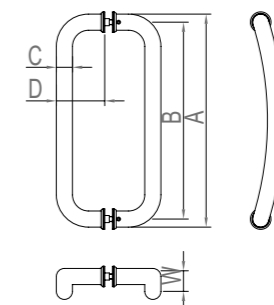


KLS459 Handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Mirror / Satin
 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.]
 Drilling Size: $\Phi 14\text{mm}$ (Glass door)
 $\Phi 10\text{mm}$ (wooden door, framed door)

Dimensions



Specification

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

08

Sliding door system



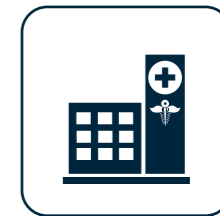
Application scenarios



Residential



Hotel



Hospital



Office buildings



Shopping plaza



School



Conference hall



Business office

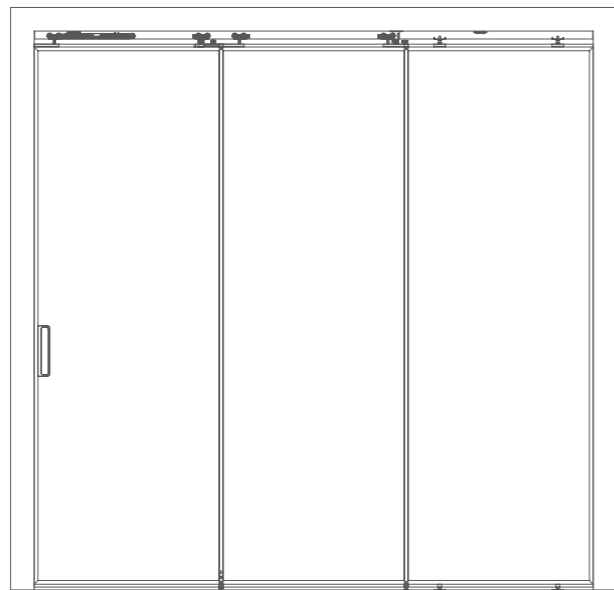


Others

.....

Others

Aluminum narrow frame sliding door accessories



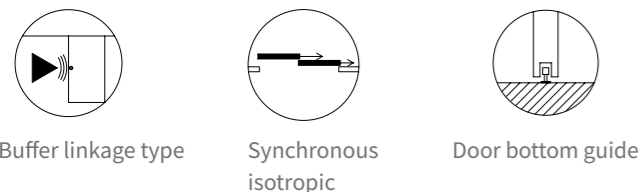
Sliding door

Sliding door

Aluminum narrow Frame Linkage Sliding Door Accessories KYN6120LD NEW

Applicable door weight 60Kg

Sliding door function diagram

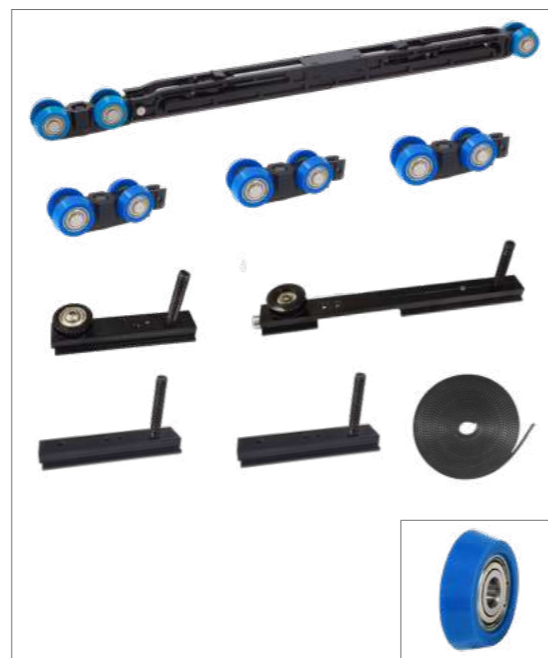


Technical Parameters

Door weight	≤60Kg	Height adjustment	±3mm
Door thickness	35、45mm	Buffer type	two-way buffering
Door width	≥570mm	Linkage type	synchronous isotropic
Door height	≤2600mm	Applicable door type	2+0 Linkage

Main Material

Hanging wheel main body	Zinc alloy
Adjustable mounting	Aluminum alloy
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy



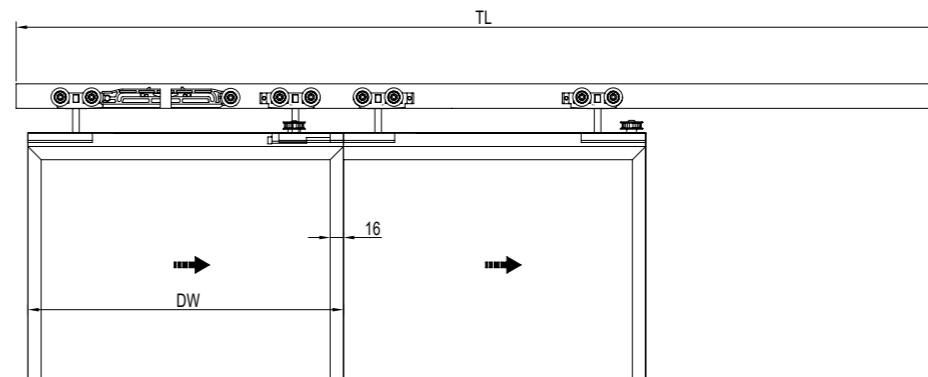
Standard configuration (A 45mm door thick fitting is shown)

Model	Accessory name	Accessory pictures	Quantity	Accessory name	Accessory pictures	Quantity
KYN6120LD	Buffer hanging wheel		1	Hanging wheel		3
	Adjustable mounting		2	Linkage belt fixing clamp		1
	Long guide wheel		1	External linkage guide		1
	Short guide wheel		1	Door bottom guide		1
	Buffer block		2	Belt		1
	Top mounting fixed clamp		Each 1			

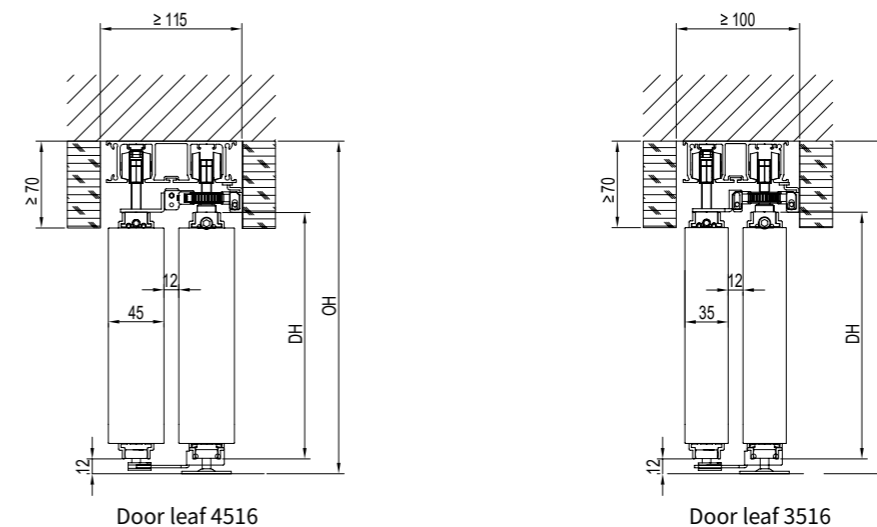
Matching track

Door thickness	Model	Product Image	Dimensions	Remark
45mm	KYN91018			The length is calculated according to the width of the door opening and needs to be ordered separately
35mm	KYN91022			

Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel



Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

$DH = OH - 69$
 $DW = (OW + 16 * 2) / 3$
 $TL = OW - 5$

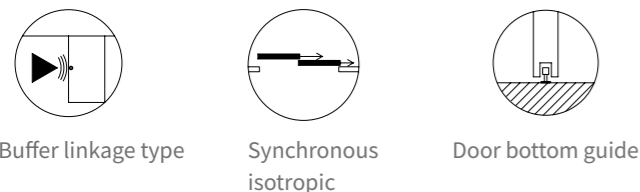
Product Configuration Table

Door thickness	Accessory name	Model	Quantity	Remark	Common configuration type	
45mm	Aluminum narrow frame linkage sliding door accessories	KYN6120LD	1 set		Off state	
	Double row hanging rail	KYN91018	1 root			
	Sliding door handle	KLS94503	1pair	Optional accessories (See P341)		
35mm	Aluminum narrow frame linkage sliding door accessories	KYN6120LD	1 set		Open state	
	Double row hanging rail	KYN91022	1 root			
	Sliding door handle	KLS94504	1pair	Optional accessories (See P341)		

Aluminum narrow Frame Linkage Sliding Door Accessories KYN6121LD

Applicable door weight 60Kg

Sliding door function diagram

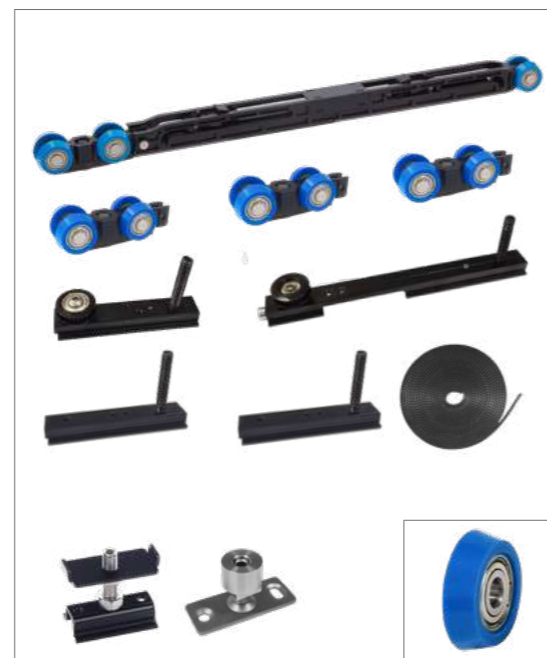


Technical Parameters

Door weight	≤60Kg	Height adjustment	±3mm
Door thickness	35、45mm	Buffer type	two-way buffering
Door width	≥570mm	Linkage type	synchronous isotropic
Door height	≤2600mm	Applicable door type	2+1 Linkage

Main Material

Hanging wheel main body	Zinc alloy
Adjustable mounting	Aluminum alloy
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy



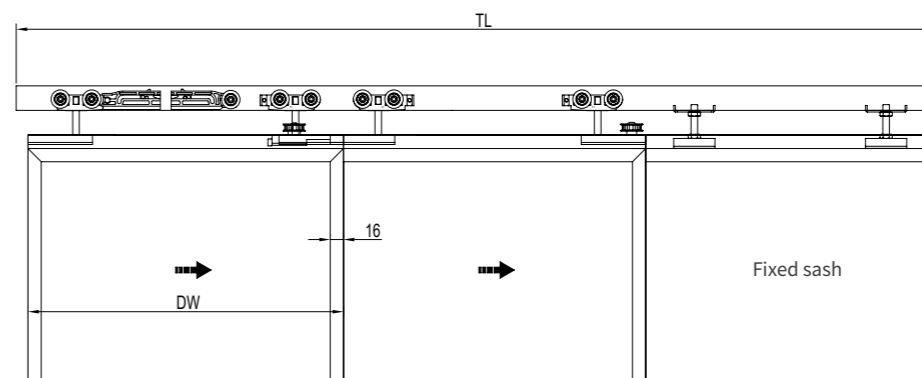
Standard configuration (A 45mm door thick fitting is shown)

Model	Accessory name	Accessory pictures	Quantity	Accessory name	Accessory pictures	Quantity
KYN6121LD	Buffer hanging wheel		1	Hanging wheel		3
	Adjustable mounting		2	Linkage belt fixing clamp		1
	Long guide wheel		1	External linkage guide		1
	Short guide wheel		1	Door bottom guide		1
	Buffer block		2	Belt		1
	Top mounting fixed clamp		Each 1	Fixed sash accessories		1

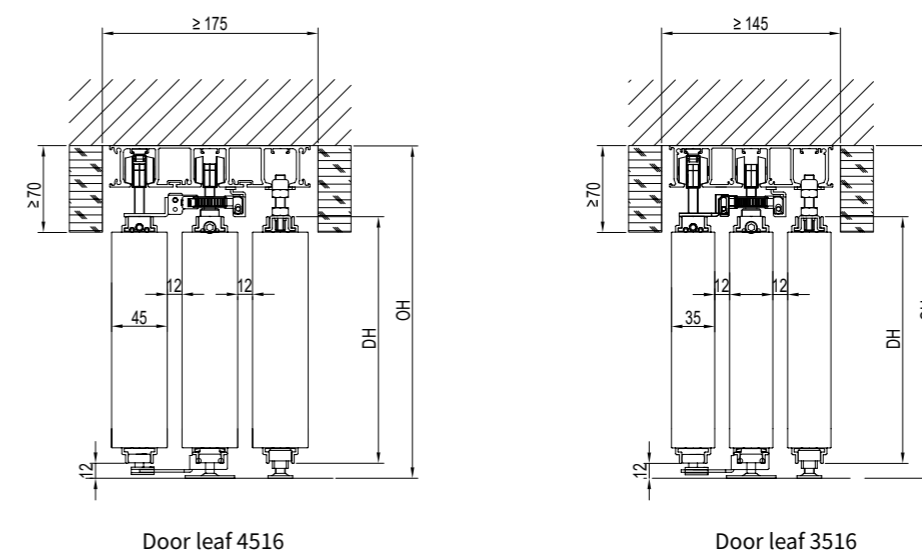
Matching track

Door thickness	Model	Product Image	Dimensions	Remark
45mm	KYN91019			The length is calculated according to the width of the door opening and needs to be ordered separately
35mm	KYN91023			

Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel



Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

$$DH = OH - 69$$

$$DW = (OW + 16 * 2) / 3$$

$$TL = OW - 5$$

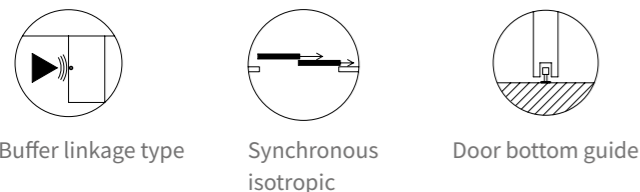
Product Configuration Table

Door thickness	Accessory name	Model	Quantity	Remark	Common configuration type	
45mm	Aluminum narrow frame linkage sliding door accessories	KYN6121LD	1 set		Off state	
	Three rows of hanging rails	KYN91019	1 root			
	Sliding door handle	KLS94503	1pair	Optional accessories (See P341)		
35mm	Aluminum narrow frame linkage sliding door accessories	KYN6121LD	1 set		Open state	
	Three rows of hanging rails	KYN91023	1 root			
	Sliding door handle	KLS94504	1pair	Optional accessories (See P341)		

Aluminum narrow Frame Linkage Sliding Door Accessories KYN6130LD NEW

Applicable door weight 60Kg

Sliding door function diagram



Technical Parameters

Door weight	≤60Kg	Height adjustment	±3mm
Door thickness	35、45mm	Buffer type	two-way buffering
Door width	≥570mm	Linkage type	synchronous isotropic
Door height	≤2600mm	Applicable door type	3+0 Linkage

Main Material

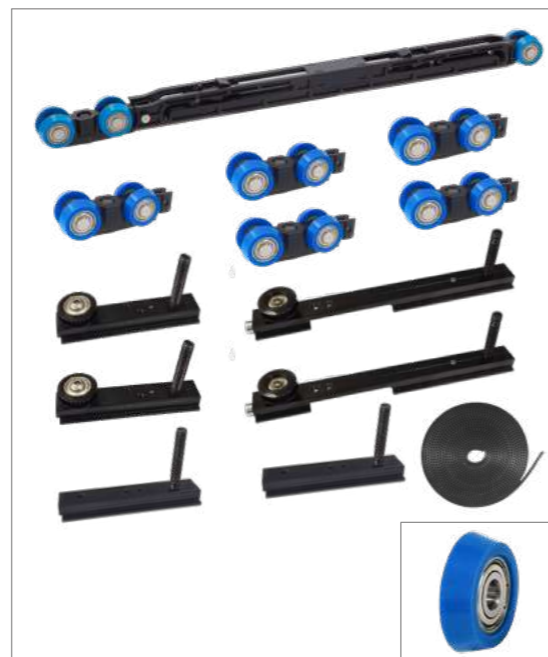
Hanging wheel main body	Zinc alloy
Adjustable mounting	Aluminum alloy
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy

Standard configuration (A 45mm door thick fitting is shown)

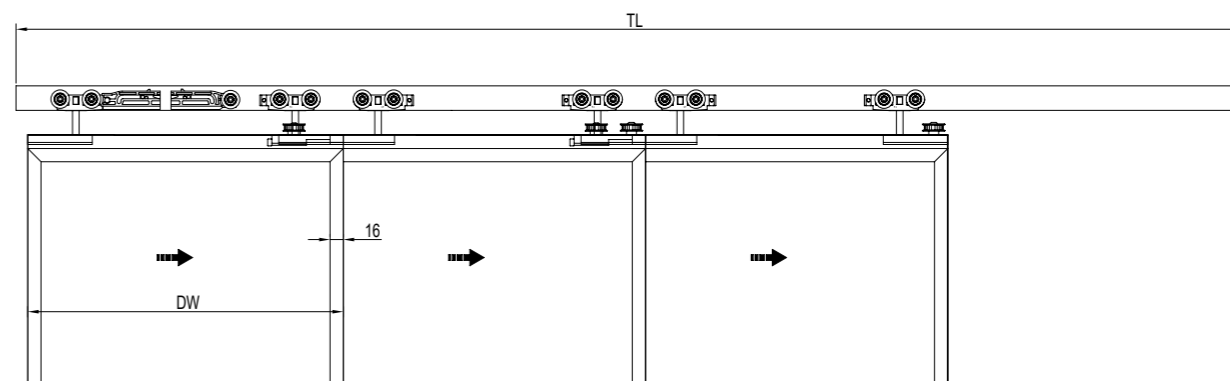
Model	Accessory name	Accessory pictures	Quantity	Accessory name	Accessory pictures	Quantity
KYN6130LD	Buffer hanging wheel		1	Hanging wheel		5
	Adjustable mounting		2	Linkage belt fixing clamp		3
	Long guide wheel		2	External linkage guide		2
	Short guide wheel		2	Door bottom guide		1
	Buffer block		2	Belt		2
	Top mounting fixed clamp		Each 1			

Matching track

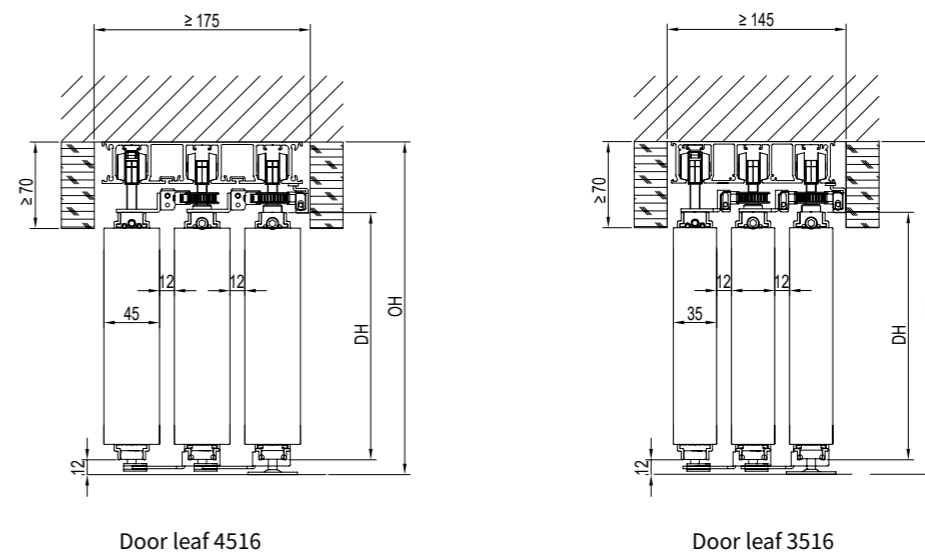
Door thickness	Model	Product Image	Dimensions	Remark
45mm	KYN91019			The length is calculated according to the width of the door opening and needs to be ordered separately
35mm	KYN91023			



Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel



Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

$DH = OH - 69$
 $DW = (OW + 16 \times 3) / 4$
 $TL = OW - 5$

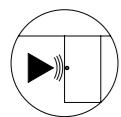
Product Configuration Table

Door thickness	Accessory name	Model	Quantity	Remark	Common configuration type	
45mm	Aluminum narrow frame linkage sliding door accessories	KYN6130LD	1 set		Off state	
	Three rows of hanging rails	KYN91019	1 root			
	Sliding door handle	KLS94503	1pair	Optional accessories (See P341)		
35mm	Aluminum narrow frame linkage sliding door accessories	KYN6130LD	1 set		Open state	
	Three rows of hanging rails	KYN91023	1 root			
	Sliding door handle	KLS94504	1pair	Optional accessories (See P341)		

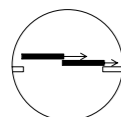
Aluminum narrow Frame Linkage Sliding Door Accessories KYN6131LD

Applicable door weight 60Kg

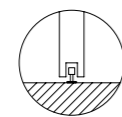
Sliding door function diagram



Buffer linkage type



Synchronous isotropic



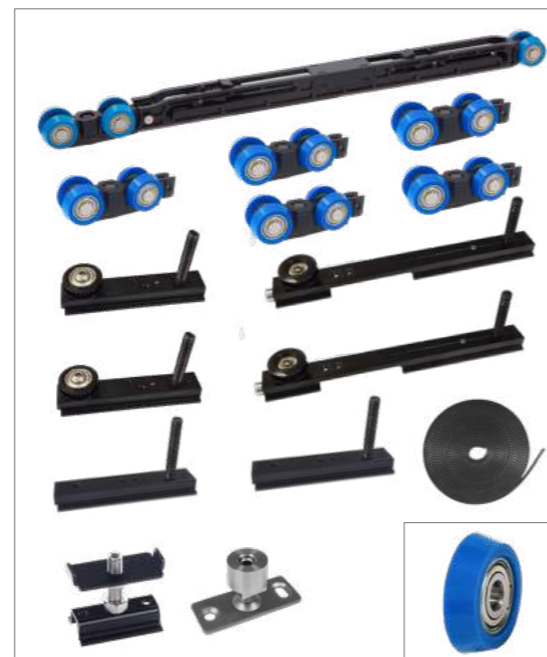
Door bottom guide

Technical Parameters

Door weight	≤60Kg	Height adjustment	±3mm
Door thickness	35、45mm	Buffer type	two-way buffering
Door width	≥570mm	Linkage type	synchronous isotropic
Door height	≤2600mm	Applicable door type	3+1 Linkage

Main Material

Hanging wheel main body	Zinc alloy
Adjustable mounting	Aluminum alloy
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy



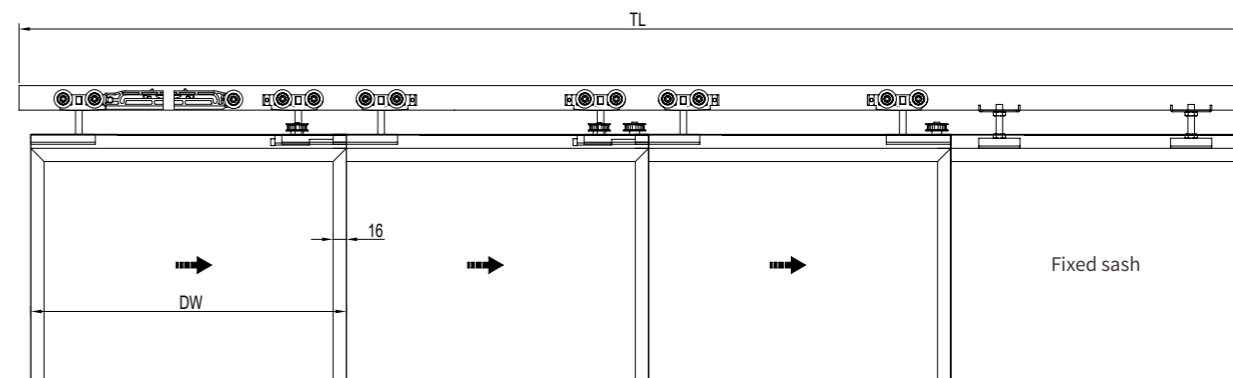
Standard configuration (A 45mm door thick fitting is shown)

Model	Accessory name	Accessory pictures	Quantity	Accessory name	Accessory pictures	Quantity
KYN6131LD	Buffer hanging wheel		1	Hanging wheel		5
	Adjustable mounting		2	Linkage belt fixing clamp		3
	Long guide wheel		2	External linkage guide		2
	Short guide wheel		2	Door bottom guide		1
	Buffer block		2	Belt		2
	Top mounting fixed clamp		Each 1	Fixed sash accessories		1

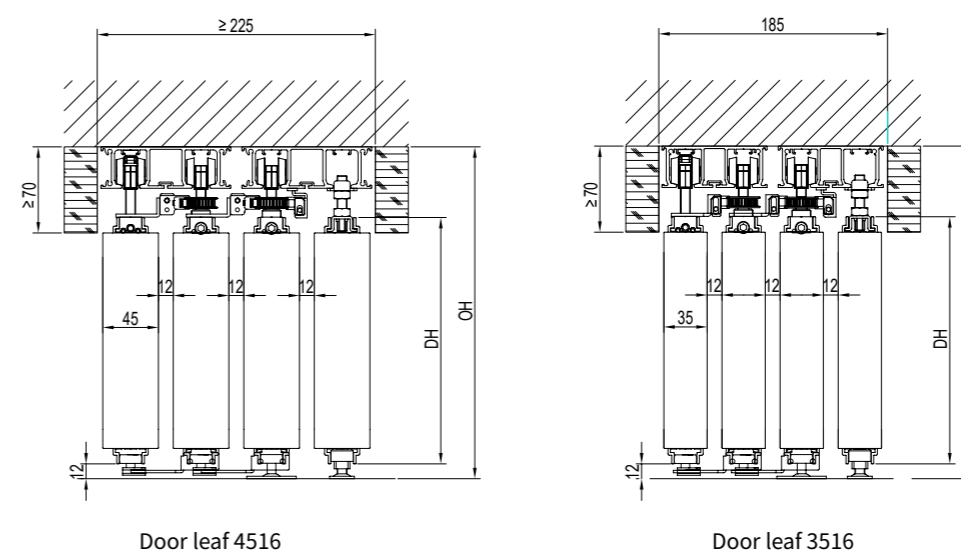
Matching track

Door thickness	Model	Product Image	Dimensions	Remark
45mm	KYN91018			The length is calculated according to the width of the door opening and needs to be ordered separately
35mm	KYN91022			

Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel



Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

$$DH = OH - 69$$

$$DW = (OW + 16 \times 3) / 4$$

$$TL = OW - 5$$

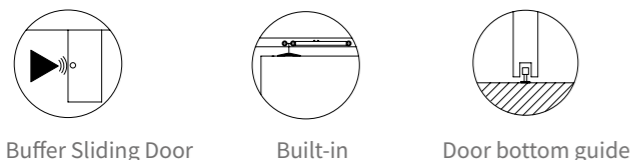
Product Configuration Table

Door thickness	Accessory name	Model	Quantity	Remark	Common configuration type	
45mm	Aluminum narrow frame linkage sliding door accessories	KYN6131LD	1 set		Off state	
	Double row hanging rail	KYN91018	2 roots			
	Sliding door handle	KLS94503	1 pair	Optional accessories (See P341)		
35mm	Aluminum narrow frame linkage sliding door accessories	KYN6131LD	1 set		Open state	
	Double row hanging rail	KYN91022	2 roots			
	Sliding door handle	KLS94504	1 pair	Optional accessories (See P341)		

Aluminum narrow Buffer Sliding Door Accessories KYN8110HD NEW

Applicable door weigh 60Kg

Sliding door function diagram



Buffer Sliding Door Built-in Door bottom guide

Technical Parameters

Door weight	≤60Kg
Door thicknes	35、40、45mm
Door width	≥570mm
Door height	≤2300mm
Height adjustment	±3mm
Buffer type	single Two-way buffering

Main Material

Hanging wheel main body	Zinc alloy
Adjustable mounting	High strength engineering plastics
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy



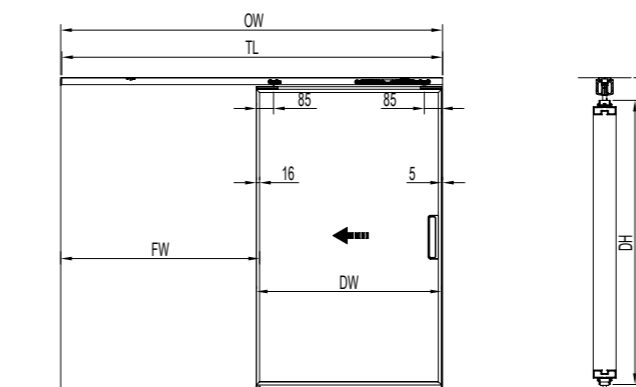
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8110HD	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91013			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



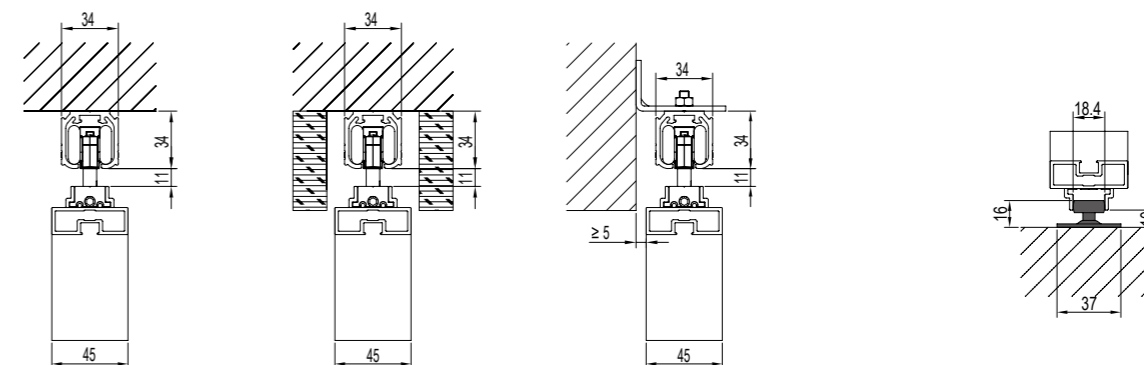
Size explanation

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-55
FW=OW/2+16
DW=FW-21
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



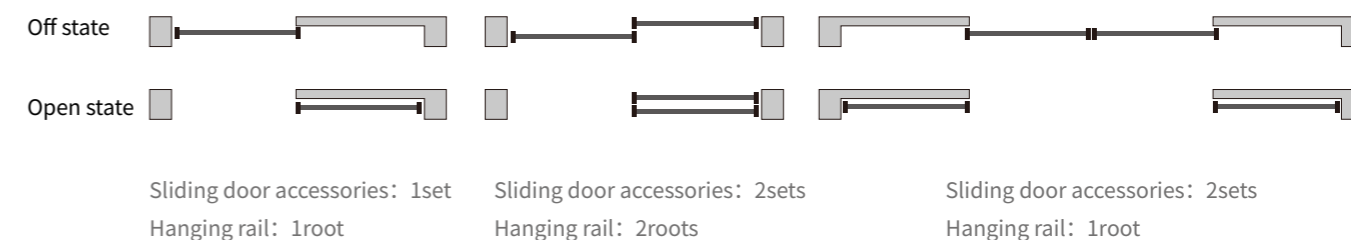
Top mounted (Surface mounted)

Top mounted (Concealed)

Side mounting

Door bottom guide installation dimension drawing

Common configuration type



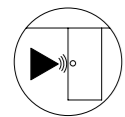
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Aluminum Narrow Buffer Sliding Door Accessories	KYN8110HN	1Set	
Hanging rail	KYN91013	1root	
Sliding door handle	KLS94504	1pair	Select accessories (See P341)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

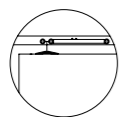
Aluminum narrow Buffer Sliding Door Accessories KYN8210HD

Applicable door weigh 80Kg

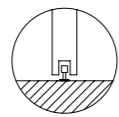
Sliding door function diagram



Buffer Sliding Door



Built-in



Door bottom guide

Technical Parameters

Door weight	≤80Kg
Door thicknes	35、40、45mm
Door width	≥570mm
Door height	≤2400mm
Height adjustment	±3mm
Buffer type	single Two-way buffering

Main Material

Hanging wheel main body	Zinc alloy
Adjustable mounting	Aluminum alloy
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy



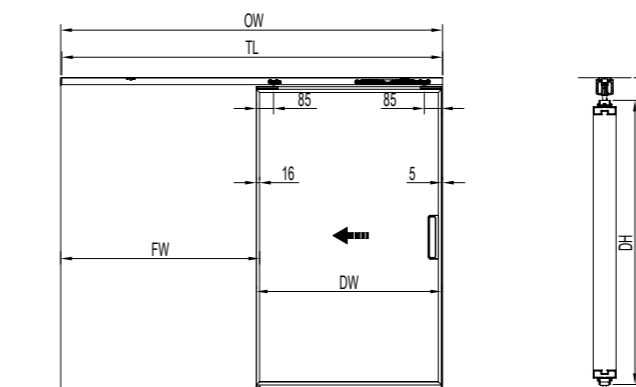
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8210HD	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91013			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



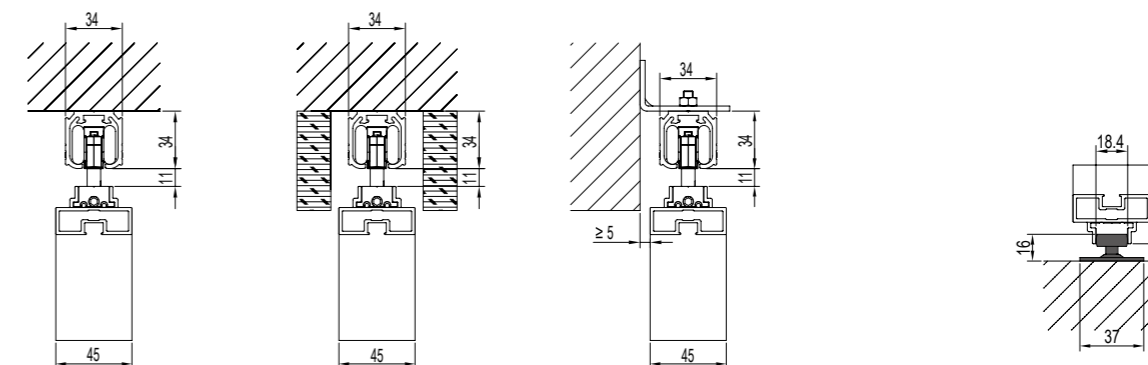
Size explanation

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-55
FW=OW/2+16
DW=FW-21
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



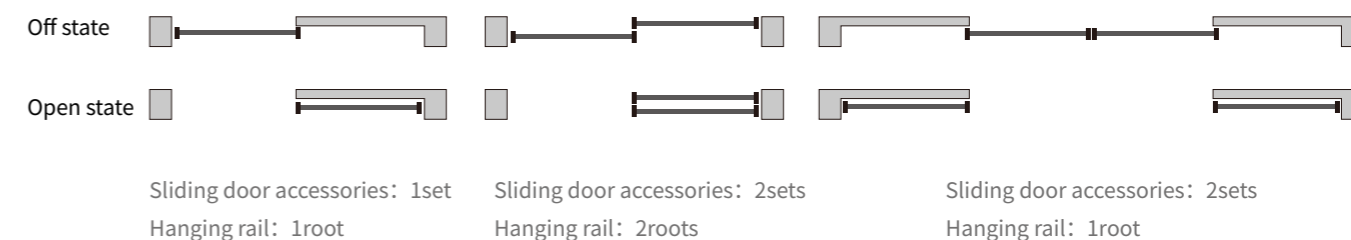
Top mounted (Surface mounted)

Top mounted (Concealed)

Side mounting

Door bottom guide installation dimension drawing

Common configuration type



Product Configuration Table (Single door)

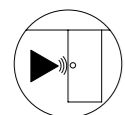
Accessory name	Model	Quantity	remark
Aluminum Narrow Buffer Sliding Door Accessories	KYN8210HD	1Set	
Hanging rail	KYN91013	1root	
Sliding door handle	KLS94504	1pair	Select accessories (See P341)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

Aluminum narrow Buffer Sliding Door Accessories KYN6310HD

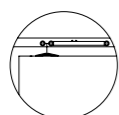


Applicable door weigh 80-100Kg

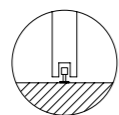
Sliding door function diagram



Buffer Sliding Door



Built-in



Door bottom guide



Technical Parameters

Door weight	≤80-100Kg
Door thickness	35、40、45mm
Door width	≥600mm
Door height	≤2500mm
Height adjustment	±3mm
Buffer type	single Two-way buffering

Main Material

Hanging wheel main body	High strength engineering plastics
Adjustable mounting	Aluminum alloy
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy

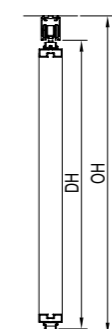
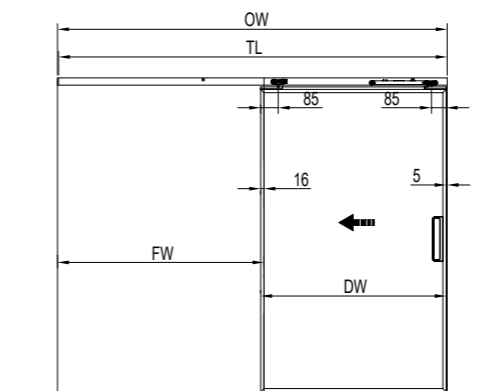
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN6310HD	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91003			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



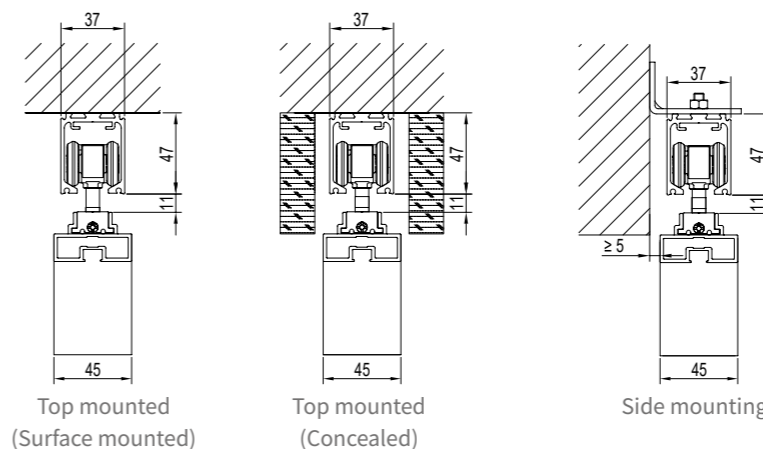
Size explanation

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

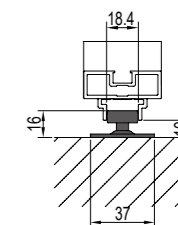
Calculation formula

$DH=OH-68$
$FW=OW/2+16$
$DW=FW-21$
$TL=OW-5$

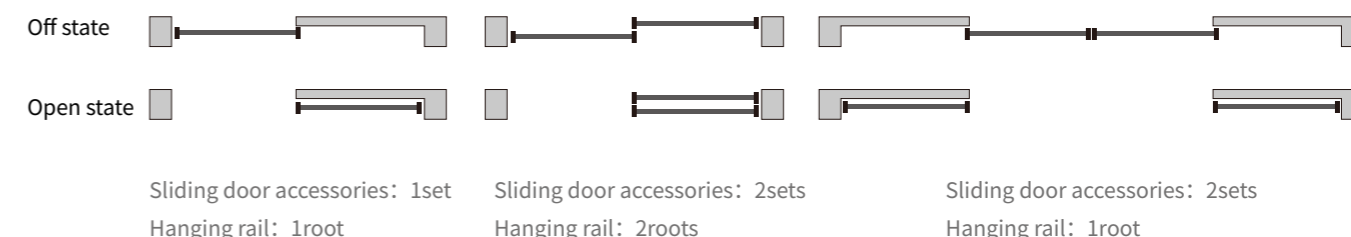
Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing



Common configuration type



Product Configuration Table (Single door)

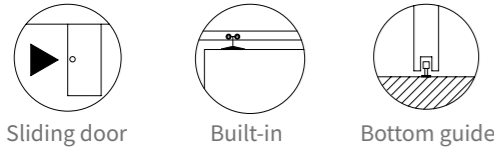
Accessory name	Model	Quantity	remark
Aluminum Narrow Buffer Sliding Door Accessories	KYN6310HD	1Set	
Hanging rail	KYN91003	1root	
Sliding door handle	KLS94504	1pair	Select accessories (See P341)
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Aluminum narrow Frame Sliding Door Accessories KYN8110D

Applicable door weight 60Kg



Sliding door function diagram



Technical Parameters

- Door weight ≤60Kg
- Door thickness 35、40、45mm
- Door height ≤2300mm
- Height adjustment ±3mm

Main Material

- Hanging wheel main body High strength engineering plastics
- Adjustable mounting Aluminum alloy
- Door bottom guide Stainless Steel + Nylon
- Hanging rail Aluminum alloy



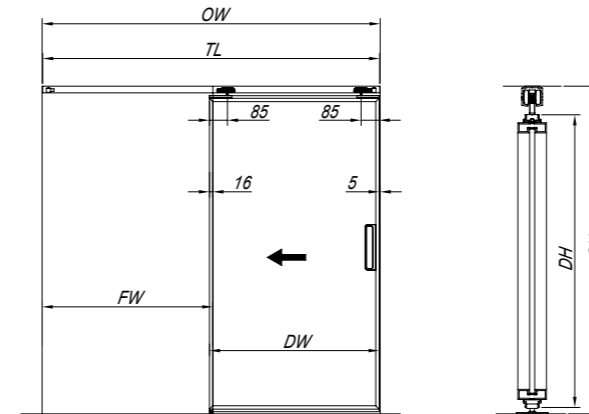
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8110D	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



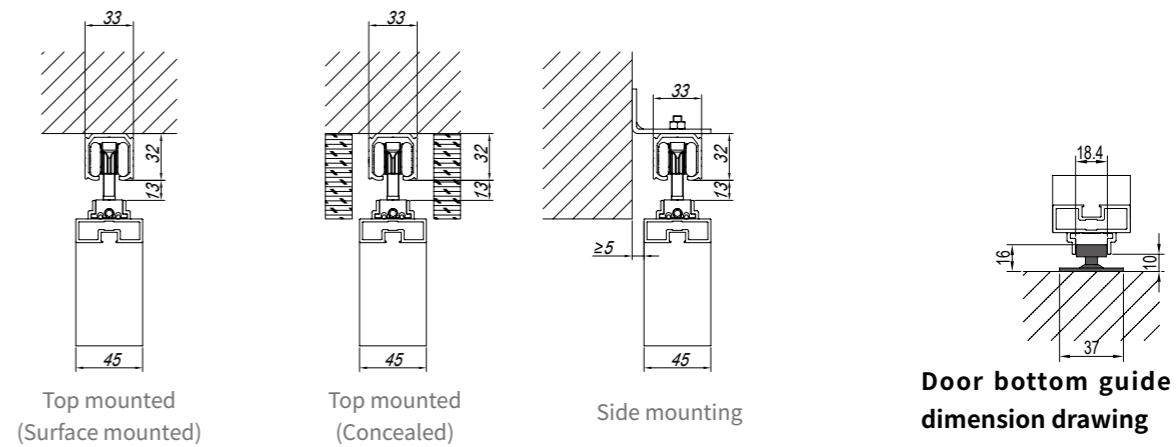
Dimension definition

- Door sash width DW
- Door opening width OW
- Fixed sash width FW
- Door sash height DH
- Door opening height OH
- Hanging rail length TL

Calculation formula

- DH=OH-55
- FW=OW/2+16
- DW=FW-21
- TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

Common configuration type



Product Configuration Table (Single door)

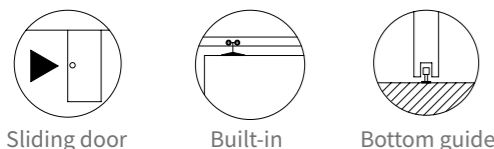
Accessory name	Model	Quantity	remark
Aluminum narrow frame sliding door accessories	KYN8110D	1Set	
Hanging rail	KYN91005	1root	
Sliding door handle	KLS94504	1pair	Select accessories (See P341)
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Aluminum narrow Frame Sliding Door Accessories KYN8210D

Applicable door weight 80Kg



Sliding door function diagram

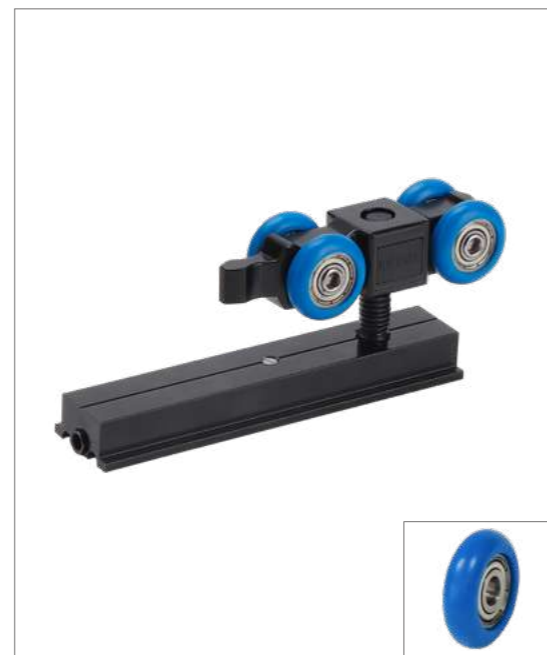


Technical Parameters

Door weight	≤80Kg
Door thickness	35、40、45mm
Door height	≤2400mm
Height adjustment	±3mm

Main Material

Hanging wheel main body	Zinc alloy
Adjustable mounting	Aluminum alloy
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy



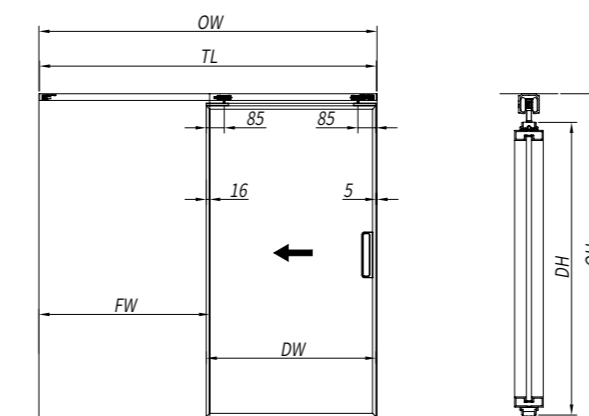
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8210D	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



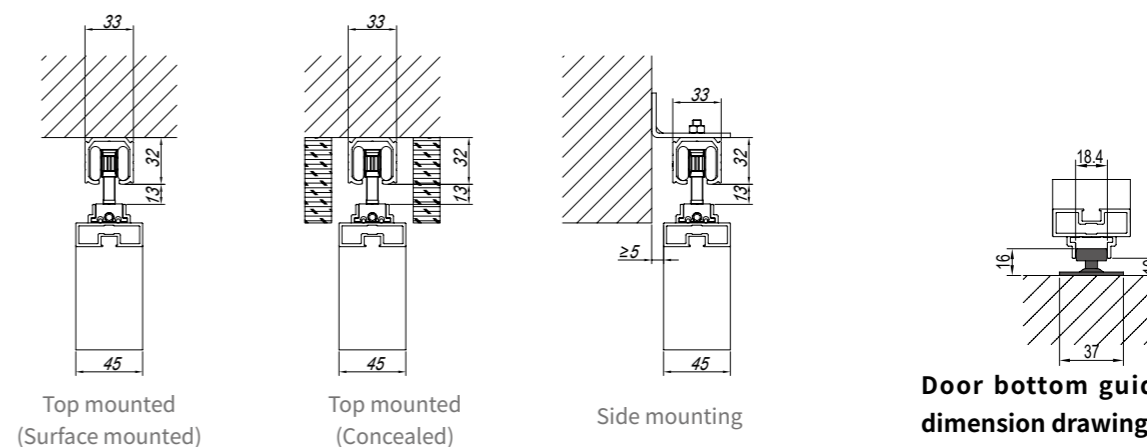
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

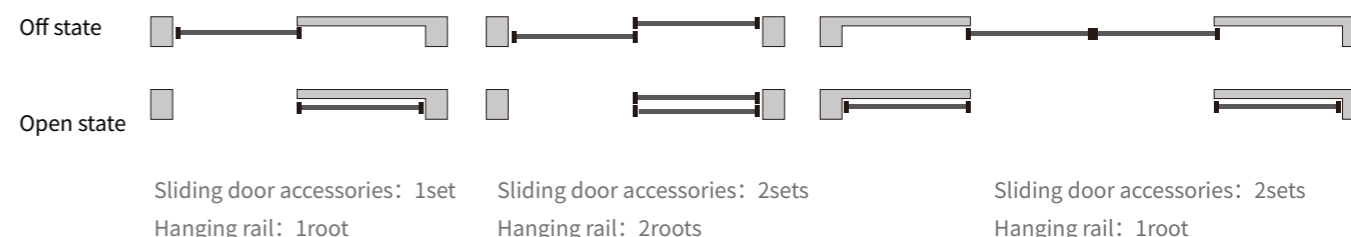
Calculation formula

DH=OH-55
FW=OW/2+16
DW=FW-21
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Common configuration type



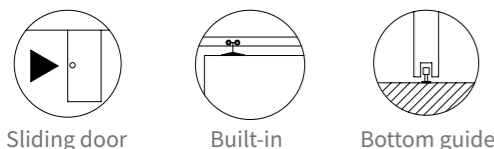
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Aluminum narrow frame sliding door accessories	KYN8220D	1Set	
Hanging rail	KYN91005	1root	
Sliding door handle	KLS94504	1pair	Select accessories (See P341)
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Aluminum narrow Frame Sliding Door Accessories KYN8310D NEW

Applicable door weight 100Kg

Sliding door function diagram



Sliding door Built-in Bottom guide

Technical Parameters

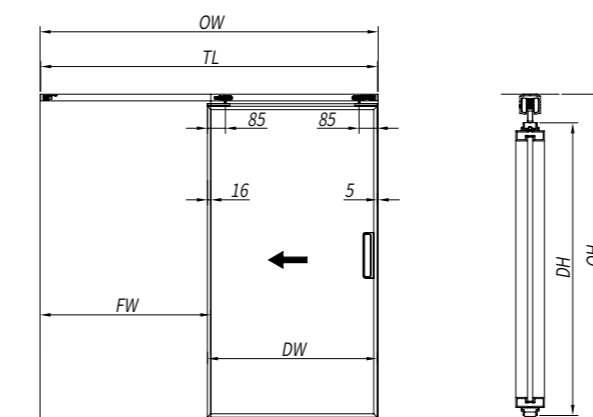
- Door weight ≤100Kg
- Door thickness 35、40、45mm
- Door height ≤2500mm
- Height adjustment ±3mm

Main Material

- Hanging wheel main body Zinc alloy
- Adjustable mounting Aluminum alloy
- Door bottom guide Stainless Steel + Nylon
- Hanging rail Aluminum alloy

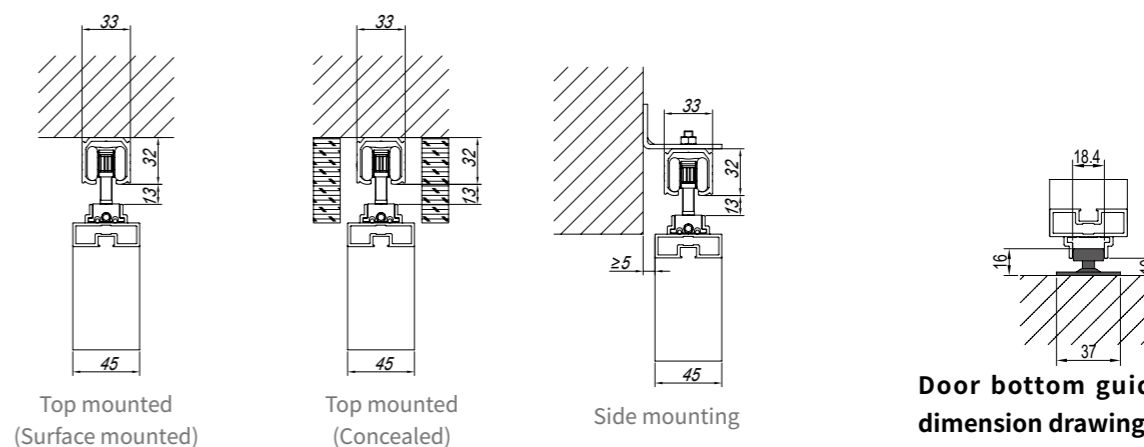


Installation diagram



Dimension definition		Calculation formula
Door sash width	DW	DH=OH-55
Door opening width	OW	FW=OW/2+16
Fixed sash width	FW	DW=FW-21
Door sash height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

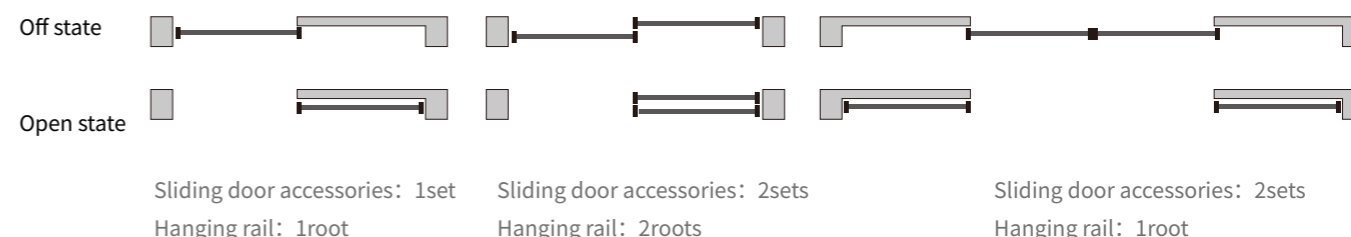
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8310D	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Common configuration type



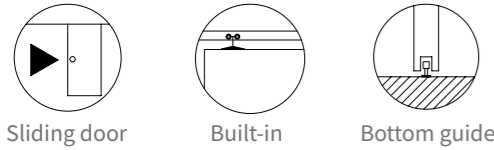
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Aluminum narrow frame sliding door accessories	KYN8310D	1Set	
Hanging rail	KYN91005	1root	
Sliding door handle	KLS94504	1pair	Select accessories (See P341)
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Aluminum narrow Frame Sliding Door Accessories KYN8410D NEW

Applicable door weight 120Kg

Sliding door function diagram



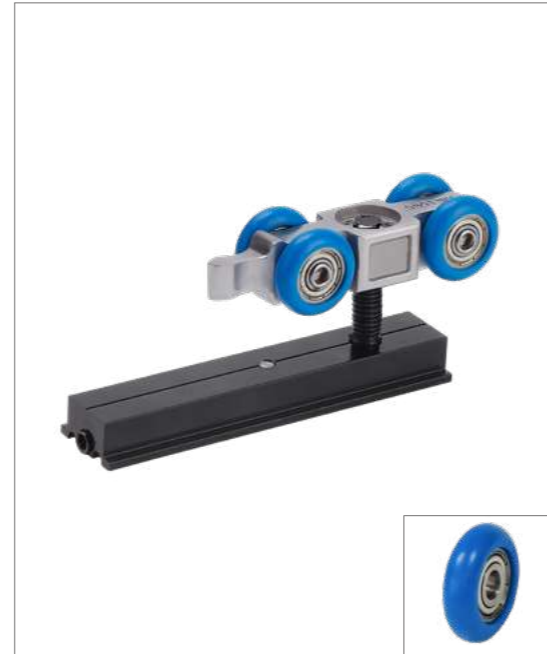
Sliding door Built-in Bottom guide

Technical Parameters

Door weight	≤120Kg
Door thickness	35、40、45mm
Door height	≤2600mm
Height adjustment	±3mm

Main Material

Hanging wheel main body	304 stainless steel
Adjustable mounting	Aluminum alloy
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy



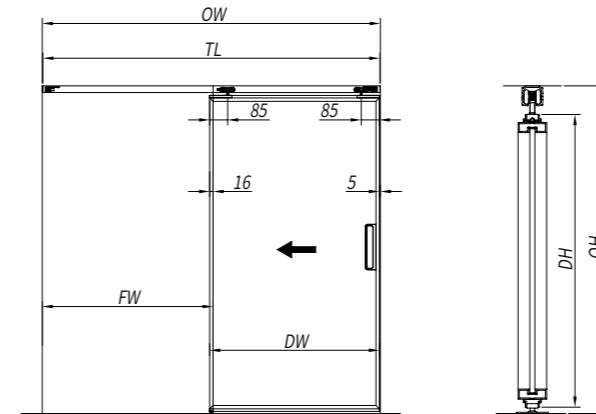
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8410D	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



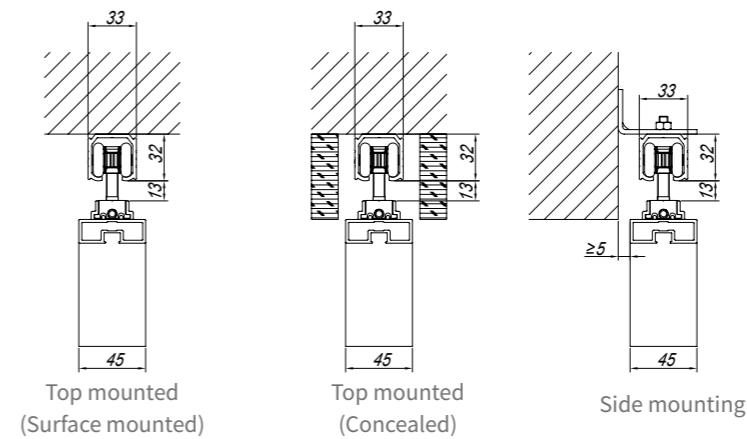
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

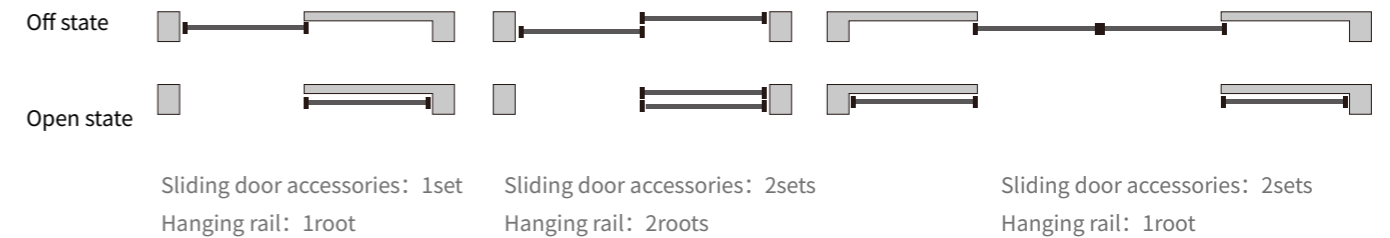
DH=OH-55
FW=OW/2+16
DW=FW-21
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

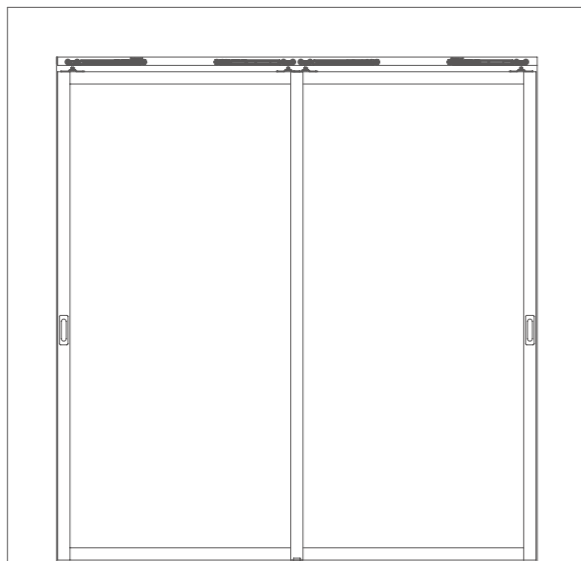
Common configuration type



Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Aluminum narrow frame sliding door accessories	KYN8410D	1Set	
Hanging rail	KYN91005	1root	
Sliding door handle	KLS94504	1pair	Select accessories (See P341)
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Wood Sliding Door Accessories



Sliding door

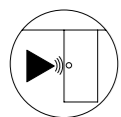
Sliding door

Wood Buffer Sliding Door Accessories KYN8110HA

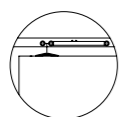


Applicable door weigh 60Kg

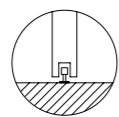
Sliding door function diagram



Buffer Sliding Door



Built-in



Door bottom guide

Technical Parameters

Door weight	≤60Kg
Applicable door thickness	≥30mm
Applicable door width	≥520mm
Applicable door height	≤2300mm
Height adjustment	±3mm
Buffer type	Two-way buffering

Main Material

Hanging wheel main body	Zinc alloy
Side mounting bracket	Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	Nylon
Hanging rail	Aluminum alloy



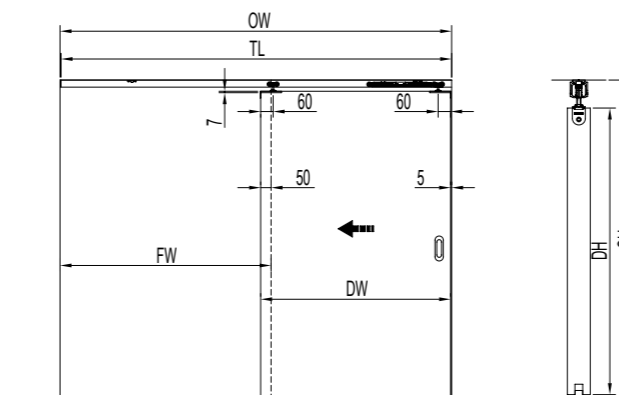
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8110HA	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91013			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



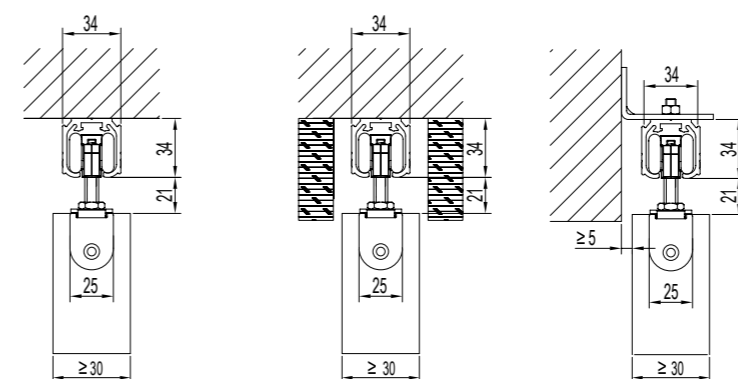
Size explanation

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-65(Slotted installation)
DH=OH-72(Unslotted installation)
FW=OW/2+50
DW=FW-55
TL=OW-5

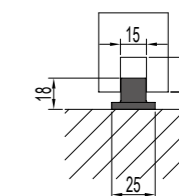
Installation Diagram for Hanging Rail and Hanging Wheel



Top mounted (Surface mounted)

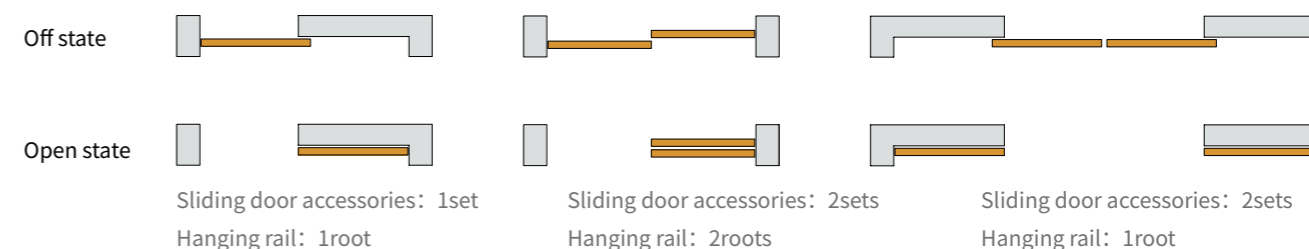
Top mounted (Concealed)

Side mounting



Door bottom guide installation dimension drawing

Common configuration type



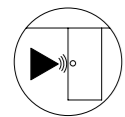
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8110HA	1Set	
Hanging rail	KYN91013	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

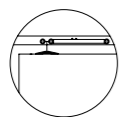
Wood Buffer Sliding Door Accessories KYN8210HA

Applicable door weigh 80Kg

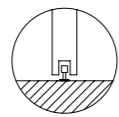
Sliding door function diagram



Buffer Sliding Door



Built-in



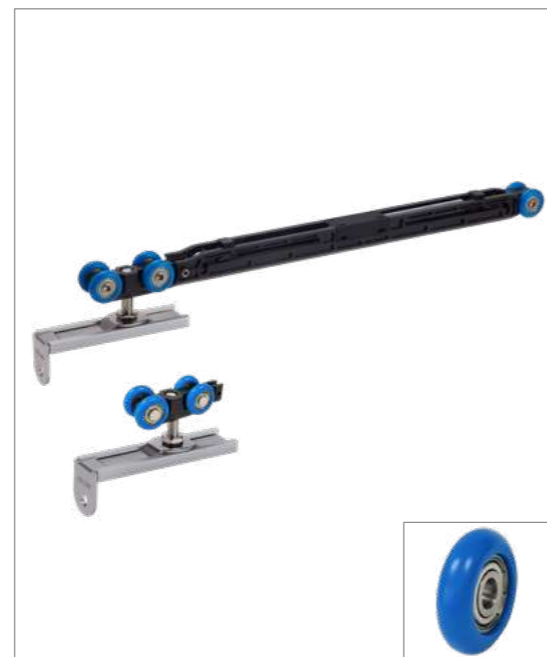
Door bottom guide

Technical Parameters

Door weight	≤80Kg
Applicable door thickness	≥30mm
Applicable door width	≥520mm
Applicable door height	≤2400mm
Height adjustment	±3mm
Buffer type	Two-way buffering

Main Material

Hanging wheel main body	Zinc alloy
Side mounting bracket	Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	Nylon
Hanging rail	Aluminum alloy



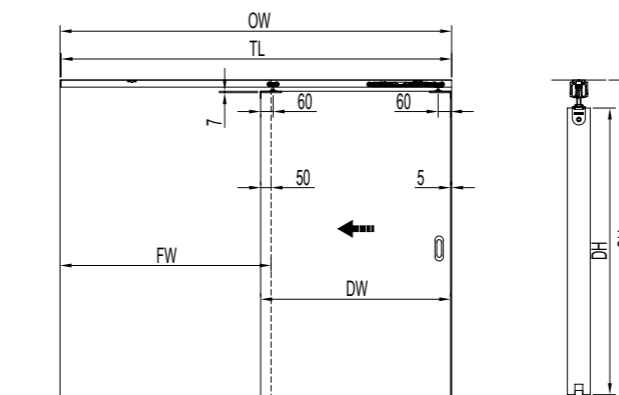
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8210HA	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91013			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



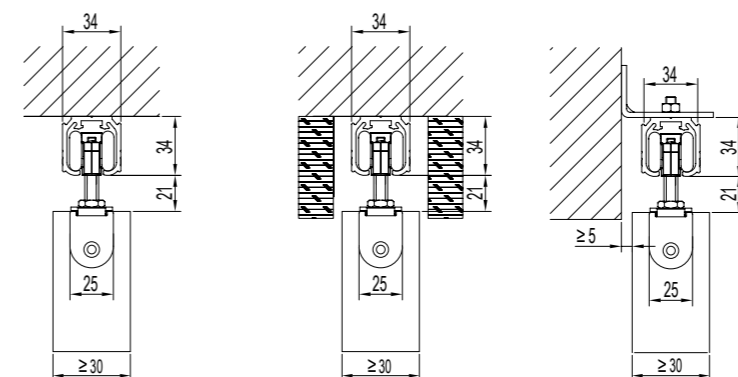
Size explanation

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-65(Slotted installation)
DH=OH-72(Unslotted installation)
FW=OW/2+50
DW=FW-55
TL=OW-5

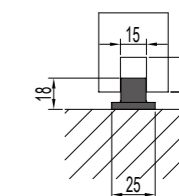
Installation Diagram for Hanging Rail and Hanging Wheel



Top mounted (Surface mounted)

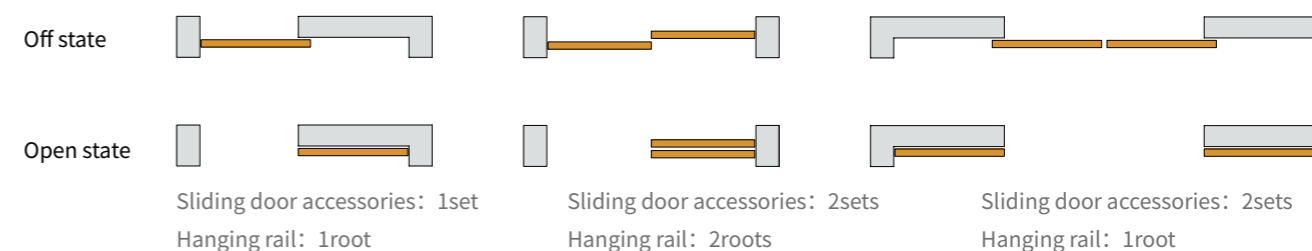
Top mounted (Concealed)

Side mounting



Door bottom guide installation dimension drawing

Common configuration type



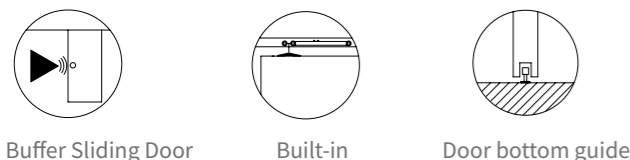
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8210HA	1Set	
Hanging rail	KYN91013	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

Wood Buffer Sliding Door Accessories KYN6310HA NEW

Applicable door weigh 80-100Kg

Sliding door function diagram



Buffer Sliding Door Built-in Door bottom guide

Technical Parameters

Door weight	≤80-100Kg
Applicable door thickness	≥30mm
Applicable door width	≥600mm
Applicable door height	≤2500mm
Height adjustment	±3mm
Buffer type	Two-way buffering

Main Material

Hanging wheel main body	High strength engineering plastics
Side mounting bracket	Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy



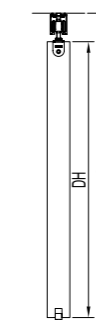
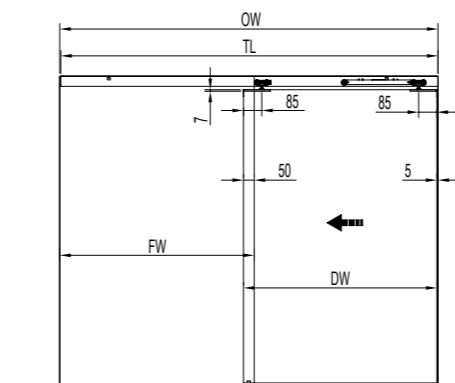
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN6310HA	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91003			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



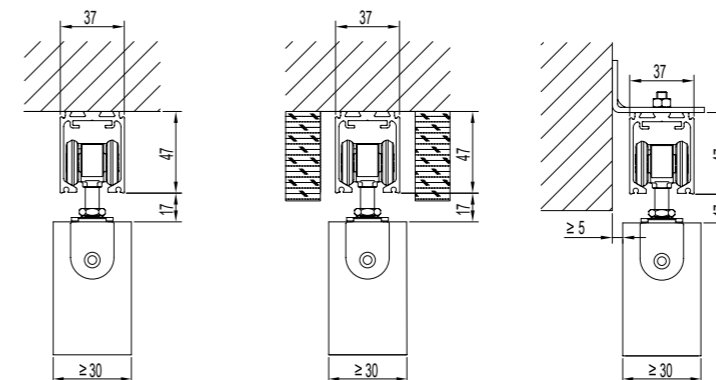
Size explanation

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

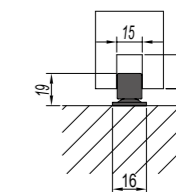
Calculation formula

DH=OH-74(Slotted installation)
DH=OH-81(Unslotted installation)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel

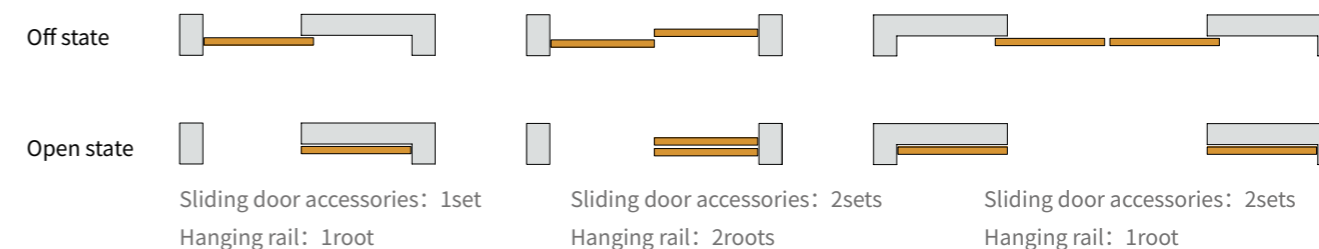


Top mounted (Surface mounted) Top mounted (Concealed) Side mounting



Door bottom guide installation dimension drawing

Common configuration type



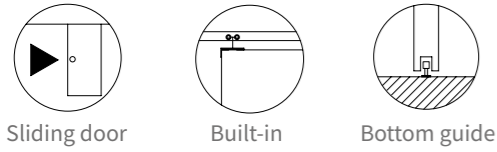
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN6310HA	1Set	
Hanging rail	KYN91003	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

Wood Frame Sliding Door Accessories KYN8110A

Applicable door weight 60Kg

Sliding door function diagram



Sliding door Built-in Bottom guide

Technical Parameters

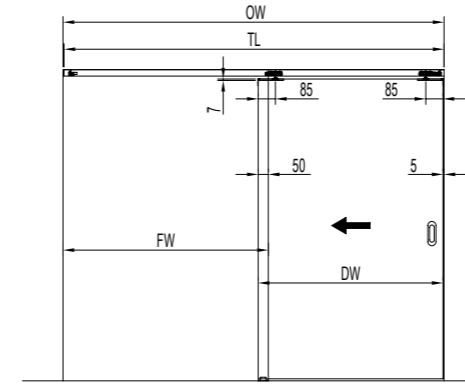
Door weight	≤60Kg
Door thickness	≥30mm
Door height	≤2300mm
Height adjustment	±3mm

Main Material

Hanging wheel main body	High strength engineering plastics
Side mounting bracket	Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	Nylon
Hanging rail	Aluminum alloy



Installation diagram



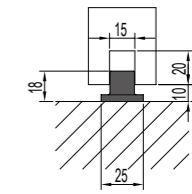
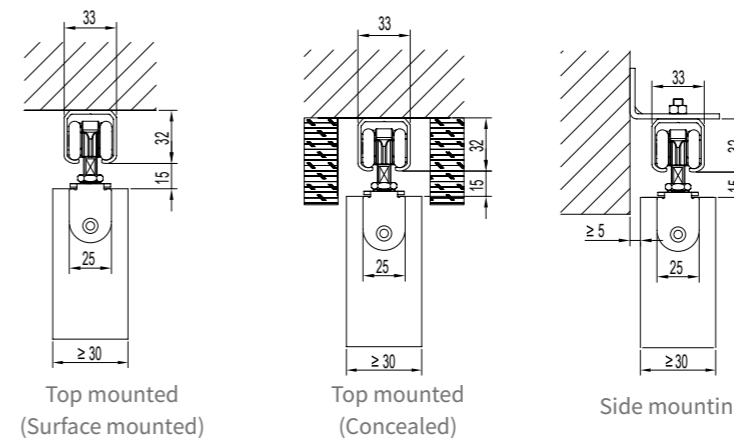
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-57(Slotted installation)
DH=OH-64 (Unslotted installation)
FW=OW/2+50
DW= FW-55
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

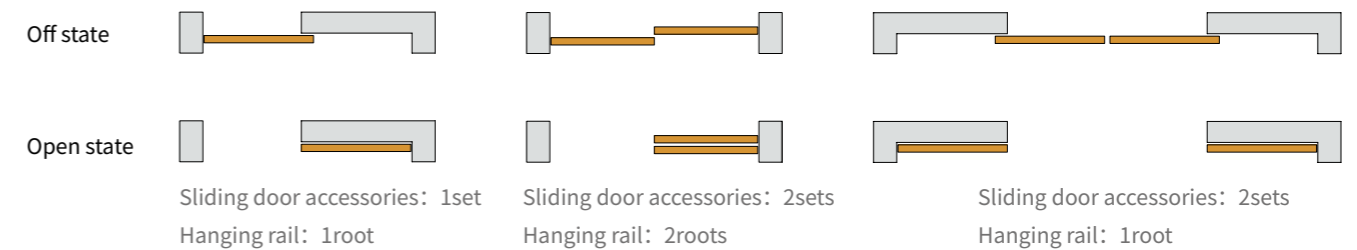
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8110A	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Common configuration type



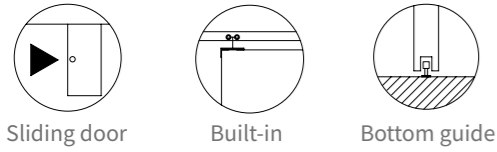
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8110A	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

Wood Frame Sliding Door Accessories KYN8210A

Applicable door weight 80Kg

Sliding door function diagram

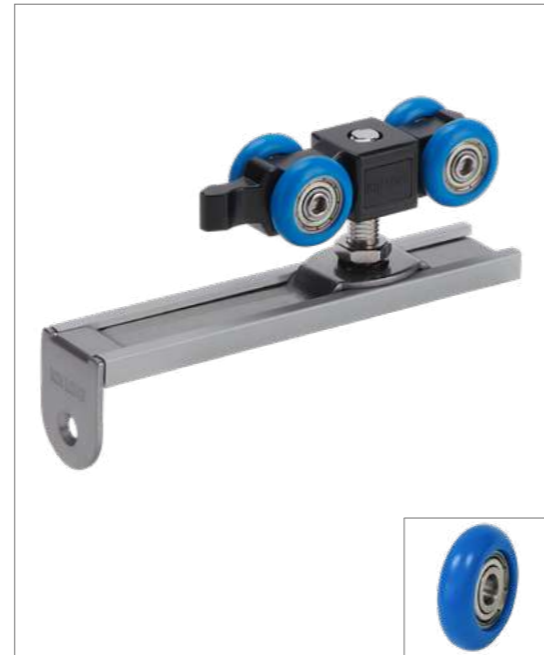


Technical Parameters

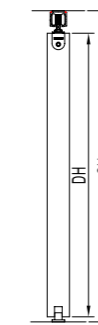
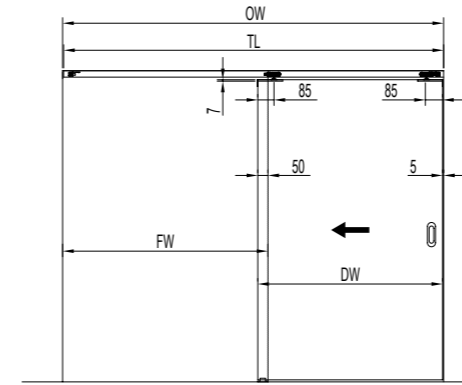
Door weight	≤80Kg
Door thickness	≥30mm
Door height	≤2400mm
Height adjustment	±3mm

Main Material

Hanging wheel main body	Zinc alloy
Side mounting bracket	Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	Nylon
Hanging rail	Aluminum alloy



Installation diagram



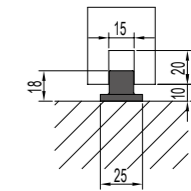
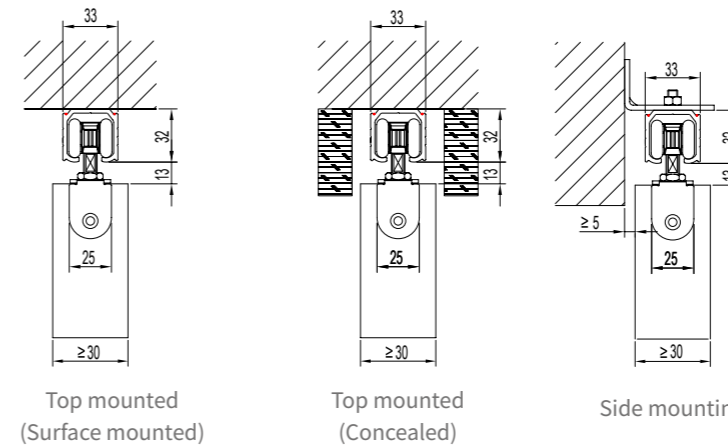
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-55(Slotted installation)
DH=OH-62(Unslotted installation)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

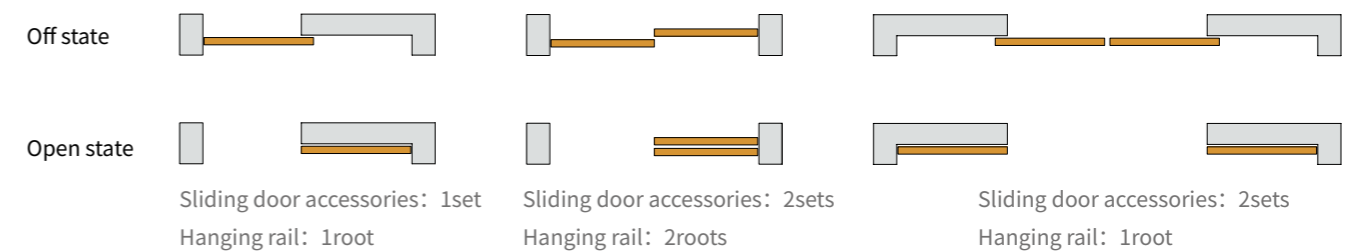
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8210A	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf. The length is calculated according to the width of the door opening and needs to be ordered separately.

Common configuration type



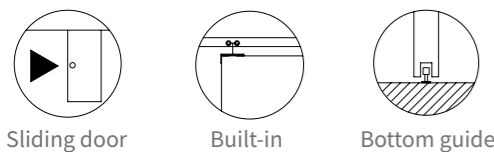
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8210A	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Wood Frame Sliding Door Accessories KYN8310A

Applicable door weight 100Kg

Sliding door function diagram



Sliding door Built-in Bottom guide

Technical Parameters

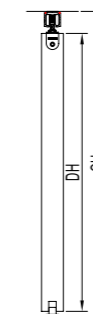
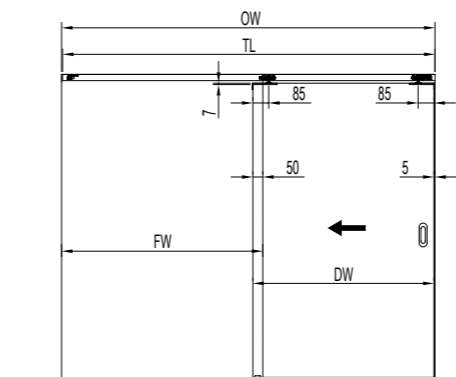
Door weight	≤100Kg
Door thickness	≥30mm
Door height	≤2500mm
Height adjustment	±3mm

Main Material

Hanging wheel main body	Zinc alloy
Side mounting bracket	Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	304 stainless steel+Nylon
Hanging rail	Aluminum alloy



Installation diagram



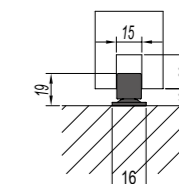
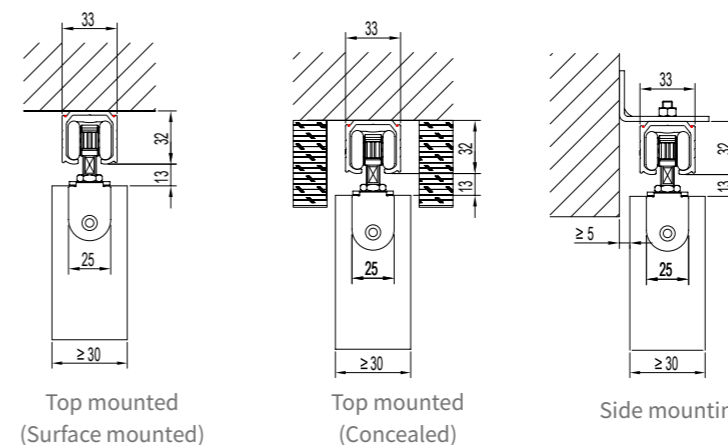
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-55(Slotted installation)
DH=OH-62(Unslotted installation)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

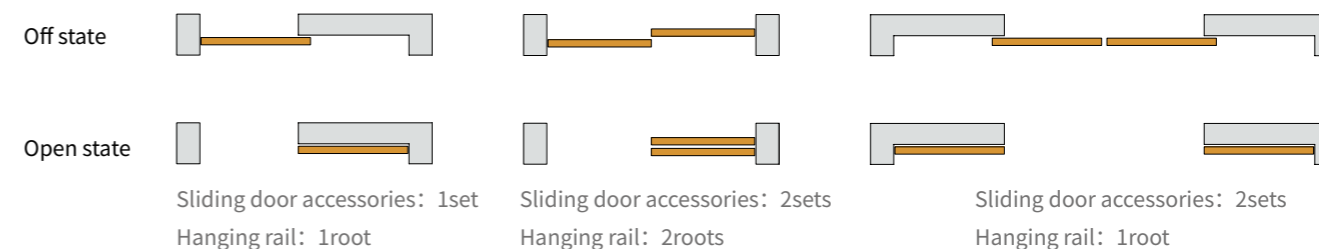
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8310A	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf. The length is calculated according to the width of the door opening and needs to be ordered separately.

Common configuration type



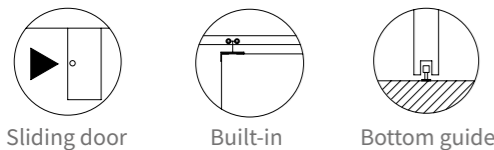
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8310A	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

Wood Frame Sliding Door Accessories KYN8410A

Applicable door weight 120Kg

Sliding door function diagram



Technical Parameters

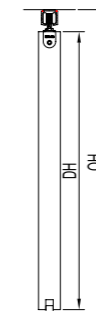
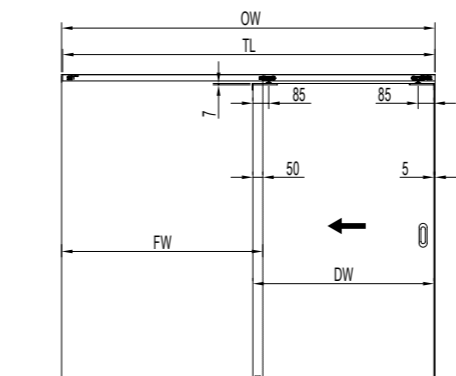
Door weight	≤120Kg
Door thickness	≥30mm
Door height	≤2600mm
Height adjustment	±3mm

Main Material

Hanging wheel main body	304 stainless steel
Side mounting bracket	Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	304 stainless steel+Nylon
Hanging rail	Aluminum alloy



Installation diagram



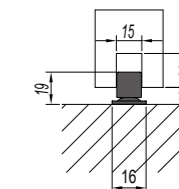
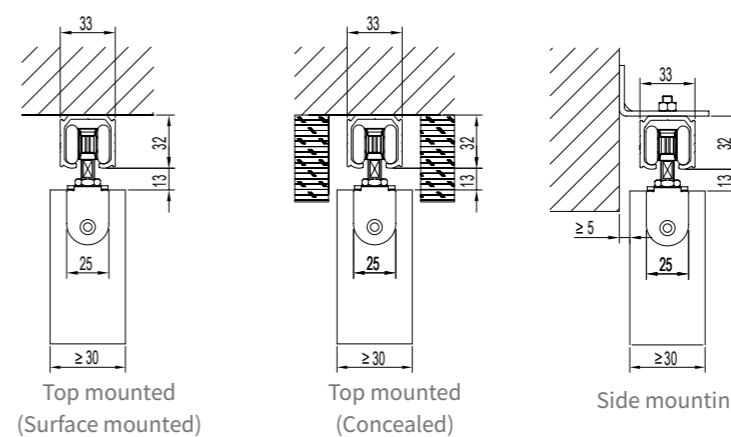
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-55(Slotted installation)
DH=OH-62(Unslotted installation)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

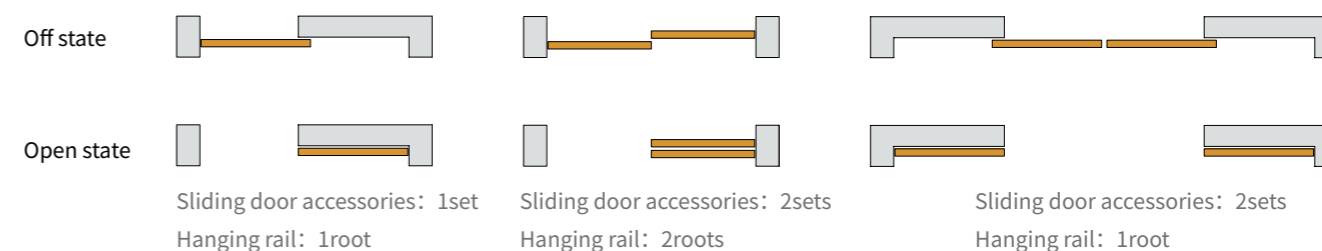
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8410A	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Common configuration type



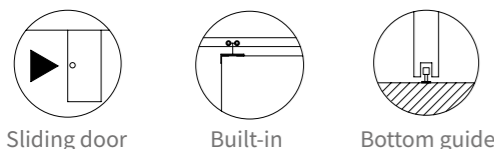
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8410A	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

Wood Frame Sliding Door Accessories KYN55010

Applicable door weight 150Kg

Sliding door function diagram



Technical Parameters

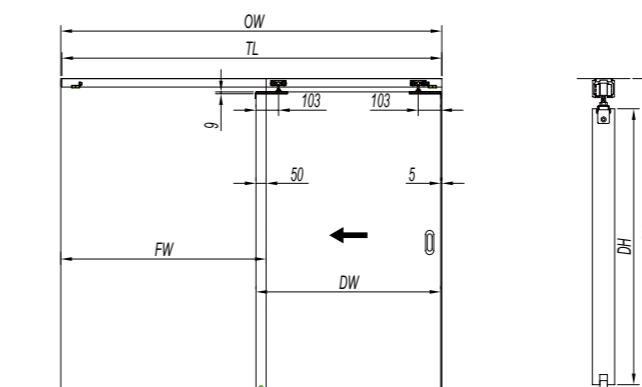
Door weight	≤150Kg
Door thickness	≥35mm
Door height	≤2700mm
Height adjustment	±5mm

Main Material

Hanging wheel main body	Aluminum alloy
Side mounting bracket	304 Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	304 stainless steel+Nylon
Hanging rail	Aluminum alloy



Installation diagram



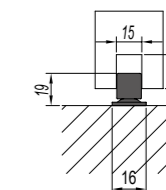
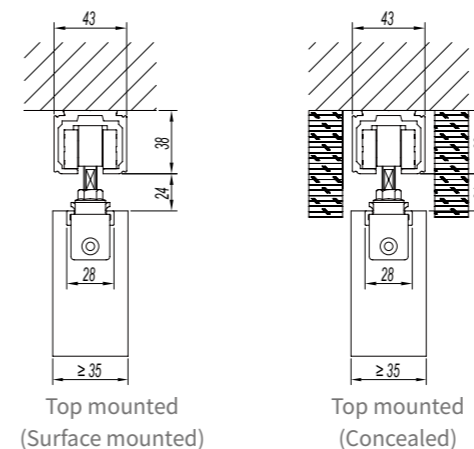
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-72(Slotted installation)
DH=OH-81(Unslotted installation)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

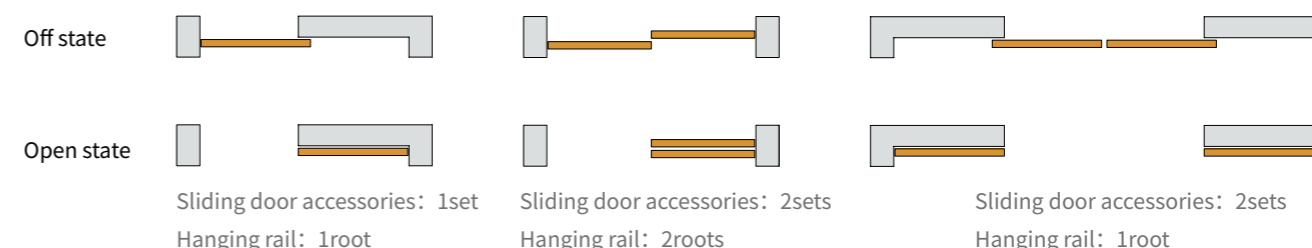
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN55010	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN52501			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Common configuration type



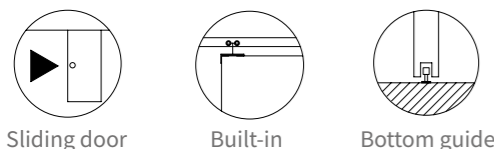
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN55010	1Set	
Hanging rail	KYN52501	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)

Wood Frame Sliding Door Accessories KYN57010

Applicable door weight 200Kg

Sliding door function diagram



Technical Parameters

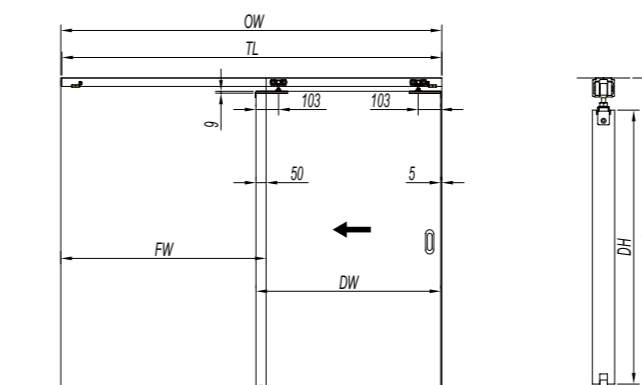
Door weight	≤200Kg
Door thickness	≥35mm
Door height	≤2700mm
Height adjustment	±5mm

Main Material

Hanging wheel main body	Aluminum alloy
Side mounting bracket	304 Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	304 stainless steel+Nylon
Hanging rail	Aluminum alloy



Installation diagram



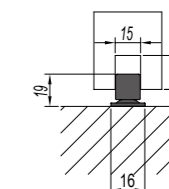
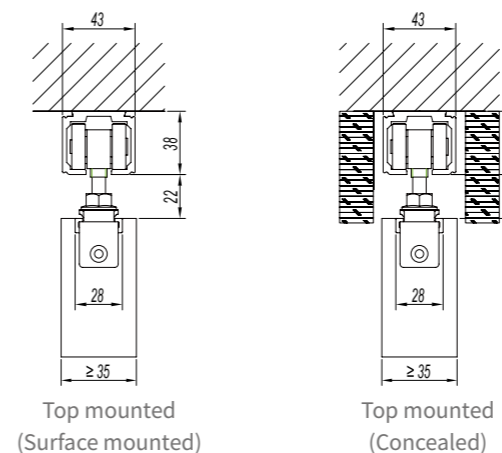
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-70(Slotted installation)
DH=OH-79(Unslotted installation)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

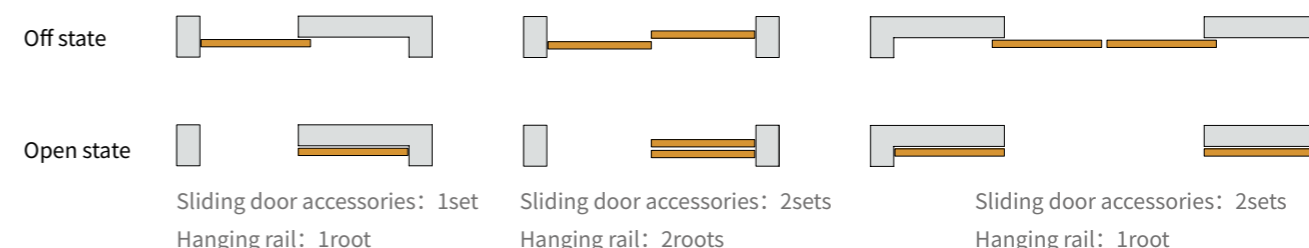
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN57010	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN52501			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Common configuration type



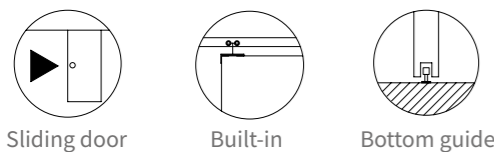
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN57010	1Set	
Hanging rail	KYN52501	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)

Wood Frame Sliding Door Accessories KYN59010

Applicable door weight 350Kg

Sliding door function diagram

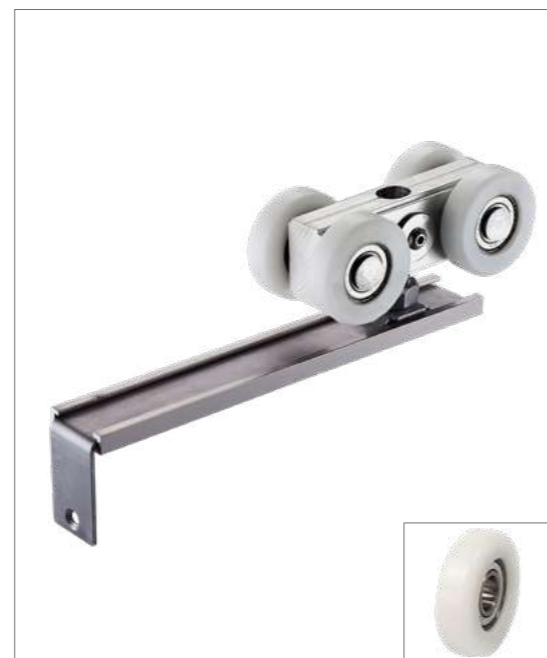


Technical Parameters

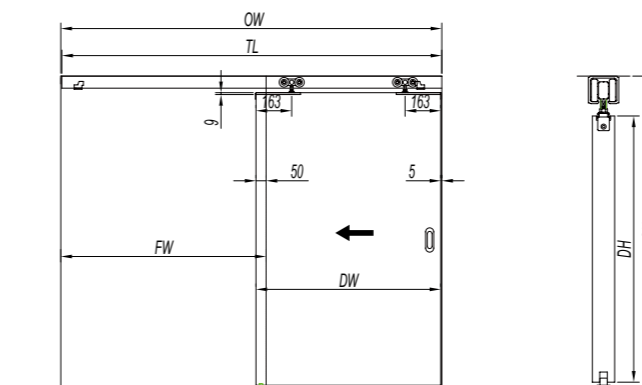
Door weight	≤350Kg
Door thickness	≥35mm
Door height	≤3000mm
Height adjustment	±5mm

Main Material

Hanging wheel main body	Aluminum alloy
Side mounting bracket	304 Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	304 stainless steel+Nylon
Hanging rail	Aluminum alloy



Installation diagram



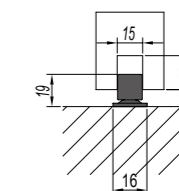
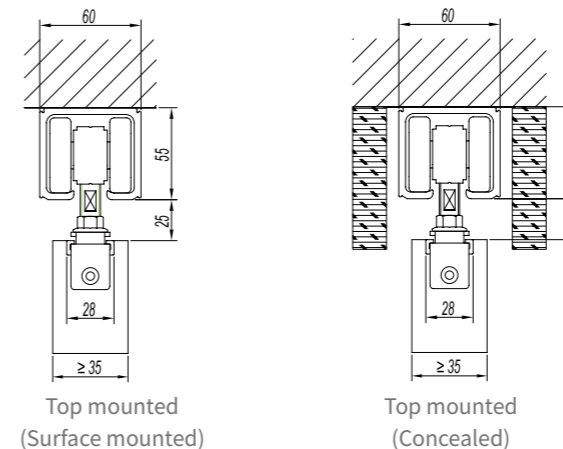
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

DH=OH-90(Slotted installation)
DH=OH-99(Unslotted installation)
FW=OW/2+50
DW=FW-55
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

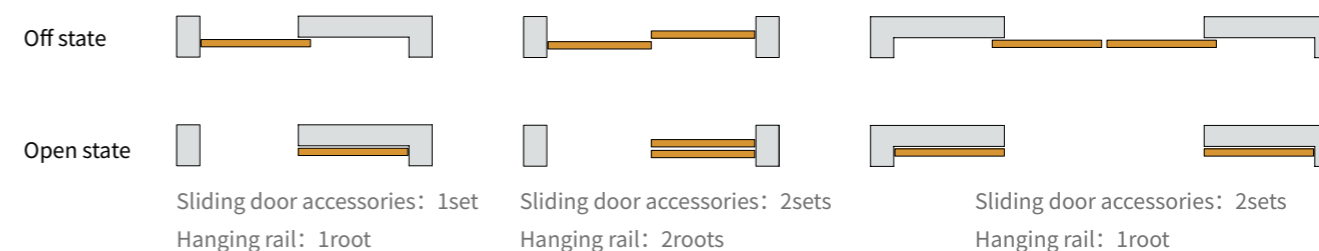
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN59010	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN51901			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

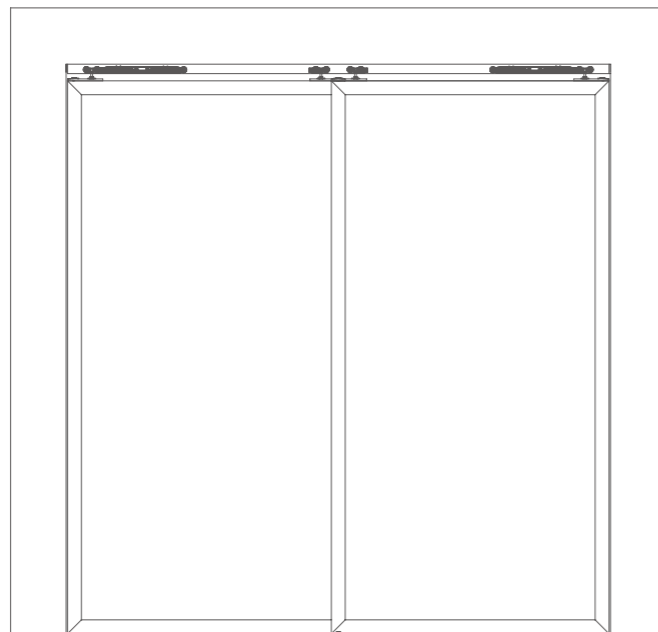
Common configuration type



Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN59010	1Set	
Hanging rail	KYN51901	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)

Metal Frame Sliding Door Accessories

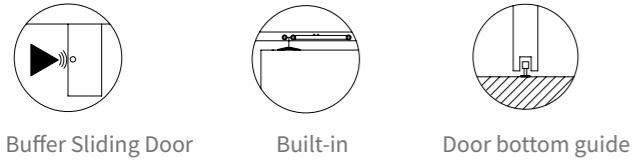


Metal Frame Buffer Sliding Door Accessories KYN8110HN



Applicable door weigh 60Kg

Sliding door function diagram



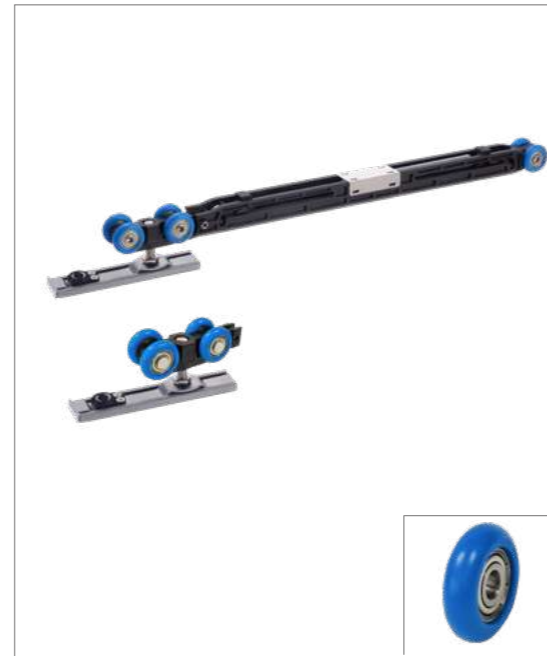
Buffer Sliding Door Built-in Door bottom guide

Technical Parameters

Door weight	≤60Kg
Applicable door thickness	≥30mm
Applicable door width	≥570mm
Applicable door height	≤2400mm
Height adjustment	±3mm
Buffer type	Two-way buffering

Main Material

Hanging wheel main body	Zinc alloy
Side mounting bracket	Stainless Steel
Fixed plate	Stainless Steel
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy



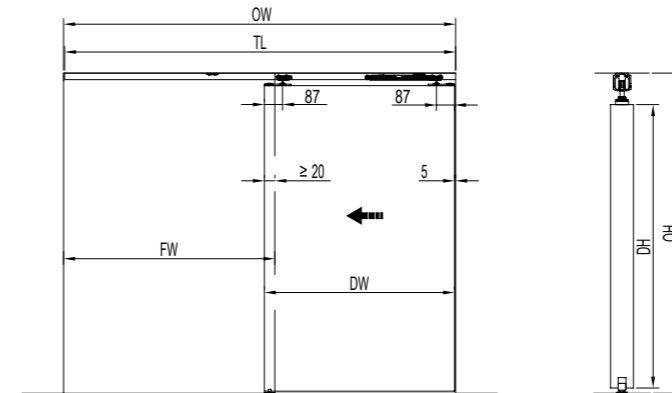
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8110HN	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91013			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



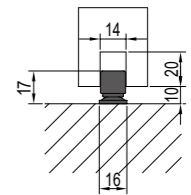
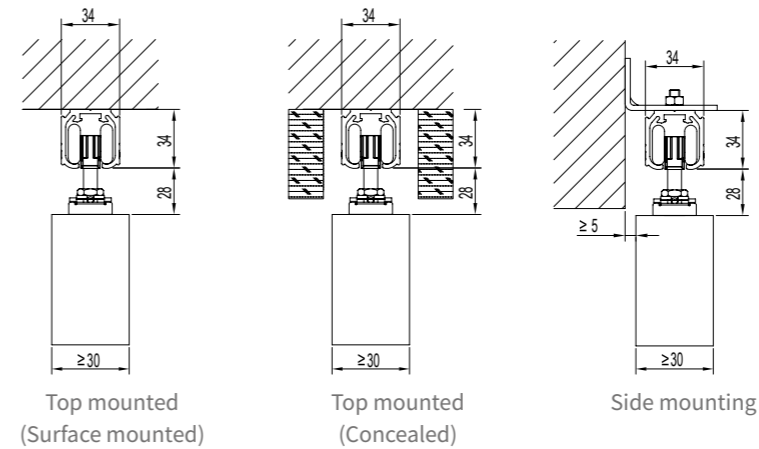
Size explanation

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

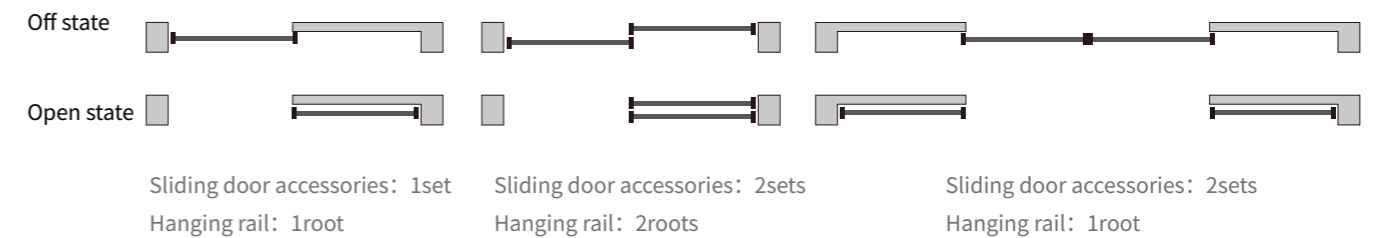
DH=OH-72
FW=OW/2+20
DW=FW-25
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

Common configuration type



Product Configuration Table (Single door)

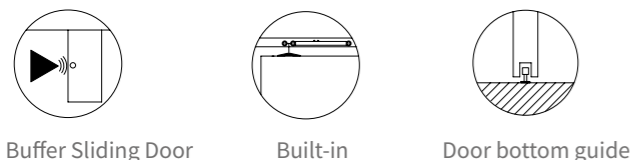
Accessory name	Model	Quantity	remark
Metal Frame Buffer Sliding Door Accessories	KYN8110HN	1Set	
Hanging rail	KYN91013	1root	
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

Metal Frame Buffer Sliding Door Accessories KYN8210HN



Applicable door weigh 80Kg

Sliding door function diagram



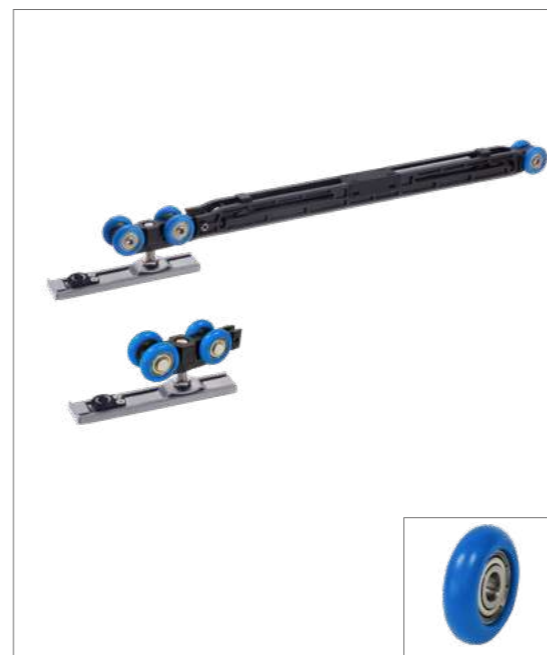
Buffer Sliding Door Built-in Door bottom guide

Technical Parameters

Door weight	≤80Kg
Applicable door thickness	≥30mm
Applicable door width	≥570mm
Applicable door height	≤2400mm
Height adjustment	±3mm
Buffer type	Two-way buffering

Main Material

Hanging wheel main body	Zinc alloy
Side mounting bracket	Stainless Steel
Fixed plate	Stainless Steel
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy



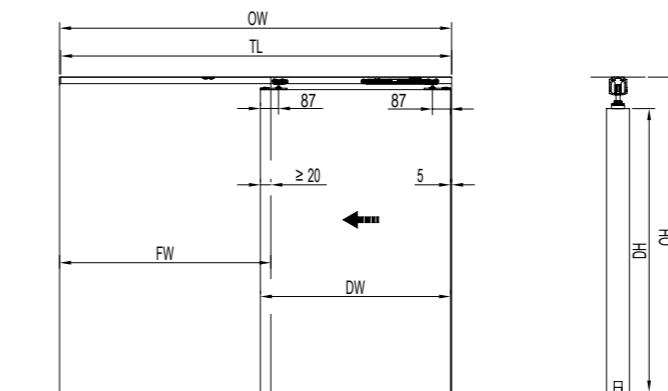
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8210HN	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91013			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



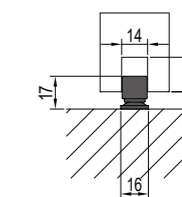
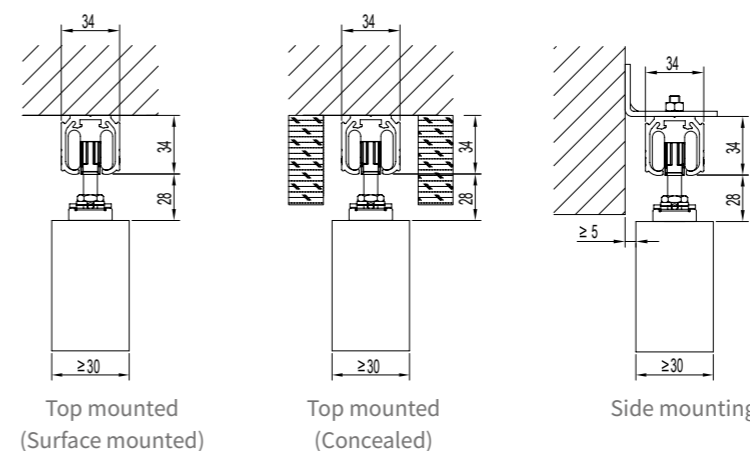
Size explanation

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

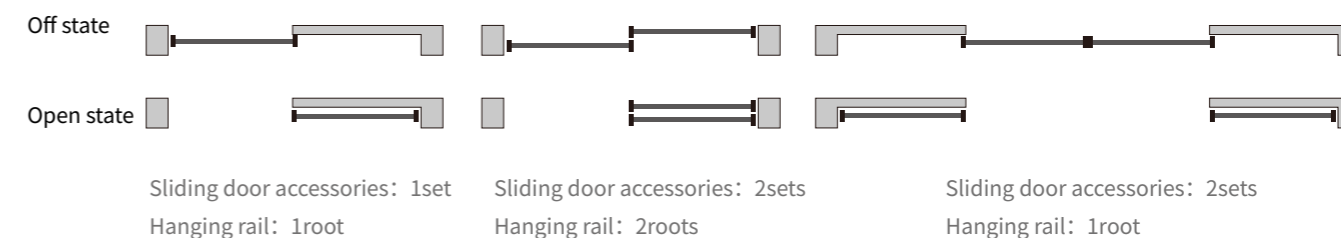
DH=OH-72
FW=OW/2+20
DW=FW-25
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

Common configuration type



Product Configuration Table (Single door)

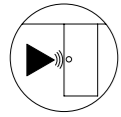
Accessory name	Model	Quantity	remark
Metal Frame Buffer Sliding Door Accessories	KYN8210HN	1Set	
Hanging rail	KYN91013	1root	
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Metal Frame Buffer Sliding Door Accessories KYN6310HN

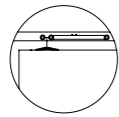


Applicable door weigh 80-100Kg

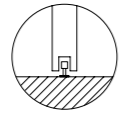
Sliding door function diagram



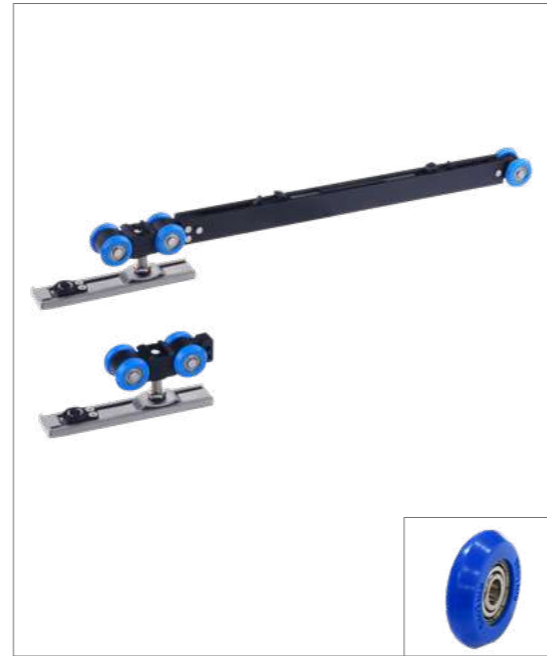
Buffer Sliding Door



Built-in



Door bottom guide



Technical Parameters

Door weight	≤80-100Kg
Applicable door thickness	≥30mm
Applicable door width	≥600mm
Applicable door height	≤2500mm
Height adjustment	±3mm
Buffer type	Two-way buffering

Main Material

Hanging wheel main body	Zinc alloy
Side mounting bracket	Stainless Steel
Fixed plate	Stainless Steel
Door bottom guide	Stainless Steel + Nylon
Hanging rail	Aluminum alloy

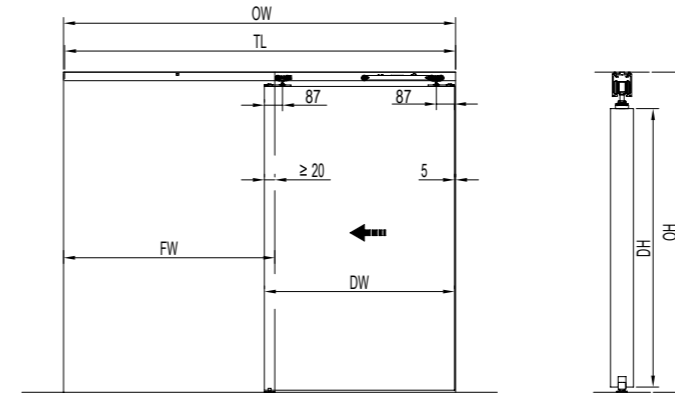
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN6310HN	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91003			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



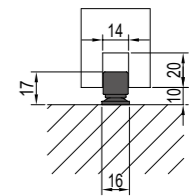
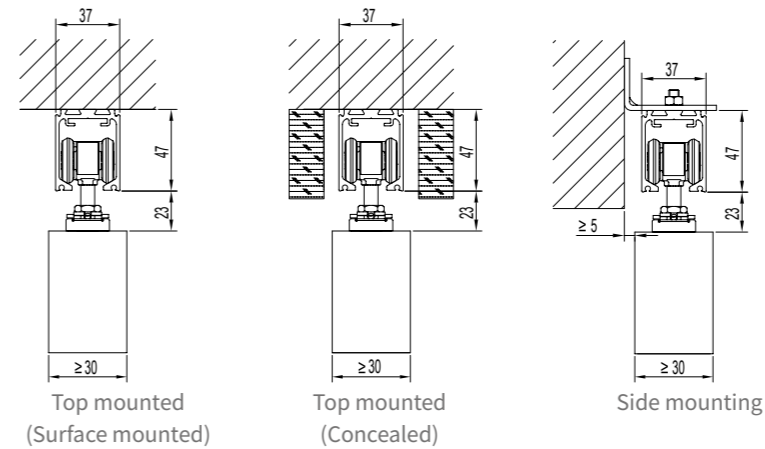
Size explanation

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

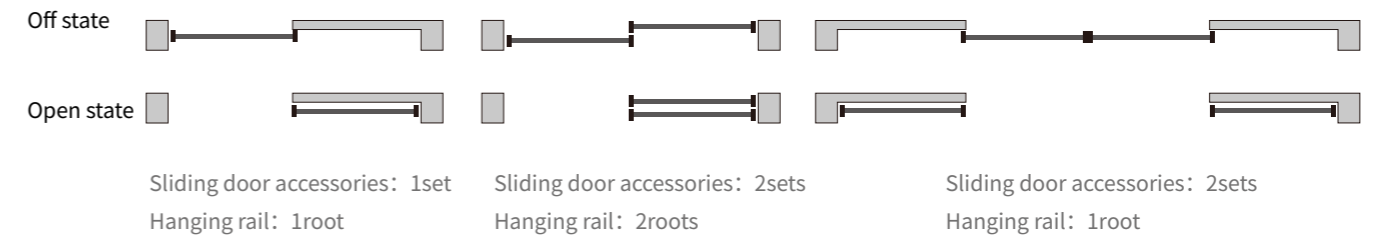
DH=OH-80
FW=OW/2+20
DW=FW-25
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

Common configuration type



Product Configuration Table (Single door)

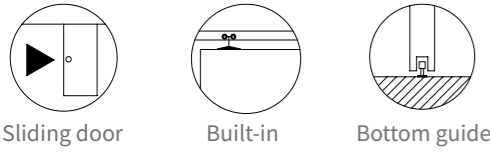
Accessory name	Model	Quantity	remark
Metal Frame Buffer Sliding Door Accessories	KYN6310HN	1Set	
Hanging rail	KYN91003	1root	
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Metal Frame Sliding Door Accessories KYN8110N

Applicable door weight 60Kg



Sliding door function diagram

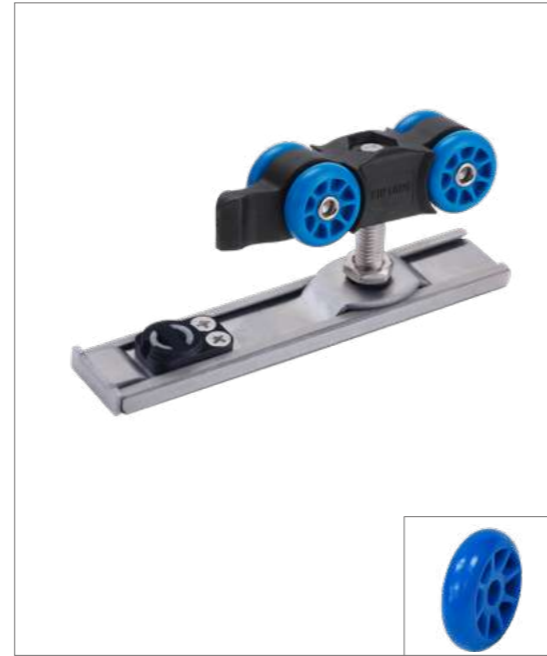


Technical Parameters

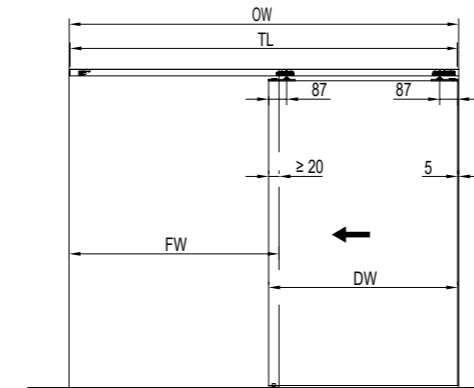
- Door weight ≤60Kg
- Door thickness ≥30mm
- Door height ≤2300mm
- Height adjustment ±3mm

Main Material

- Hanging wheel main body: High strength engineering plastics
- Quick mounting bracket: Stainless Steel
- Fixed plate: Stainless Steel
- Door bottom guide: 304 stainless steel+Nylon
- Hanging rail: Aluminum alloy



Installation diagram



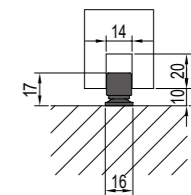
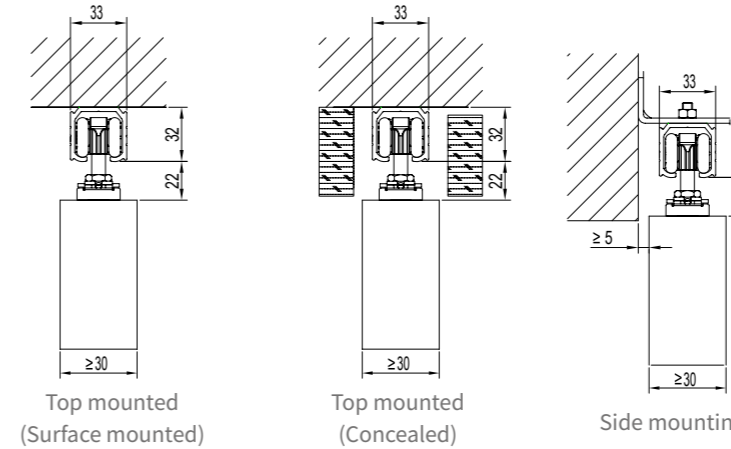
Dimension definition

- Door sash width: DW
- Door opening width: OW
- Fixed sash width: FW
- Door sash height: DH
- Door opening height: OH
- Hanging rail length: TL

Calculation formula

- DH=OH-64
- FW=OW/2+20
- DW=FW-25
- TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

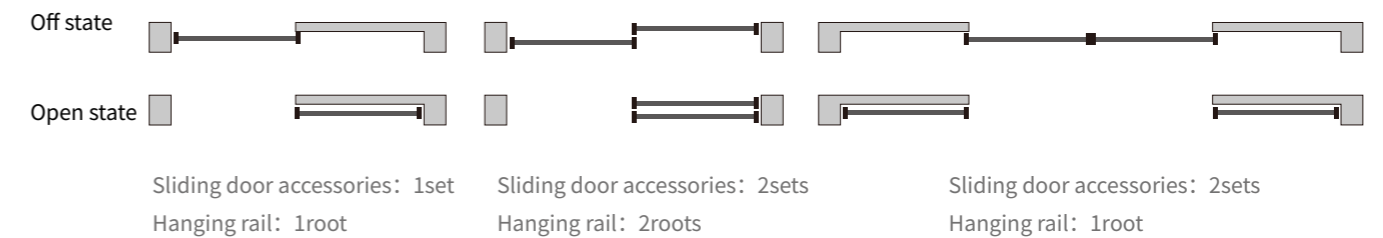
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8110N	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf. The length is calculated according to the width of the door opening and needs to be ordered separately.

Common configuration type



Product Configuration Table (Single door)

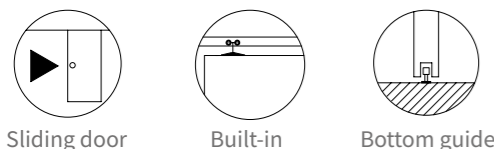
Accessory name	Model	Quantity	remark
Metal frame sliding door accessories	KYN8110N	1Set	
Hanging rail	KYN91005	1root	
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Metal Frame Sliding Door Accessories KYN8210N

Applicable door weight 80Kg



Sliding door function diagram

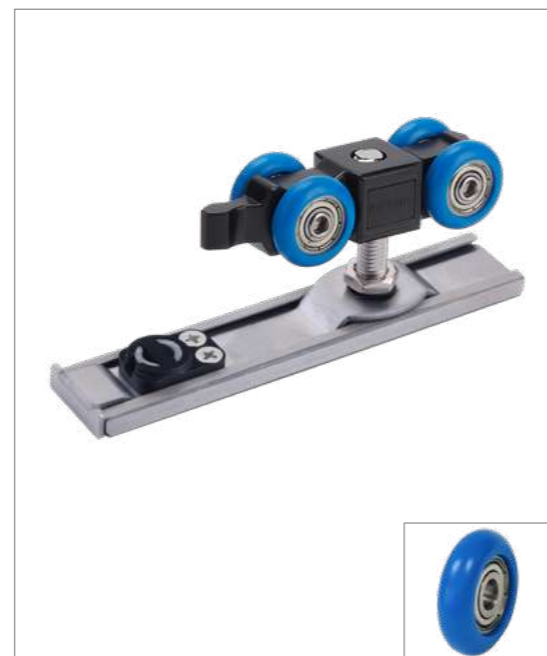


Technical Parameters

Door weight	≤80Kg
Door thickness	≥30mm
Door height	≤2400mm
Height adjustment	±3mm

Main Material

Hanging wheel main body	Zinc alloy
Quick mounting bracket	Stainless Steel
Fixed plate	Stainless Steel
Door bottom guide	304 stainless steel+Nylon
Hanging rail	Aluminum alloy



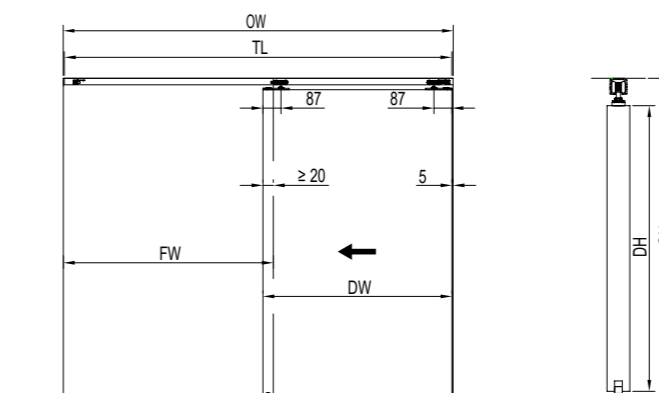
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8210N	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



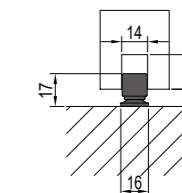
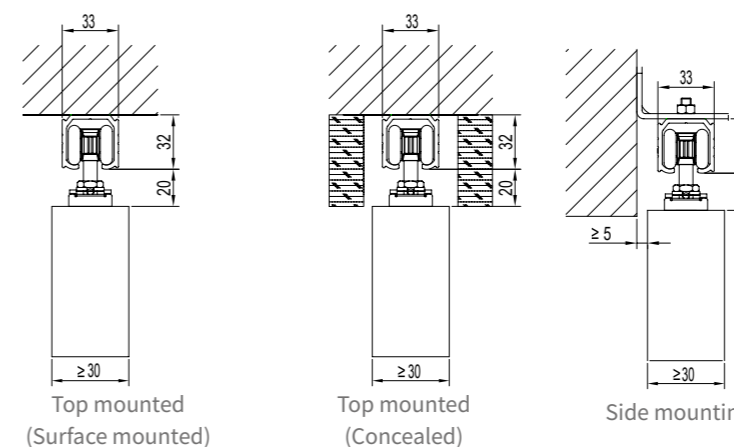
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

Calculation formula

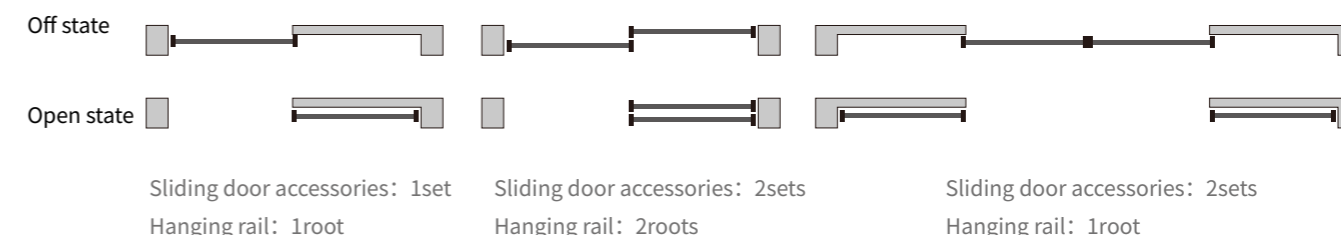
$DH=OH-62$
$FW=OW/2+20$
$DW=FW-25$
$TL=OW-5$

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

Common configuration type



Product Configuration Table (Single door)

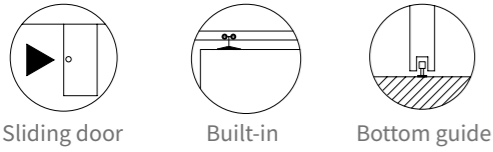
Accessory name	Model	Quantity	remark
Metal frame sliding door accessories	KYN8210N	1Set	
Hanging rail	KYN91005	1root	
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Metal Frame Sliding Door Accessories KYN8310N

Applicable door weigh 100Kg



Sliding door function diagram

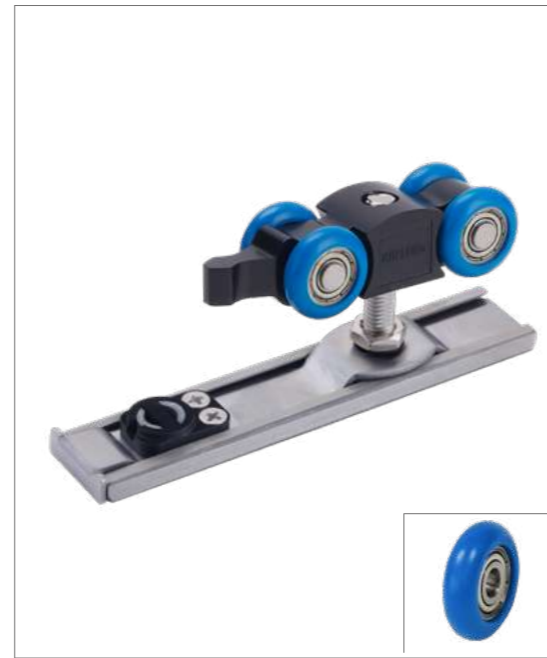


Technical Parameters

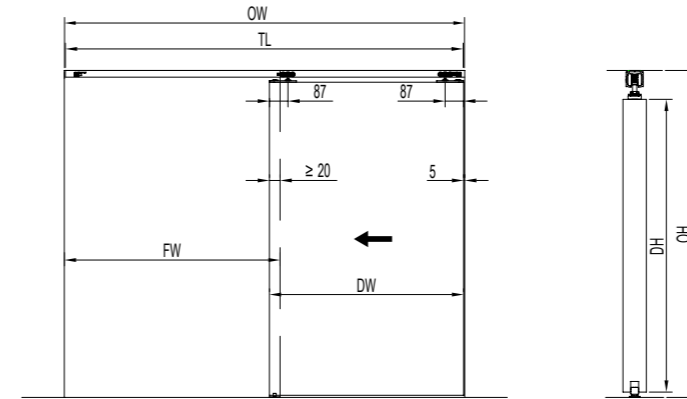
- Door weight ≤100Kg
- Door thickness ≥30mm
- Door height ≤2500mm
- Height adjustment ±3mm

Main Material

- Hanging wheel main body Zinc alloy
- Quick mounting bracket Stainless Steel
- Fixed plate Stainless Steel
- Door bottom guide 304 stainless steel+Nylon
- Hanging rail Aluminum alloy



Installation diagram



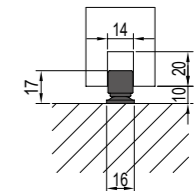
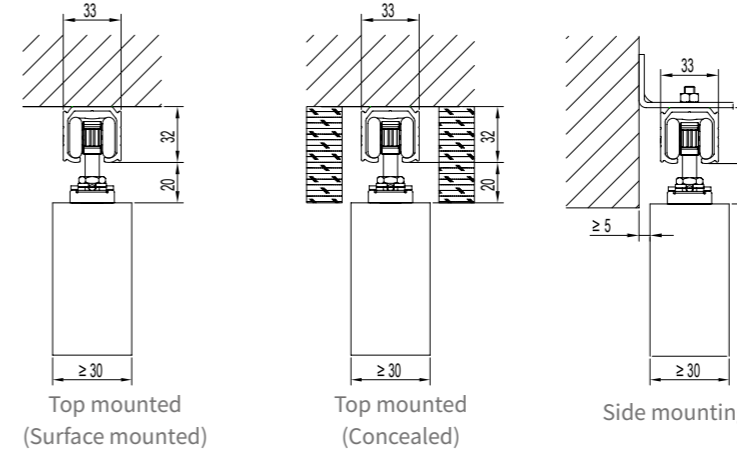
Dimension definition

- Door sash width DW
- Door opening width OW
- Fixed sash width FW
- Door sash height DH
- Door opening height OH
- Hanging rail length TL

Calculation formula

- DH=OH-62
- FW=OW/2+20
- DW=FW-25
- TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

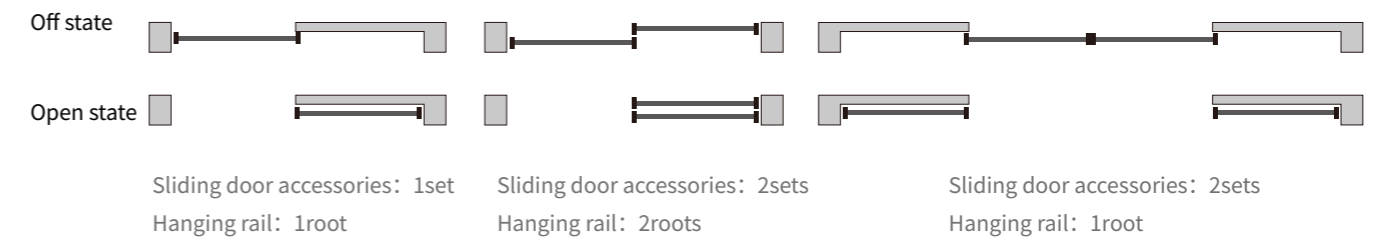
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8310N	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Common configuration type



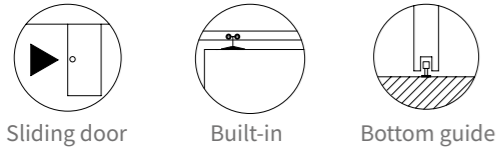
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Metal frame sliding door accessories	KYN8310N	1Set	
Hanging rail	KYN91005	1root	
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Metal Frame Sliding Door Accessories KYN8410N NEW

Applicable door weigh 120Kg

Sliding door function diagram



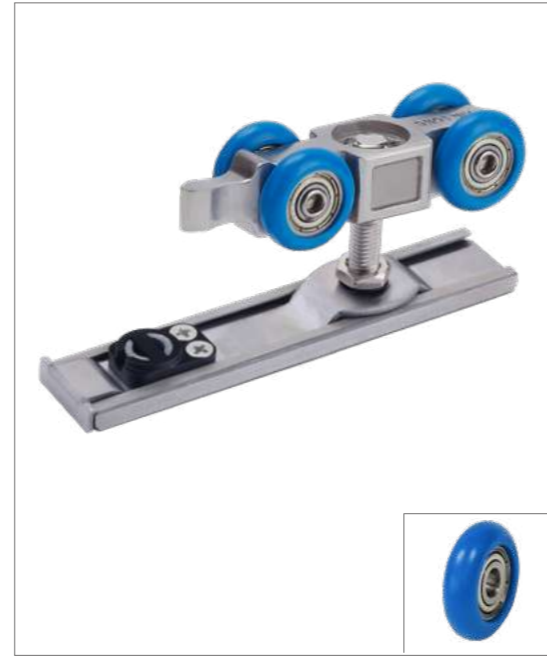
Sliding door Built-in Bottom guide

Technical Parameters

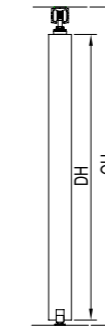
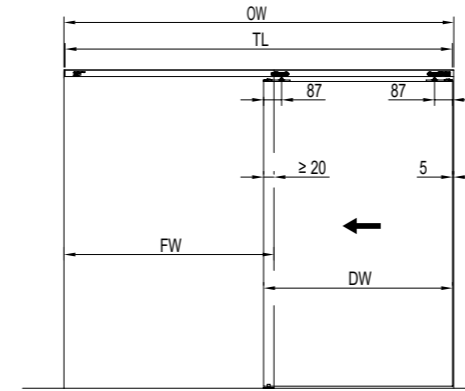
- Door weight ≤120Kg
- Door thickness ≥30mm
- Door height ≤2600mm
- Height adjustment ±3mm

Main Material

- Hanging wheel main body 304 stainless steel
- Quick mounting bracket Stainless Steel
- Fixed plate Stainless Steel
- Door bottom guide 304 stainless steel+Nylon
- Hanging rail Aluminum alloy



Installation diagram



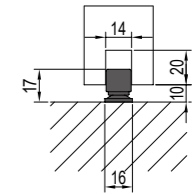
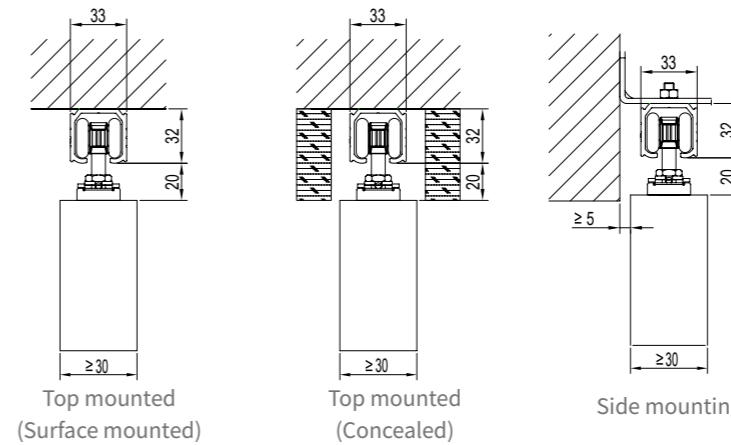
Dimension definition

- Door sash width DW
- Door opening width OW
- Fixed sash width FW
- Door sash height DH
- Door opening height OH
- Hanging rail length TL

Calculation formula

- DH=OH-62
- FW=OW/2+20
- DW=FW-25
- TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8410N	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

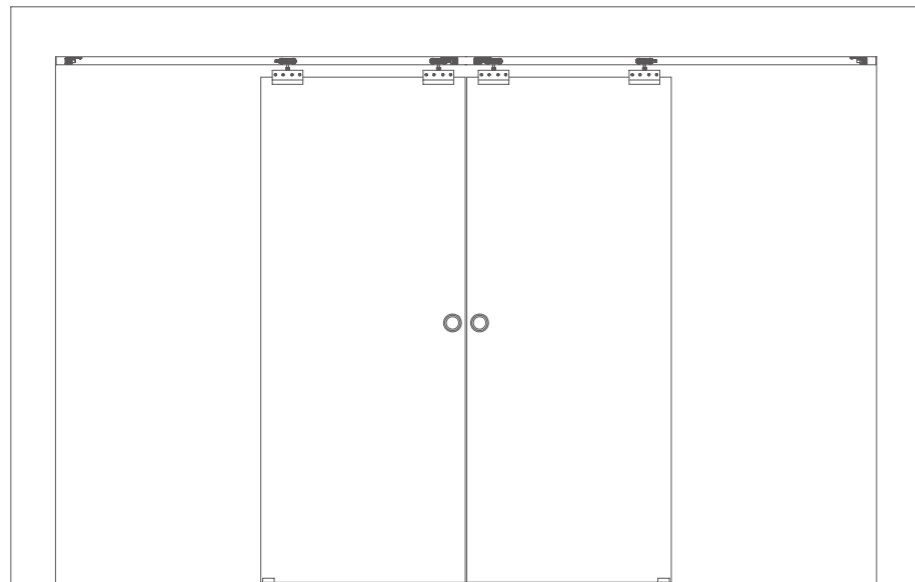
Common configuration type



Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Metal frame sliding door accessories	KYN8410N	1Set	
Hanging rail	KYN91005	1root	
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Glass sliding door accessories



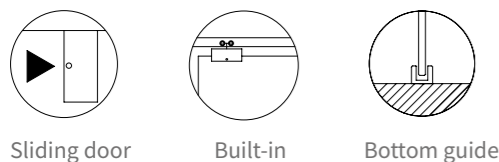
Sliding door

Sliding door

Glass Sliding Door Accessories KYN8110E

Applicable maximum door weight 60Kg

Sliding door function diagram



Technical Parameters

Applicable door weight	≤60Kg
Applicable door thickness	10-12mm
Applicable door height	≤2300mm
Height adjustment	±3mm

Main Material

Hanging wheel main body	Zinc alloy
Glass patch	Stainless steel
Door bottom guide	304 stainless steel
Hanging rail	Aluminum alloy



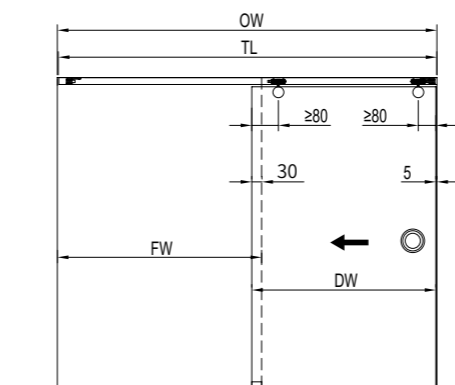
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8110E	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door sash. The length is calculated according to the width of the door opening and needs to be ordered separately.

Installation diagram



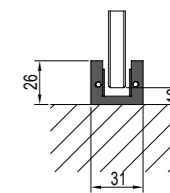
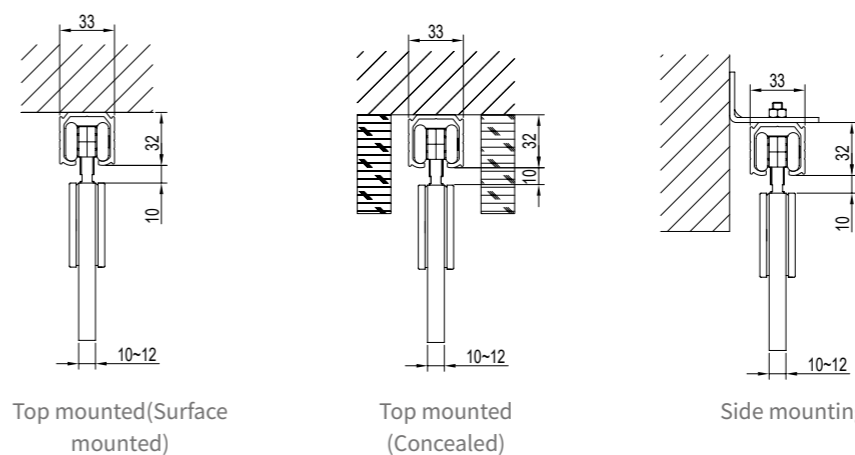
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

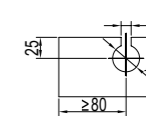
Calculation formula

DH=OH-52
FW=OW/2+30
DW=FW-35
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel

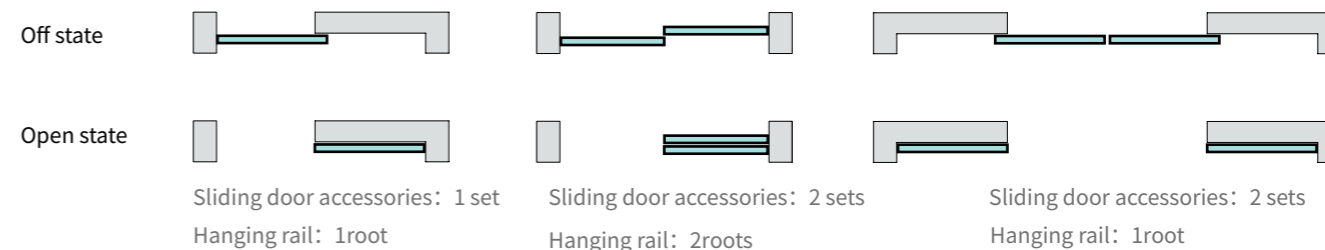


Door bottom guide installation diagram



Glass cut out drawing

Common configuration type



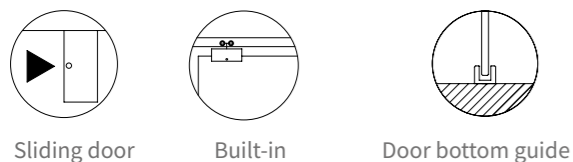
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN8110E	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P336)
Hanging rail Side mount assembly	KYN97001	N Sets	Select accessories (The number depends on the length of the rail)

Glass Sliding Door Accessories KYN8220G

Applicable door weigh 80Kg

Sliding door function diagram



Technical Parameters

door weight	≤80Kg
Applicable door thickness	10-12mm
Applicable door height	≤2400mm
Height adjustment	±5mm

Main Material

Hanging wheel main body	Zinc alloy
Glass patch	304 Stainless Steel
Door bottom guide	304 Stainless Steel
Hanging rail	Aluminum alloy



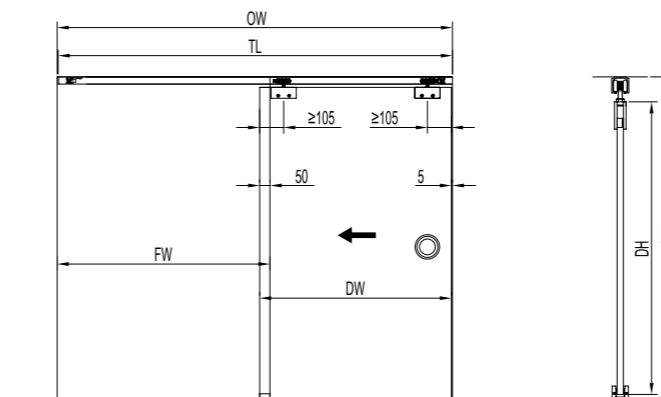
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8220G	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

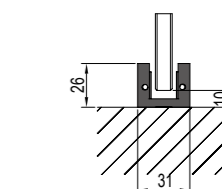
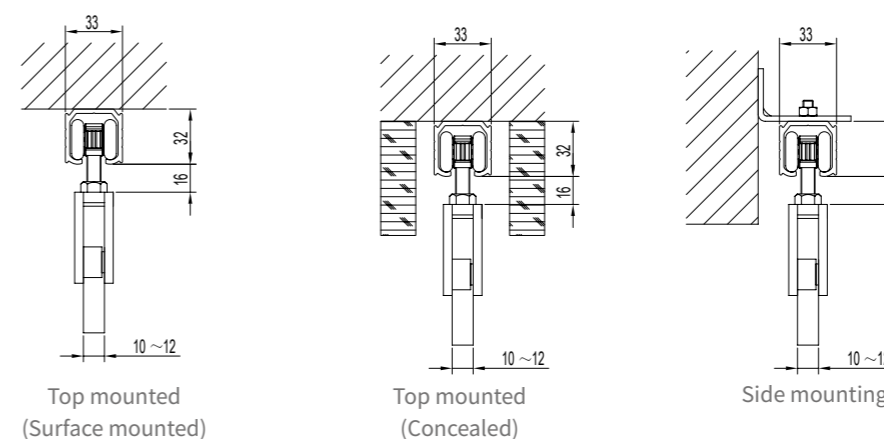
Installation diagram



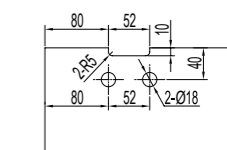
Size explanation

Size explanation	Calculation formula
Door sash width DW	DH=OH-58
Door opening width OW	FW=OW/2+50
Fixed sash width FW	DW=FW-55
Door sash height DH	TL=OW-5
Door opening height OH	
Hanging rail length TL	

Installation Diagram for Hanging Rail and Hanging Wheel

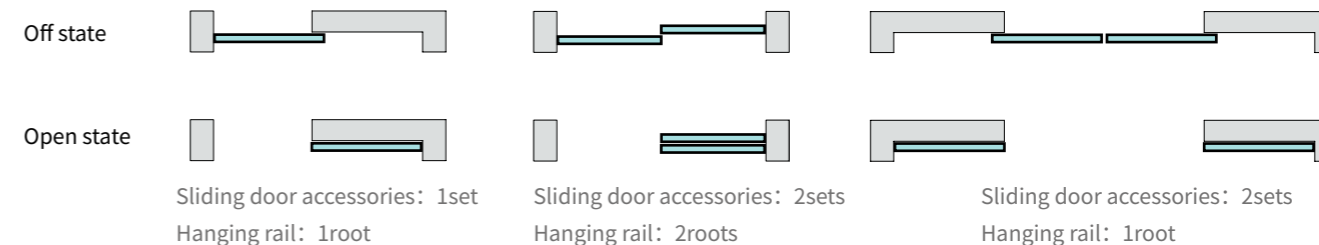


Door bottom guide installation dimension drawing



Glass opening diagram

Common configuration type



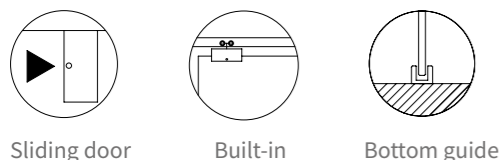
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN8220G	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P336)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

Glass Sliding Door Accessories KYN8310G

Applicable maximum door weight 100Kg

Sliding door function diagram



Technical Parameters

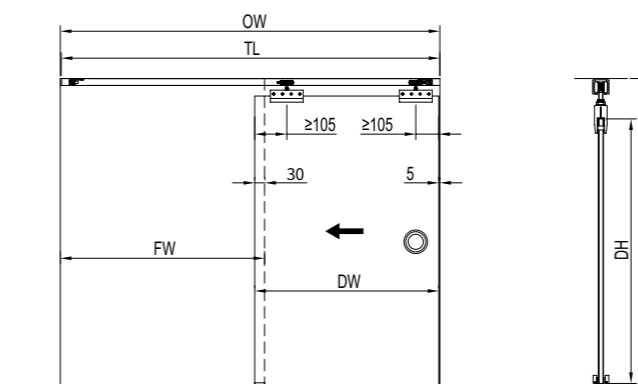
Applicable door weight	≤100Kg
Applicable door thickness	10-12mm
Applicable door height	≤2500mm
Height adjustment	±5mm

Main Material

Hanging wheel main body	Zinc alloy
Glass patch	Aluminum alloy
Door bottom guide	304stainless steel
Hanging rail	Aluminum alloy



Installation diagram



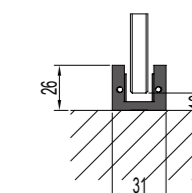
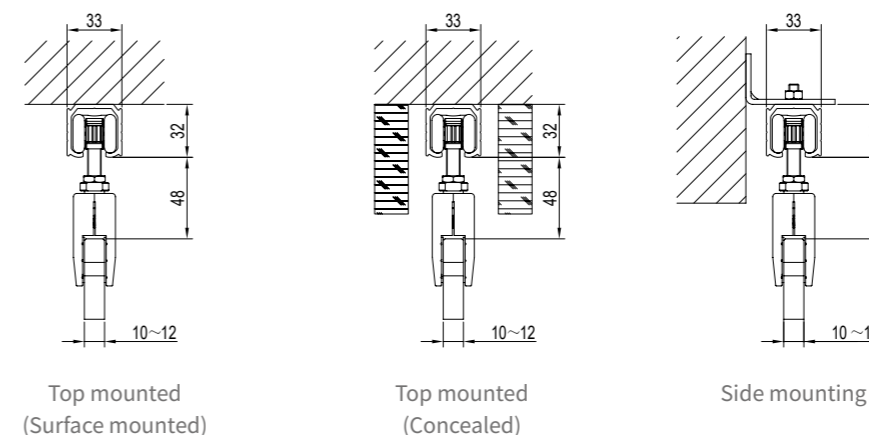
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

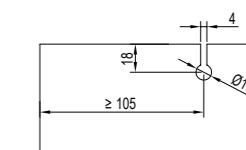
Calculation formula

DH=OH-90
FW=OW/2+30
DW=FW-35
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation diagram



Glass cut out drawing

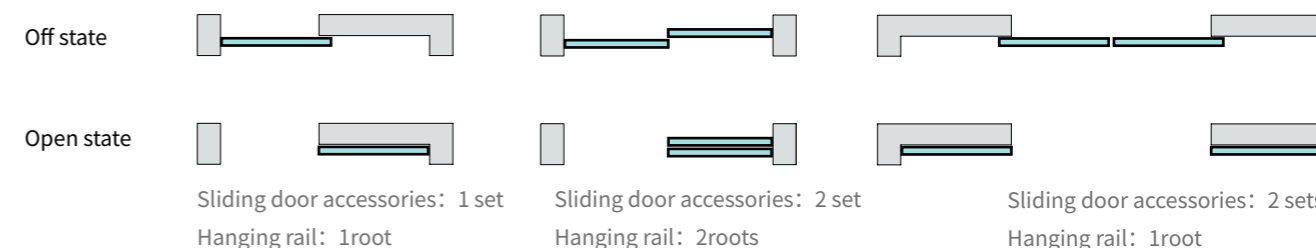
Sliding door accessories (one door)

Model	Accessories name	Accessories picture	Quantity
KYN8310G	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door sash The length is calculated according to the width of the door opening and needs to be ordered separately

Common configuration type



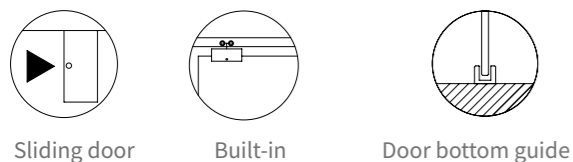
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN8310G	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P336)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

Glass Sliding Door Accessories KYN8320G

Applicable door weigh 100Kg

Sliding door function diagram



Technical Parameters

door weight	≤100Kg
Applicable door thickness	10-12mm
Applicable door height	≤2500mm
Height adjustment	±5mm

Main Material

Hanging wheel main body	Zinc alloy
Glass patch	304Stainless Steel
Door bottom guide	304Stainless Steel
Hanging rail	Aluminum alloy



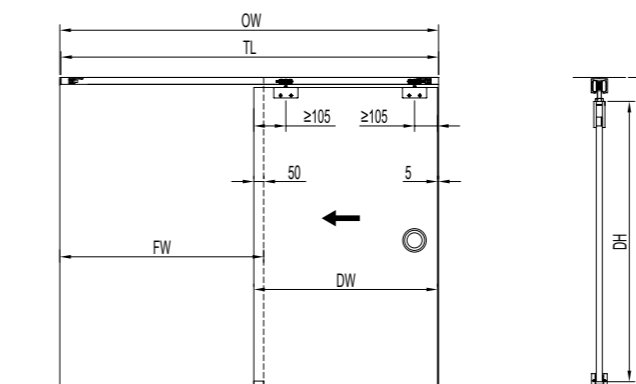
Sliding door accessories (one door)

Model	Accessories name	Accessories picture	Quantity
KYN8320G	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

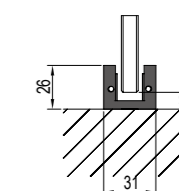
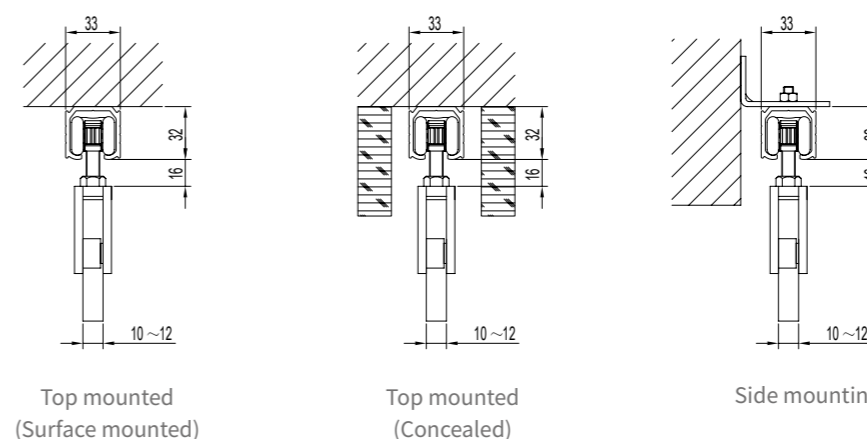
Installation diagram



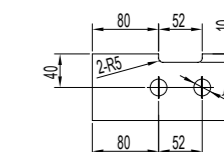
Size explanation

Size explanation	Calculation formula
Door sash width DW	DH=OH-58
Door opening width OW	FW=OW/2+50
Fixed sash width FW	DW=FW-55
Door sash height DH	TL=OW-5
Door opening height OH	
Hanging rail length TL	

Installation Diagram for Hanging Rail and Hanging Wheel

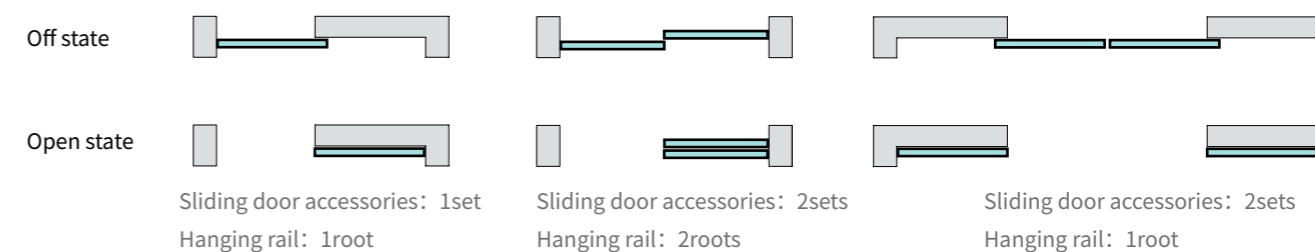


Door bottom guide installation dimension drawing



Glass opening diagram

Common configuration type



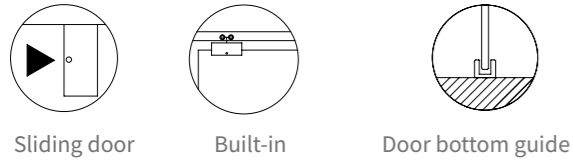
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN8320G	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P336)
Hanging rail Side mount assembly	KYN97001	Nsets	Select accessories (The number depends on the length of the rail)

Glass Sliding Door Accessories KYN8410G

Applicable door weigh 120Kg

Sliding door function diagram



Technical Parameters

door weight	≤120Kg
Applicable door thickness	10-12mm
Applicable door height	≤2600mm
Height adjustment	±3mm

Main Material

Hanging wheel main body	304Stainless Steel
Glass patch	Aluminum alloy
Door bottom guide	304Stainless Steel
Hanging rail	Aluminum alloy



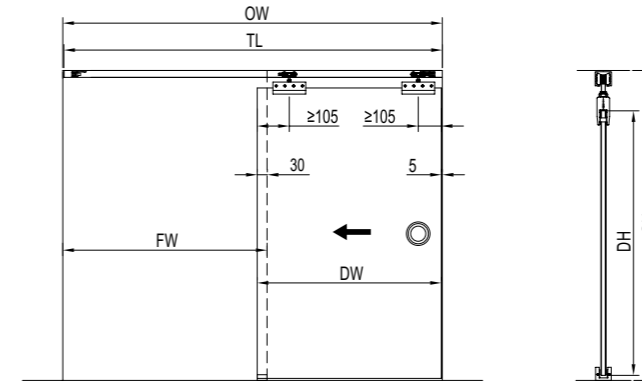
Sliding door accessories (one door)

Model	Accessories name	Accessories picture	Quantity
KYN8410G	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram

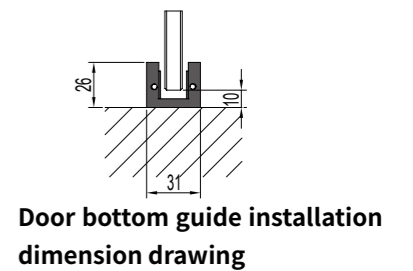
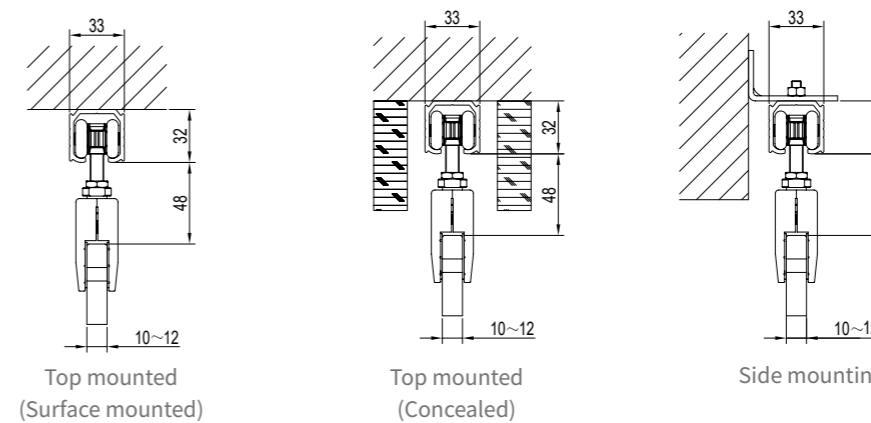


Size explanation

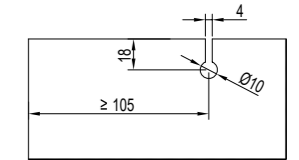
Door sash width	DW	DH=OH-90
Door opening width	OW	FW=OW/2+30
Fixed sash width	FW	DW=FW-35
Door sash height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Calculation formula

Installation Diagram for Hanging Rail and Hanging Wheel

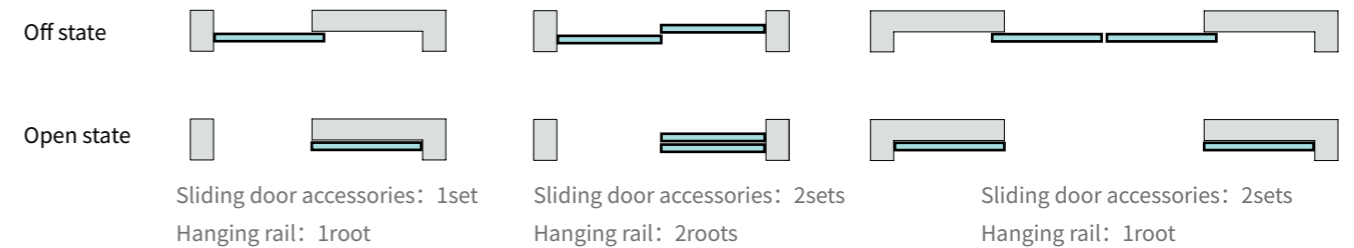


Door bottom guide installation dimension drawing



Glass opening diagram

Common configuration type



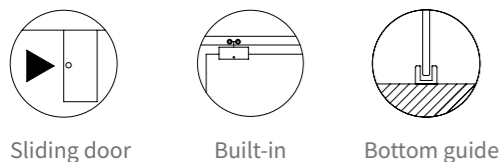
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN8410G	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P336)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail)

Glass Sliding Door Accessories KYN15010

Applicable door weigh 150Kg

Sliding door function diagram



Technical Parameters

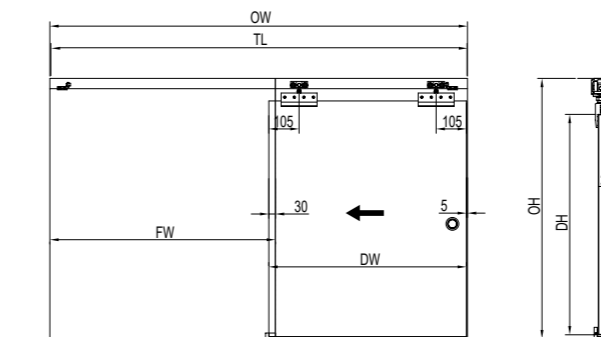
Applicable door weight	≤150Kg
Applicable door thickness	10-12mm
Applicable door height	≤2700mm
Height adjustment	±5mm

Main Material

Hanging wheel main body	Aluminum alloy
Glass patch	Aluminum alloy
Door bottom guide	304 stainless steel
Hanging rail	Aluminum alloy



Installation diagram



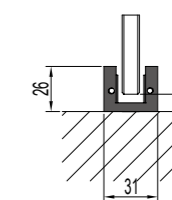
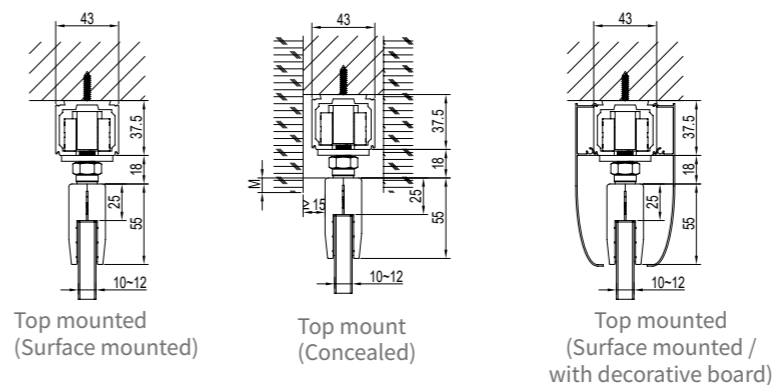
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

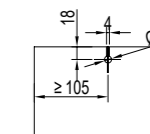
Calculation formula

DH=OH-90
FW=OW/2+30
DW=FW-35
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation diagram



Glass cut out drawing

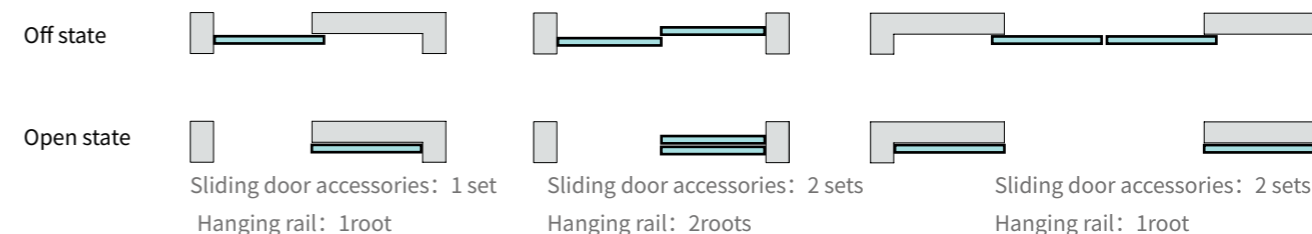
Sliding door accessories (one door)

Model	Accessories name	Accessories picture	Quantity
KYN15010	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Picture	Dimensions	Remark
KYN52501			The quantity is determined according to the door fan configuration Length according to the width of the door, need to order

Common configuration type



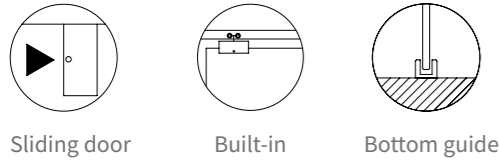
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN15010	1Set	
Hanging rail	KYN52501	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P336)

Glass Sliding Door Accessories KYN17010

Applicable door weigh 200Kg

Sliding door function diagram



Technical Parameters

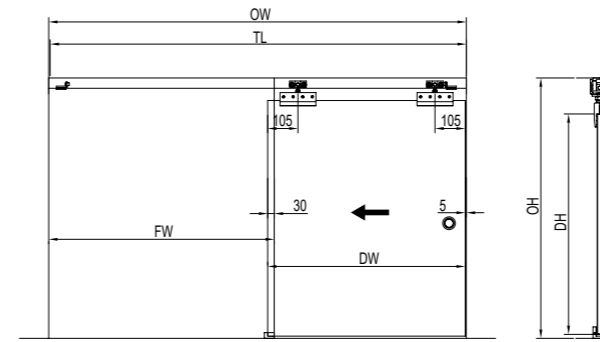
Applicable door weight	≤200Kg
Applicable door thickness	12mm
Applicable door height	≤2700mm
Height adjustment	±5mm

Main Material

Hanging wheel main body	Aluminum alloy
Glass patch	Aluminum alloy
Door bottom guide	304 stainless steel
Hanging rail	Aluminum alloy



Installation diagram



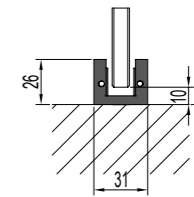
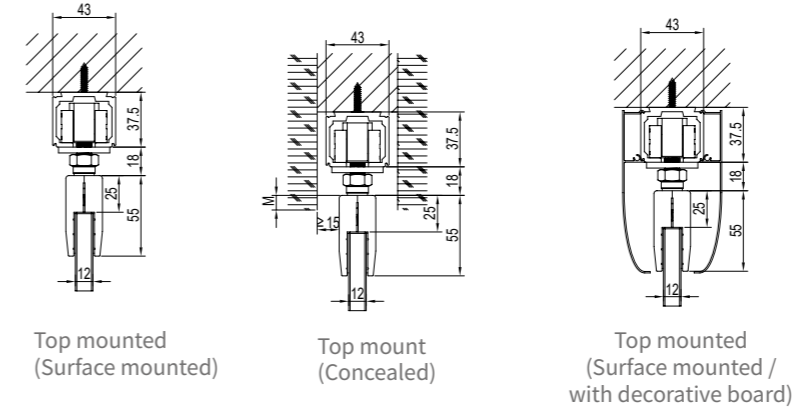
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

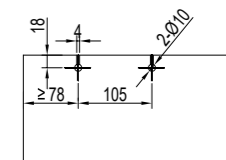
Calculation formula

DH=OH-90
FW=OW/2+30
DW=FW-35
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation diagram



Glass cut out drawing

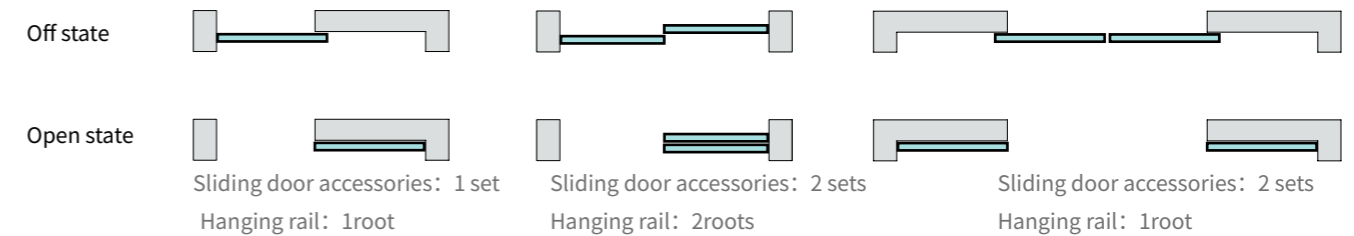
Sliding door accessories (one door)

Model	Accessories name	Accessories picture	Quantity
KYN17010	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN52501			The quantity is determined according to the door fan configuration Length according to the width of the door, need to order

Common configuration type



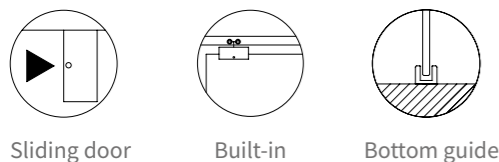
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN17010	1Set	
Hanging rail	KYN52501	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P336)

Glass Sliding Door Accessories KYN11900

Applicable door weigh 350Kg

Sliding door function diagram



Technical Parameters

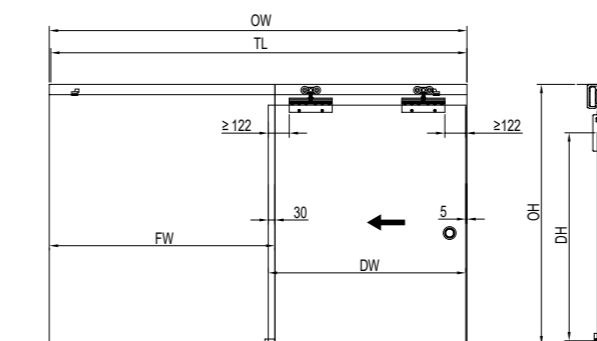
Applicable door weight	≤350Kg
Applicable door thickness	15mm
Applicable door height	≤3000mm
Height adjustment	±5mm

Main Material

Hanging wheel main body	Aluminum alloy
Glass patch	Aluminum alloy
Door bottom guide	304 stainless steel
Hanging rail	Aluminum alloy



Installation diagram



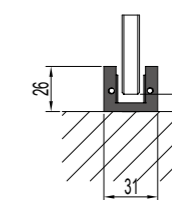
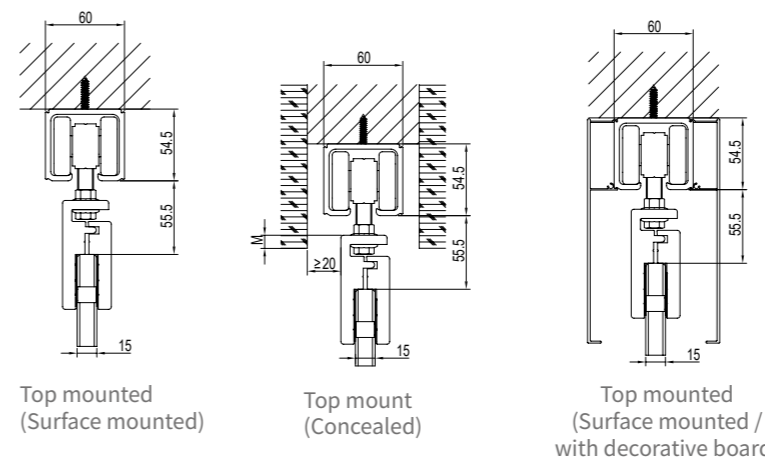
Dimension definition

Door sash width	DW
Door opening width	OW
Fixed sash width	FW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

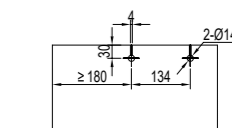
Calculation formula

DH=OH-120
FW=OW/2+30
DW=FW-35
TL=OW-5

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation diagram



Glass cut out drawing

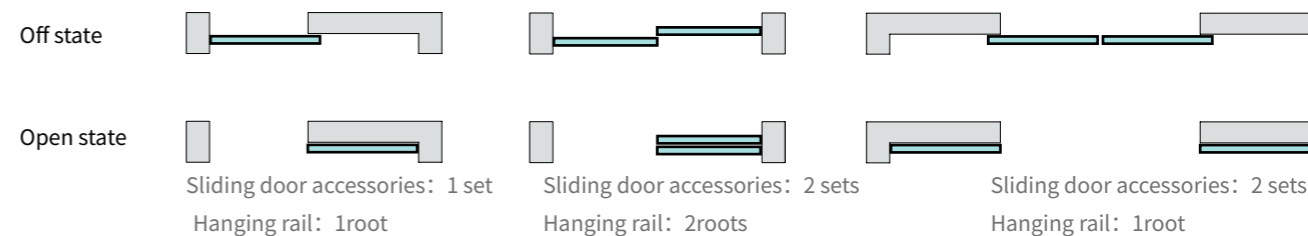
Sliding door accessories (one door)

Model	Accessories name	Accessories picture	Quantity
KYN11900	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN51901			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Common configuration type



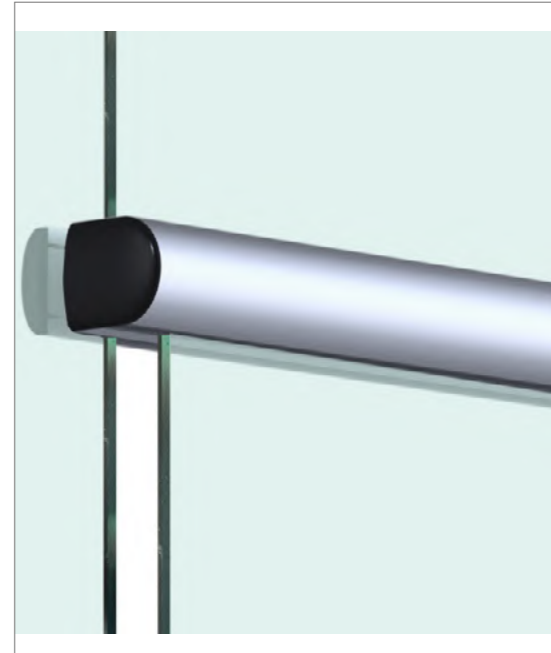
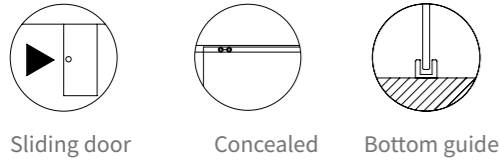
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN11900	1Set	
Hanging rail	KYN51901	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P336)

Concealed Glass Sliding Door Accessories KYN11210/KYN11220

Applicable door weigh 80Kg

Sliding door function diagram



Technical Parameters

Applicable door weight	≤80Kg
Applicable door thickness	10-12mm
Applicable door width	600-1000mm
Applicable door height	≤2200mm

Main Material

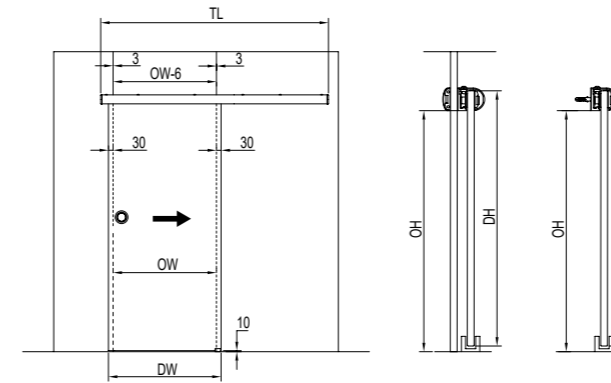
Hanging wheel main body	304 stainless steel
Door bottom guide	304 stainless steel
Hanging rail	Aluminum alloy

Standard configuration (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN11210 (Wall mounting)	Hanging rail		2
	Positioning parts		2
	Door bottom guide		1
	Hanging wheel assembly		1

Model	Accessories name	Accessories picture	Quantity
KYN11220 (Glass surface installation)	Hanging rail		2
	Positioning parts		2
	Door bottom guide		1
	Hanging wheel assembly		1

Installation diagram



Dimension definition

Door sash width	DW
Door opening width	OW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

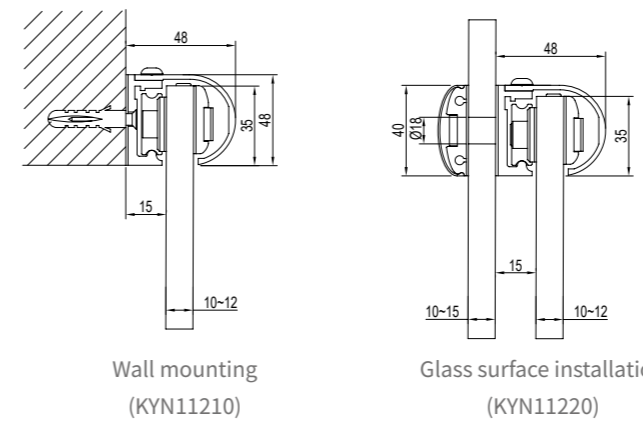
Calculation formula

$$DH = OH + 25$$

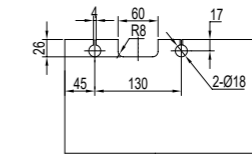
$$DW = OW + 60$$

$$TL \geq 2 \times DW + 100$$

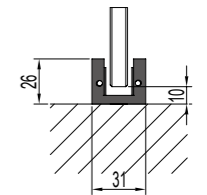
Installation Diagram for Hanging Rail and Hanging Wheel



Glass cut out drawing



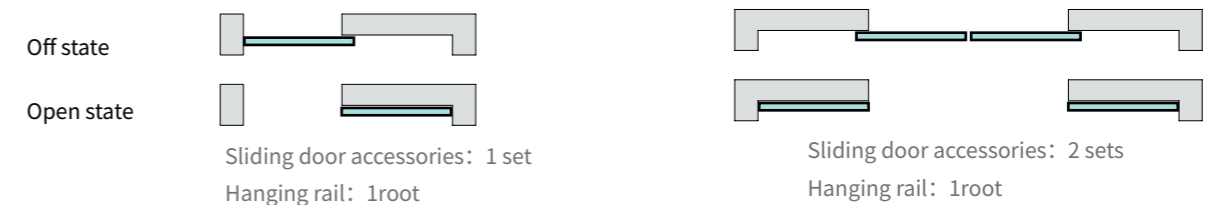
Door bottom guide installation diagram



Hanging rail opening size chart

Installation size	Hanging rail length			
	1600mm	2400mm	3200mm	4000mm
B	30	30	40	50
C	4*350	6*390	8*390	10*390

Common configuration type



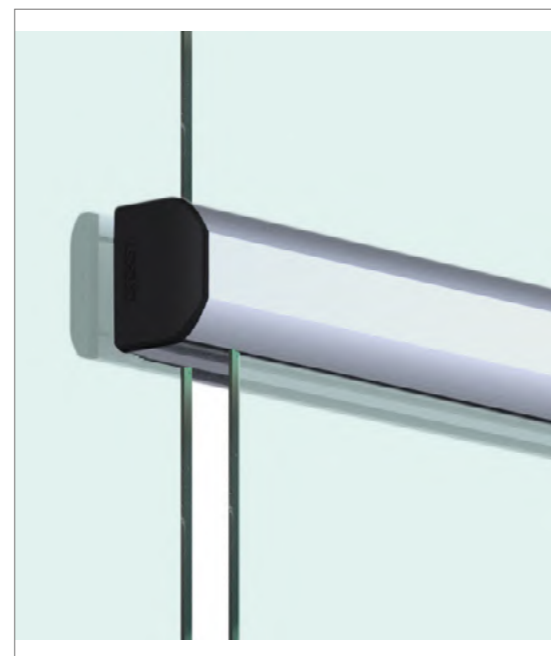
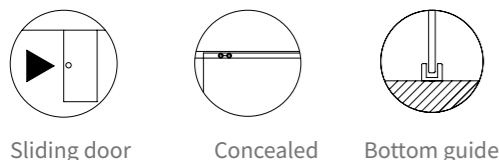
Product Configuration Table (Single door)

Installation form	Accessory name	Model	Quantity	remark
Wall mounting	Concealed glass sliding door	KYN11210	1Set	
	Flush pull	KLS931 series	1pair	Select accessories(see P336)
Glass surface installation	Concealed glass sliding door	KYN11220	1Set	
	Flush pull	KLS931 series	1pair	Select accessories(see P336)

Concealed Glass Sliding Door Accessories KYN12210/KYN12220

Applicable door weigh 80Kg

Sliding door function diagram



Technical Parameters

Applicable door weight	≤80Kg
Applicable door thickness	10-12mm
Applicable door width	600-1000mm
Applicable door height	≤2200mm

Main Material

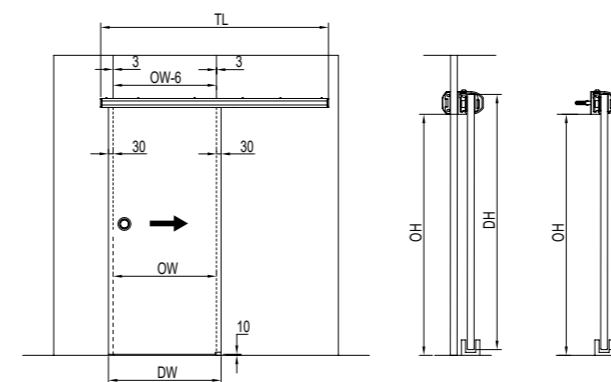
Hanging wheel main body	304 stainless steel
Door bottom guide	304 stainless steel
Hanging rail	Aluminum alloy

Standard configuration (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN12210 (Wall mounting)	Hanging wheel		2
	Positioning parts		2
	Door bottom guide		1
	Hanging rail assembly		1

Model	Accessories name	Accessories picture	Quantity
KYN12220 (Glass surface installation)	Hanging wheel		2
	Positioning parts		2
	Door bottom guide		1
	Hanging rail assembly		1

Installation diagram



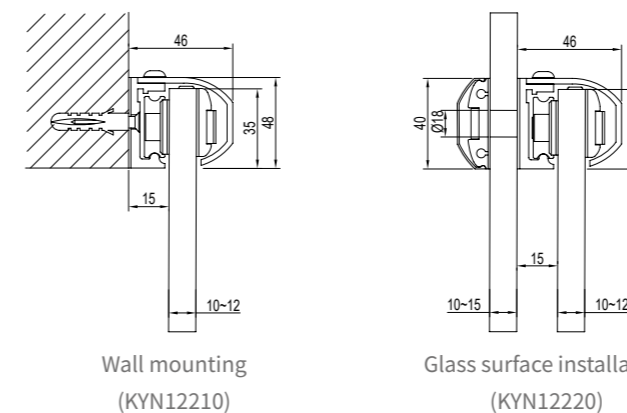
Dimension definition

Door sash width	DW
Door opening width	OW
Door sash height	DH
Door opening height	OH
Hanging rail length	TL

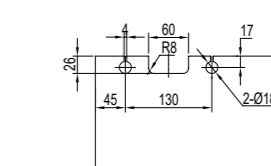
Calculation formula

$DH=OH+25$
$DW=OW+60$
$TL \geq 2 \times DW + 100$

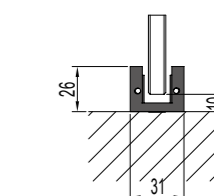
Installation Diagram for Hanging Rail and Hanging Wheel



Glass cut out drawing



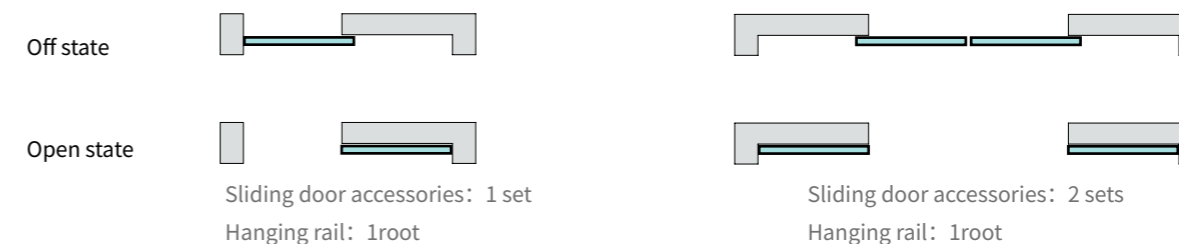
Door bottom guide installation diagram



Hanging rail opening size chart

Installation size	Hanging rail length			
	1600mm	2400mm	3200mm	4000mm
B	30	30	40	50
C	4*350	6*390	8*390	10*390

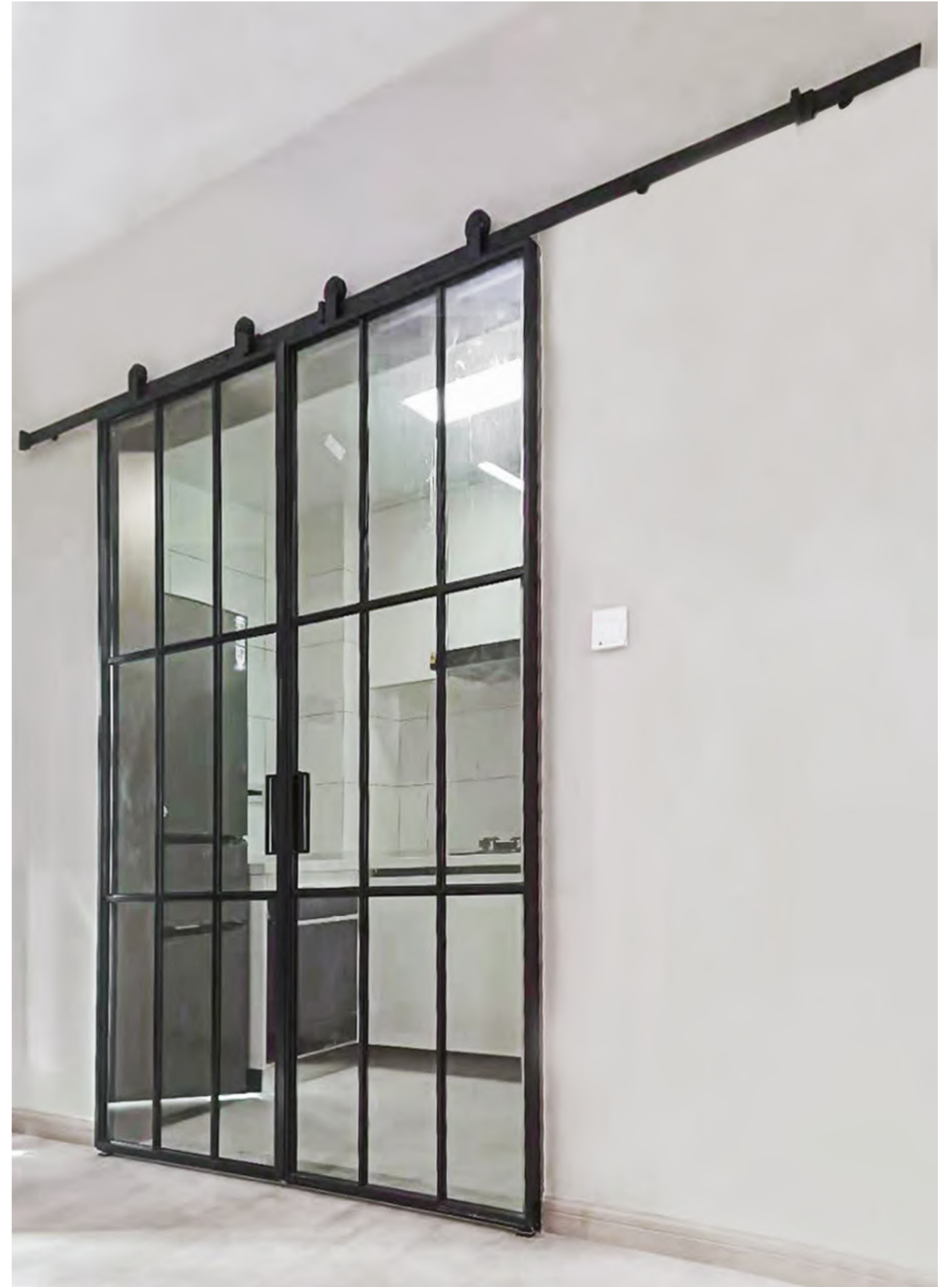
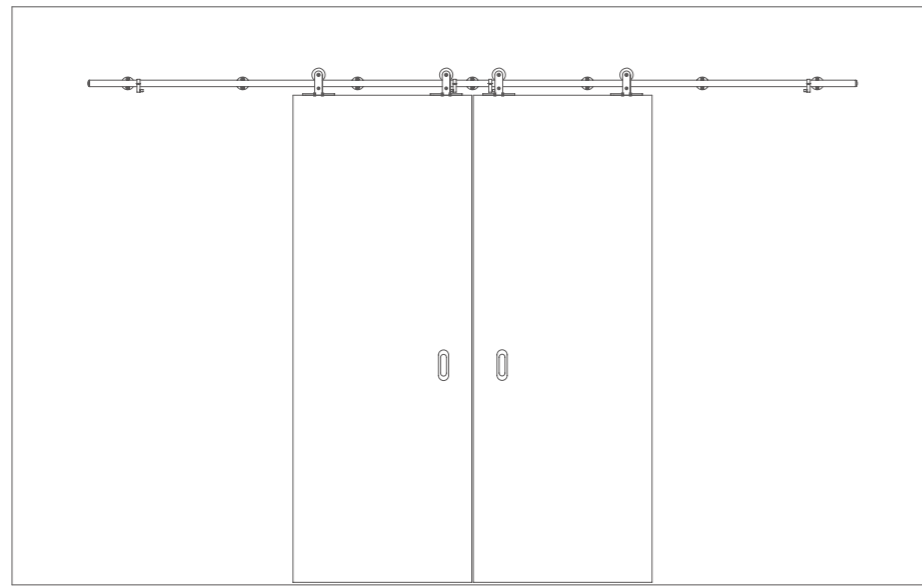
Common configuration type



Product Configuration Table (Single door)

Installation form	Accessory name	Model	Quantity	remark
Wall mounting	Concealed glass sliding door	KYN12210	1Set	
	Flush pull	KLS931 series	1pair	Select accessories(see P336)
Glass surface installation	Concealed glass sliding door	KYN12220	1Set	
	Flush pull	KLS931 series	1pair	Select accessories(see P336)

Barn door accessories



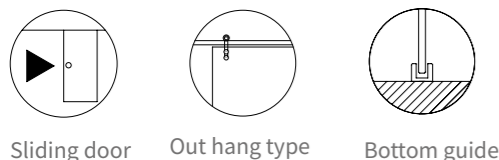
Sliding door

Sliding door

Glass Sliding Door Accessories KYW13010

Applicable door weigh 100Kg

Sliding door function diagram



Sliding door Out hang type Bottom guide

Technical Parameters

- Applicable door weight ≤100Kg
- Applicable door thickness 10-15mm
- Applicable door width 600~1200mm
- Applicable door height ≤2500mm
- Height adjustment ±3mm
- KYW13010 does not include lifting rail components, which need to be purchased separately
- Wall mounting supporting lifting rail assembly model KYW91001
- Glass surface mounting accessory rail assembly model KYW91002

Main Material

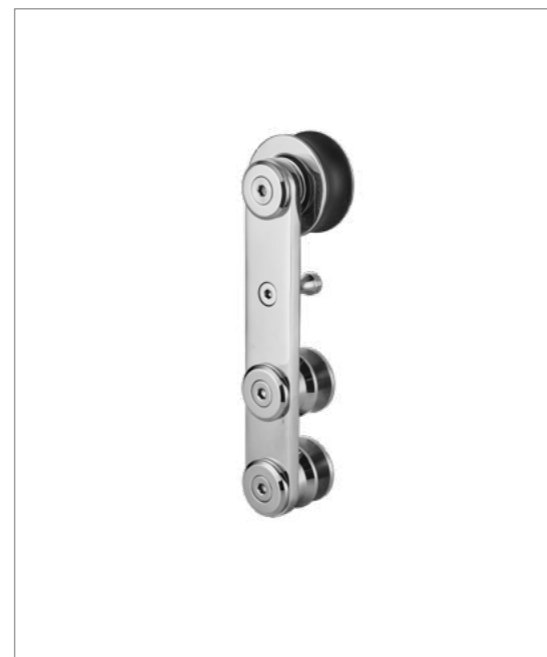
- Hanging wheel body 304 stainless steel
- Door bottom guide 304 stainless steel
- Hanging rail 304 stainless steel

Standard configuration (Single door)

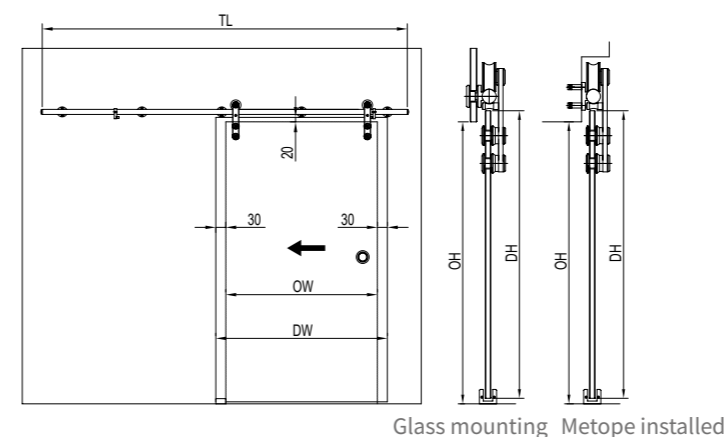
Model	Accessories name	Accessories picture	Quantity
KYW13010	Hanging rail		2
	Door bottom guide		1
KYW91001 (Including limit piece)	Hanging rail support (Wall mounting)		1
KYW91002 (Including limit piece)	Hanging rail support (Glass surface installation)		1

Hanging rail length	2000mm	2500mm	3000mm	4000mm	5000mm
single door	√	√	--	--	--
double doors	--	--	√	√	√

Note: The length of the hanging rail is shipped in accordance with the standard length of the attached table



Installation diagram



Dimension definition

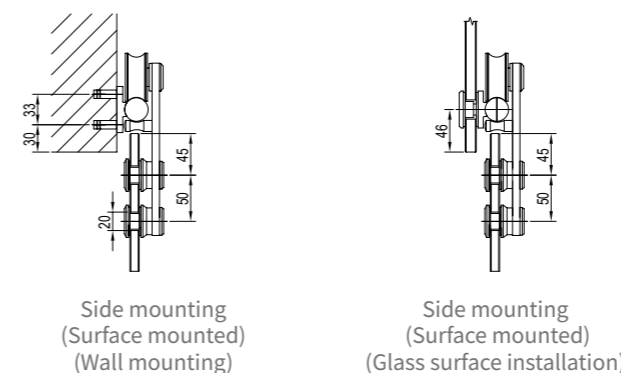
- Door sash width DW
- Door opening width OW
- Door sash height DH
- Door opening height OH
- Hanging rail length TL

Calculation formula (single door)

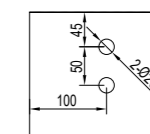
$$DH = OH + 10$$

$$DW = OW + 60$$

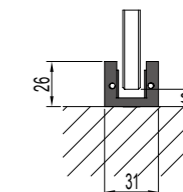
Installation Diagram for Hanging Rail and Hanging Wheel



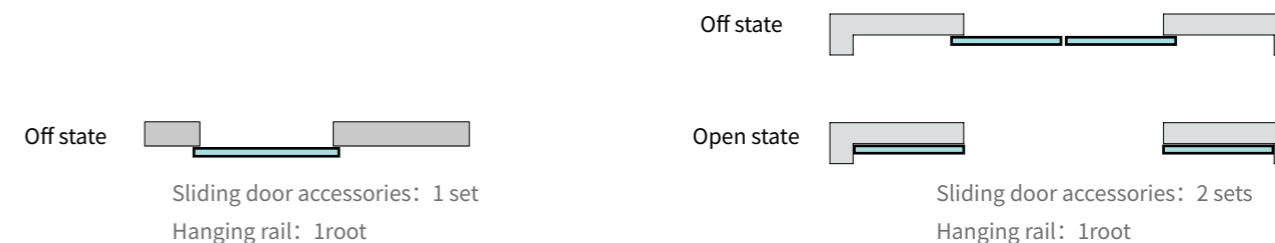
Glass cut out drawing



Door bottom guide installation diagram



Common configuration type



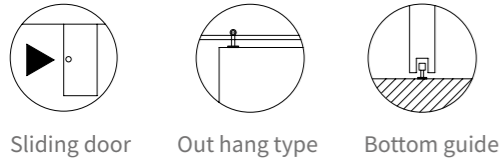
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYW13010	1 set	
Hanging rail	KYW91001 (Wall mounting)	1root	A choice
Hanging rail assembly	KYW91002 (Glass surface installation)	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P336)

Wood Frame Sliding Door Accessories KYW53010

Applicable door weigh 100Kg

Sliding door function diagram



Technical Parameters

- Applicable door weight ≤ 100Kg
- Applicable door thickness 35-50mm
- Applicable door width 600~1200mm
- Applicable door height ≤ 2400mm
- KYW53010 products do not include lifting rail components, which need to be purchased separately
- Wall mounting supporting lifting rail assembly model KYW91001

Main Material and Surface Finish

- Hanging wheel body 304 stainless steel
- Door bottom guide 304 stainless steel+ POM
- Hanging rail 304 stainless steel

Standard configuration (Single door)

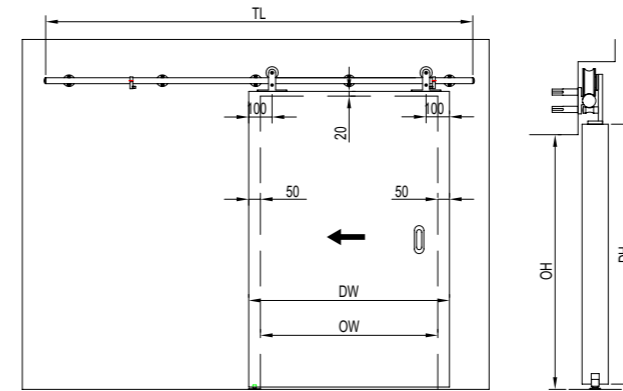
Model	Accessories name	Accessories picture	Quantity
KYW53010	Hanging wheel assembly		2
	Door bottom guide		1
KYW91001 (Including limit piece)	Hanging rail		1

Hanging rail length	2000mm	2500mm	3000mm	4000mm	5000mm
Single door	√	√	--	--	--
Double doors	--	--	√	√	√

Note: The length of the hanging rail is shipped in accordance with the standard length of the attached table



Installation diagram



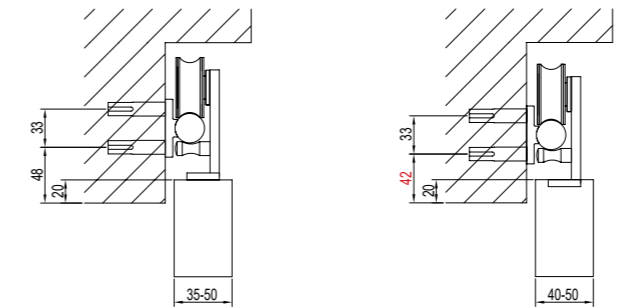
Dimension definition

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

Calculation formula (single door)

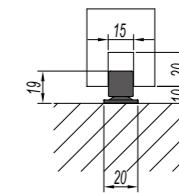
$DH = OH + 10$
 $OW = DW + 100$

Installation Diagram for Hanging Rail and Hanging Wheel

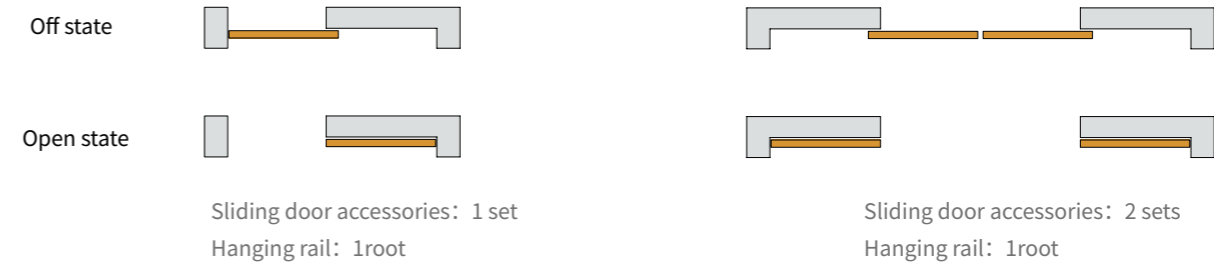


Side mounting (Surface mounted) (Wall / Door leaves are not slotted)
 Side mounting (Surface mounted) (Wall / Door Slotted)

Door bottom guide installation diagram



Common configuration type



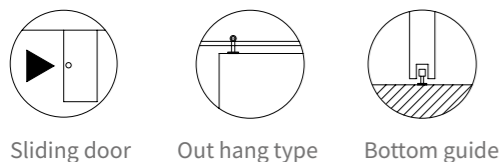
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Frame Sliding Door Accessories	KYW53010	1set	
Hanging rail	KYW91001	1root	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)

Wood Frame Sliding Door Accessories KYW5430B

Applicable door weigh 100Kg

Sliding door function diagram



Sliding door Out hang type Bottom guide

Technical Parameters

- Applicable door weight ≤100Kg
- Applicable door thickness 35-55mm
- Applicable door width 600~1200mm
- Applicable door height ≤2500mm
- Hanging rail included, for wall mounting installed only

Main Material and Surface Finish

- Hanger body High quality carbon steel
- Door bottom guide Nylon
- Hanging rail High-quality carbon steel
- Hanging rail support High-quality carbon steel

Standard configuration (Single door)

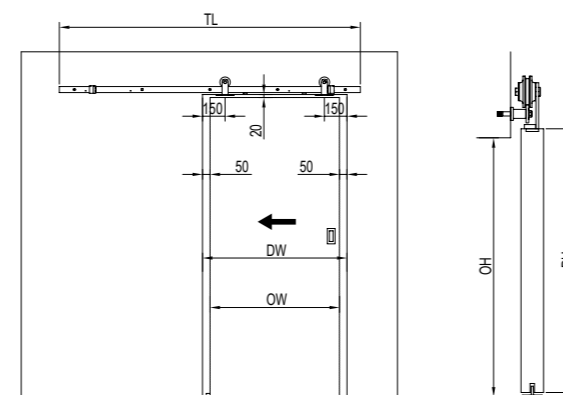
Model	Accessories name	Accessories picture	Quantity
KYW5430B	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1
	Anti-jumper		2
	Hanging rail support		/
	Hanging rail		1

Hanging rail length	2000mm	2500mm	3000mm	4000mm	5000mm
Single door	√	√	--	--	--
Double doors	--	--	√	√	√

Note: The length of the hanging rail is shipped in accordance with the standard length of the attached table



Installation diagram



Dimension definition

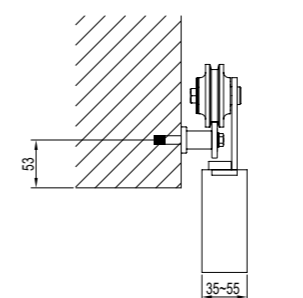
- Door sash width DW
- Door opening width OW
- Door sash height DH
- Door opening height OH
- Hanging rail length TL

Calculation formula (single door)

$$DH=OH+10$$

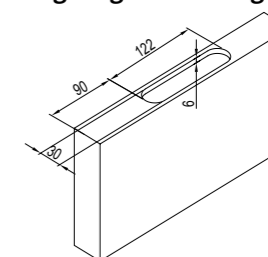
$$OW=DW+100$$

Installation Diagram for Hanging Rail and Hanging Wheel

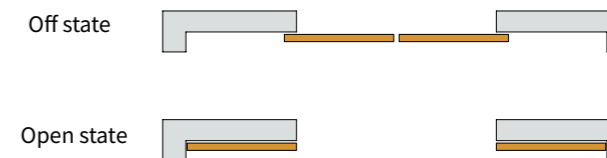
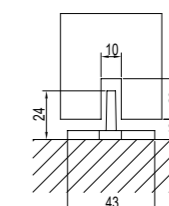


Side mounting
(Surface mounted)

Slotting diagram of hanging wheel assembly



Door bottom guide installation diagram



Off state

Open state

Common configuration type



Sliding door accessories: 1 set
Hanging rail: 1 root

Sliding door accessories: 2 sets
Hanging rail: 1 root

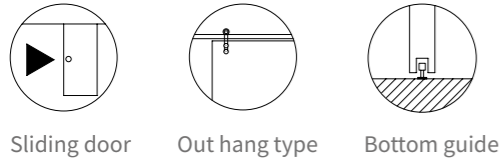
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Frame Sliding Door Accessories	KYW5430B	1set	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)

Wood Frame Sliding Door Accessories KYW5550B

Applicable door weigh 150Kg

Sliding door function diagram



Sliding door Out hang type Bottom guide

Technical Parameters

- Applicable door weight ≤150Kg
- Applicable door thickness 35-40mm
- Applicable door width 600~1200mm
- Applicable door height ≤2700mm
- Hanging rail included, for wall mounting installed only

Main Material and Surface Finish

- Hanger body High quality carbon steel
- Door bottom guide fitting Nylon
- Hanging rail High-quality carbon steel
- Hanging rail support High-quality carbon steel

Standard configuration (Single door)

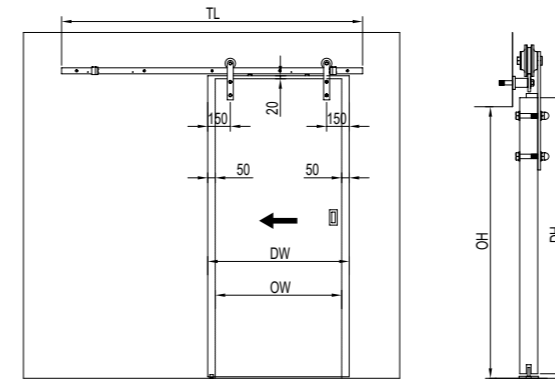
Model	Accessories name	Accessories picture	Quantity
KYW5550B	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1
	Anti-jumper		2
	Hanging rail support		/
	Hanging rail		1

Hanging rail length	2000mm	2500mm	3000mm	4000mm	5000mm
Single door	√	√	--	--	--
Double doors	--	--	√	√	√

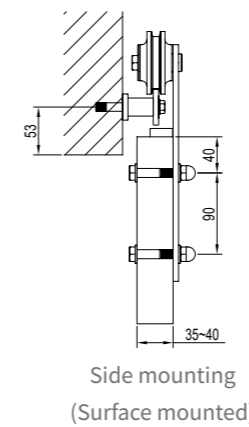
Note: The length of the hanging rail is shipped in accordance with the standard length of the attached table



Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel



Dimension definition

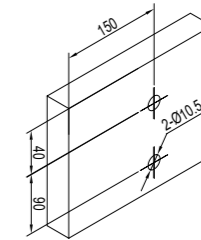
- Door sash width DW
- Door opening width OW
- Door sash height DH
- Door opening height OH
- Hanging rail length TL

Calculation formula (single door)

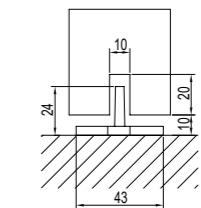
$$DH=OH+10$$

$$OW=DW+100$$

Slotting diagram of hanging wheel assembly

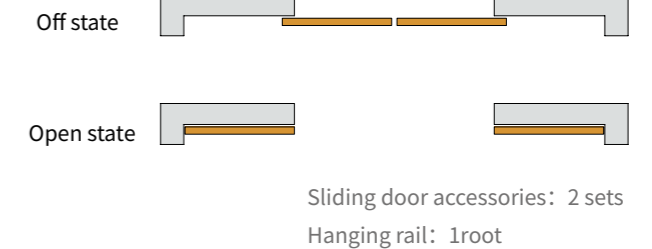
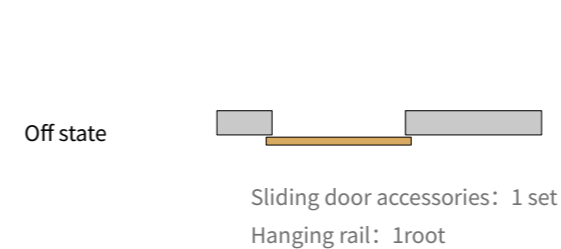


Door bottom guide installation diagram



Standard configuration

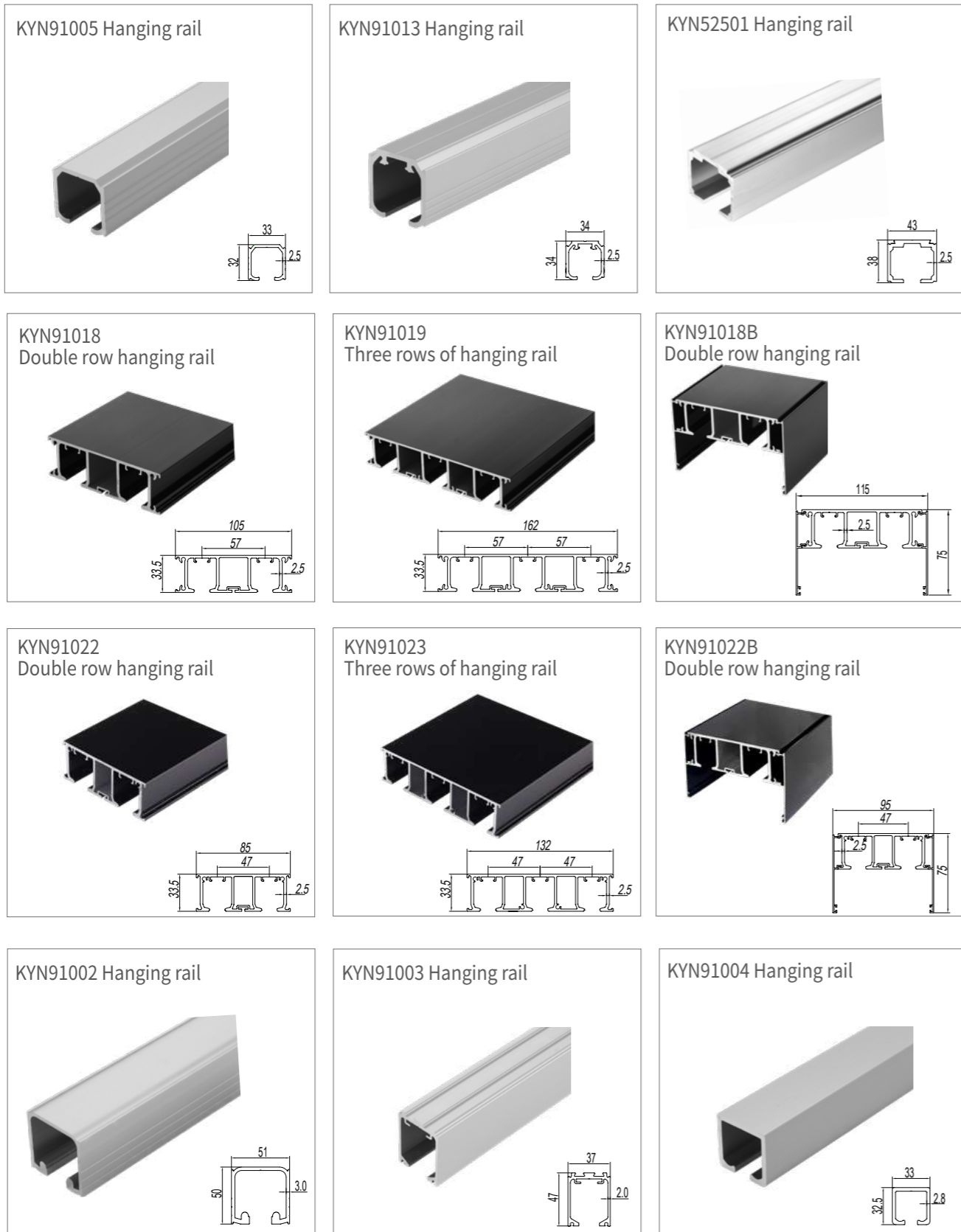
Common configuration type



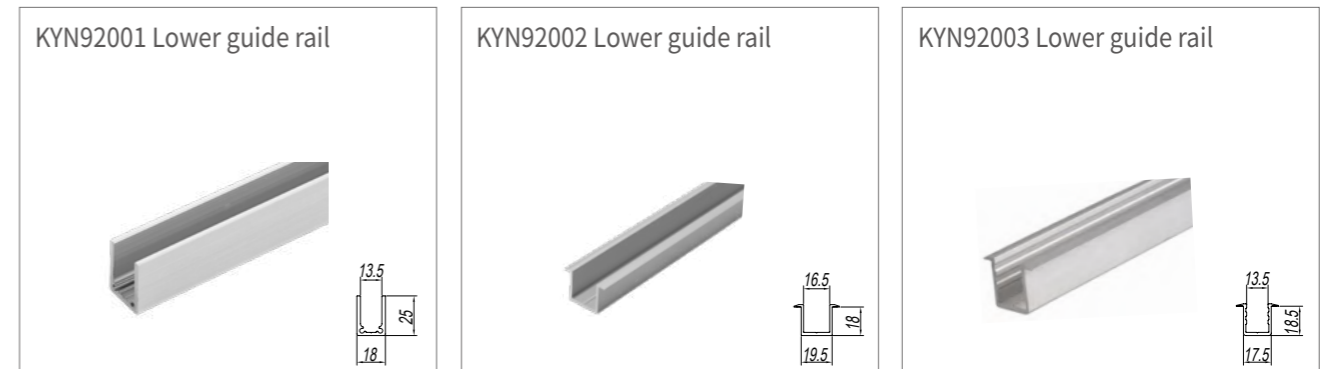
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Frame Sliding Door Accessories	KYW5550B	1set	
Flush pull	KLS935 series	1pair	Select accessories (See P337-339)

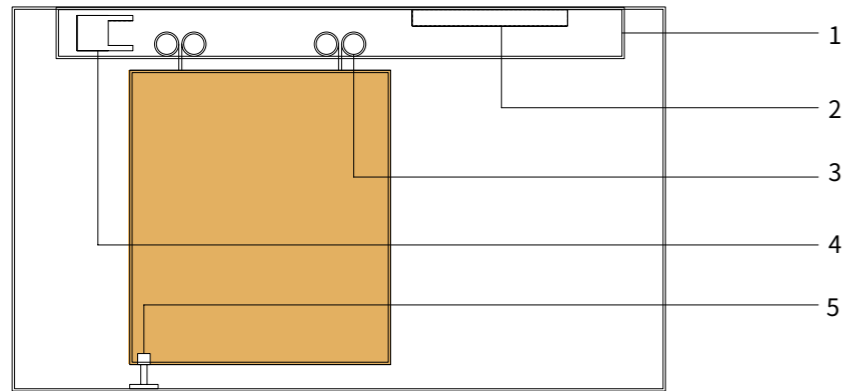
Hanging rail series



Lower guide rail series

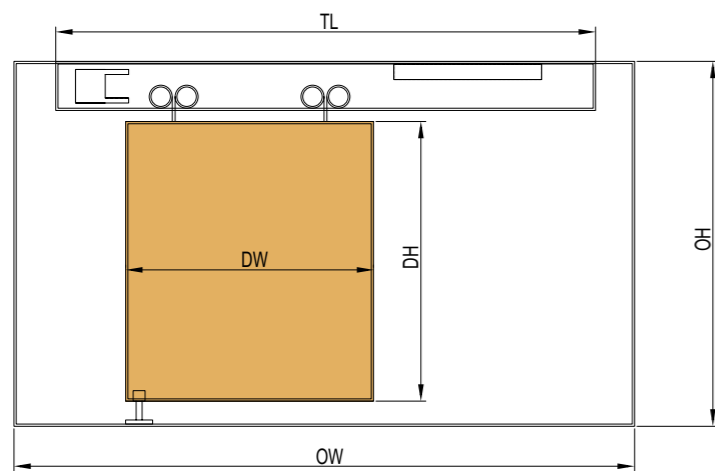


Noun definition



- 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 sash close slowly
- 3-Hanging wheel assembly
Sliding door operation and load-bearing components, usually composed of pulleys, bodies, fixing plates or galss patches
- 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

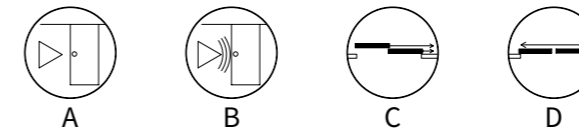
Size instruction



Door sash width DW Door opening width OW Door sash height DH
 Door opening height OH Hanging rail length TL

Functions

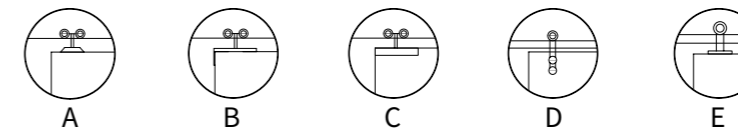
- A-Standard sliding door: single / double doors open in one direction
- B-buffer sliding door: when the door sash is opened or closed, there is a buffer effecton
- C-Synchronous co-directional linkage door: When one door is pulled, the other (multiple) is opened in the same direction
- D-Synchro-opposite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



Common fixing types for hanging wheel and door sash

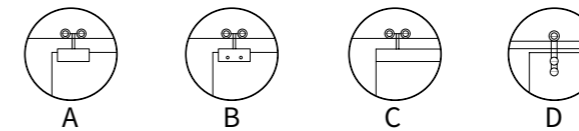
Wooden sliding door

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



Glass sliding door

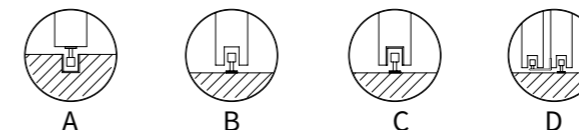
- A- short patch type: installed at a distance from the end of the door sash, no need to open the glass
- B-Short patch hole type: installed at a distance from the end of the door sash, the glass needs to drill holes
- C-Long patch type: The glass patch is generally the same width as the door lea
- D-Bracket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



Common installation types of Door bottom guide fitting

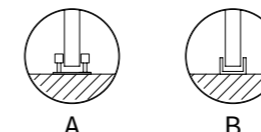
Wooden sliding door

- A-Floor slotted lower guide rail: Door bottom guide fitting is installed at the bottom of the door sash
- B-Floor-mounted Door bottom guide: slotted in the bottom of the door sash
- 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 sash (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



09

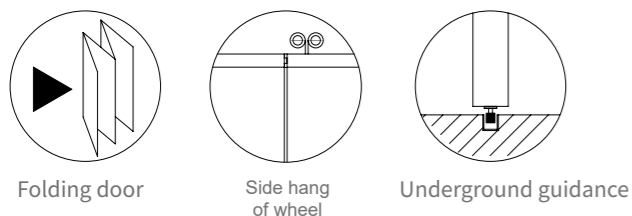
Folding door system



Glass folding door KZD11 series

Applicable maximum 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 sash 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 ± 3 mm, eliminating some site tolerance
 The standard configuration can only be opened and closed indoors. When outdoor opening and closing is required, increase the casement Sash
This series with Bottom guide rail
Glass needs opening hole

Technical Parameters

Applicable maximum door weight	60Kg
Applicable door thickness	10-12 mm
Applicable door width	600-800mm
Applicable door height	≤ 2400 mm

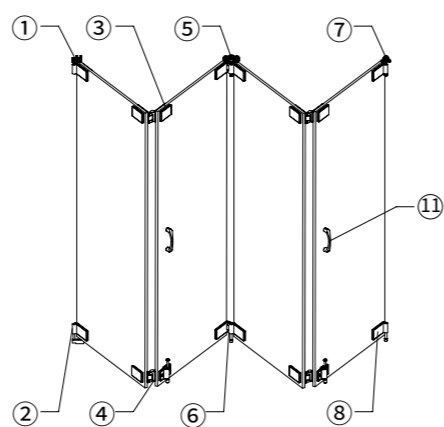
Main materials and surface treatment

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)
Folding hinge with wheel	Aluminum alloy (anodized, silver white), 304 stainless steel (natural color)
Glass door patch	Aluminum alloy (anodized, silver white), 304 stainless steel (natural color)
Pulley	Bearing GCr15 (natural color) + POM (white)

Accessory details



Configuration schematic



Required accessory

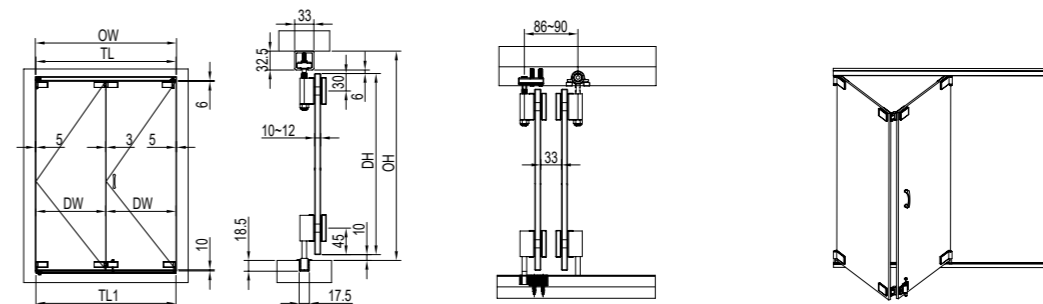
Hanging rail	KYN91004(See P309)
Bottom guide rail	KYN92003(See P310)

Select accessories

Handle	KLS45001、KLS45201(See P340)
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Schematic diagram of typical configuration types

One-way glass folding door



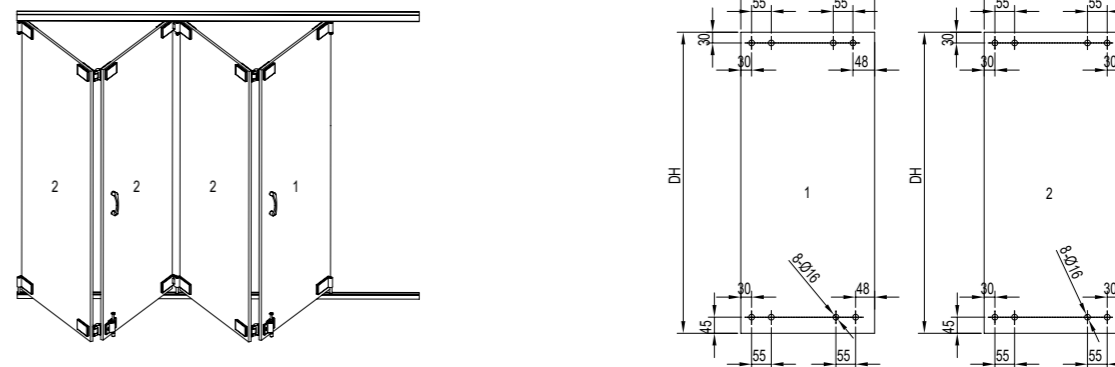
Product Model	KZD11200	KZD11400
Applicable door type	2 Sash one-way folding	4 Sash one-way folding
Schematic diagram		

Two-way glass folding door



Product Model	KZD11220	KZD11440
Applicable door type	4 Sash two-way folding	8 Sash 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

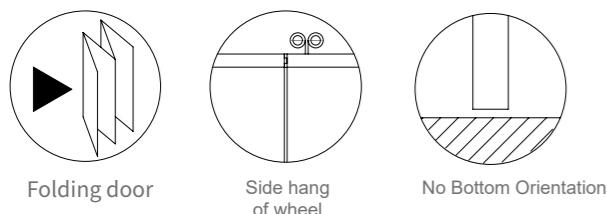
$$DH = OH - 48.5$$

$$TL = TL1 = OW - 5$$

Glass folding door KZD21 series

Applicable maximum 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 to larence
- 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 door weight	80Kg
Applicable door thickness	10、12 mm
Applicable door width	600~800mm
Applicable door height	≤ 2600 mm

Main materials and surface treatment

Hanging rail	Aluminum alloy (anodized, silver white)
Mounting	304 stainless steel (natural color)
Glass door patch	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)

Required accessory

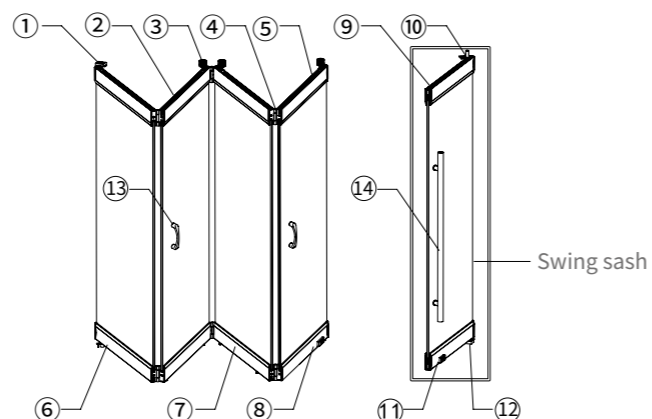
Hanging rail KYN91008(See P309)

Select accessories

Handle KLS45001、KLS45201(See P340)
 Floor Hinge Optional, order separately



Configuration schematic



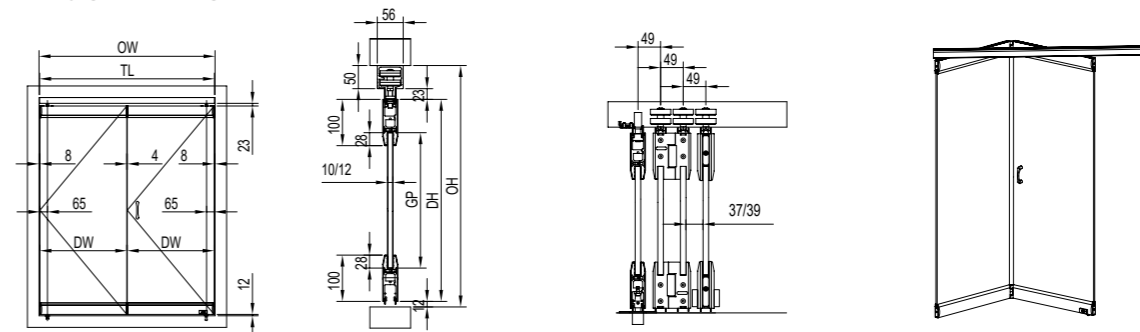
Configuration instructions:

Swing sash is not included in the standard configuration. Swing sash accessories must be ordered separately

Item	Product Name	Item	Product Name
1	Mounting	9	Swing sash upper patch
2	Middle Upper patch	10	Mounting
3	Universal wheel assembly	11	Bottom patch with lock(swing sash)
4	Connecting Hinge	12	Floor Hinge
5	Upper patch	13	Handle
6	Bottom patch	14	Stainless steel handle(Big)
7	Middle bottom patch	15	Hanging rail
8	Bottom patch with lock		

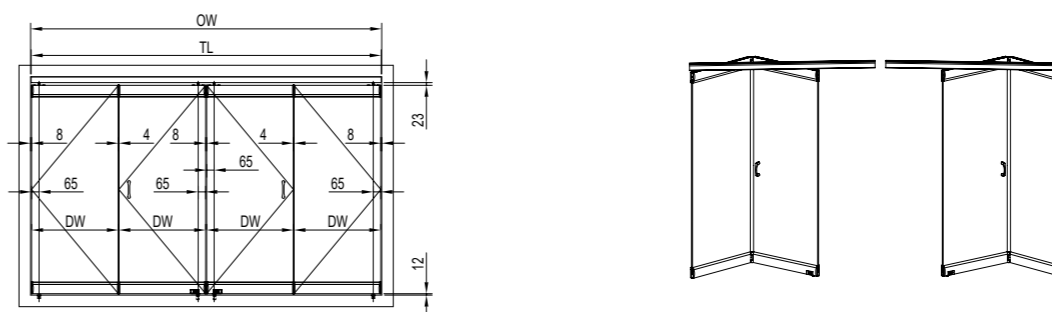
Schematic diagram of typical configuration types

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 glass folding doors



Product Model	KZD21220	KZD21420
Applicable door type	4 Sash two-way folding	6 Sash two-way folding
Schematic diagram		

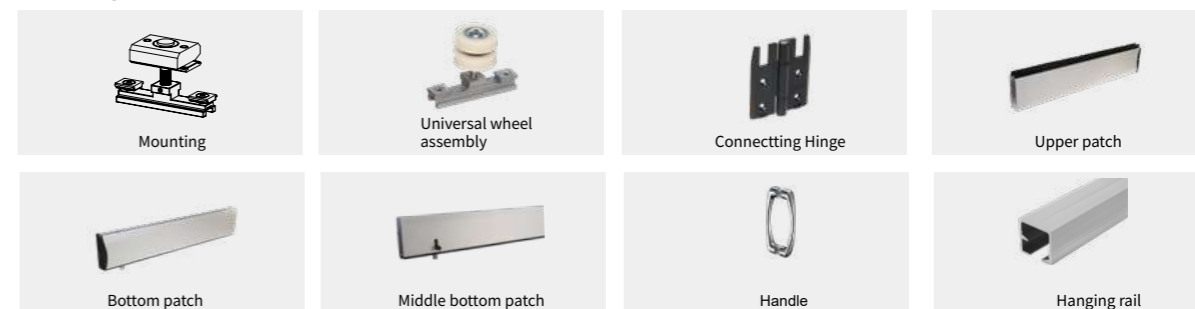
Dimension definition

Door sash height	DH
Doorway height	OH
Door sash width	DW
Glass door height	GP
Doorway width	OW
Rail length	TL

Calculation formula

$$GP=OH-229$$

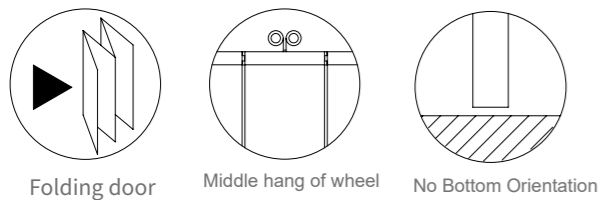
Accessories picture



Glass folding door KZD22 series

Applicable maximum 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 ± 4mm, eliminating some site to larence
- 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 door weight 80Kg
- Applicable door thickness 10、12 mm
- Applicable door width 600~1000mm
- Applicable door height ≤3000mm

Main materials and surface treatment

- Hanging rail Aluminum alloy (anodized, silver white)
- Mounting 304 stainless steel (natural color)
- Glass door patch 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)

Required accessory

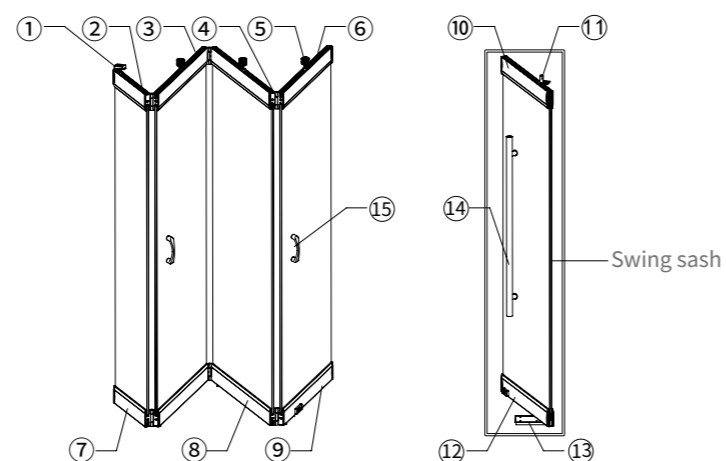
- Hanging rail KYN91008(See P309)

Select accessories

- Handle KLS45001、KLS45201(See P340)
- Floor Hinge Optional, order separately



Configuration schematic



Configuration instructions:

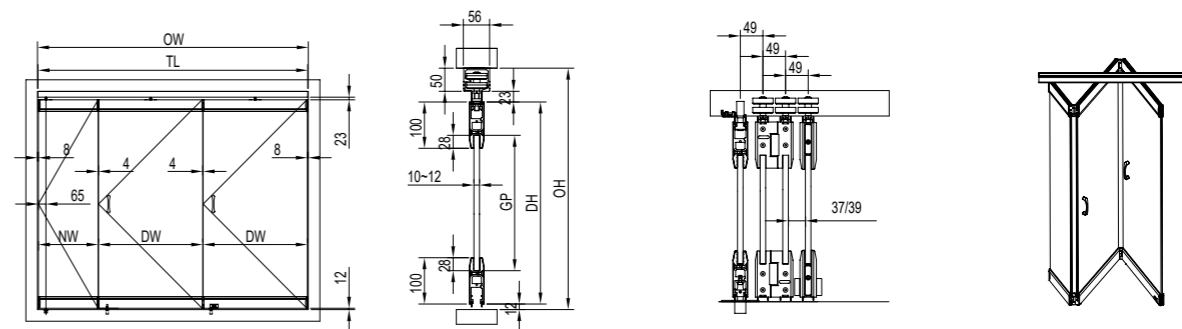
Swing sash is not included in the standard configuration. Swing sash accessories must be ordered separately
Swing sash accessories :KZD97001(Combination of Item numbers 10/11/12)

Accessory details

Item	Product Name	Item	Product Name
1	Mounting	9	Bottom patch with lock
2	Upper-Patch for Narrow door	10	Swing sash upper patch
3	Middle Upper-patch	11	Mounting
4	Connecting Hinge	12	Bottom patch with lock(swing sash)
5	Universal wheel assembly	13	Floor Hinge
6	Upper patch	14	Stainless steel handle(Big)
7	Bottom-Patch for Narrow Door	15	handle
8	Middle bottom patch	16	Hanging rail

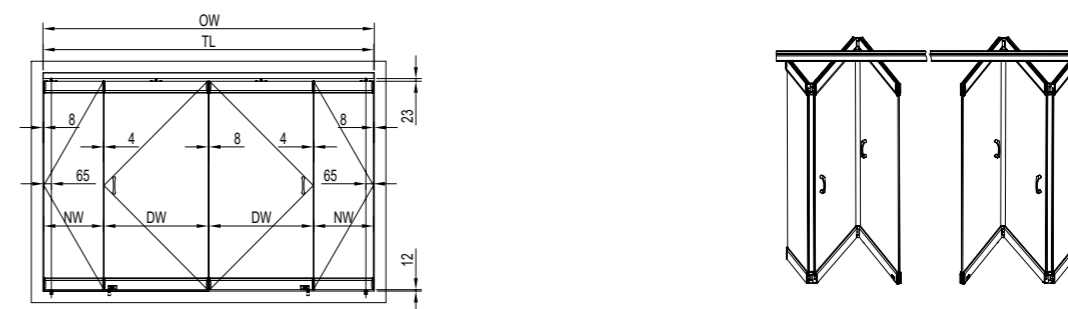
Schematic diagram of typical configuration types

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(L)					

Two-way glass folding doors



Product Model	KZD22220	KZD22330	KZD22440	KZD22550	KZD22660
Applicable door type	4Sash two-way folding	6Sash two-way folding	8Sash two-way folding	10Sash two-way folding	12Sash two-way folding
Schematic diagram					

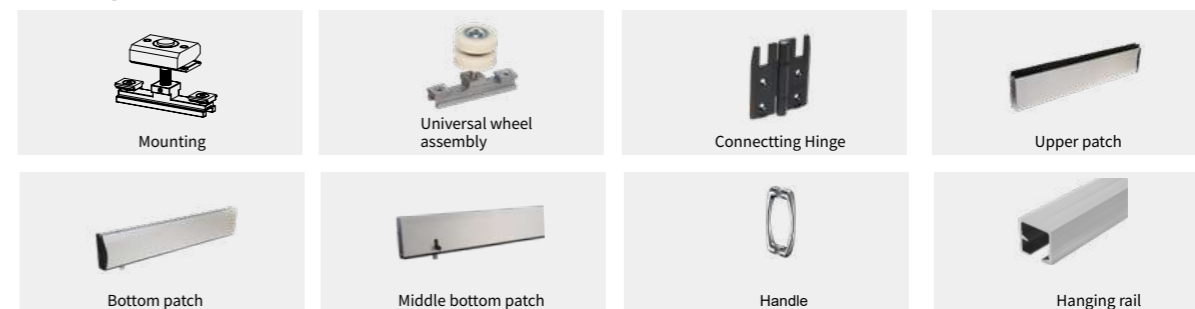
Dimension definition

- Doorway height OH
- Doorway width OW
- Door sash height DH
- Door sash width DW
- Glass door height GP
- Narrow door sash width NW
- Rail length TL

Calculation formula

- $GP=OH-229$
- $NW=DW/2+65$

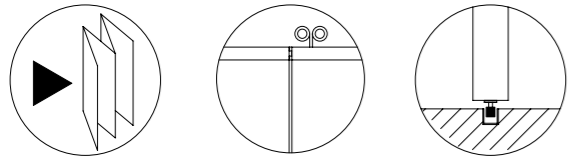
Accessories picture



Glass folding door KZD24 series

Applicable maximum door weight 80Kg

Sliding door function diagram



Folding door Side hang of wheel Under-door guide

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 sash 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 to larence
- The patch is a short patch style, standard size, installed on the left and right sides of the door sash.
- The size of the decorative cover can be customized according to the width of the door sash, or it can be cut by the customer

Glass needs opening hole

Technical Parameters

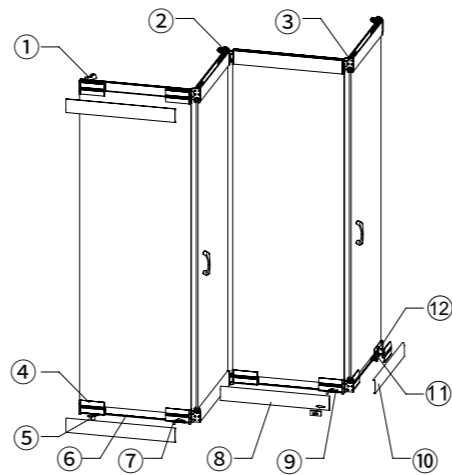
Applicable maximum door weight	80Kg
Applicable door thickness	10、12mm
Applicable door width	600~900mm
Applicable door height	≤ 2800 mm

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 (satin)
Glass door patches	Aluminum alloy (anodized, silver white)
Decorative cover	Aluminum alloy (anodized, silver white)
Lower guide assembly	Stainless steel (natural color)
End cover assembly	Stainless steel (satin)
Pulley	Bearing GCr15 (natural color) + POM (white)



Configuration schematic



Required accessory

Hanging rail	KYN91002(See P309)
Bottom guide rail	KYN92003(See P310)

Select accessories

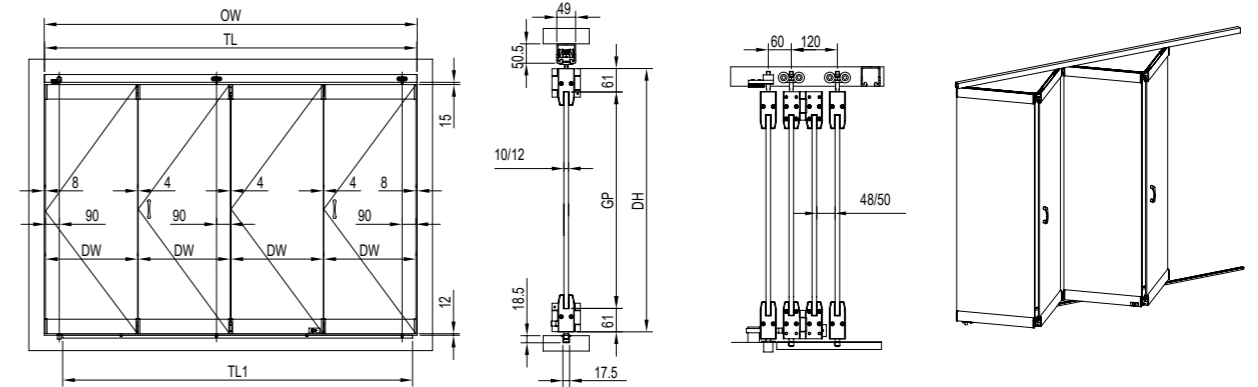
Handle	KLS45001、KLS45201(See P340)
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Accessory details



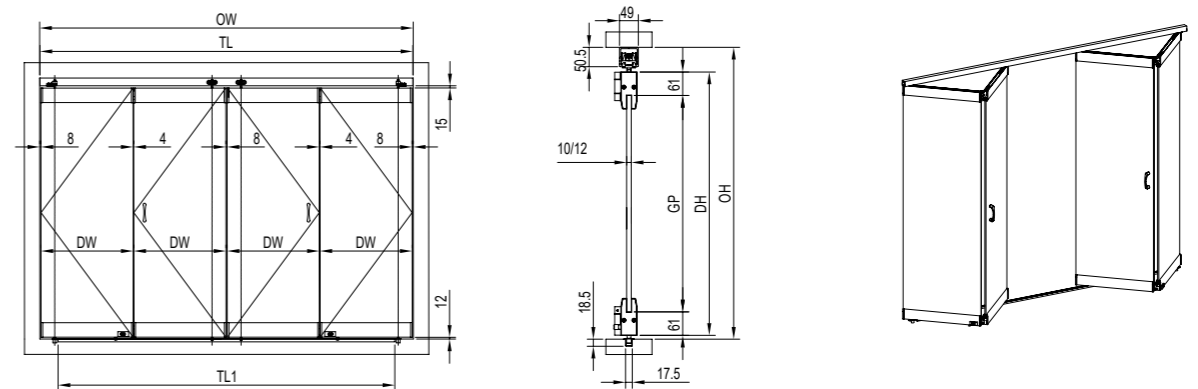
Schematic diagram of typical configuration types

One-way glass folding door



Product Model	KZD24200	KZD2440L/R	KZD2460L/R
Applicable door type	2 Sash one-way folding	4 Sash one-way folding	6 Sash one-way folding
Schematic diagram(L)			

Two-way glass folding doors



Product Model	KZD24220	KZD2442L/R
Applicable door type	4 Sash two-way folding	6 Sash two-way folding
Schematic diagram(L)		

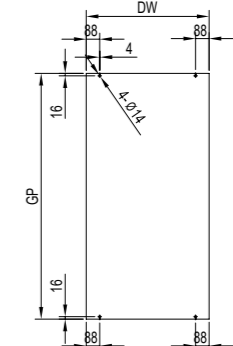
Dimension definition

Doorway height	OH
Doorway width	OW
Door sash height	DH
Wide door sash width	DW
Glass door height	GP
Rail length	TL
Bottom guide rail length	TL1

Calculation formula

GP=OH-200
TL=OW-5
TL1(one-way opening)=OW-170
TL1(two-way opening)=OW-260

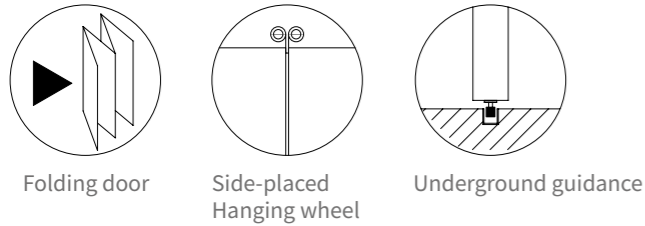
Opening Diagram of glass



Wooden folding doors KZD51 series

Applicable maximum 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
 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 sash 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 to lerance

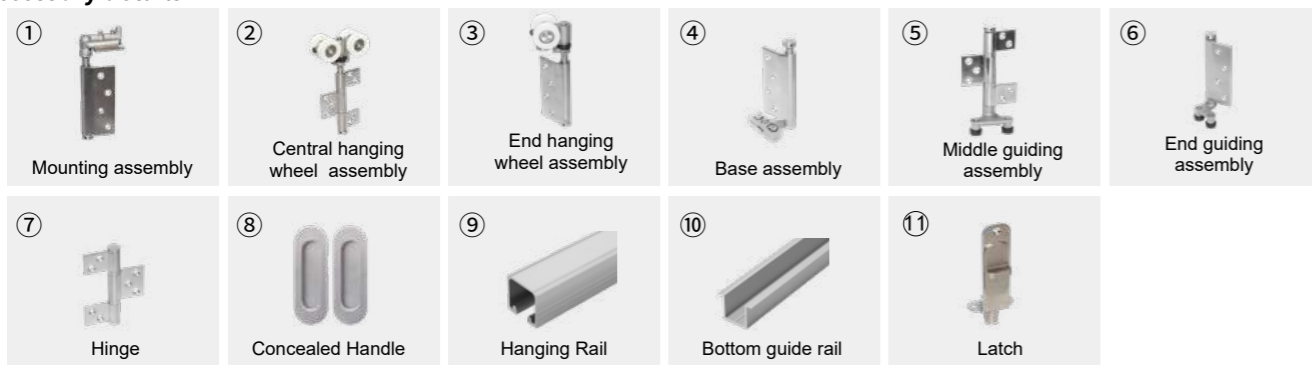
Technical Parameters

Applicable maximum door weight 80Kg
 Applicable door thickness 40-50mm
 Applicable door width 600~900mm
 Applicable door height ≤ 3300 mm

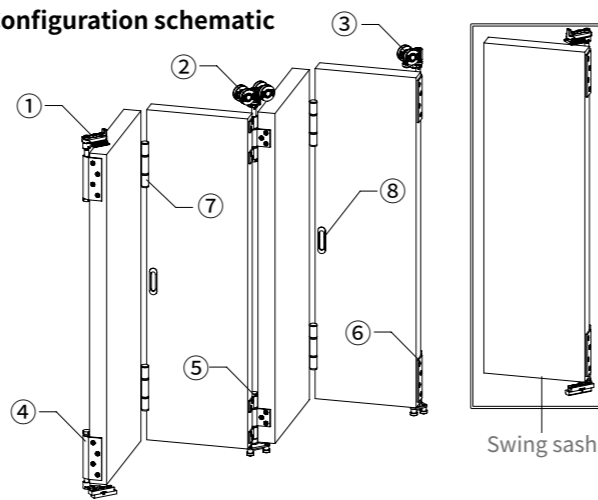
Main materials and surface treatment

Main parts 304 stainless steel (natural color)
 Hinge 304 stainless steel (satin)
 Hanging Rail Aluminum alloy (anodized, silver white)
 Bottom guide rail Aluminum alloy (anodized, silver white)
 Latch 304 stainless steel (satin)+zinc alloy (nickel plated)
 Pulley Bearing GCr15 (natural color) + POM (white)

Accessory details



Configuration schematic



Configuration intructions:

1. Swing sash is not included in the standard configuration. Swing sash accessories must be ordered separately.
2. Door height ≤ 2400 mm, order according to the standard configuration product model.
3. Door height > 2400 mm, add a hinge in the middle of the door sash (model KZD5120L-03, order separately).
4. Number of hinges = Number of one-way folding sash - 1.

Required accessory

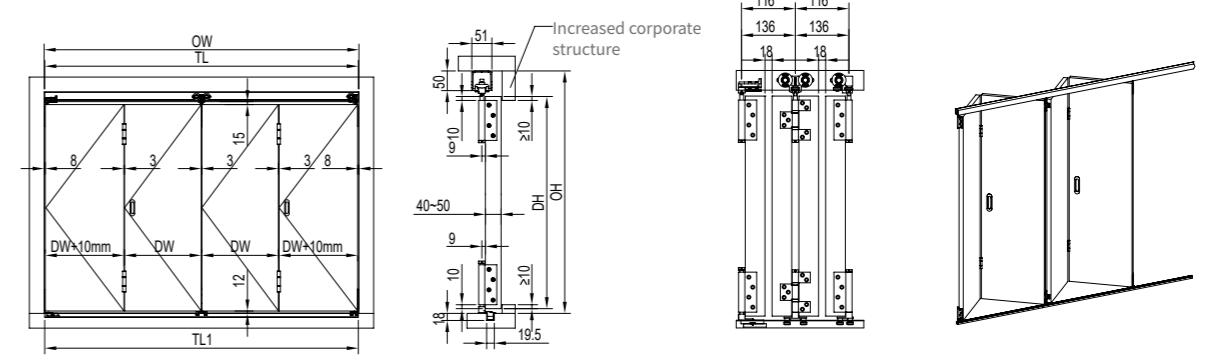
Hanging Rail KYN91002(See P309)
 Bottom guide rail KYN92002(See P310)

Select accessories

Concealed Handle KLS935 series(See P337-339)

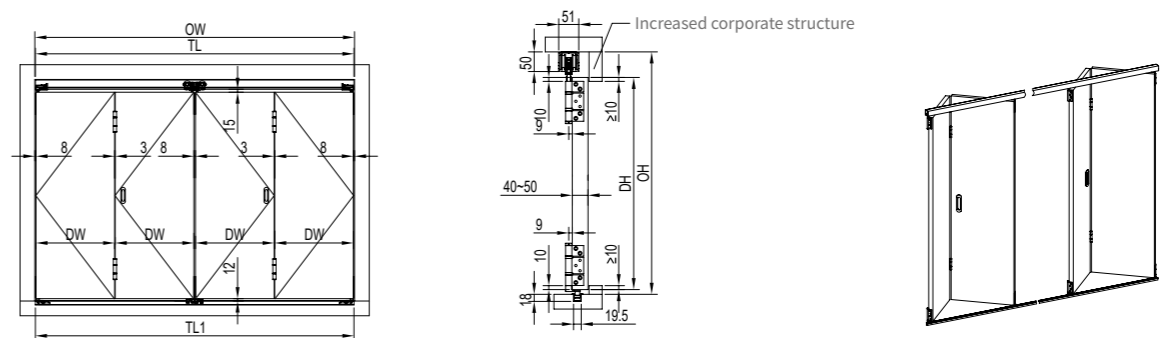
Schematic diagram of typical configuration types

One-way wooden folding door



Product Model	KZD5120 L/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 (L)					

two-way wooden folding doors



Product Model	KZD51220	KZD51330	KZD51440	KZD51550	KZD51660
Applicable door type	4Sash two-way folding	6Sash two-way folding	8Sash two-way folding	10Sash two-way folding	12Sash 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

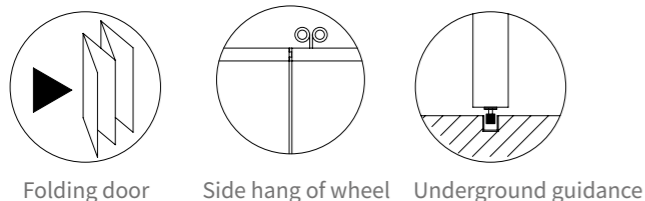
Calculation formula

DH=OH-77
 TL=TL1=OW-5

Wooden folding doors KZD63 series

Applicable maximum 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 to act as an interior screen
 The ground guide rail keeps the door stable while sliding and standing
 With vientiane wheel design, push and pull light and smooth super quiet
 The pulley has high toughness, self-lubricating function and shock-absorbing and quiet
 After the door is closed, the hinge is hidden, the sealing function is better, beautiful without losing practicality
 Height adjustable ± 4 mm, hinge three-dimensional adjustable, eliminate part of the field error

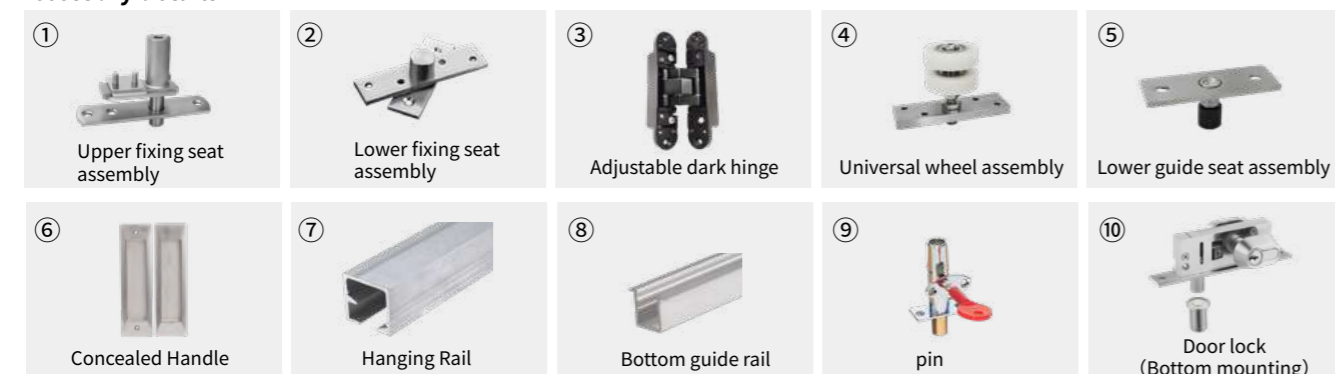
Technical Parameters

Applicable maximum door weight	80Kg
Applicable door thickness	40-50mm
Applicable door width	600~900mm
Applicable door height	≤ 2600 mm

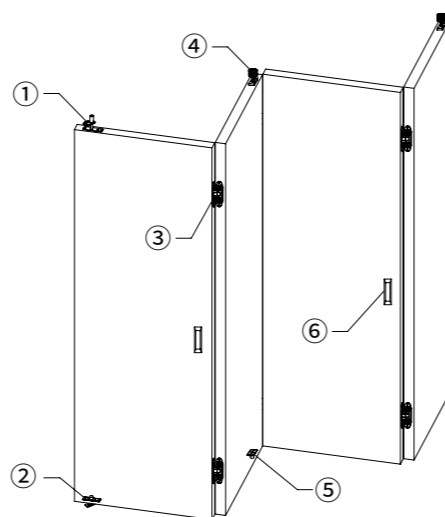
Main materials and surface treatment

Hanging Rail : Aluminum alloy (anodized, silver white)
 Bottom guide rail : Aluminum alloy (anodized, silver white)
 Upper fixing seat assembly: Stainless steel (Satin)
 Universal wheel assembly: Stainless steel(natural color) + POM (white)
 Lower fixing seat assembly: Stainless steel (Satin)
 Adjustable dark hinge : Zinc alloy (black)
 Lower guide seat assembly: Stainless steel (Satin) + POM (black)
 pin: High quality carbon steel (Electroplating, bright nickel)

Accessory details



Configuration schematic



Required accessory

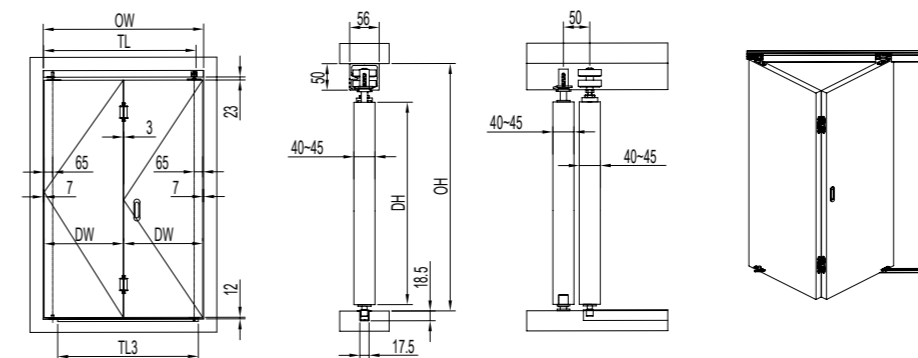
Hanging Rail	KYN91008 (See P310)
Bottom guide rail	KYN92003(See P310)

Select accessories

Concealed Handle	KLS935 series(See P337-339)
Door lock	KMS52030

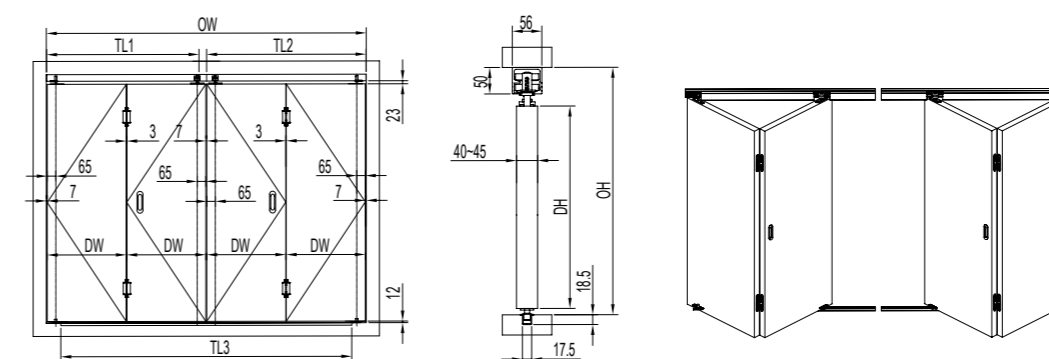
Schematic diagram of typical configuration types

One way wooden folding door



Product Model	KZD63200	KZD63400	KZD63600
Applicable door type	2 Sash one-way folding	4 Sash one-way folding	6 Sash one-way folding
Schematic diagram			

Double wooden folding door



Product Model	KZD63220	KZD63420
Applicable door type	4 Sash two-way folding	6 Sash 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	TL3

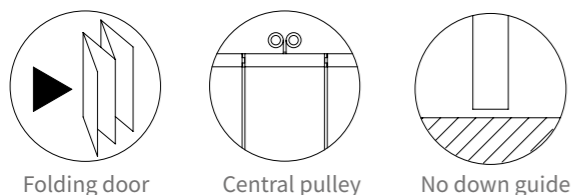
Calculation formula

DH=OH-85
TL (One-way opening) =OW-60
TL1=TL2(Two-way opening)=OW/2-35
TL3 (One-way opening) =OW-150 TL3 (Two-way opening) =OW-220

Wooden folding doors KZD64 series

Applicable maximum 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 to act as an interior screen
 The ground guide rail keeps the door stable while sliding and standing
 With vientiane wheel design, push and pull light and smooth super quiet
 The pulley has high toughness, self-lubricating function and shock-absorbing and quiet
 After the door is closed, the hinge is hidden, the sealing function is better, beautiful without losing practicality
 Height adjustable ± 4 mm, hinge three-dimensional adjustable, eliminate part of the field error

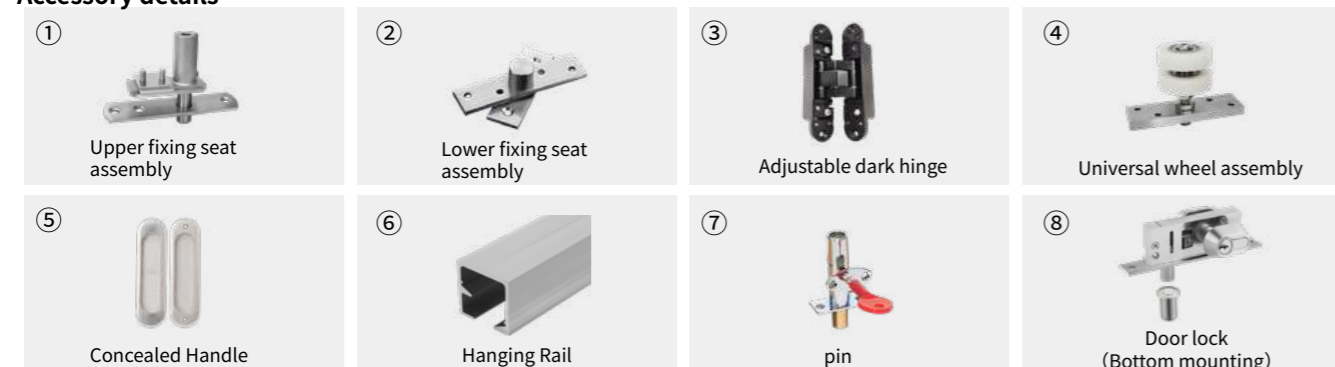
Technical Parameters

Applicable maximum door weight	80Kg
Applicable door thickness	40-50mm
Applicable door width	600~900mm
Applicable door height	≤ 2600 mm

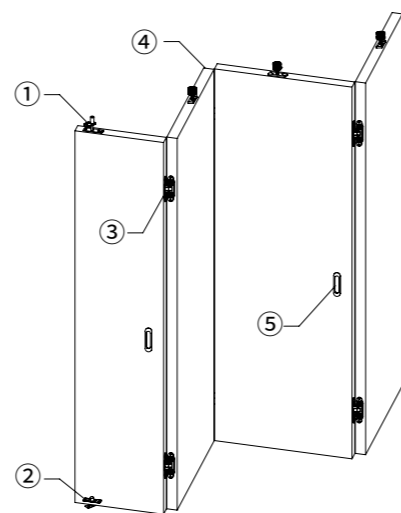
Main materials and surface treatment

Hanging Rail : Aluminum alloy (anodized, silver white)
 Bottom guide rail : Aluminum alloy (anodized, silver white)
 Upper fixing seat assembly: Stainless steel (Matte)
 Universal wheel assembly: Stainless steel(natural color) + POM (white)
 Lower fixing seat assembly: Stainless steel (Matte)
 Adjustable dark hinge : Zinc alloy (black)
 pin: High quality carbon steel (Electroplating, bright nickel)

Accessory details



Configuration schematic



Required accessory

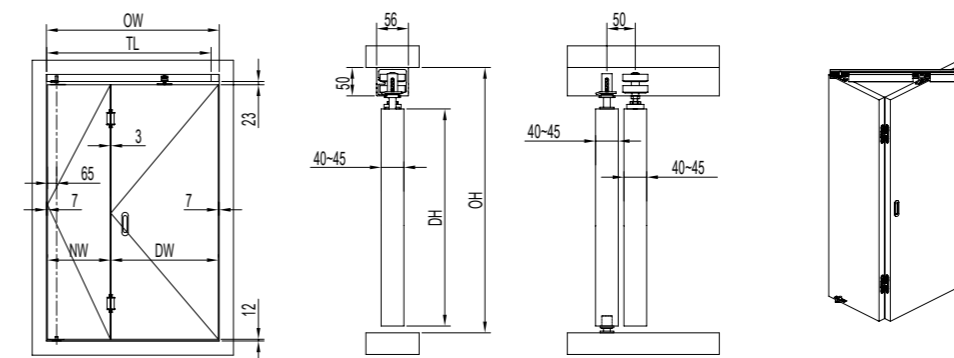
Hanging Rail KYN91008 (See P310)

Select accessories

Concealed Handle KLS935 series(See P337-339)
 Door lock KMS52030

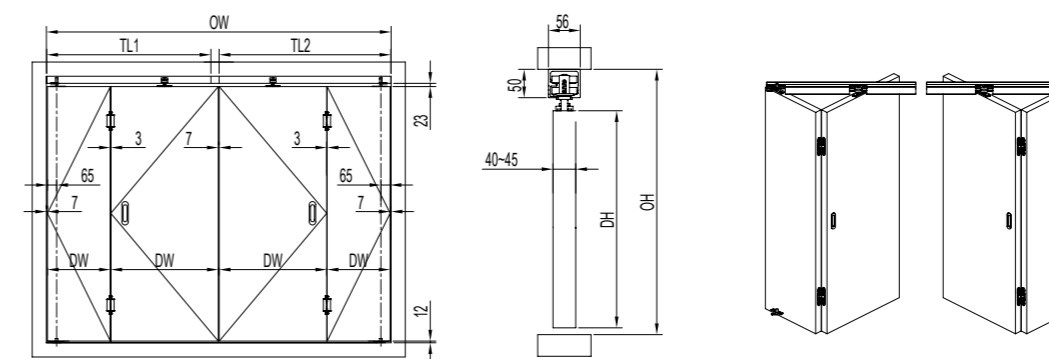
Schematic diagram of typical configuration types

One way wooden folding door



Product Model	KZD64200	KZD64300	KZD64400	KZD64500	KZD64600
Applicable door type	2 Sash one-way folding	3 Sash one-way folding	4 Sash one-way folding	5 Sash one-way folding	6 Sash one-way folding
Schematic diagram					

Double wooden folding door



Product Model	KZD64220	KZD64330	KZD64440	KZD64550	KZD64660
Applicable door type	4 Sash two-way folding	6 Sash two-way folding	8 fan two-way folding	10 Sash two-way folding	12 Sash two-way folding
Schematic diagram					

Dimension definition

Door sash height DH
 Doorway height OH
 Door sash width DW
 Doorway width OW
 Rail length TL

Calculation formula

DH=OH-85
 TL (One-way opening) =OW-60
 TL1 (Two-way opening) =OW/2-58
 TL2 (Two-way opening) =OW/2-5

10

Movable partition system



Glass movable partition system KHD11/12 series

Applicable maximum door weight 125Kg

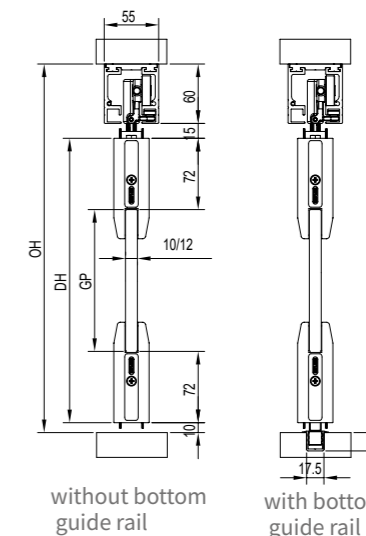
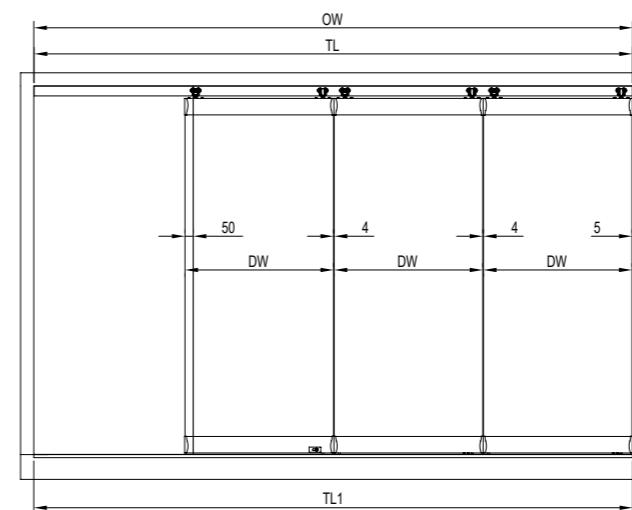
Technical Parameters

- 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 sash stable in sliding and standing state
- No bottom guide rail, beautiful floor, easy to clean
- Pulley with high tenacity, elasticity, self-lubricating functions and mutec vibration reduction
- Unilateral hanging wheel can make the movable sash automatically smooth corner
- The door sash 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 use scenario and indoor layout

No openings hole required for glass



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
- Bottom guide rail length TL1

Calculation formula

$$DH = OH - 85$$

$$GP = OH - 230$$

TL is depended on the actual situation

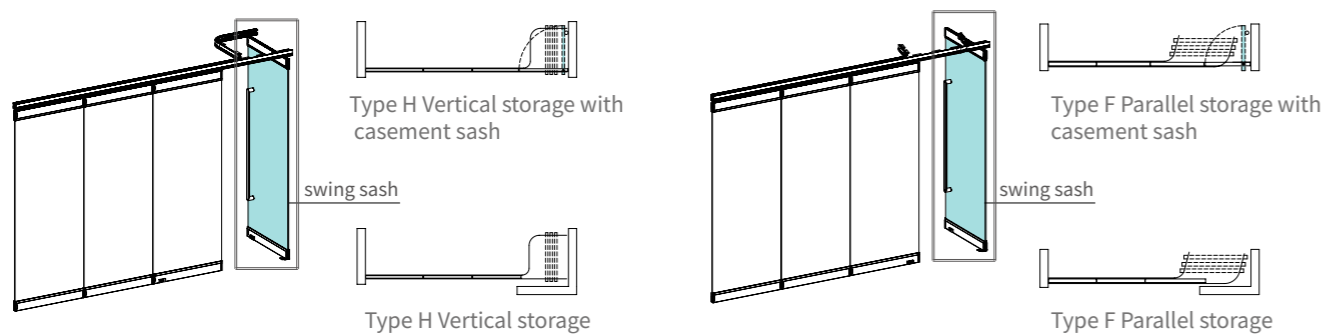
Technical Parameters

- Applicable door weight 125Kg
- Applicable door thickness 10/12 mm
- Applicable door height ≤2500mm(without bottom guide rail) >2500mm(with bottom guide rail)
- Applicable door width 600-1200mm

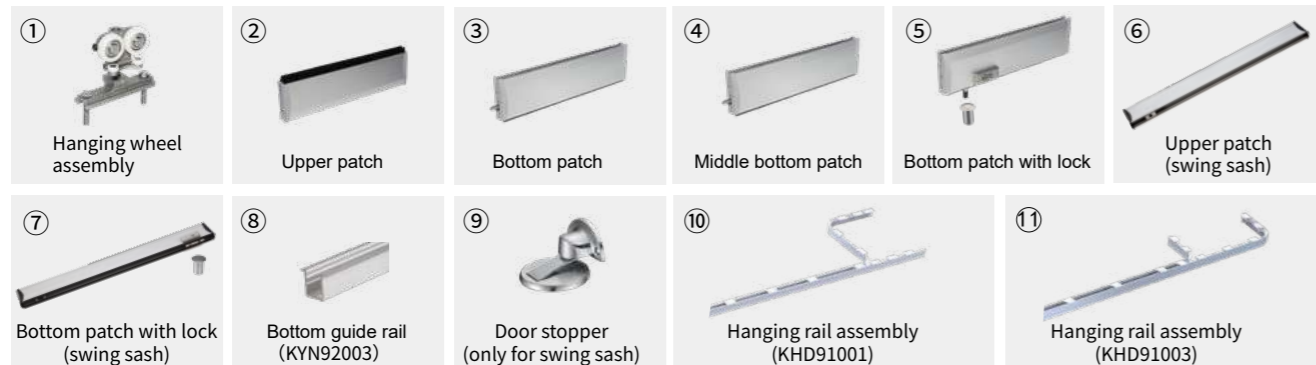
Main materials and surface treatment

- Pulley Bearing GCr15 (natural color) + POM (white)
- Hanging wheel body 304 stainless steel (natural color)
- Glass patch Aluminum alloy (anodized, silver white)
- Positioning parts 304 stainless steel (natural color)
- Hanging rail Aluminum alloy (anodized, silver white)
- Bottom guide rail Aluminum alloy (anodized, silver white)

Configuration schematic



Accessory details



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)

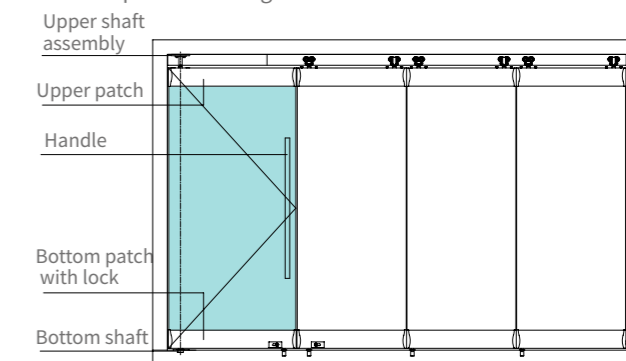
H type with bottom guide rail configuration

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)

Movable partition swing sash accessories KHD96001



Configuration intructions:

- Swing sash is not included in the standard configuration. When you need the swing sash accessories KHD96001 must be ordered separately.
- Swing sash accessories includes upper shaft assembly, upper patch, bottom patch with lock, and bottom shaft each.
- The swing sash must be equipped with a handle. The handle must be ordered separately, only KLS454 (see P205) applicable.
- Swing sash must be equipped with door stopper. Door stopper must be ordered separately. Recommended models SMX12215.

Accessory name	Upper shaft assembly	Upper patch	Bottom patch with lock	Bottom shaft
Diagram				

Wooden movable partition system KHD51/52 series

Applicable maximum door weight 125Kg

Technical Parameters

Suitable for unidirectional or bidirectional wooden partition
 Suitable for commercial and public areas
 Select the corresponding vertical or parallel storage form according to the site environment
 Each door can slide independently to meet a variety of usage scenarios
 The lifting rail adopts the separation of guide and load bearing and the design of arc angle, so that the complex movable fan can slide easily and smoothly
 The lower guide rail provides stability for sliding and standing doors
 No lower guide rail, beautiful floor, easy to clean
 The pulley has high toughness, elasticity, self-lubricating function and vibration absorption and silence
 The single side lifting wheel can make the movable fan automatically smooth the angle
 Door connecting component is hidden design, overall beautiful, convenient installation, easy adjustment
 Configure flat fans based on the application scenario and indoor layout



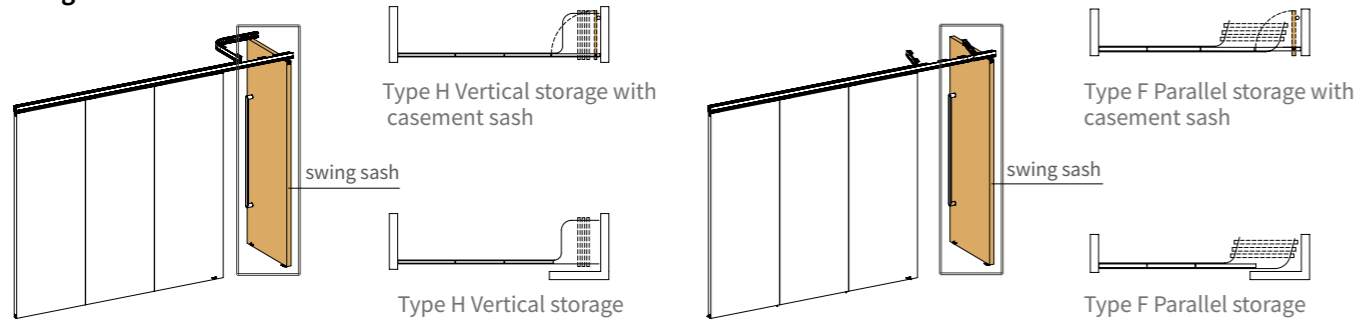
Technical Parameters

Applicable door weight 125Kg
 Applicable door thickness 40-60 mm
 Applicable door height ≤2500mm ((without bottom guide rail)
 >2500mm (With bottom guide rail)
 Applicable door width 600-1200mm

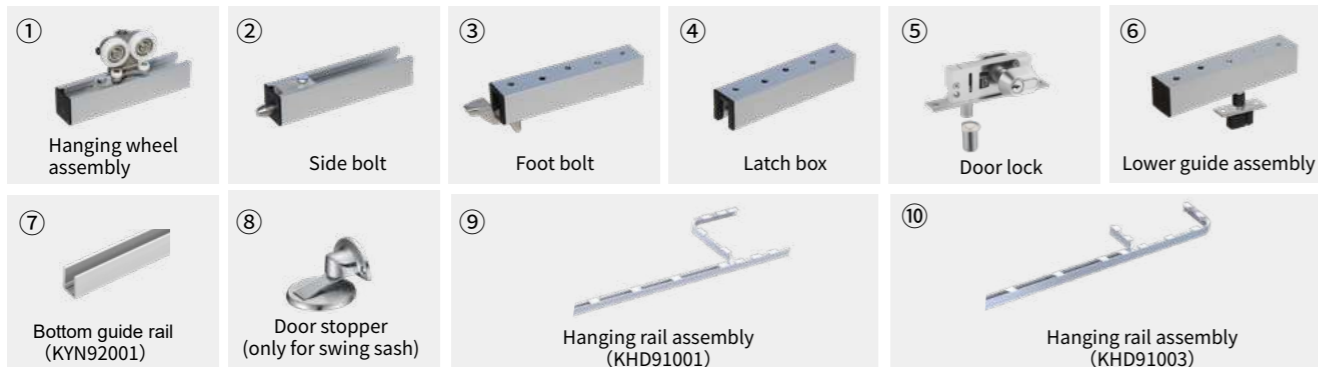
Main materials and surface treatment

Pulley Bearing GCr15 (natural color) + POM (white)
 Hanging wheel body 304 stainless steel (natural color)
 Fixed tank Aluminum alloy (anodized, silver white)
 Positioning parts 304 stainless steel (natural color)
 Hanging rail Aluminum alloy (anodized, silver white)
 Bottom guide rail Aluminum alloy (anodized, silver white)

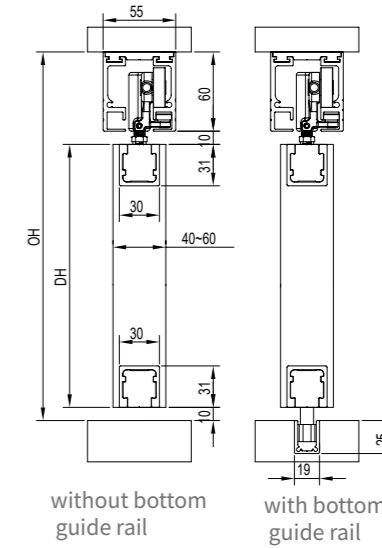
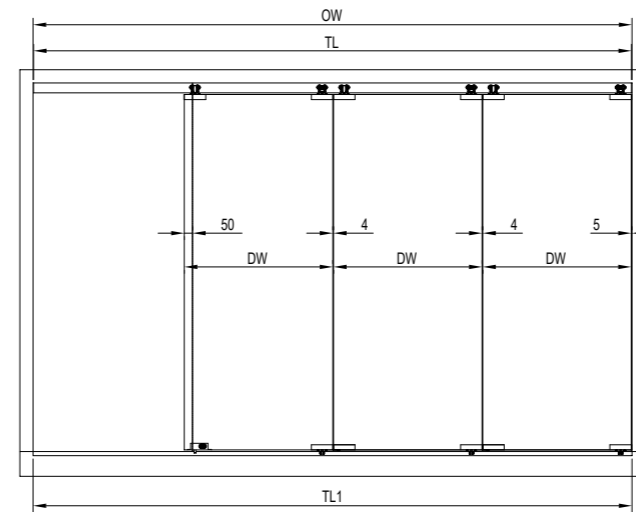
Configuration schematic



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
 Bottom 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

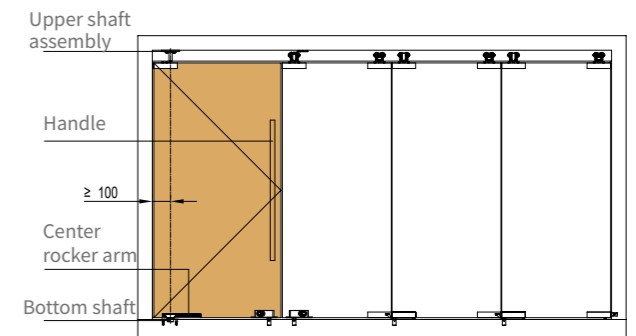
H type with bottom guide rail configuration

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

Movable partition swing sash accessories KHD96004



Configuration instructions:

- Swing sash is not included in the standard configuration. When you need the swing sash accessories KHD96004 must be ordered separately.
- Flat fan fitting KHD96004 includes an upper shaft assembly, a center rocker arm and a lower shaft each
- The swing sash must be equipped with a handle. The handle must be ordered separately, only KLS454 (see P205) applicable.
- Swing sash must be equipped with door stopper. Door stopper must be ordered separately. Recommended models SMX12215.

Accessory name	Upper shaft assembly	Center rocker arm	Bottom shaft
Diagram			

11

Accessory



Concealed handle series

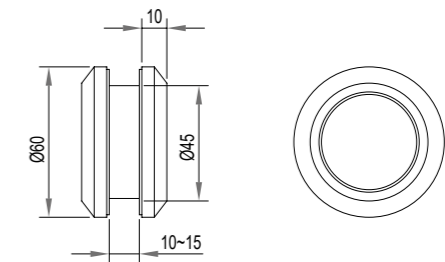


KLS93104 Concealed handle

Technical Parameters

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

Dimensions

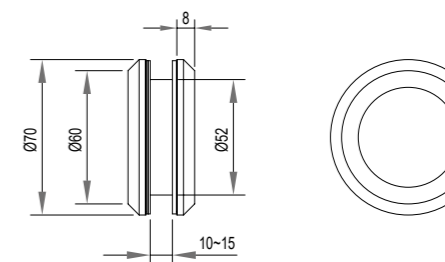


KLS93105 Concealed handle

Technical Parameters

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

Dimensions



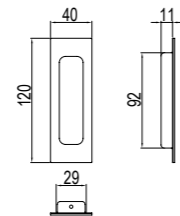


KLS93502 Concealed handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden sliding door
 Applicable minimum door thickness: 30mm
 Slotting dimension: 94*29*11mm

Dimensions

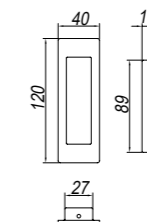


KLS93523 Concealed handle

Technical Parameters

Main Material: Zinc alloy
 Surface Finish: Black, Nickel brushed, Bronze
 Applicable Door Type: Wooden sliding door
 Applicable Door Thickness: 30mm
 Slotting dimension: 91*29*11mm

Dimensions

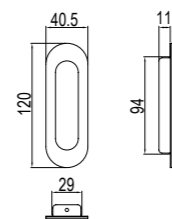


KLS93504 Concealed handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin
 Applicable Door Type: Wooden sliding door
 Applicable minimum door thickness: 30mm
 Slotting dimension: 94*29*11mm

Dimensions

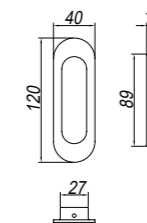


KLS93524 Concealed handle

Technical Parameters

Main Material: Zinc alloy
 Surface Finish: Black, Nickel brushed, Bronze
 Applicable Door Type: Wooden sliding door
 Applicable Door Thickness: 30mm
 Slotting dimension: 91*29*11mm

Dimensions



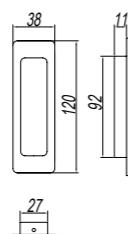


KLS93530 Concealed handle NEW

Technical Parameters

Main Material: Aluminium alloy
 Surface Finish: Silver white, Black
 Applicable Door Type: Wooden sliding door
 Applicable minimum door thickness: 30mm
 Slotting dimension: 94*28*11mm

Dimensions

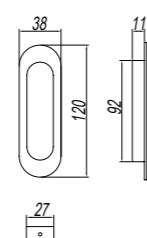


KLS93531 Concealed handle NEW

Technical Parameters

Main Material: Aluminium alloy
 Surface Finish: Silver white, Black
 Applicable Door Type: Wooden sliding door
 Applicable minimum door thickness: 30mm
 Slotting dimension: 94*28*11mm

Dimensions



Sliding door handle series

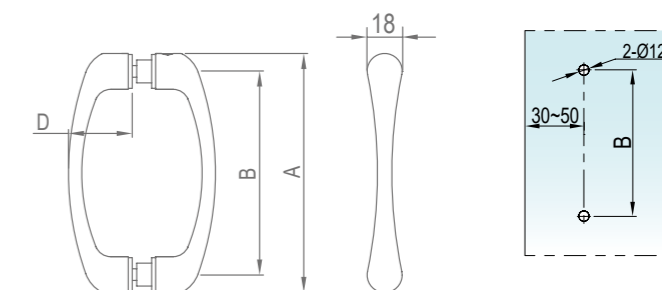


KLS45001 Sliding door handle

Technical Parameters

Main Material: S.S 304
 Surface Finish: Satin / Mirror
 Applicable Door Type: Glass folding door, Glass sliding door
 Applicable Door Thickness: 8-12mm
 Drilling Size: Φ12mm

Dimensions



Specification

Code	KLS45001
A(mm)	123
B(mm)	105
C(mm)	—
D(mm)	30

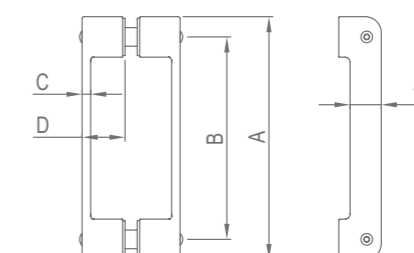


KLS45201 Sliding door handle

Technical Parameters

Main Material: Zinc alloy
 Surface Finish: **Silver flash (SH-A74649)**
 Applicable Door Type: Glass folding door, Glass sliding door
 Applicable Door Thickness: 10-12mm
 Drilling Size: Φ12mm

Dimensions



规格尺寸

型号	KLS45201
A(mm)	150
B(mm)	125
C(mm)	—
D(mm)	27

Sliding door handle series

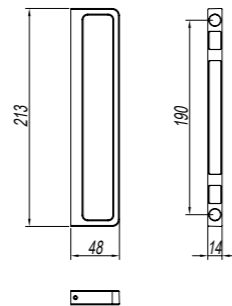


KLS94503 Sliding door handle

Technical Parameters

Main Material: Aluminum alloy
 Surface Finish: Black
 Applicable Door Type: 16mm narrow frame sliding door
 Installation location: the middle of the door sash

Dimensions

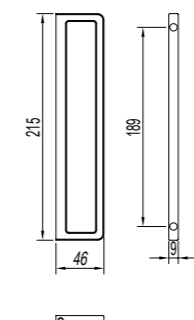


KLS94504 Sliding door handle

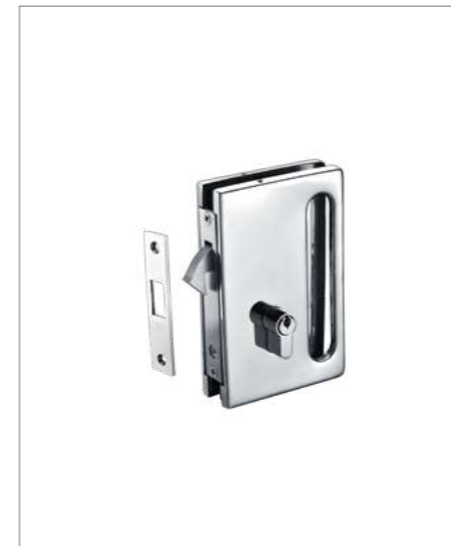
Technical Parameters

Main Material: Aluminum alloy
 Surface Finish: Black
 Applicable Door Type: 16mm narrow frame sliding door
 Installation location: the middle of the door sash

Dimensions



Sliding door lock series

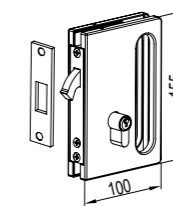


KMS21030 Sliding glass door lock

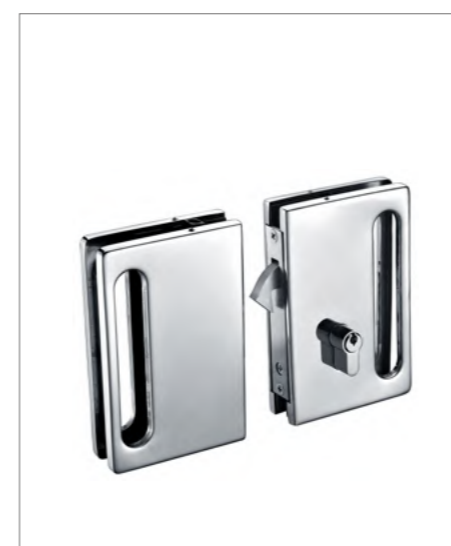
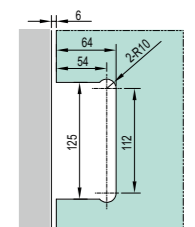
Technical Parameters

Main Material: The inner core is made of the high strength aluminum alloy
 Decorative cover is made of the SS304
 Surface Finish: Satin / Mirror
 Applicable Door Type: Glass sliding door
 Applicable Door Thickness: 10-12mm
 Lock form: indoor use knob lock, open, outdoor use key
 Installation location: the middle of the door sash

Dimensions



Hole drawing

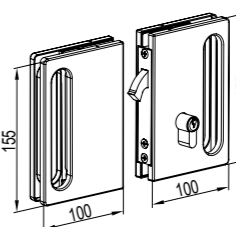


KMS21040 Sliding glass door lock

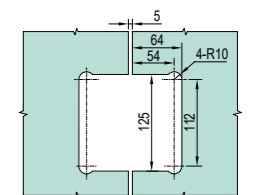
Technical Parameters

Main Material: The inner core is made of the high strength aluminum alloy
 Decorative cover is made of the SS304
 Surface Finish: Satin / Mirror
 Applicable Door Type: Glass sliding door
 Applicable Door Thickness: 10-12mm
 Lock form: indoor use knob lock, open, outdoor use key
 Installation location: the middle of the door sash

Dimensions



Hole drawing



Sliding door lock series

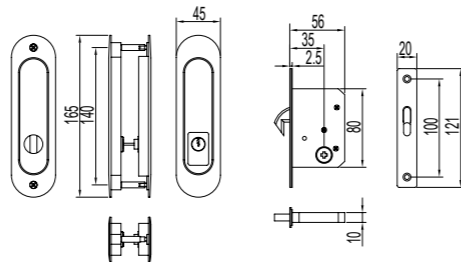


KMS61040 Sliding door lock

Technical Parameters

Main Material: Zinc alloy
 Surface Finish: Spray black, nickel brushed, bronze
 Applicable Door Type: Wooden sliding door
 Applicable Door Thickness: 38~50mm
 Locking form: Indoor use knob locking, opening
 Use keys to lock and open outdoors
 Installation location: the middle of the door sash

Dimensions

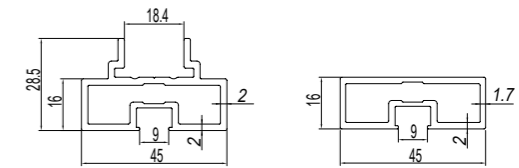


KYN97004 Narrow frame door assembly

Technical Parameters

Main Material: Aluminium alloy
 Surface Finish: Flat black
 Applicable Door Thickness: ≤8mm

Dimensions



Product Configuration Table (Single door)

Accessories name	Code	Quantity
Rail	KYN97004-01	2
Mullion	KYN97004-02	2
Corner code element (With screws)	KYN97004-03	4

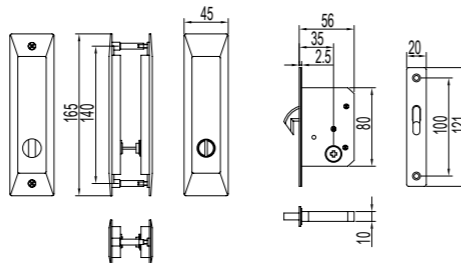


KMS61050 Sliding door lock

Technical Parameters

Main Material: Zinc alloy
 Surface Finish: Spray black, nickel brushed, bronze
 Applicable Door Type: Wooden sliding door
 Applicable Door Thickness: 38~50mm
 Locking form: indoor use knob can be locked; in emergency situations, use coins or other flat hard objects to open the door outside
 Installation location: the middle of the door sash

Dimensions

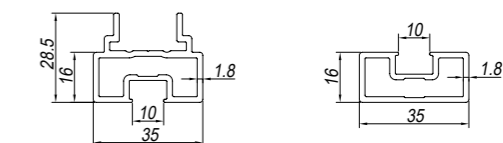


KYN97015 Narrow frame door assembly

Technical Parameters

Main Material: Aluminium alloy
 Surface Finish: Flat black
 Applicable Door Thickness: ≤8mm

Dimensions



Product Configuration Table (Single door)

Accessories name	Code	Quantity
Rail	KYN97015-01	2
Mullion	KYN97015-02	2
Corner code element	KYN97015-04	4
Cross countersunk head screw	KYN97015-04-02	4

Typical Projects

Residential



China Resources City Qingdao
Sanya Bay New Town
Shanghai Beshang Bay Garden
Xiangxie Mountain, Sanya
Beautiful Green Lake in Xiamen
Suzhou Xingcui Lanting
Chengdu China Resources Yunting
Lanzhou Yida Tiandi
Yunzhu Garden, Guangzhou
Haikou beautiful coast
Boao Coral Bay, Haikou
Sanya Bay beautiful five areas
Qingdao Qingtie China Resources City
Beijing Sub-center
Zhongshan Ocean New World
Xinxiang Huiyi Yue Residence
Nanning Yunjingshan Language City

Dalian Zhongxin Fengyue City
Wuhan Contemporary City of Nations
Shenzhen Huashengfeng Hui Tea Palace
Ningbo Linhai Tianjun Residence
Xiamen Special House Yinxi Villa
Shenzhen Linghong Health Home
Dongguan Golden Mid-Levels Garden
Shanghai Fengxian Nanqiao New Town
Hangzhou Poly Central Mansion
Xiongan Citizen Service Center
One Tiantai Academy, Qingdao
Ningbo Social Welfare Center
Haikou Blue Bay town Lily Garden
Chengdu Chinese Business Financial Center
Haikou New World Tourist Holiday Center
Zhangjiakou Miyuan Prince Skiing town

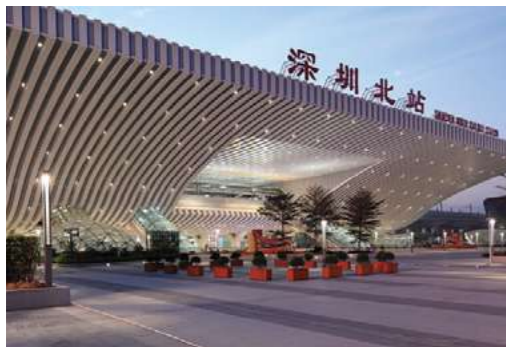
Hotel



Dunhuang International Hotel
Nanning Qianjing Hotel
Harbin Wanda Hotel
Zhuhai Manhattan Hotel
Dongguan Hilton Hotel
Guangzhou Poly Intercontinental Hotel
Guangzhou Changlong Xiangjiang Hotel
China Yucheng Five-star Hotel
Hangzhou Victoria Hotel
Hefei Wanda Wenhua Hotel
Beijing Fengtai Marriott Hotel
Hyatt Regency Shanghai Global Harbor
Hefei China Railway Hotel
Qingdao Hilton Hotel
Chengdu Hilton Hotel
Suzhou Xiangyi Hotel
Fuzhou Mindu Hotel
Nanning Courtyard Hotel

Four Seasons Hotel in Kuala Lumpur
Haikou Hilton Hotel
Dali Hilton Hotel
Dali International Hotel
Hengda Pearl River New City Hotel
Crowne Plaza Thousand Island Lake
Moroccan Hotel
Myanmar Jinding Hotel
Qiandao Lake New World Hotel
Qatar Five-star Hotels
Shanghai Xianglun Garden Hotel
Urumqi Wenhua Hotel
Harbin Shangri-La Hotel
Hainan Shangri-La Hotel
Sanya Atlantis Hotel
Sanmenxia Swan International Hotel
Qinhuangdao Shangri-La Hotel

Metro/ High-Speed Rail



Beijing Metro
Shanghai Metro
Guangzhou Metro
Futian subway
Chengdu Metro
Xiamen Metro
Wuhan Metro
Xi'an Metro
Ningbo Metro
Hangzhou Metro

Zunyi High-speed Railway
Kaifeng High-speed Railway
Chongqing High-speed Railway
Guangxi High-speed Railway
Suzhou High-speed Railway
Hefei High-speed Railway
Wuhu High-speed Railway
Huangshan High-speed Railway
Guiyang High-speed Railway
Nanjing High-speed Railway

Daqing High-speed Railway
Yungui High-speed Railway Station
Wuzhou High-speed Railway
Handan High-speed Railway
Kunshan High-speed Railway
Zhengzhou High-speed Railway
Emei High-speed Railway
Foshan High-speed Railway
Harbin High-speed Railway
Hohhot High-speed Railway

Typical Projects

Airport



Hong Kong Airport
Pudong International Airport
Wuhan Tianhe Airport
Hengyang Nanyue Airport
Jiangbei International Airport
Malabo International Airport
Shanghai Hongqiao International Airport
Xiamen Gaoqi International Airport
Zhengzhou Xinzheng International Airport
Ningbo Lishe International Airport
Xiangyang Airport
Baotou International Airport
Xinjiang Hotan Airport
Liuzhou Bailian Airport
Tongren Phoenix Airport

Jinzhou Bay International Airport
Nanning Wusong International Airport
Sanya Phoenix International Airport
Guiyang Longdongbao International Airport
Haikou Meilan International Airport
Hanoi Airport
Korla Airport
Liberia Airport
Philippines Manila Airport
Togo Lome International Airport
Jordan Queen Alia Airport
Zambia Lusaka International Airport
Samoa Faleolo International Airport
Nigeria Abuja International Airport

Office Building



Beijing Modern Office Building
Yancheng City Office Building
State Post Office Building
Guangdong Yanjing Beer Office Building
Dongguan First International Office Building
Chengdu LH Group Office Building
Zhengzhou Shenzhen Airlines Business Office Building
Xi'an Scenic Royal Garden Office Building
Wanli Shangtai Research Office Building
Zhangjiagang United Front Office
Shaoxing Country Garden Office Building
Tencent Chengdu Technology Office Building
Shimao Riverside Headquarters Office Building
Hebei Provincial People's Government Office Building
Ivorian Ministry of Foreign Affairs Office Building

Beijing Government Service Center Office Building
Pudong Development Bank Qingdao Office Building
Guangxi Water Conservancy and Electric Power Business Office Building
Jiangsu Jiangnan Industrial Group Office Building
Chengdu Dayuan International Center Office Building
Guangya Aluminum Industry Office Building
Qihoo 360 office building
Microsoft Suzhou Branch Office Building
Ruiyuan - Mingjia International Office Building
Kunshan City Procuratorate Office Office
Chengdu Huaxi Securities Headquarters Office Building
Taiyuan Intermediate People's Court Office Building
Agricultural Bank Suzhou Branch Office Building
Peking University Nanning Affiliated School Office Building

Large-scale Public Building Project



Beijing Water Cube
Tianjin Stadium
Jiading Stadium
Guangzhou Asian Games City
Guangzhou Science City
Shanxi Grand Theatre
International Exhibition Center
China Port Museum
China Silk Museum
National South China Sea Museum
Changsha International Convention and Exhibition Center
Xinjiang International Convention and Exhibition Center
Nanjing Youth Olympic Sports Park
Shenyang International Exhibition Center
Shenyang New World Convention and Exhibition Center

Southern University of Science and Technology Gymnasium
Guangzhou International Sports Performance Center
Kunming Dianchi International Convention and Exhibition Center
China Exhibition and Convention Center (Shanghai)
Xixia Museum
Datong Museum
Senegal Museum
Xiamen International Convention and Exhibition Center
Ordos Sports Center
Xilin Gol International Convention and Exhibition Center
Yunqi Town International Convention and Exhibition Center
Wuzhen Internet International Convention and Exhibition Center
Nanjing Museum Dunhuang Silk Road
Strait Intangible Cultural Heritage Ecological Park