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For Better Living

Door Control Hardware Typical Product Catalogue



Door Control Hardware
Typical Product Catalogue



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Specification of the Product Code Change

一、Specification

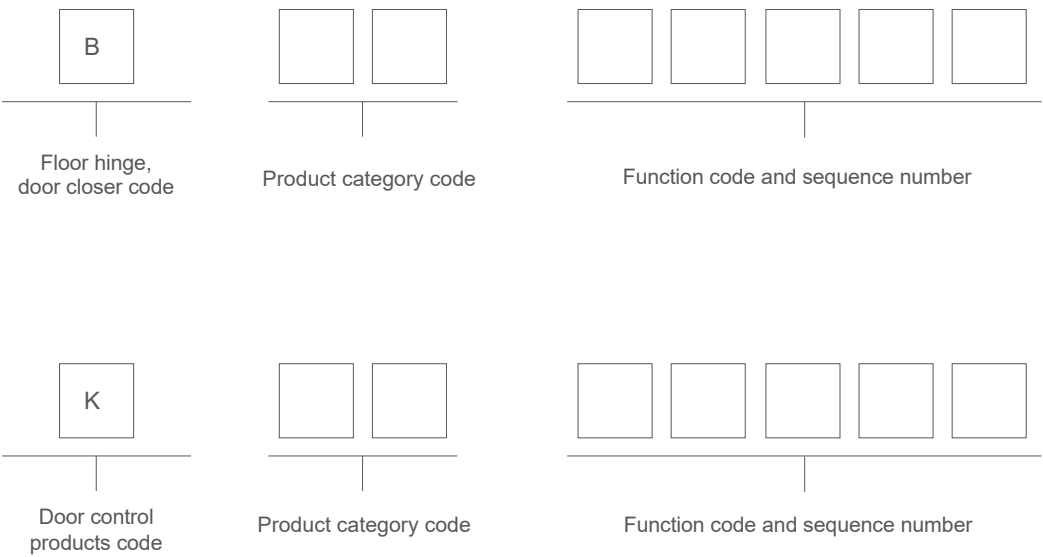
1. Purpose
- The product code is based on the product attribute, to make code numbers standard, scientific, unique, coordinate, practical and expansible.
2. Application scope
- It is suitable for all of the products in this catalogue.

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			

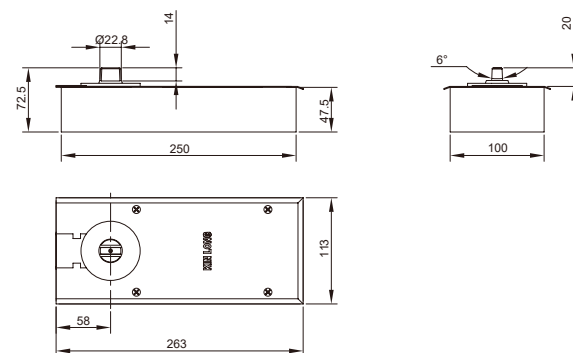
Floor Hinge List

Diagram	Product name	Product code	Positioning type	Door width	Maximum Loading	Life cycle	Speed control	page
	Floor Hinge	BDH80114-HW	90°hold	650~900mm	70kg	>300,000 Cycles	Two speed section	P3
	Floor Hinge	BDH80314-HW	90°hold	650~900mm	80kg	>300,000 Cycles	Two speed section	P4
	Floor Hinge	BDH80115-HW	90°hold	650~950mm	90kg	>500,000 Cycles	Two speed section	P5
	Floor Hinge	BDH80315-HW	90°hold	650~1050mm	100kg	>500,000 Cycles	Two speed section	P6
	Floor Hinge	BDH80515-HW	90°hold	750~1100mm	115kg	>500,000 Cycles	Two speed section	P7
	Floor Hinge	BDH80716-HW	90°hold	800~1200mm	130kg	>500,000 Cycles	Two speed section	P8
	Floor Hinge	BDH80215-HW	90°hold	650~1050mm	100kg	>500,000 Cycles	Two speed section	P9
	Floor Hinge	BDH80416-HW	90°hold	800~1200mm	130kg	>500,000 Cycles	Two speed section	P9
	Floor Hinge	BDH80616-HW	90°hold	1100~1300mm	150kg	>500,000 Cycles	Two speed section	P9
	Concealed Floor Hinge	BDY80115	90°hold	800~1100mm	100kg	>500,000 Cycles	Two speed section	P10
	Concealed Floor Hinge	BDY80315	90°hold	800~950mm	100kg	>500,000 Cycles	Two speed section	P11
	Top Hinge	BDT80215-HW	90°hold	800~1100mm	100kg	>500,000 Cycles	Two speed section	P12
	Top Hinge	BDT80415-HW	90°hold	850~1150mm	120kg	>500,000 Cycles	Two speed section	P12










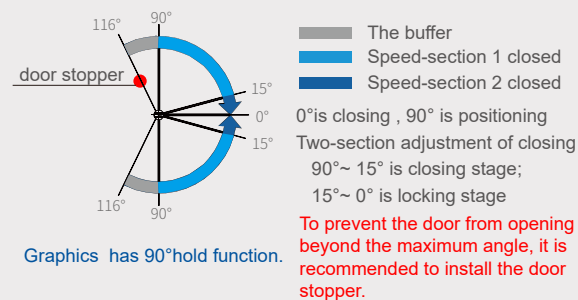
Dimensions



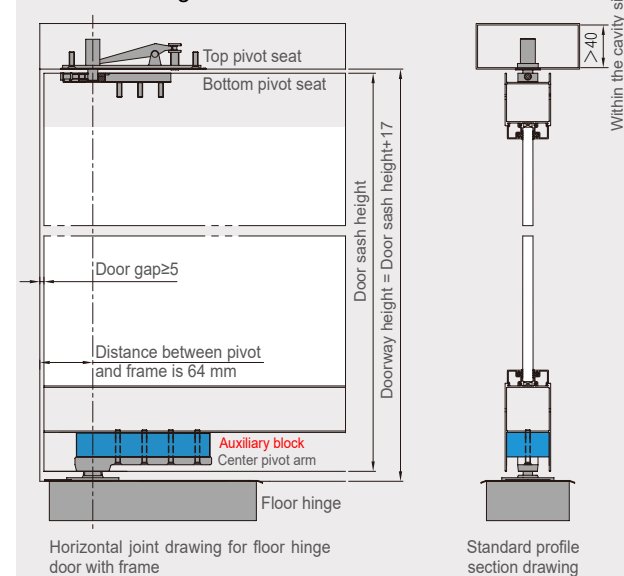
BDH80114-HW Floor hinge

Technical Parameters

	Positioning type	90° Hold
	Door width	650~900mm
	Maximum loading	70kg
	Life cycle	>300,000 Cycles
	Speed control	Two speed section



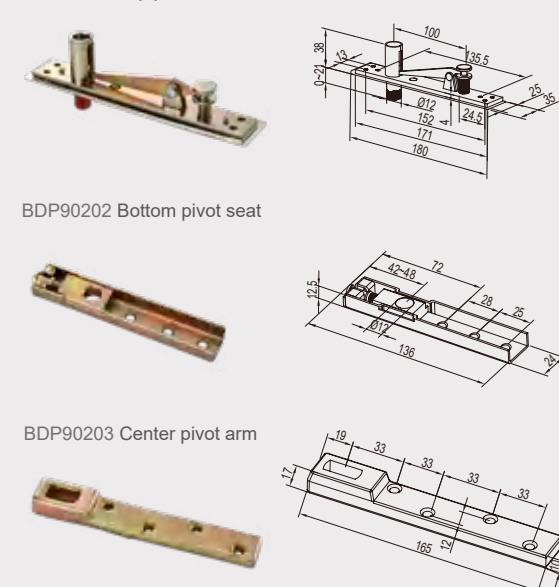
Installation Diagram



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

Accessories

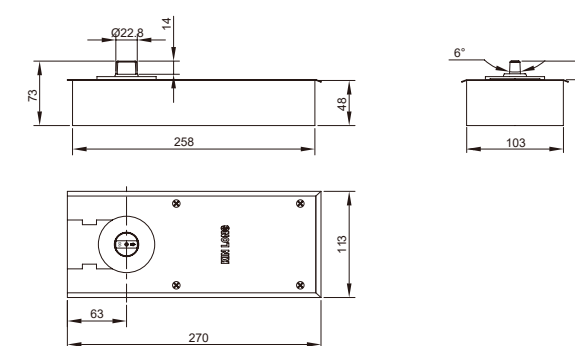
BDP90201 Top pivot seat



BDP90203 Center pivot arm








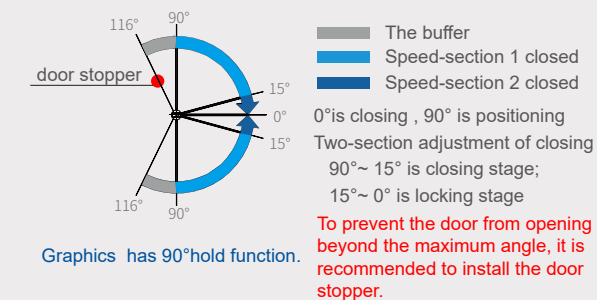
Dimensions



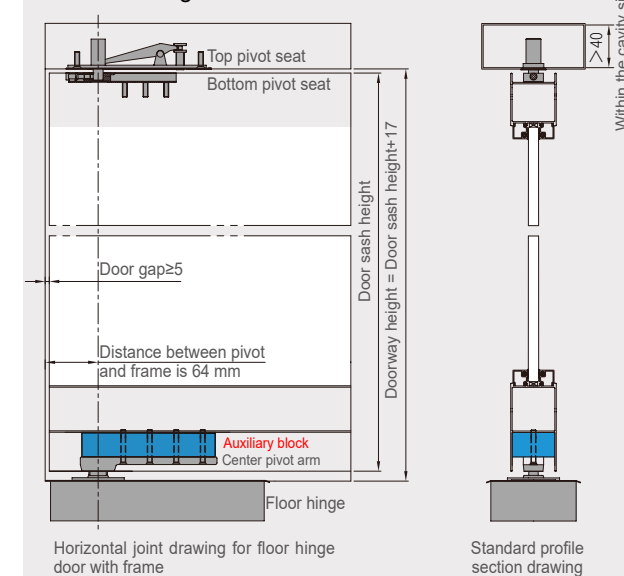
BDH80314-HW Floor hinge

Technical Parameters

	Positioning type	90°Hold
	Door width	650~900mm
	Maximum loading	80kg
	Life cycle	>300,000 Cycles
	Speed control	Two speed section



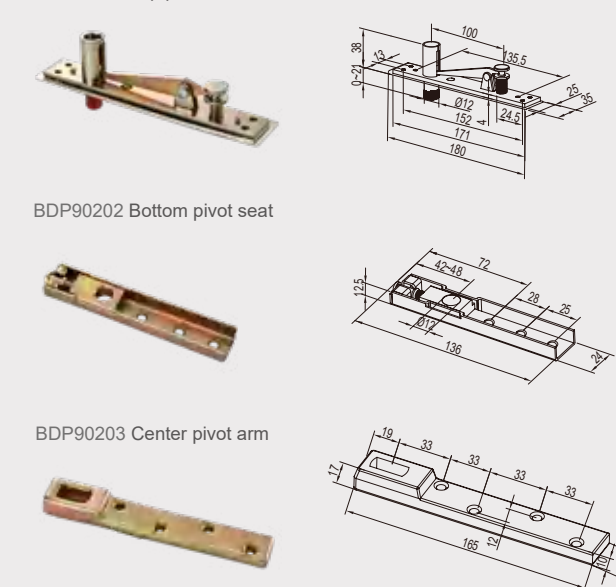
Installation Diagram



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

Accessories

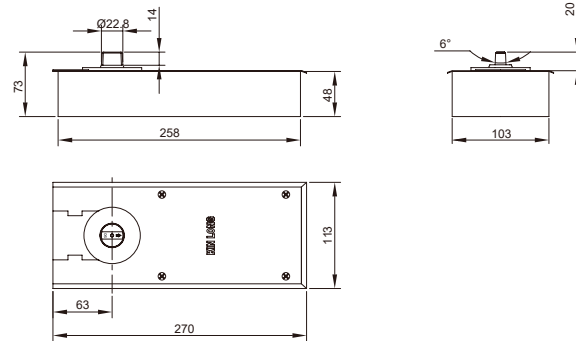
BDP90201 Top pivot seat



BDP90203 Center pivot arm



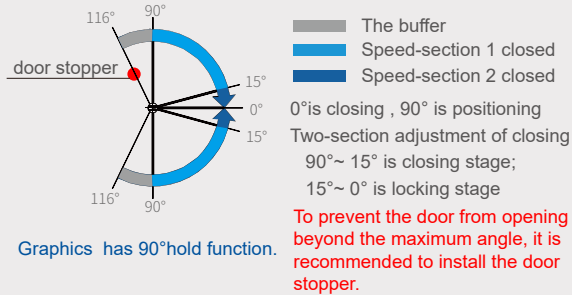
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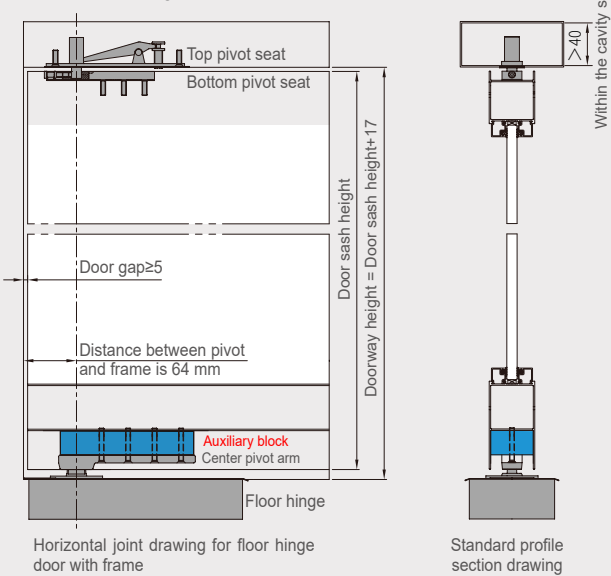
BDH80115-HW Floor hinge

Technical Parameters

	Positioning type	90° Hold
	Door width	650~950mm
	Maximum loading	90kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section



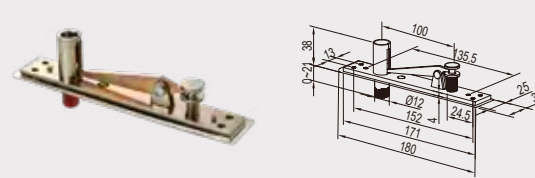
Installation Diagram



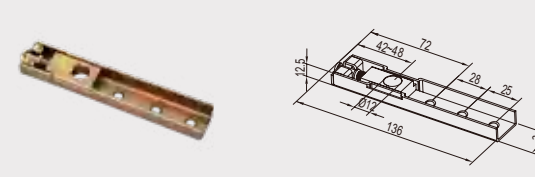
Note: Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.

Accessories

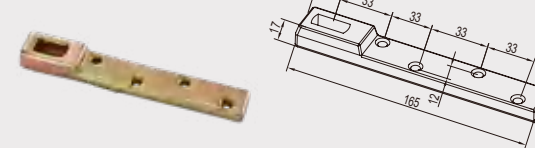
BDP90201 Top pivot seat



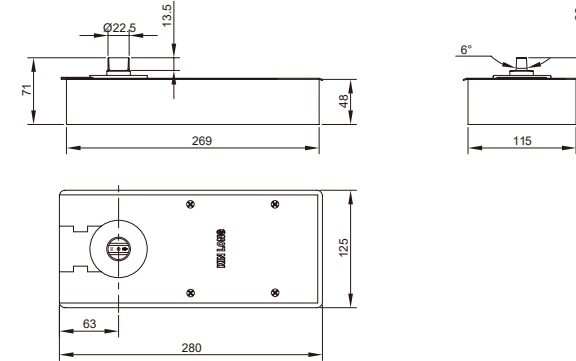
BDP90202 Bottom pivot seat



BDP90203 Center pivot arm



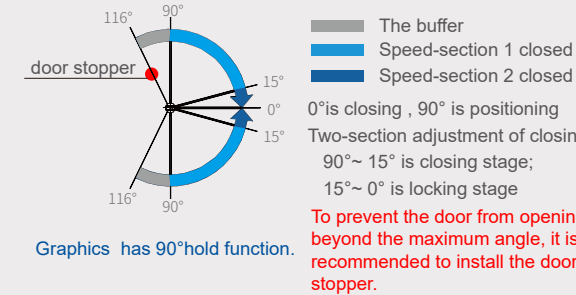
Dimensions



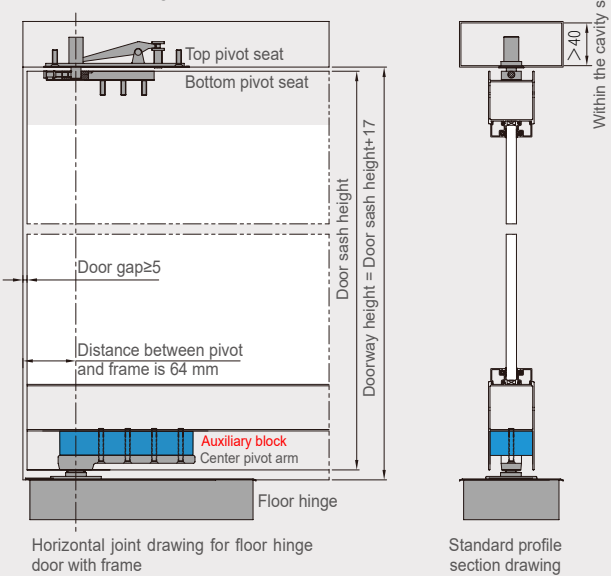
BDH80315-HW Floor hinge

Technical Parameters

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



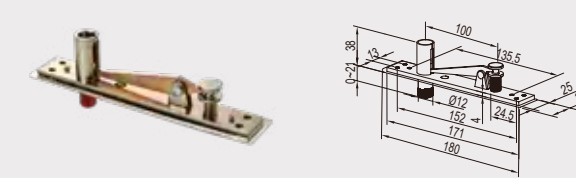
Installation Diagram



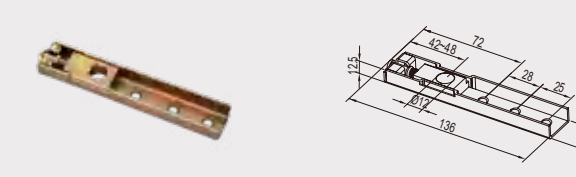
Note: Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.

Accessories

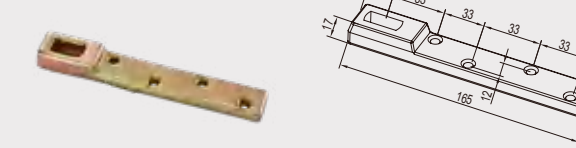
BDP90201 Top pivot seat



BDP90202 Bottom pivot seat

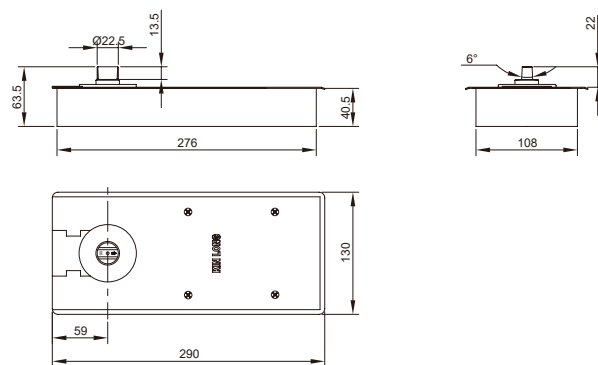


BDP90203 Center pivot arm










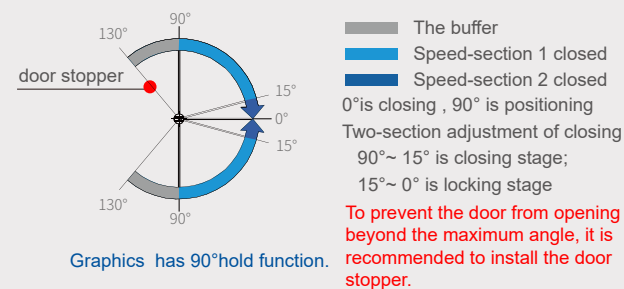
Dimensions



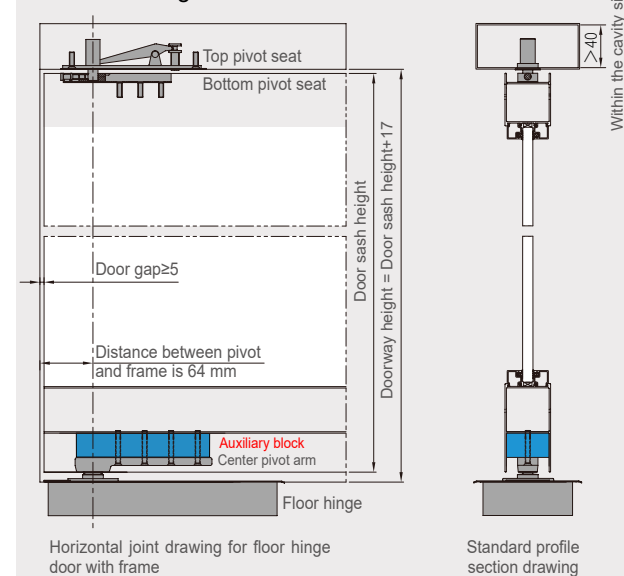
BDH80515-HW Floor hinge

Technical Parameters

	Positioning type	90°Hold
	Door width	750~1100mm
	Maximum loading	115kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section



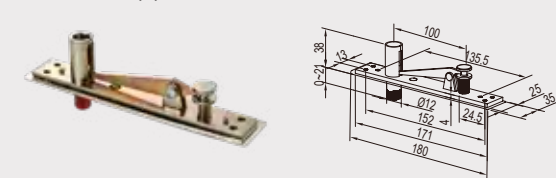
Installation Diagram



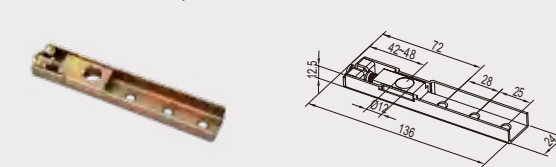
Note :Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.

Accessories

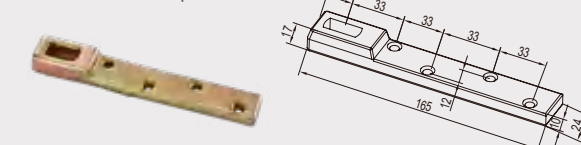
BDP90201 Top pivot seat



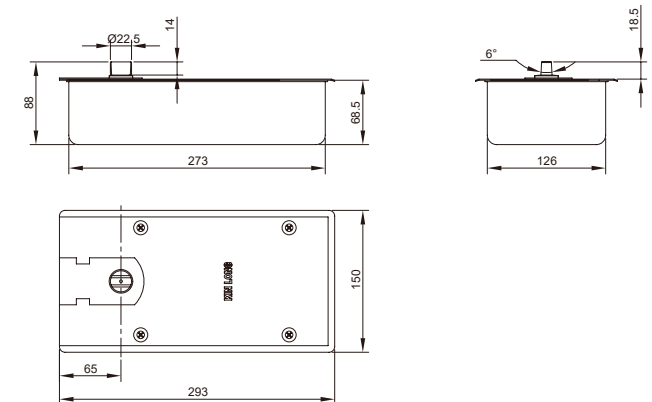
BDP90202 Bottom pivot seat



BDP90203 Center pivot arm








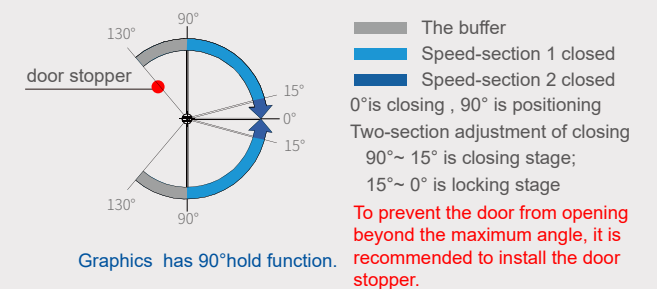
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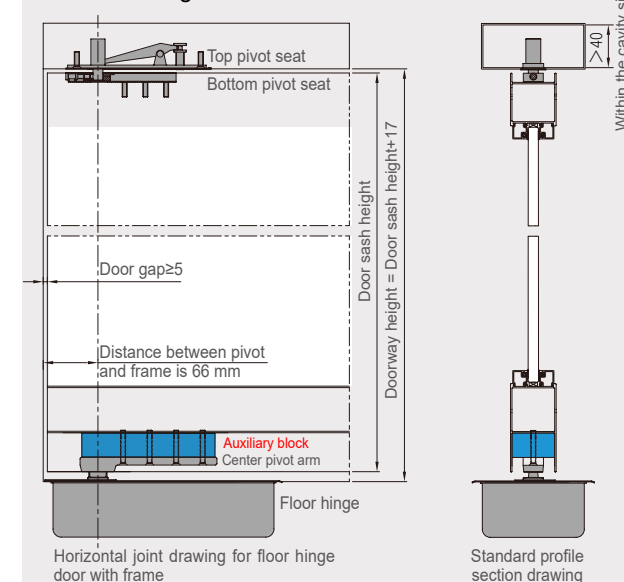
BDH80716-HW Floor hinge

Technical Parameters

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



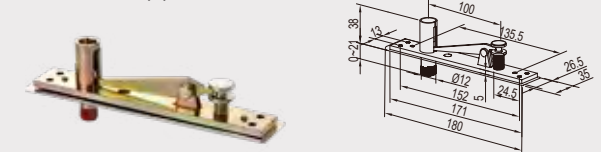
Installation Diagram



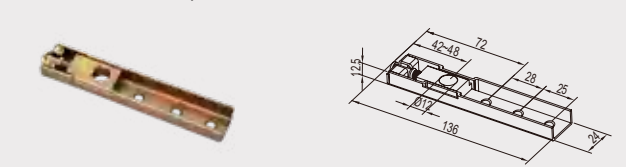
Note :Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.

Accessories

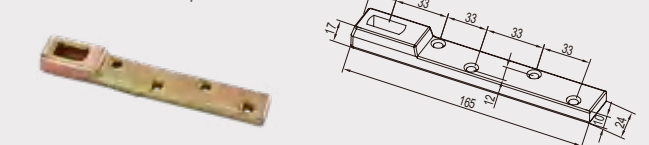
BDP90301 Top pivot seat



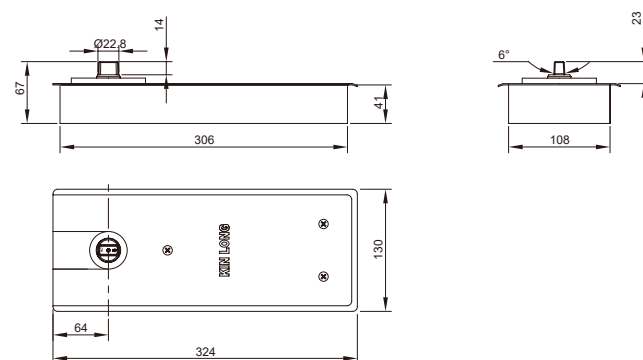
BDP90202 Bottom pivot seat



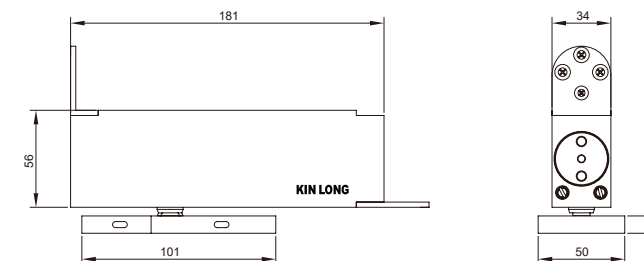
BDP90203 Center pivot arm



Dimensions

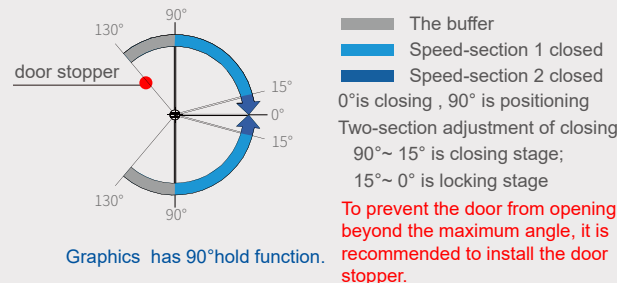


Dimensions

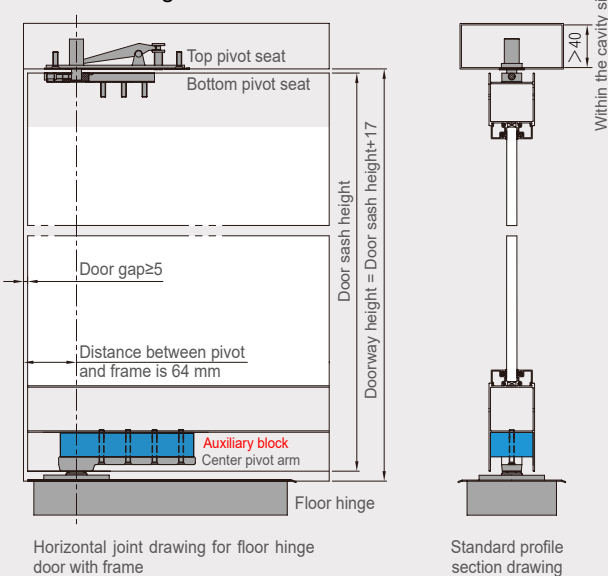


Floor hinge

Technical Parameters					
Product code	Positioning type	Door width	Maximum loading	Life cycle	Speed control
BDH80215-HW	90°Hold	650~1050mm	100kg	>500,000 Cycles	Two speed section
BDH80416-HW		800~1200mm	130kg		
BDH80616-HW		1100~1300mm	150kg		



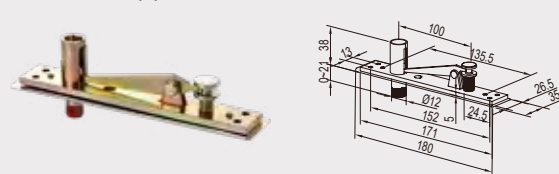
Installation Diagram



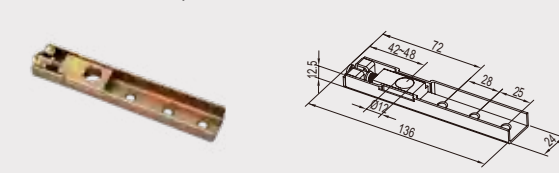
Note: Standard product has no auxiliary block, the thickness of auxiliary block is based on the cavity of profile.

Accessories

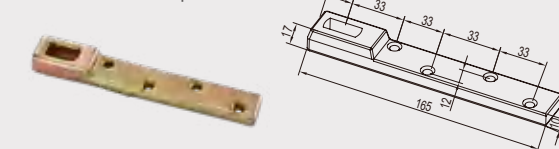
BDP90301 Top pivot seat



BDP90202 Bottom pivot seat



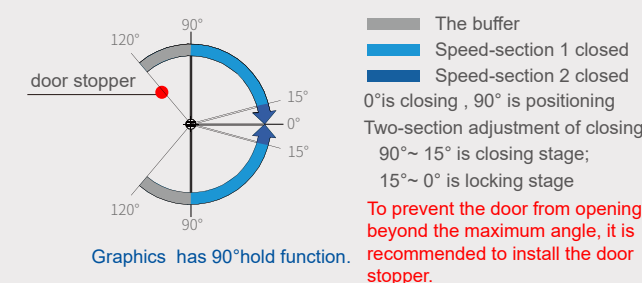
BDP90203 Center pivot arm



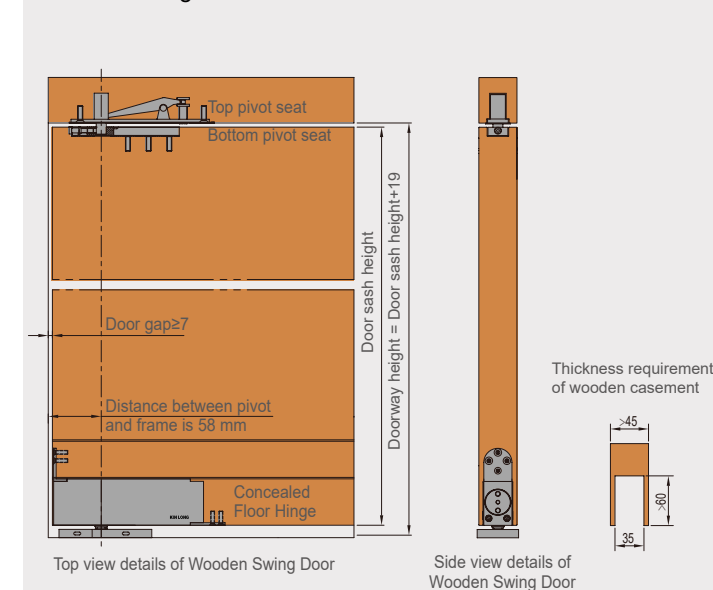
BDY80115 Concealed Floor Hinge

Technical Parameters

	Positioning type	90°Hold
	Door width	800~1100mm
	Maximum loading	100kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section



Installation Diagram



Functional Characteristic

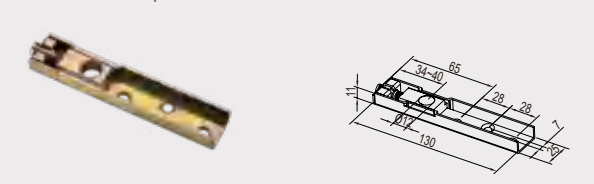
No need to dig hole, shortening construction period, and do not destroy the floor structure.
The door sash can be opened in both directions, one-way opening must be realized by other methods.
Suitable for wooden and steel doors.
Decorative cover surface treatment: satin.
Applicable door leaf thickness: >45mm.

Accessories

DS05 Top pivot seat

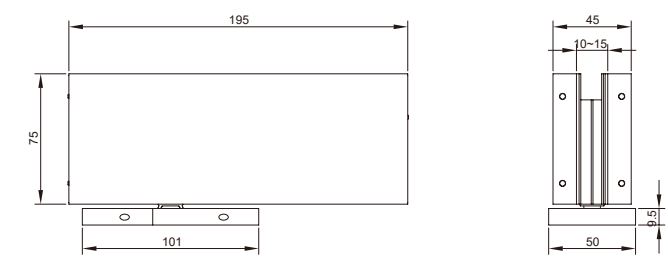


DX05 Bottom pivot seat





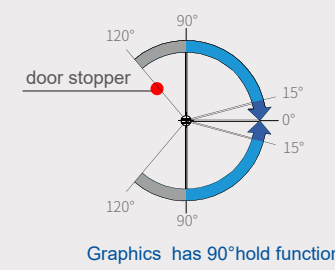
Dimensions



BDY80315 Concealed Floor Hinge

Technical Parameters

	Positioning type	90°Hold
	Door width	800~950mm
	Maximum loading	100kg
	Life cycle	>500,000 Cycles
	Speed control	Two speed section



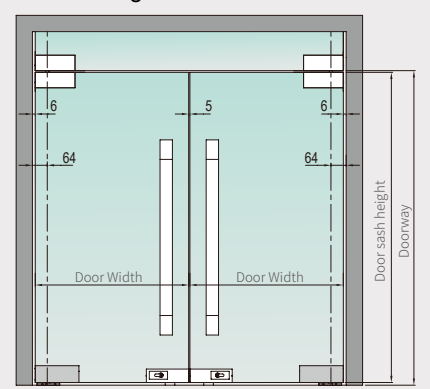
— The buffer
— Speed-section 1 closed
— Speed-section 2 closed
0° is closing, 90° is positioning
Two-section adjustment of closing
90°~15° is closing stage;
15°~0° is locking stage
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Graphics has 90°hold function.

Functional Characteristic

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.
Decorative cover surface treatment: satin.
Applicable glass thickness: 10~15mm.

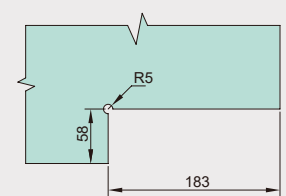
Installation Diagram



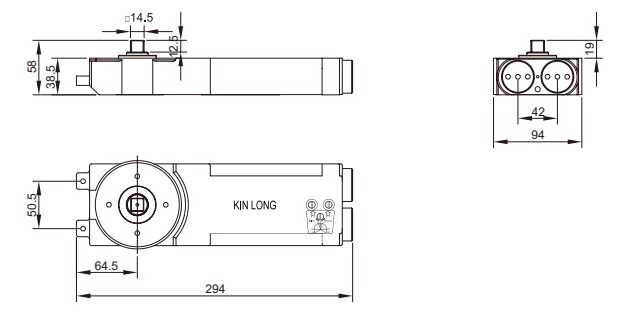
◆ Concealed floor hinge can be used with door control hardware. (See the form below)

No.	Supporting gate control products	Applicable glass thickness
1	Upper patch KMJ4432A	10~15mm
2	Top patch KMJ4433A	
3	Top pivot seat BDP30001/DS05	/
4	Top Pivot KHY53520/ KHY53511	/

Cut-out Drawing



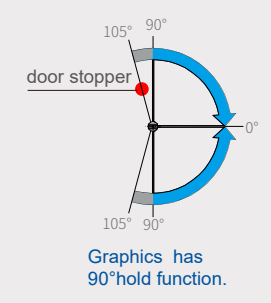
Dimensions



Top hinge

Technical Parameters

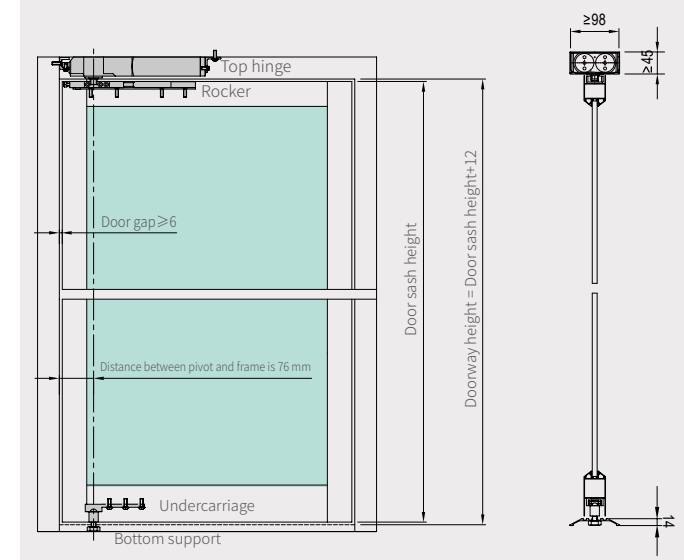
	Positioning type		Door width		Maximum loading		Life cycle		Speed control
BDT80215-HW	90°Hold		800~1100mm		100kg		>500,000 Cycles		Two speed section
BDT80415-HW			850~1150mm		120kg				



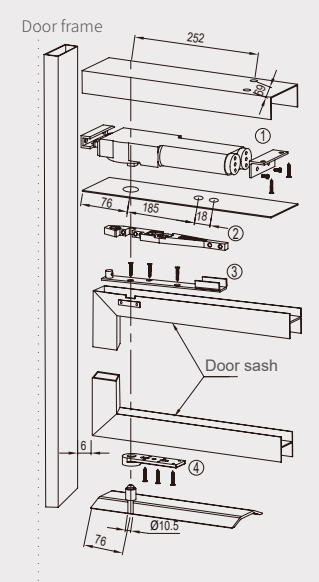
— Speed-section 1 closed
— The buffer
0° is closing, 90° is positioning
To prevent the door from opening beyond the maximum angle, it is recommended to install the door stopper.

Graphics has 90°hold function.

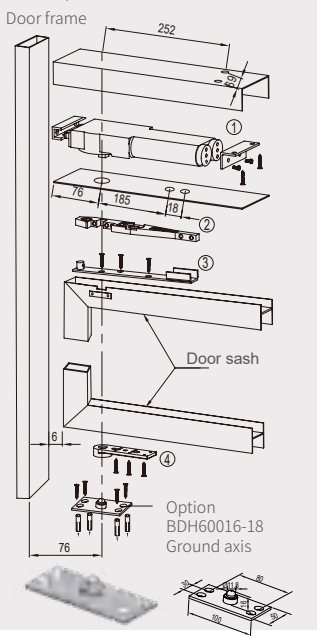
Installation Diagram


































Installation instructions for standard accessories



Installation instructions for optional accessories



Door Closer List

Product Categories	Diagram	Product code	Positioning type	Door width	Maximum Loading	Service life	Speed control	page
Electric door closer		BBD40505 (New)	Remote control 90° positioning	700~900mm	80kg	>1,000,000 Cycles	/	P19
		BBD40515 (New)	Remote control 90° positioning	700~900mm	80kg	>1,000,000 Cycles	/	P20
		BBM40005A (New)	Remote control 90° positioning	700~1000mm	100kg	>500,000 Cycles	/	P21
		BBM40015A (New)	Remote control 90° positioning	700~1000mm	100kg	>500,000 Cycles	/	P22
		BBM40008A (New)	Remote control 90° positioning	700~1050mm	150kg	>500,000 Cycles	/	P23
		BBM40018A (New)	Remote control 90° positioning	700~1050mm	150kg	>500,000 Cycles	/	P24
		BBD40208 (New)	Remote control 90° positioning	750~1050mm	200kg	>1,000,000 Cycles	/	P25
		BBD40218 (New)	Remote control 90° positioning	750~1050mm	200kg	>1,000,000 Cycles	/	P26
American Standard Certification		BBM60006	Non-hold	650~1500mm	15~150kg	≥2000,000 Cycles	Three speed section	P43
		BBM60106	Non-hold	650~1500mm	15~150kg	≥2000,000 Cycles	Three speed section	P44
		BBM60206	Non-hold	650~1500mm	15~150kg	≥2000,000 Cycles	Three speed section	P45
		BBM60014	Non-hold	650~1100mm	45~85kg	>500,000 Cycles	Two speed section	P46
		BBM60106-HG	Non-hold	650~1200mm	15~120kg	≥2000,000 Cycles	Three speed section	P47
		BBM60206-LD (New)	Non-hold	900~1600mm	30~250kg	≥2000,000 Cycles	Three speed section	P48
Fire-proof certification		GA93-2CI(B401)	Non-hold	650~900mm	45kg	>300,000 Cycles	Two speed section	P50
		GA93-3CI(B103)	Non-hold	850~1100mm	65kg	>300,000 Cycles	Two speed section	P51
		GA93-4CI(B104)	Non-hold	1000~1250mm	85kg	>300,000 Cycles	Two speed section	P52
		XF93-4CI(BBM90304)	Non-hold	900~1100mm	85kg	>300,000 Cycles	Two speed section	P53
		XF93-3PI(BBM90215)	Non-hold	650~1100mm	45~85kg	>300,000 Cycles	Three speed section	P54
		GA93-2PII(YB301)	Non-hold	650~900mm	45kg	>200,000 Cycles	Two speed section	P55
		GA93-2PII(YB305)	Non-hold	850~1100mm	65kg	>200,000 Cycles	Two speed section	P55
		GA93-2PII(YB306)	Non-hold	1000~1250mm	85kg	>200,000 Cycles	Two speed section	P55
		XF93-2PI(BBM30114)	Non-hold	650~1100mm	45~85kg	>300,000 Cycles	Two speed section	P56
		XF93-3PI(BBM30115) (New)	Non-hold	1100~1300mm	100kg	>300,000 Cycles	Two speed section	P57
		GA93-5CI(BBM80105)	Non-hold	1100~1300mm	100kg	>300,000 Cycles	Two speed section	P58
		GA93-5CI(B415)	Non-hold	1150~1400mm	120kg	>300,000 Cycles	Two speed section	P59
		XF93-3CI(B803)	Non-hold	850~1100mm	65kg	>300,000 Cycles	Two speed section	P60
		XF93-4CI(B804)	Non-hold	1000~1250mm	85kg	>300,000 Cycles	Two speed section	P60
		XF93-4CI(BBM90106)	Non-hold	650~1200mm	25~120kg	>300,000 Cycles	Three speed section	P61
		XF93-2PI(BBM90404) (New)	Non-hold	650~800mm	85kg	>300,000 Cycles	Two speed section	P62
		GA93-2CII(BBM10902)-DKH	Non-hold	650~900mm	45kg	>200,000 Cycles	Two speed section	P63
		GA93-3CII(BBM10303)-DKH	Non-hold	850~1100mm	65kg	>200,000 Cycles	Two speed section	P64
		GA93-4CII(BBM10104)-DKH	Non-hold	1000~1250mm	85kg	>200,000 Cycles	Two speed section	P65

Door Closer List

Product Categories	Diagram	Product code	Positioning type	Door width	Maximum Loading	Service life	Speed control	page
European standard, Construction standard		B401	Non-hold	650~900mm	45kg	>300,000 Cycles	Two speed section	P67
		BBM80105	Non-hold	1100~1300mm	100kg	>500,000 Cycles	Two speed section	P68
		BBM10003	Non-hold	850~1100mm	65kg	>500,000 Cycles	Two speed section	P69
		BBM10004 (New)	Non-hold	1000~1250mm	85kg	>500,000 Cycles	Two speed section	P70
		B103	Non-hold	850~1100mm	65kg	>500,000 Cycles	Two speed section	P71
		BBM10313 (New)	90° hold	850~1100mm	65Kg	>200,000 Cycles	Two speed section	P72
		BBM70102	Non-hold	650~900mm	45kg	>300,000 Cycles	Two speed section	P73
		BBM70112	Hold can be anywhere and withdrawn	650~900mm	45kg	>300,000 Cycles	Two speed section	P74
		BBM80102	Non-hold	650~900mm	45kg	>300,000 Cycles	Two speed section	P75
		BBM80212	Hold can be anywhere and withdrawn	650~900mm	45kg	>300,000 Cycles	Two speed section	P76
		B803	Non-hold	850~1100mm	65kg	>500,000 Cycles	Two speed section	P77
		B804	Non-hold	1000~1250mm	85kg	>500,000 Cycles	Two speed section	P77
		BZ803	Hold can be anywhere and withdrawn	850~1100mm	65kg	>500,000 Cycles	Two speed section	P78
		BZ804	Hold can be anywhere and withdrawn	1000~1250mm	85kg	>500,000 Cycles	Two speed section	P78
		BBM90103	Non-hold	850~1100mm	65kg	>500,000 Cycles	Three speed section	P79
		BBM90104	Non-hold	1000~1250mm	85kg	>500,000 Cycles	Three speed section	P80
		B104	Non-hold	1000~1250mm	85kg	>300,000 Cycles	Two speed section	P81
		BBM10014	90°hold	1000~1250mm	85kg	>300,000 Cycles	Two speed section	P82
		B415	Non-hold	1150~1400mm	120kg	>500,000 Cycles	Two speed section	P83
		BBM90113 (New)	Hold can be anywhere and withdrawn	850~1100mm	65kg	>300,000 Cycles	Two speed section	P84
		BBM90105	Non-hold	650~1200mm	25~120kg	>500,000 Cycles	Three speed section	P85
		BBM90115	Hold can be anywhere and withdrawn	650~1200mm	25~85kg	>500,000 Cycles	Three speed section	P86
		BBM90105-BL (New)	Non-hold	650~1200mm	25~120kg	>500,000 Cycles	Three speed section	P87
		BBM90115-BL (New)	Hold can be anywhere and withdrawn	650~1200mm	25~85kg	>500,000 Cycles	Three speed section	P88
		BBM90206	Non-hold	650~1500mm	25~150kg	>500,000 Cycles	Three speed section	P89
		YB301	Hold can be anywhere and withdrawn	650~900mm	45kg	>500,000 Cycles	Two speed section	P90
		YB305	Hold can be anywhere and withdrawn	850~1100mm	65kg	>500,000 Cycles	Two speed section	P90
		YB306	Hold can be anywhere and withdrawn	1000~1250mm	85kg	>500,000 Cycles	Two speed section	P90
		BBM30112	Hold can be anywhere and withdrawn	650~850mm	45kg	>300,000 Cycles	Two speed section	P91
		BBM30113	Hold can be anywhere and withdrawn	850~1100mm	65kg	>500,000 Cycles	Two speed section	P92
		BBM30213	Hold can be anywhere and withdrawn	850~1100mm	65kg	>500,000 Cycles	Two speed section	P93
		BBM30114	Hold can be anywhere and withdrawn	650~1100mm	45~85kg	>500,000 Cycles	Two speed section	P94
		BBM30115	Hold can be anywhere and withdrawn	1100~1300mm	100kg	>300,000 Cycles	Two speed section	P95
		BBM30515 (New)	Hold can be anywhere and withdrawn	650~1100mm	25~120kg	>500,000 Cycles	Three speed section	P96

Door closer function check list

Product code	Surface installed	Concealed installation	Closing-delayed type	Opening-Bufferd type	Torque adjustable	Electrical	Opening angle 90°	Opening angle 110°	Opening angle 120°	Opening angle 135°	hold	Non-hold	Two speed section	Three speed section
BBD40505 (New)	●					●	●				●			
BBD40515 (New)	●					●	●				●			
BBM40005A (New)	●					●	●				●			
BBM40015A (New)	●					●	●				●			
BBM40008A (New)	●					●	●				●			
BBM40018A (New)	●					●	●				●			
BBD40208 (New)	●					●	●				●			
BBD40218 (New)	●					●	●				●			
BBM60006	●		●	●	●					●		●		●
BBM60106	●		●	●	●					●		●		●
BBM60206	●		●	●	●					●		●		●
BBM60014		●			●		●					●	●	
BBM60106-HG	●		●	●	●				●			●		●
BBM60206-LD (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)		●			●		●					●	●	
XF93-3PI(BBM30115) (New)		●					●					●	●	
GA93-5CI(BBM80105)	●									●			●	
GA93-5CI(B415)	●									●			●	
XF93-4CI(B803)	●									●		●	●	
XF93-4CI(B804)	●									●		●	●	
XF93-4CI(BBM90106)	●		●	●	●					●		●		●
XF93-2PI(BBM90404) (New)	●						●					●	●	
GA93-2CII(BBM10902)-DKH	●									●		●	●	
GA93-3CII(BBM10303)-DKH	●									●		●	●	
GA93-4CII(BBM10104)-DKH	●									●		●	●	

Door closer function check list

Product code	Surface installed	Concealed installation	Low temperature resistance	Closing-delayed type	Opening-Bufferd type	Torque adjustable	Electrical	Opening angle 90°	Opening angle 120°	Opening angle 135°	hold	Non-hold	Two speed section	Three speed section
B401	●									●		●	●	
BBM80105	●									●		●	●	
BBM10003	●		●							●		●	●	
BBM10004 (New)	●		●							●		●	●	
B103	●									●		●	●	
BBM10313 (New)	●							●			●		●	
BBM70102	●									●		●	●	
BBM70112	●							●			●		●	
BBM80102	●									●		●	●	
BBM80212	●							●			●		●	
B803	●									●		●	●	
B804	●									●		●	●	
BZ803	●							●			●		●	
BZ804	●							●			●		●	
BBM90103	●				●					●		●		●
BBM90104	●				●					●		●		●
B104	●									●		●	●	
BBM10014	●							●			●		●	
B415	●									●		●	●	
BBM90113 (New)	●							●				●	●	
BBM90105	●			●	●	●			●			●		●
BBM90115	●			●	●	●		●			●			●
BBM90105-BL (New)	●			●	●	●			●			●		●
BBM90115-BL (New)	●			●	●	●		●			●			●
BBM90206	●			●	●	●				●		●		●
YB301		●						●			●		●	
YB305		●						●			●		●	
YB306		●						●			●		●	
BBM30112		●						●			●		●	
BBM30113		●						●			●		●	
BBM30213		●	●					●			●		●	
BBM30114		●				●		●			●		●	
BBM30115		●						●			●		●	
BBM30515 (New)		●			●	●		●			●			●

Electric Door Closer

Contactless door hardware
integration solutions



Remote door
opening



Induction door
opening



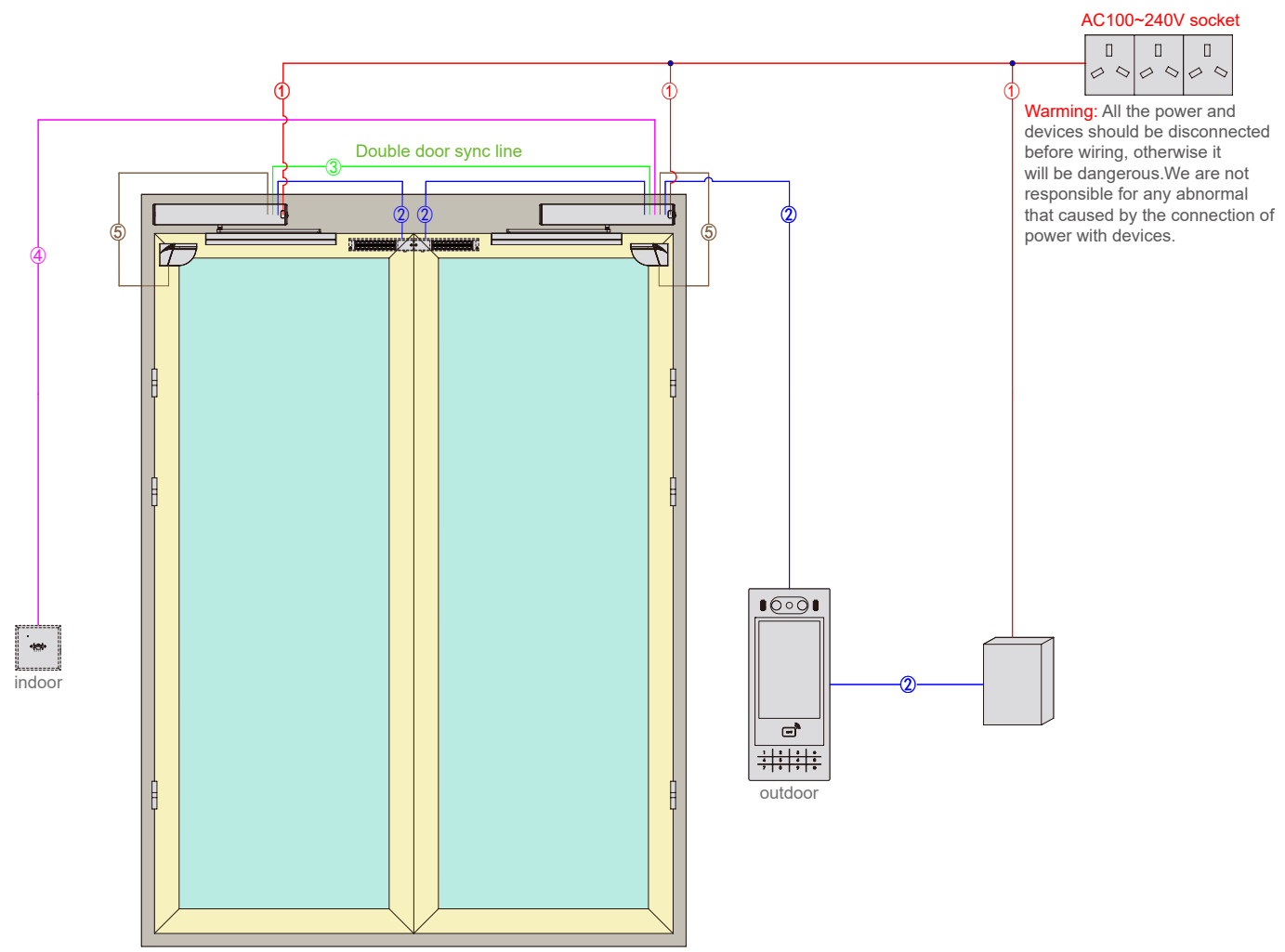
Face recognition door
opening



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 ≥130mm.
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.

BBD40505 New
Electric door closer

Surface installed Hold Electrical



BBM40315-05 Remote Controls (Standard)



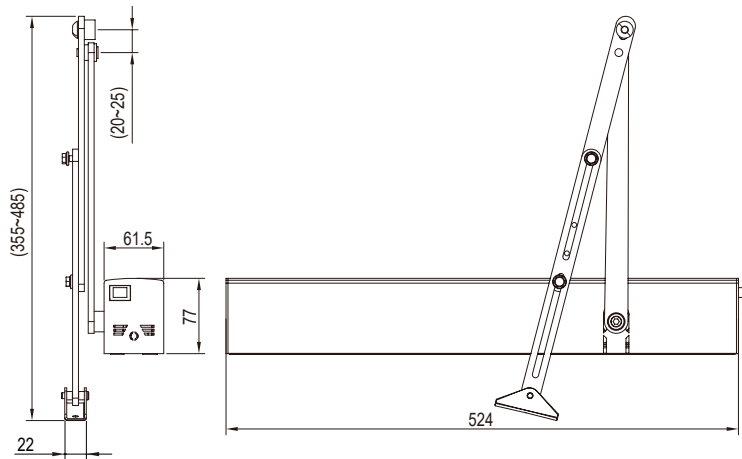
BEP10001 Adjusting device (Necessary)

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

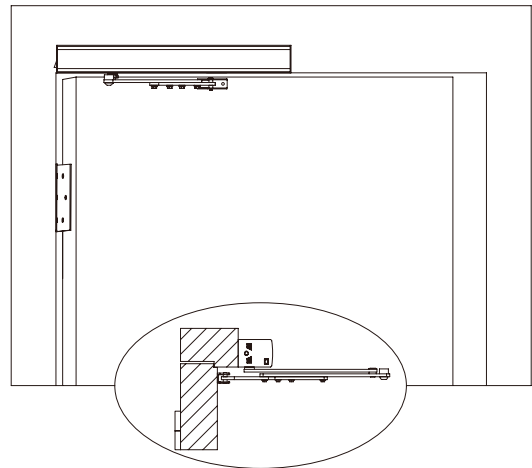
Technical Parameters

	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 schematic



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

BBD40515 New
Electric door closer

Surface installed Hold Electrical



BBM40315-05 Remote Controls (Standard)



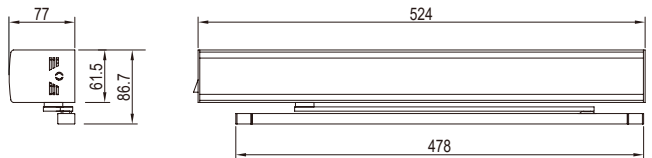
BEP10001 Adjusting device (Necessary)

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

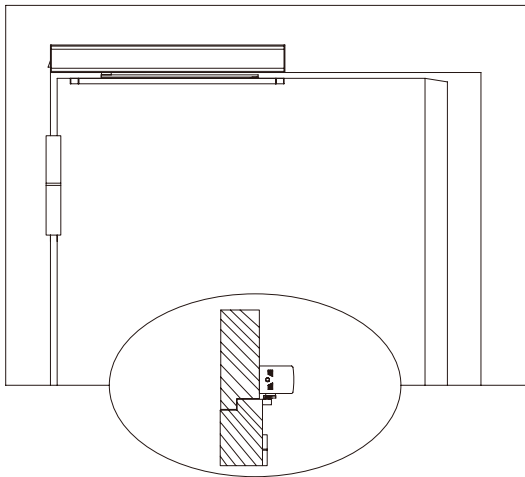
Technical Parameters

	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 schematic



BBM40005A New
Electric door closer

Surface installed Hold Electrical

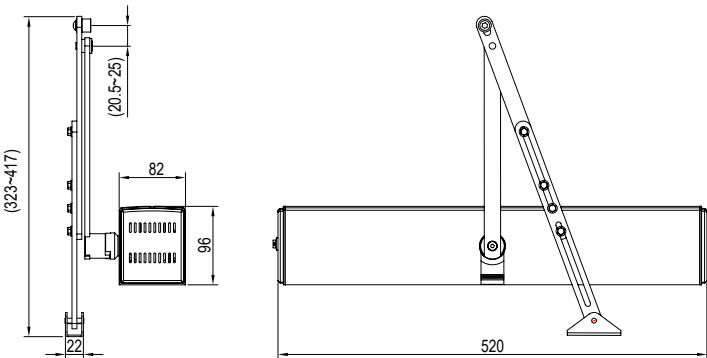


BBM40015A-11 Remote Controls (Standard)

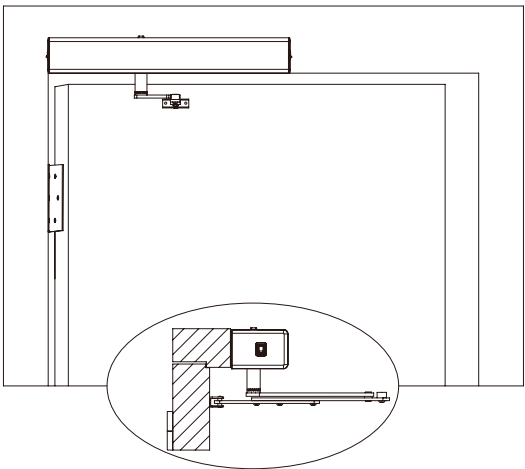
Technical Parameters

	Max loading	100kg
	Door width	700~1000mm
	Life cycle	>50万次
	Motor	DC24V 65W (brushless)
	Voltage	AC100~240V
	Frequency	50 Hz~60 Hz
	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	-20~55°C
	Switchboard power consumption	100W

Dimensions



Installation schematic



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

BBM40015A New
Electric door closer

Surface installed Hold Electrical

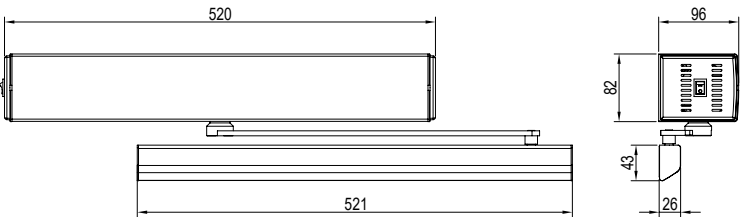


BBM40015A-11 Remote Controls (Standard)

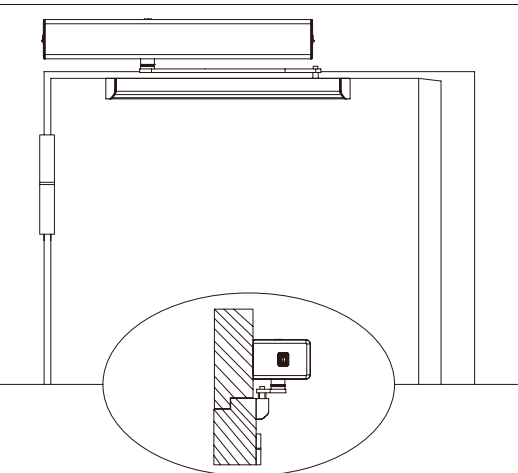
Technical Parameters

	Max loading	100kg
	Door width	700~1000mm
	Life cycle	>50万次
	Motor	DC24V 65W (brushless)
	Voltage	AC100~240V
	Frequency	50 Hz~60 Hz
	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	-20~55°C
	Switchboard power consumption	100W

Dimensions



Installation schematic



BBM40008A New
Electric door closer

Surface
installed

Hold

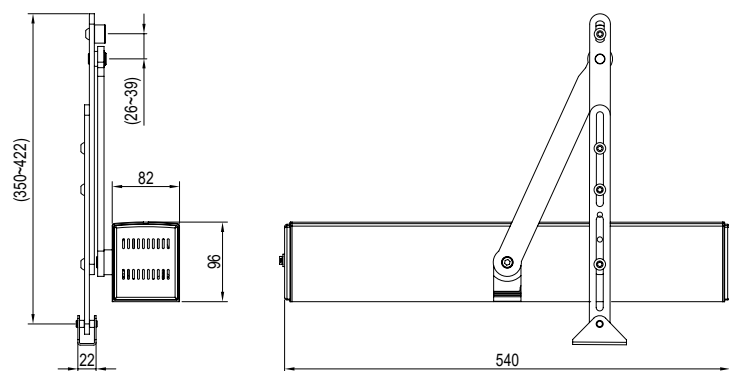
Electrical



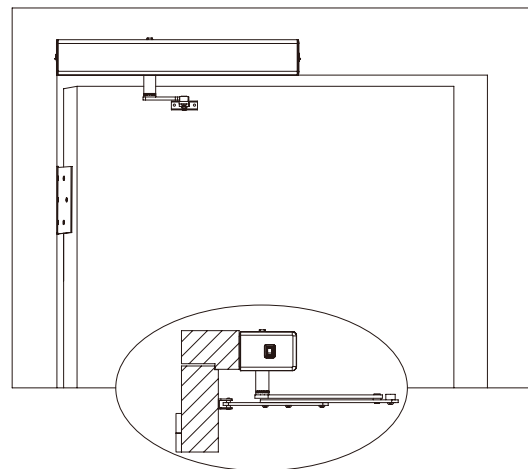
Technical Parameters

	Max loading	150kg
	Door width	750~1050mm
	Life cycle	>50万次
	Motor	DC24V 80W (brushless)
	Voltage	AC100~240V
	Frequency	50 Hz~60 Hz
	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	-20~55℃
	Switchboard power consumption	120W

Dimensions



Installation schematic



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

BBM40018A New
Electric door closer

Surface
installed

Hold

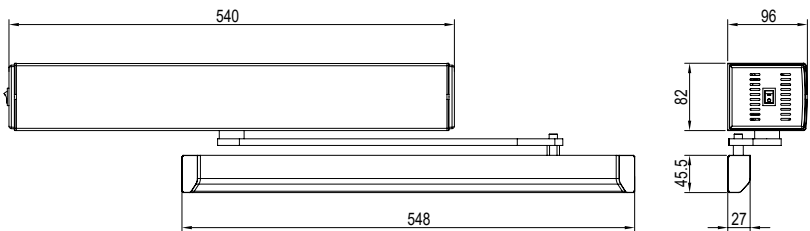
Electrical



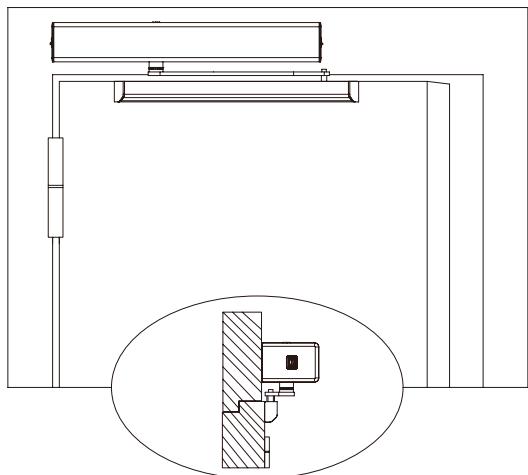
Technical Parameters

	Max loading	150kg
	Door width	750~1050mm
	Life cycle	>50万次
	Motor	DC24V 80W (brushless)
	Voltage	AC100~240V
	Frequency	50 Hz~60 Hz
	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	-20~55℃
	Switchboard power consumption	120W

Dimensions



Installation schematic



BBD40208 New
Electric door closer

Surface installed Hold Electrical



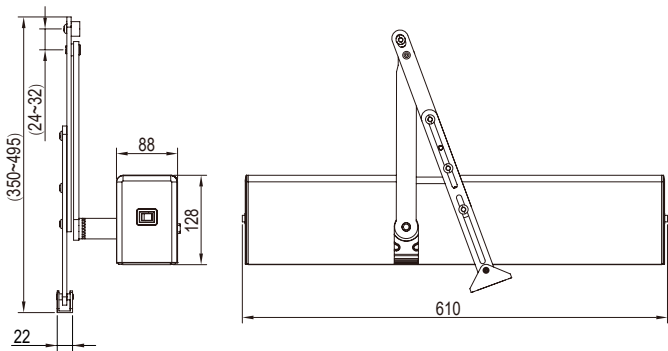
BBP80001 Adjusting device
(Necessary)

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

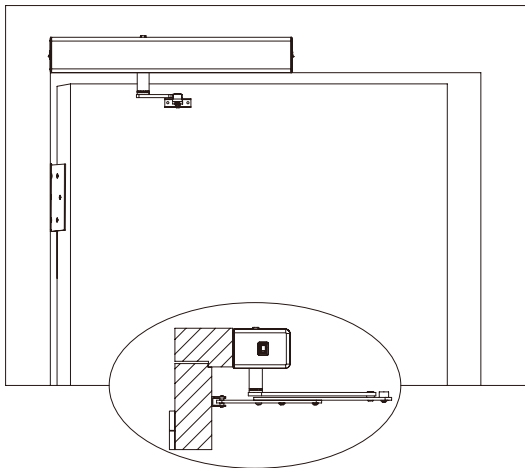
Technical Parameters

	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
	内置弹簧，断电可复位	

Dimensions



Installation schematic



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

BBD40218 New
Electric door closer

Surface installed Hold Electrical



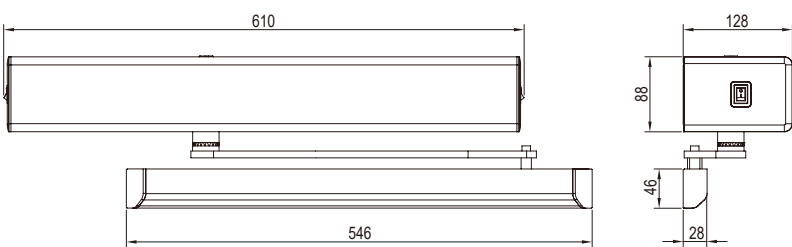
BBP80001 Adjusting device
(Necessary)

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

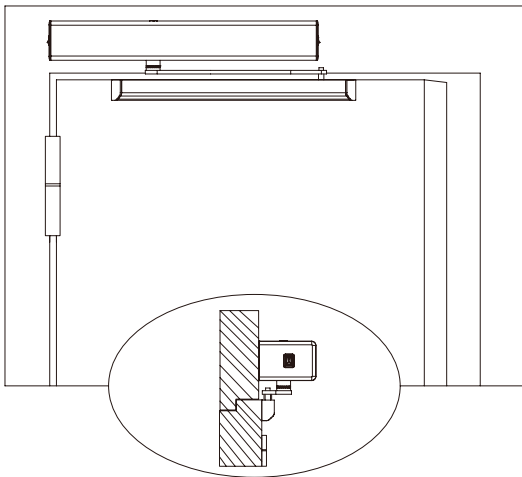
Technical Parameters

	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
	内置弹簧，断电可复位	

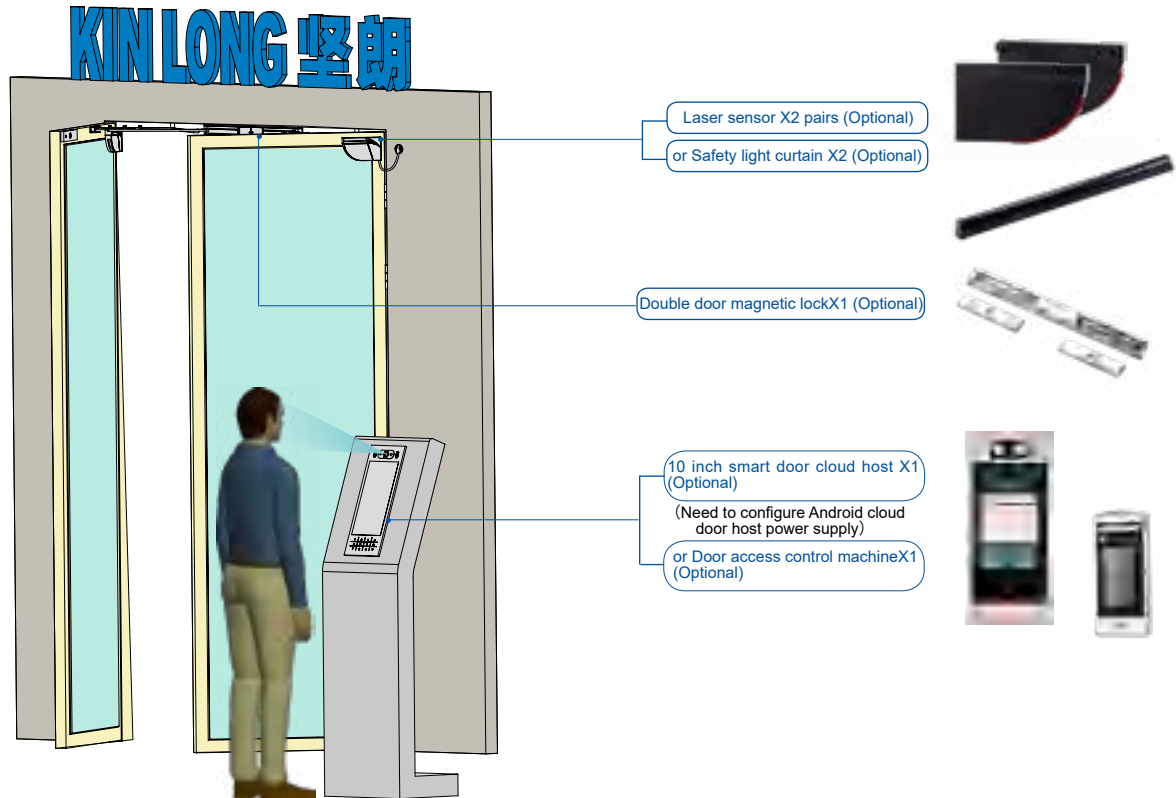
Dimensions



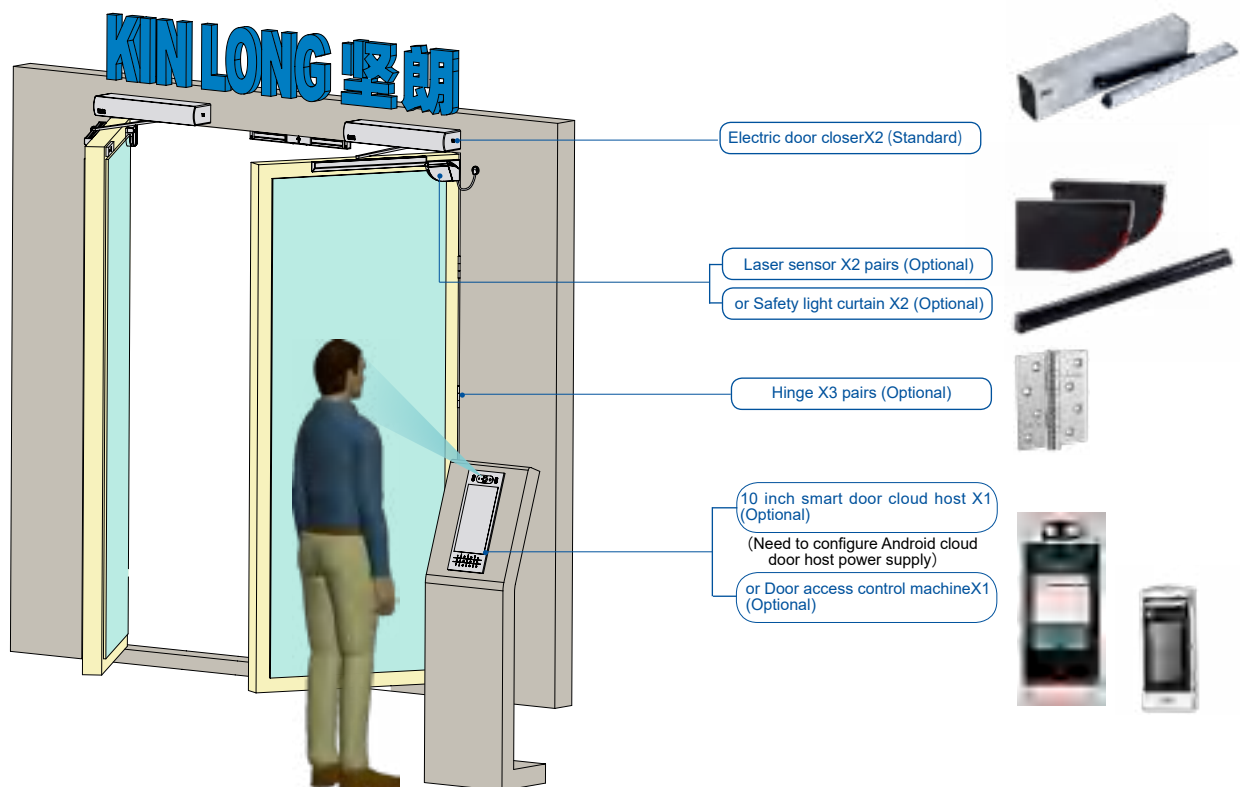
Installation schematic



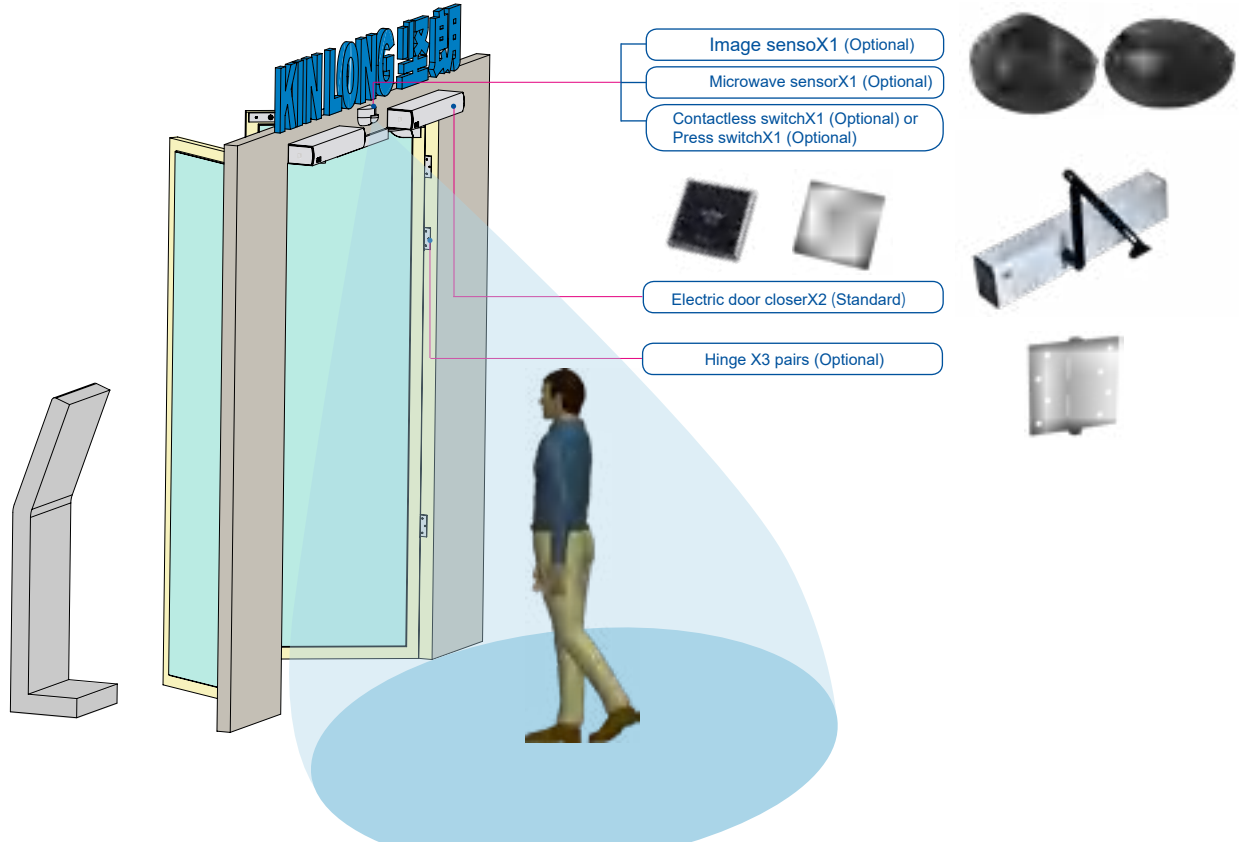
Electric door closer, rocker arm type contactless door hardware integrated configuration scheme (outdoor)



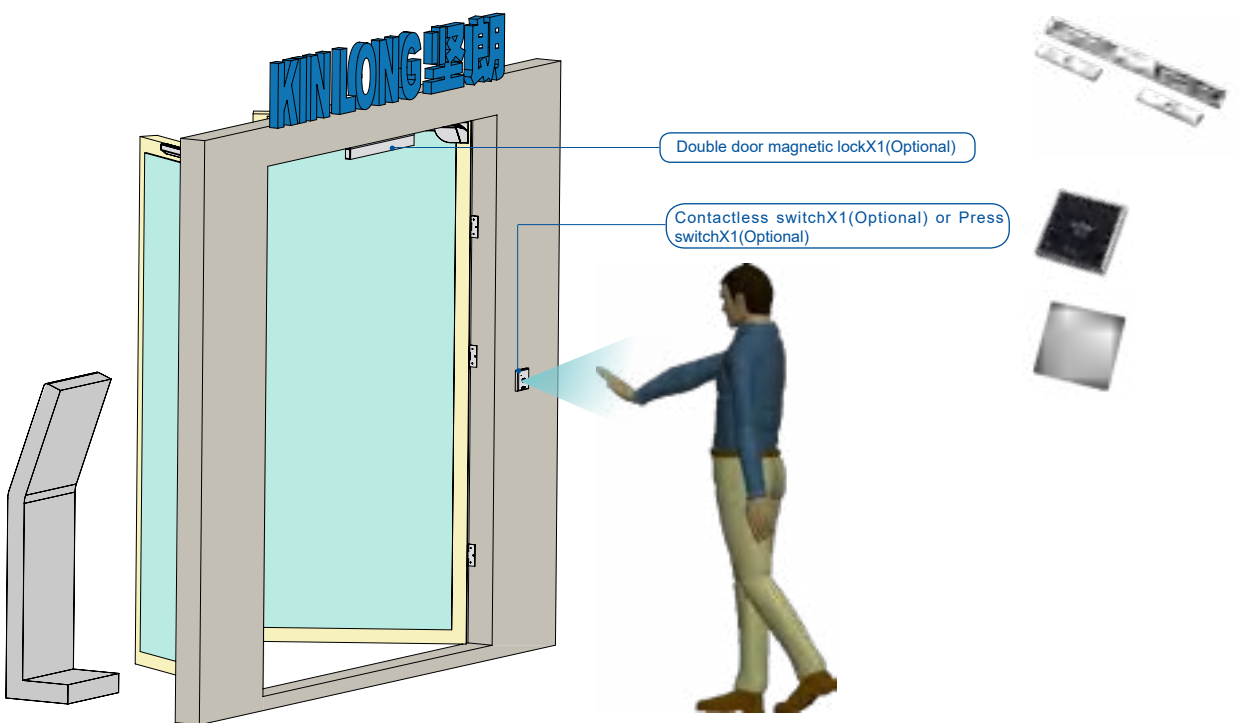
Electric door closer, rocker arm type contactless door hardware integrated configuration scheme (outdoor)



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)



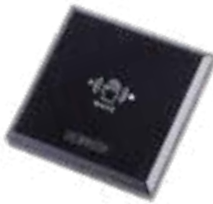
Standard accessories for electric floor hinges and door closers

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

BEP40301 Wireless contactless switch **New**



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

BEP40701 Access control machine **New**



Card reading distance	1~5cm
Working voltage	DC 12V±10%
Working current	< 100mA
Capacity	1000
Card reading Type	MF1 card
Operating temperature	0°C~60°C
Overall dimensions	120*78*22mm

Standard accessories for electric floor hinges and door closers

BBP41101 Door access control machine **New**



Scope of application	Electric swing doors
Opening mode	Face recognition, cipher, swipe card
Capacity	5000 faces, 3000 cards
Principle of Operation	Networking/ Off-line
Working voltage	DC 12V
Working current	< 500mA
Recognition	< 0.5s
Operating requirement	Indoor, avoid rain
Output of signal	NO/COM/NC
Dimensions	203*86.5*23mm

BEP40401 Microwave Sensor **New**



Main material	ABS
Surface treatment	black
Technical Principle	Microwave Doppler radar
Transmit frequency	24.125GHz
Transmit power	< 5 mW /cm²
Installation height	≤3.5m
Operating Voltage	AC/DC 12V-24V
Detection method	mobile
Dimensions	116*72.5mm

BEP40101 Image sensor **New**



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	111*75*55mm

BEP41601 IC induction card



Main material	PVC
Operating frequency	13.56MHz
Read-write distance	0-10cm
Data preservation	10 years
Operating temperature	-20°C~50°C
Overall dimensions	86*54*1mm

Standard accessories for electric floor hinges and door closers

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

BEP40501 Safety light curtain New



Induction height	≤3m
Main Functions	Anti-clip and anti-touch
Working voltage	AC12V-24V/DC12V-30V
Working current	<0.3A
Output of signal	NO/COM/NC
Principle of Operation	Active infrared background analysis
Operating temperature	-20°C ~ 55°C
Overall dimensions	620*43.5*50mm

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 power



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

BEP41701 Power controller New



Input voltage	100-240VAC
The output voltage	DC12V
输出电流	3A
延迟调节	1~10s

Standard accessories for electric floor hinges and door closers

BEP40201A Contact free special room switch New



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

BEP40201B Contact free special room switch New



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

BEP40201C Contact free special room switch New



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

电动地弹簧、闭门器专用选配件

BEP10101 Single door magnetic lock New



Overall dimensions	250*48.5*27.5mm
Security type	Power off unlocking
Input voltage/Working current	DC12V/250mA
Voltage error range	±15%
Led indicator	√
Ambient temperature	-25°C~55°C
Relative humidity	≤85%
Applicable door thickness	≤50mm
Applicable support	BEP20101/ BEP20201
Applicable support	BEP20101/ BEP20201

BEP10201 Double door magnetic lock New



Overall dimensions	500*48.5*27.5mm
Suction force	200kg*2(440Lbs*2)
Security type	Power off unlocking
Input voltage/Working current	DC12V/500mA*2
Voltage error range	±15%
Led indicator	√
Ambient temperature	-25°C~55°C
Relative humidity	≤85%
Applicable door thickness	≤50mm
Applicable support	BEP20101/ BEP20201

BEP10301 Electric bolt lock New



Operating voltage	DC12V
Operating current	110mA
Starting current	800mA
Delay time	0S、3S、6s
Scope of application	Can be installed in a variety of occasions with frame doors, wooden doors, iron doors, fire doors

BEP20101 Support New



Overall dimensions	180*41*28mm
Applicable magnetic lock	BEP10101/BEP10201
Glass thickness	10~15mm
Applicable door type	Frameless glass door
Installation position	Magnetic locking plate

BEP20201 Support New



Overall dimensions	250*48*28mm
Applicable magnetic lock	BEP10101/BEP10201
Applicable door type	Wooden door, metal door and framed glass door
Installation position	Magnetic lock lock body

BBP40601

Laser sensor

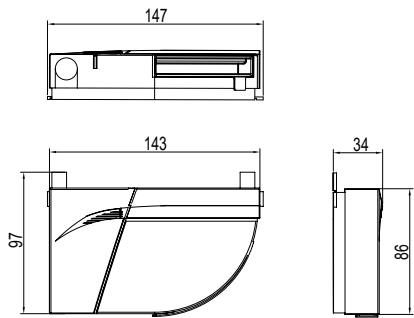


Technical Parameters

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.



BBP40801L
Laser sensor(one-sided)

Electrical

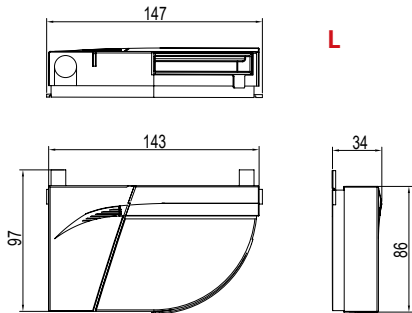


Technical Parameters

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°
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.



BBP40801R
Laser sensor(one-sided)

Electrical

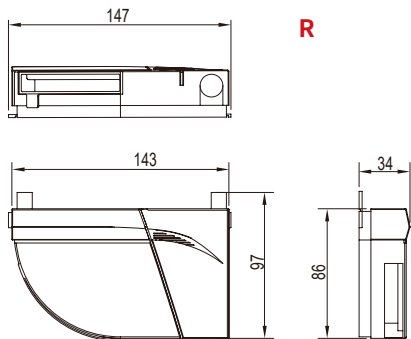


Technical Parameters

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°
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.



BEP40601 New
3D Laser sensor

Electrical




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.

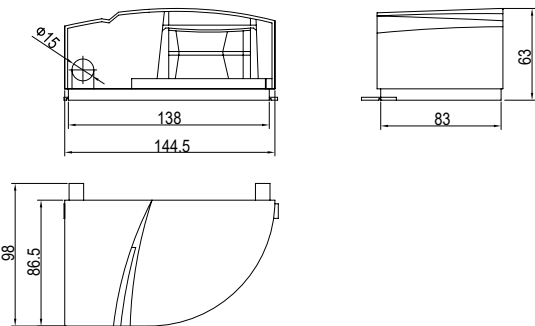


Technical Parameters

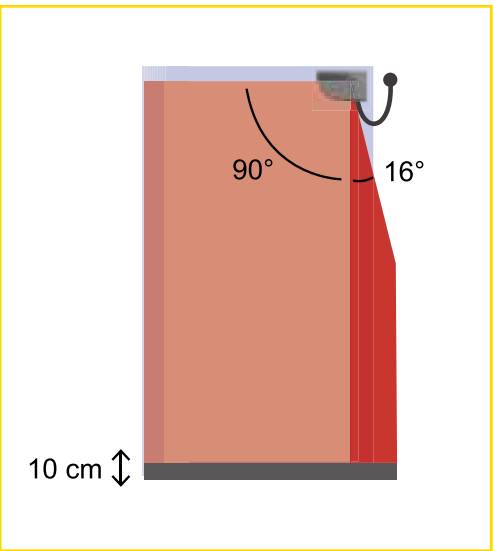
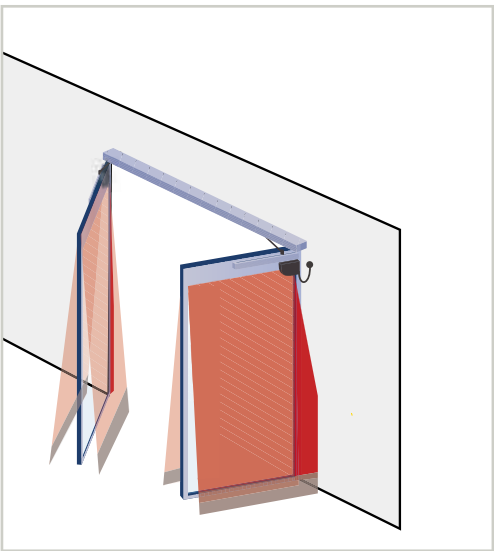
Maximum detection range	4m (diagonal), reflectivity 2% (that is, when the width is 1.5m, the highest is 3.7m)
Opening angle of detection area	Door sash protection zone: 80°/ Anti-pinch protection zone: 20°
Angular resolution	Light curtain 1:500 points (0.2 "between points) Light curtain 2:100 points (1 "between points) Light curtain 3: 60 points (1.7 "between points) Light curtain 4:40 points (2.5" between points)
Standard minimum target size Door sector	2cm @4m in light curtain C1
Test body	700mm × 300mm × 200mm (The test body CA conforms to EN 16005 and DIN 18650 standards)
Source characteristics	Infrared laser: wavelength 905nm; output pulse power < 0.1mW; level 1
Supply voltage	12-24V DC±15%
power	< 2W
Response time	Standard <120 ms/ Maximum: 220 ms(Light curtain2)
Output Maximum switching voltage	3 electronic relays (isolated-no polarity) 42V AC/ DC 100mA
LED-signal	1 RGB LED: detection/ output status
Material-color	PC/ASA-black-silver-white
Slope	0°~5°
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

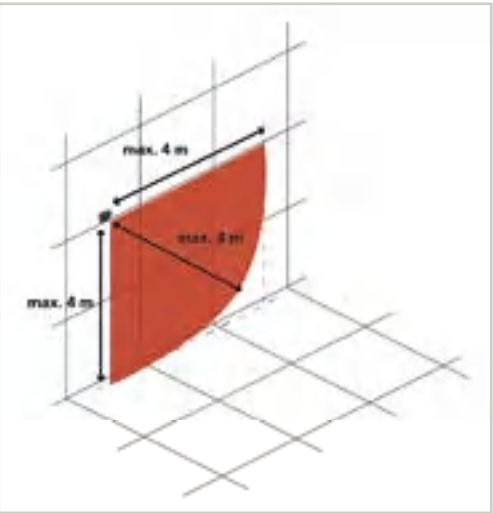
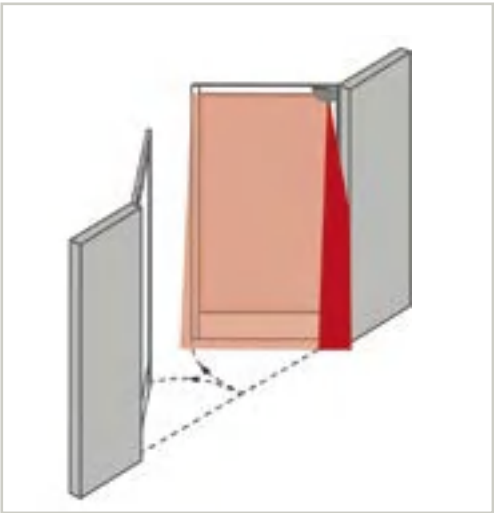
The detection area is adjustable, up to 4m (diagonal), suitable for various automatic swing doors.
170 laser points, 100% ensure the safety of the door sash area.
Not affected by the ground and environment, stable and reliable operation.
Extended area protection function to ensure the safety of the door.
Innovative hinge area protection can detect small objects like fingers.



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



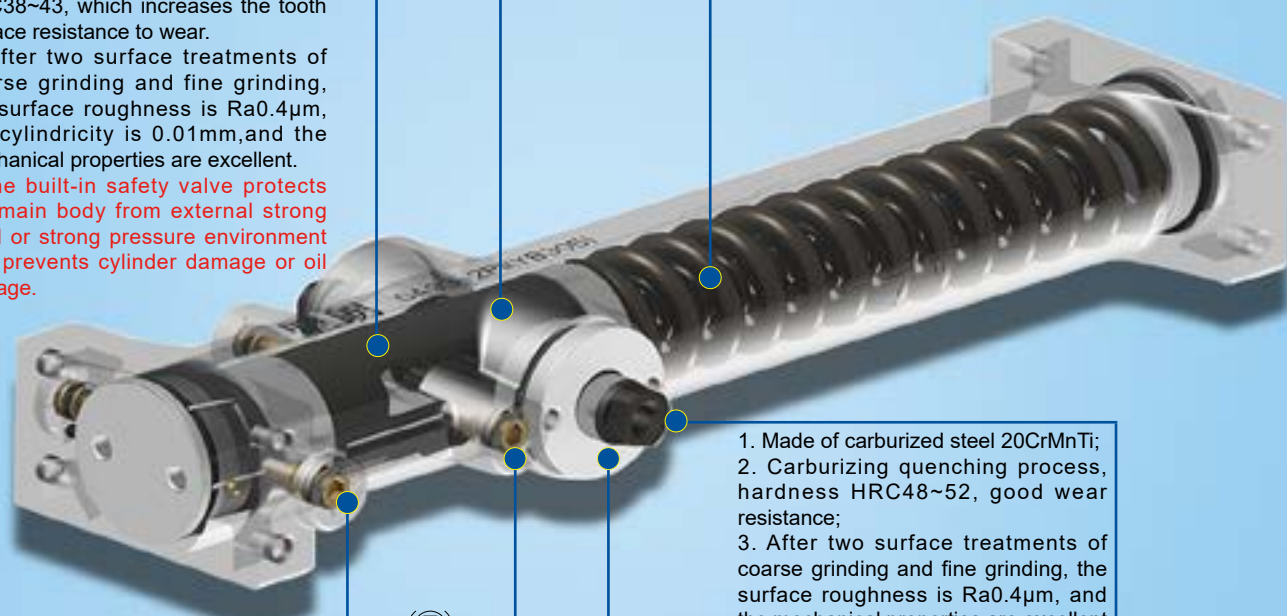
The piston

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.



2-stage door lock speed regulator

1-stage closing speed regulator



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



Needle roller bearing

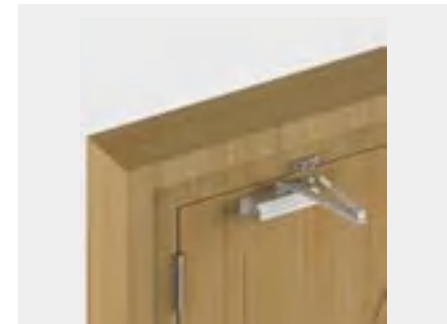
Needle roller bearing structure, reduce friction, reduce noise, reduce the opening resistance, increase the closing force



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

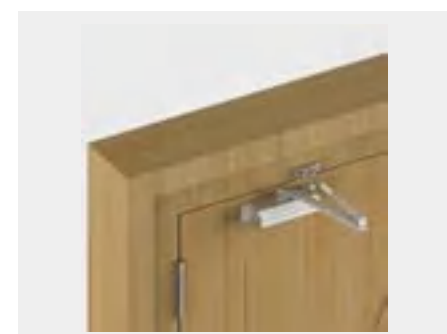


upside-down installation Illustration



Parallel Mounting Illustration

Classification of door closers



Surface mounted rocker arm type



Surface mounted slide rail type



Hidden slide rail type

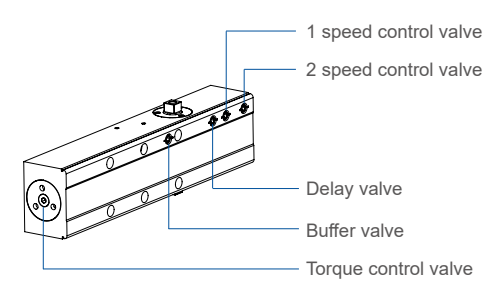
Feature selection

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.

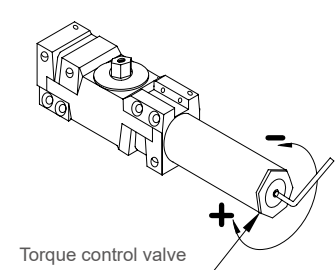
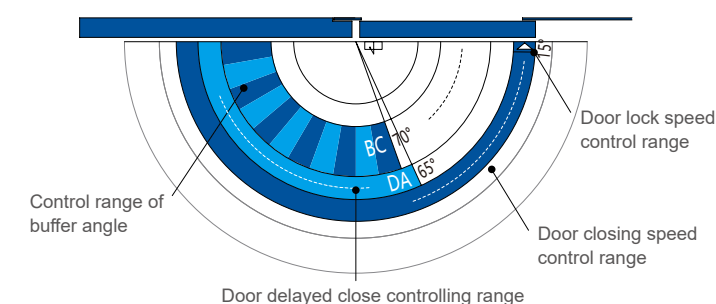
Door opening buffer(BC)function:
When the door opening angle is greater than 65°, there will be obvious resistance when opening the door.

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.

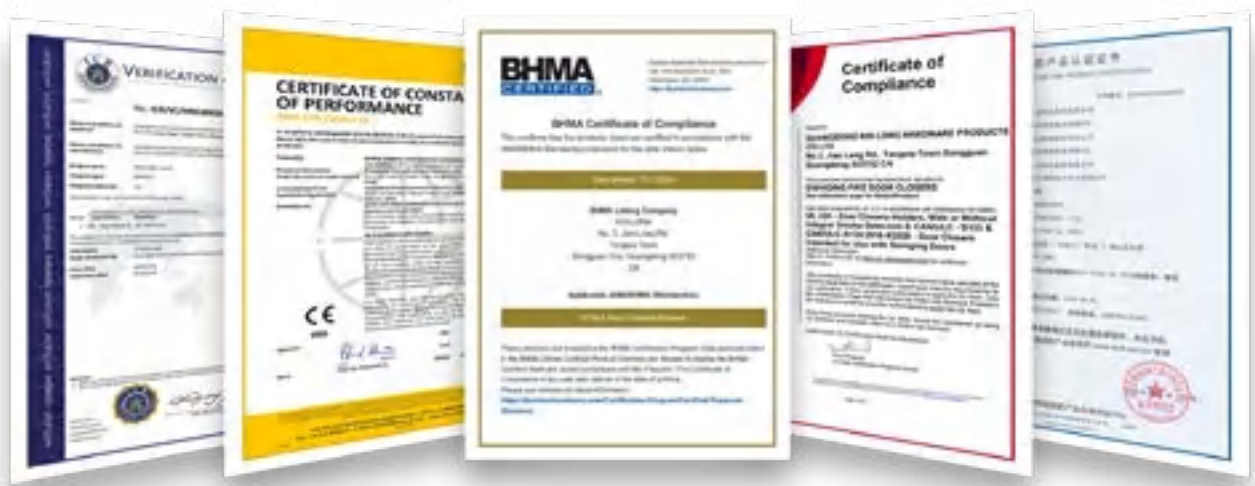
Door opening torque adjustment function:
By adjusting the number of turns of the torque regulating valve, the requirements of different door widths and weights can be realized.



Functional angle range



Product certification certificate



European standard certification BHMA certification UL US standard certification China Fire certification



Product patent certification



American standard door closer

BBM60006

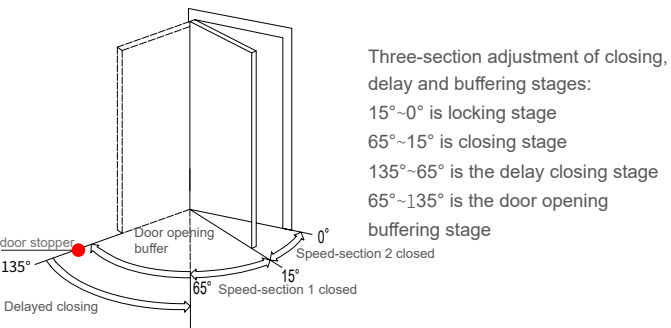
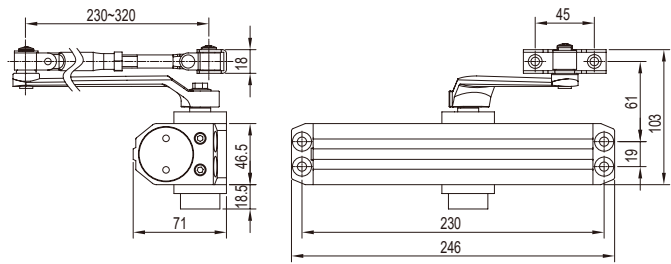
Door closer



Technical Parameters

	Positioning type	Non-hold
	Door width	650~1500mm
	Maximum Loading	15~150kg
	Service life	≥2,000,000 cycles
	Speed control	Three 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.	
	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.	

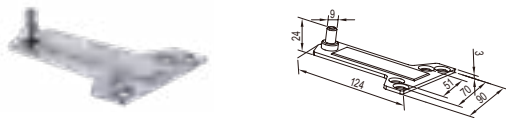
Dimensions & Functional Characteristic



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

Parallel bracket BBP20101 (optional)

For parallel installation, purchase separately



BBM60106

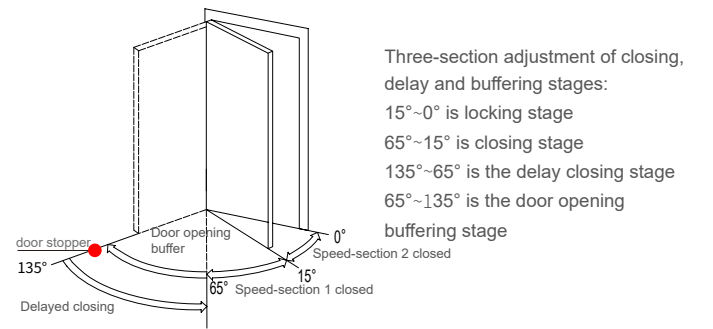
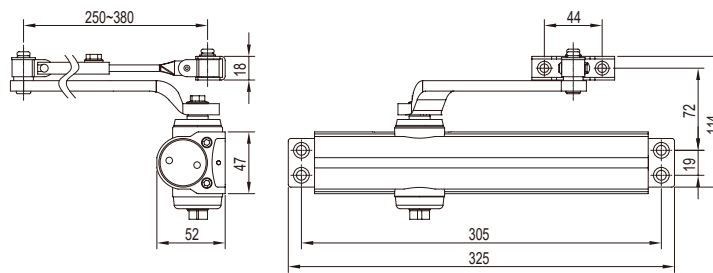
Door closer



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
	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.	
	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.	

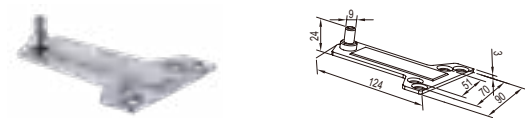
Dimensions & Functional Characteristic



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

Parallel bracket BBP20101 (optional)

For parallel installation, purchase separately



BBM60206

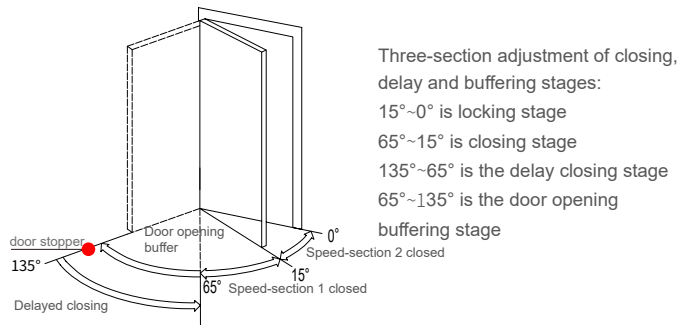
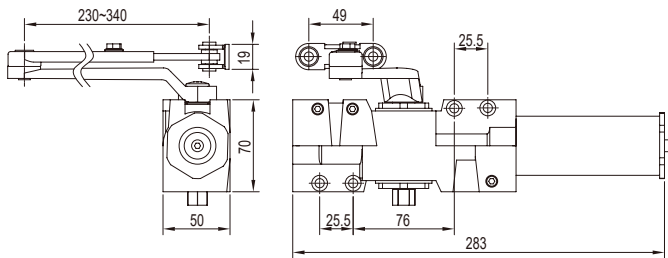
Door closer



Technical Parameters

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



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

Parallel bracket BBP20101 (optional)

For parallel installation, purchase separately



BBM60014

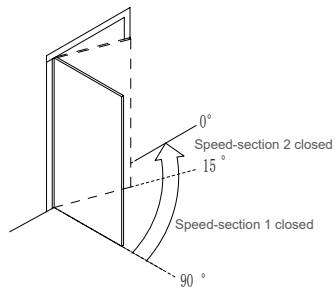
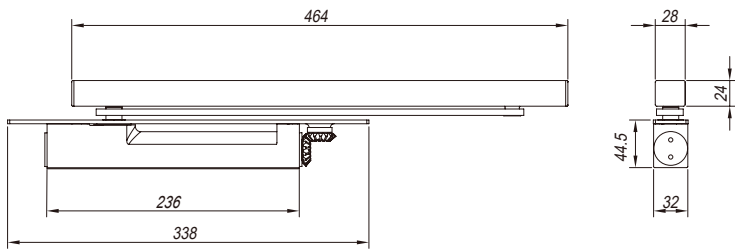
Door closer



Technical Parameters

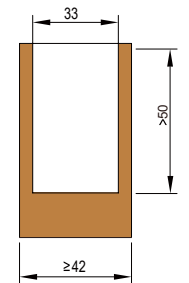
	Positioning type	Non-hold
	Door width	650~1100mm
	Maximum Loading	45~85kg
	Service life	>500,000 Cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Passed UL228, UL10C (3h fire protection) certification.	
	Exit door or fire-proof door must adopt the door 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

Thickness requirement of wooden casement



BBM60106-HG

Door closer

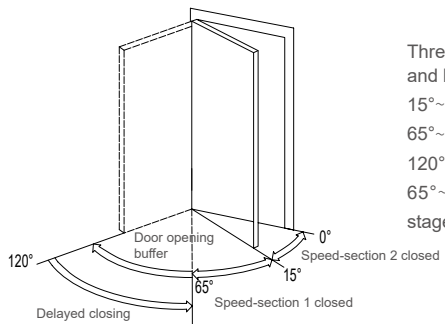
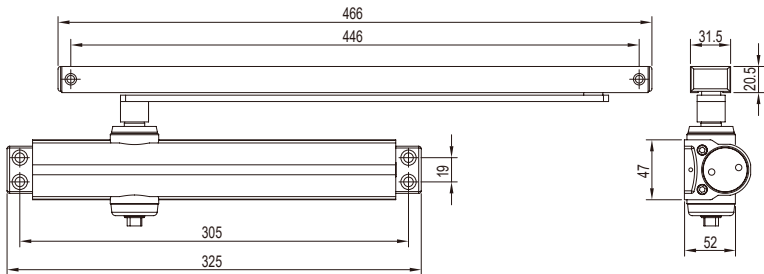


Technical Parameters

	Positioning type	Non-hold
	Door width	650~1200mm
	Maximum Loading	15~120kg
	Service life	≥2,000,000 cycles
	Speed control	Three 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



Three-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

BBM60206-LD New

Door closer

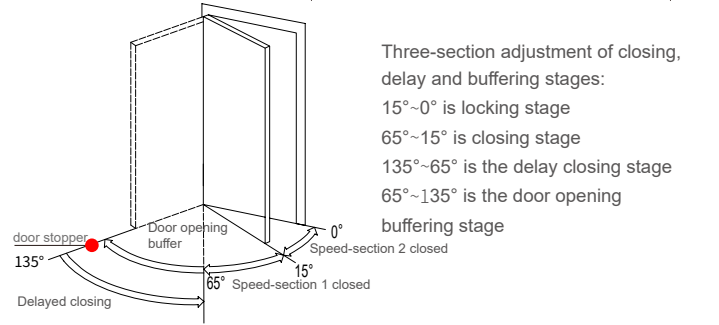
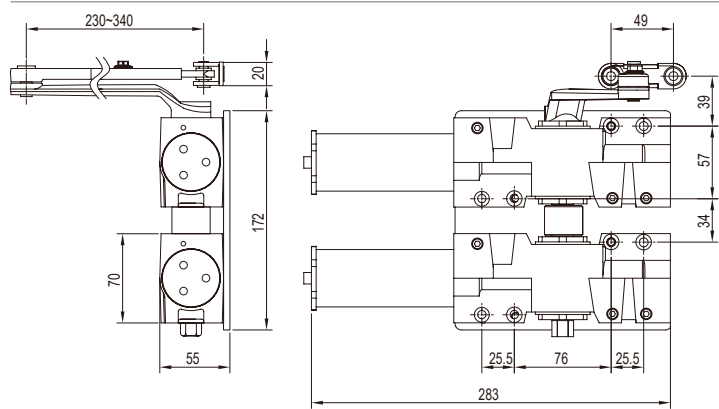


Technical Parameters

	Positioning type	Non-hold
	Door width	900~1600mm
	Maximum Loading	30~250kg
	Service life	≥2,000,000 cycles
	Speed control	Three 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

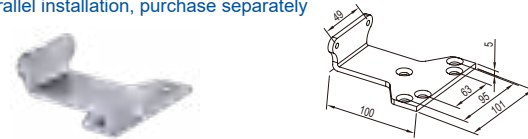


Three-section adjustment of closing, delay and buffering stages:
15°~0° is locking stage
65°~15° is closing stage
135°~65° is the delay closing stage
65°~135° is the door opening buffering stage

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

Parallel bracket BBP20001 (optional)

For parallel installation, purchase separately





Fire door closer












GA93-2CI(B401)

Fire-proof door closer

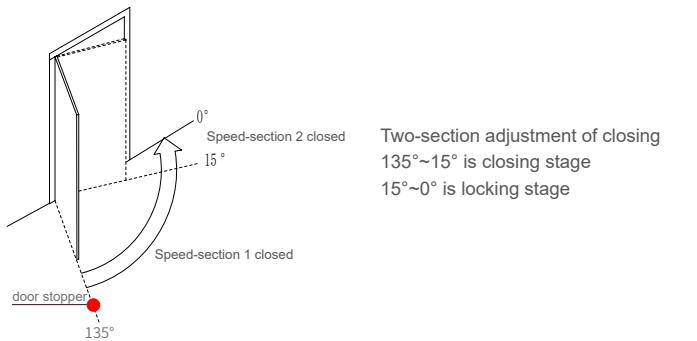
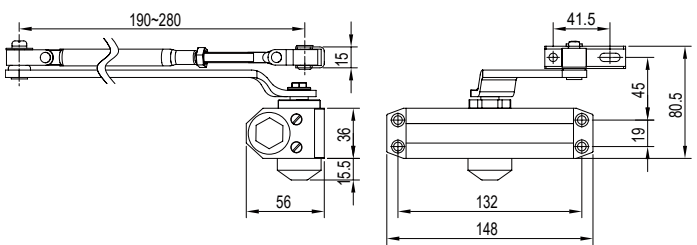
Surface installed 135° Non-hold Two



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)
	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.	

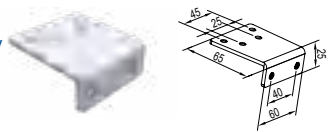
Dimensions & Functional Characteristic



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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



GA93-3CI(B103)

Fire-proof door closer

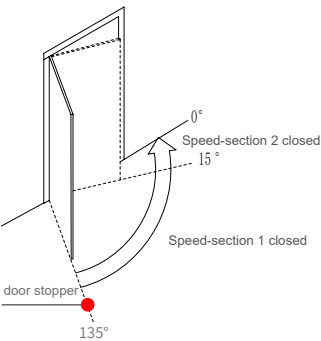
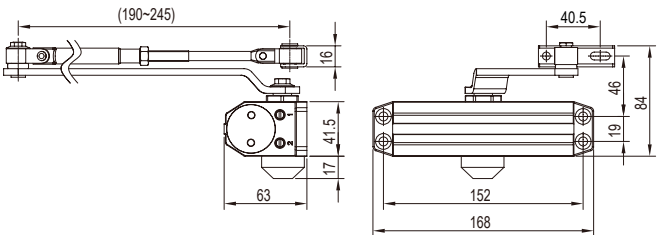
Surface installed 135° Non-hold Two



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

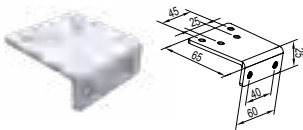


Two-section adjustment of closing
135°~15° is closing stage
15°~0° is locking stage

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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



GA93-4CI(B104)

Fire-proof door closer

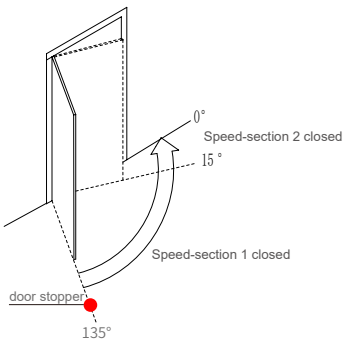
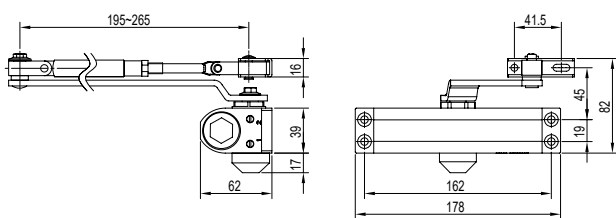
Surface installed 135° Non-hold Two



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)
	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

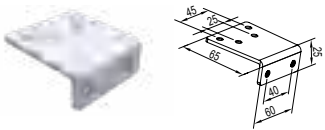


Two-section adjustment of closing
135°~15° is closing stage
15°~0° is locking stage

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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



XF93-4CI(BBM90304)

Fire-proof door closer

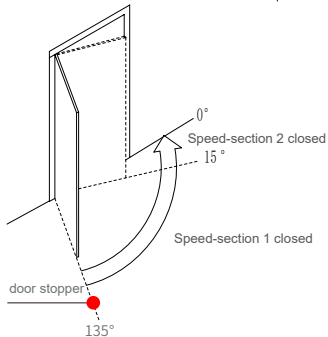
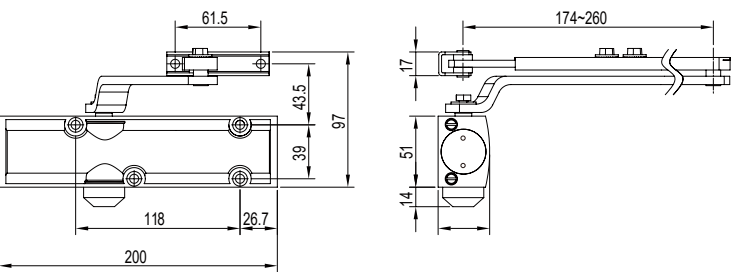
Surface installed 135° Non-hold Two



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

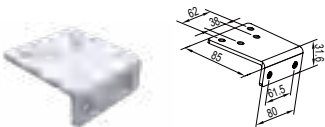


Two-section adjustment of closing
135°~15° is closing stage
15°~0° is locking stage

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

Parallel bracket BBP50101 (optional)

For parallel installation, purchase separately



XF93-3PI(BBM90215)

Fire-proof door closer

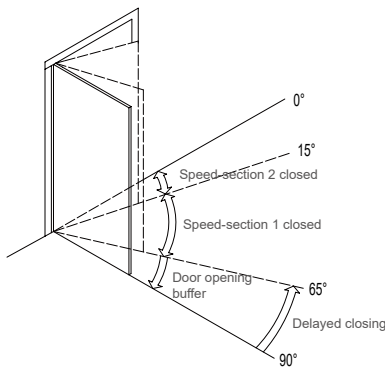
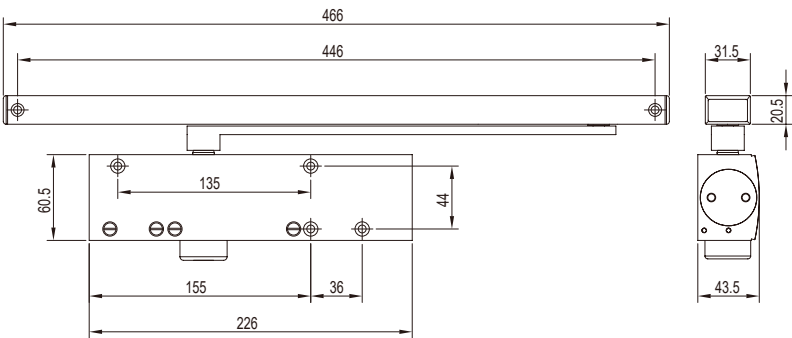
Surface installed Delayed Buffer Adjustable 90° Non-hold Three



Technical Parameters

	Positioning type	Non-hold
	Door width	650~1100mm
	Maximum Loading	45~85kg
	Service life	>300,000 cycles
	Speed control	Three 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



Three-section adjustment of closing, delay and buffering stages:
15°~0° is locking stage
65°~15° is closing stage
90°~65° is the delay closing stage
65°~90° is the door opening buffering stage

GA93-2PII(YB301)
GA93-2PII(YB305)
GA93-2PII(YB306)

Fire-proof door closer

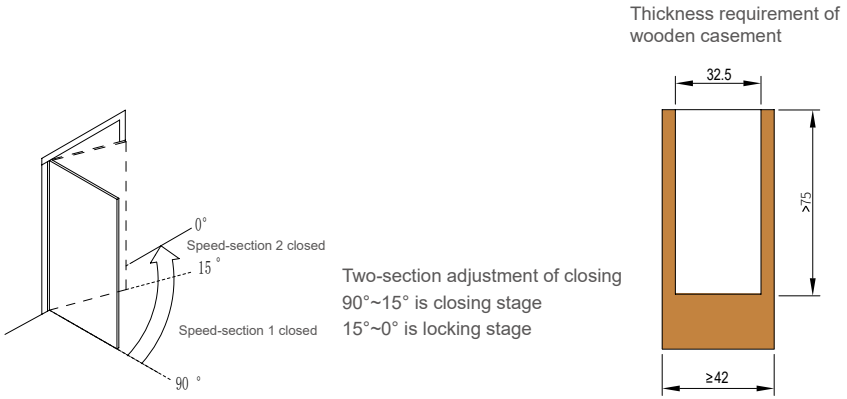
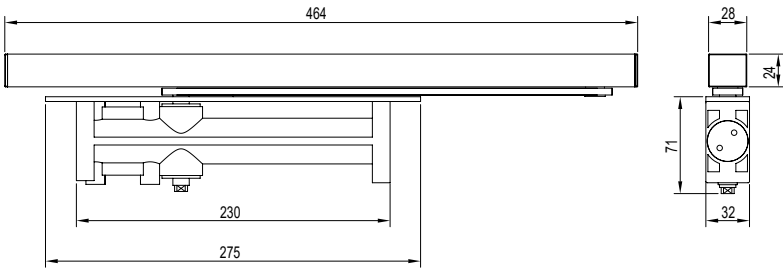
Concealed installed 90° Non-hold Two



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



XF93-2PI(BBM30114)

Fire-proof door closer

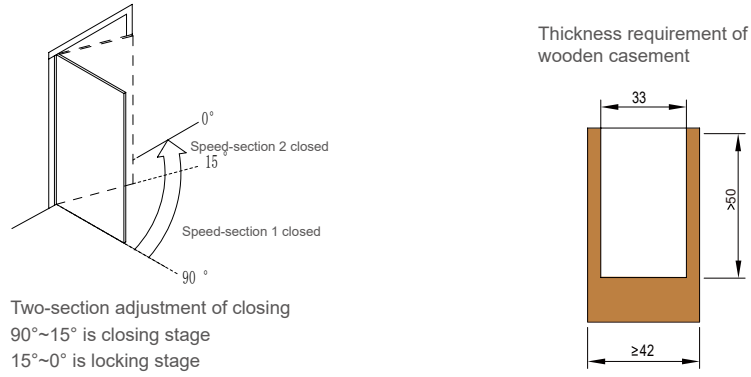
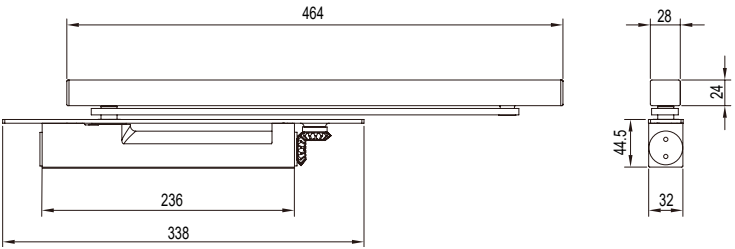
Concealed installed Adjustable 90° Non-hold Two



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



XF93-3PI(BBM30115) New
Fire-proof door closer

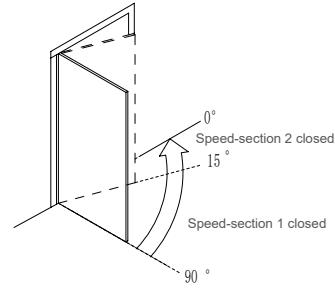
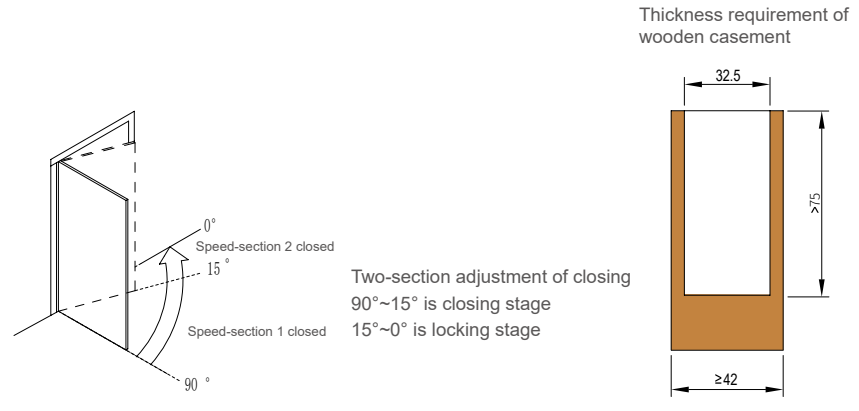
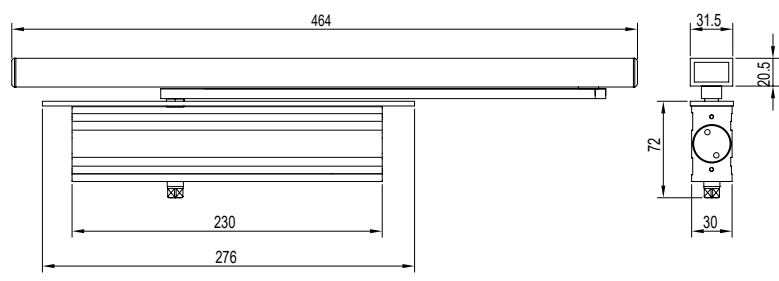
- Concealed installed
- 90°
- Non-hold
- Two



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

GA93-5CI(BBM80105)
Fire-proof door closer

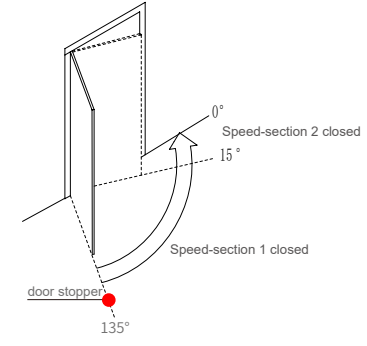
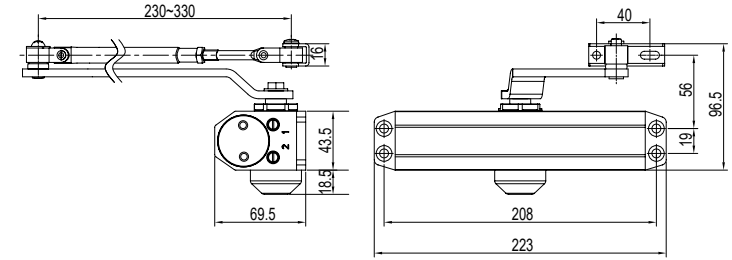
- Surface installed
- 135°
- Non-hold
- Two



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.	

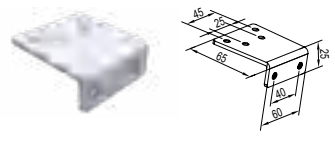
Dimensions & Functional Characteristic



Two-section adjustment of closing
135°~15° is closing stage
15°~0° is locking stage

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

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



GA93-5CI(B415)

Fire-proof door closer

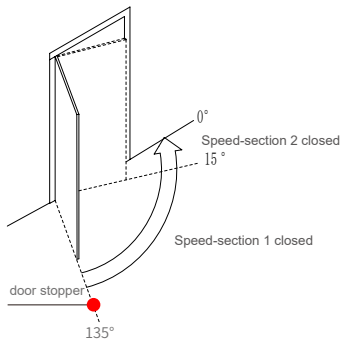
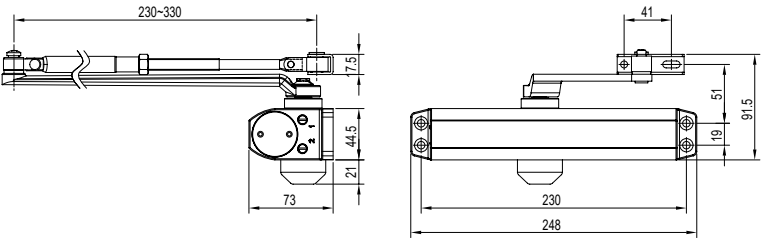
Surface installed 135° Non-hold Two



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

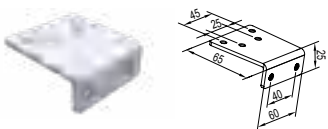


Two-section adjustment of closing
135°~15° is closing stage
15°~0° is locking stage

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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



XF93-3CI(B803)

XF93-4CI(B804)

Fire-proof door closer

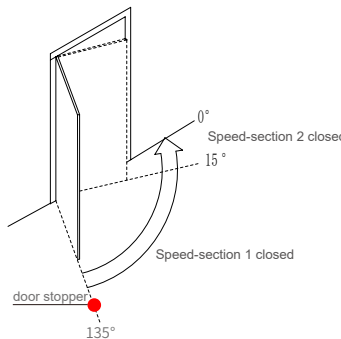
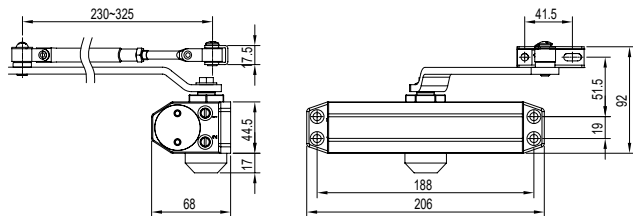
Surface installed 135° Non-hold Two



Technical Parameters

	Positioning type	Non-hold
	Door width	850~1100mm/ 1000~1250mm
	Maximum Loading	65kg/ 85kg
	Service life	>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

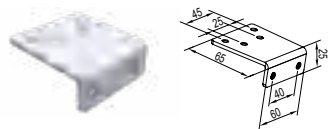


Two-section adjustment of closing
135°~15° is closing stage
15°~0° is locking stage

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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



GA93-2CII(BBM10902)-DKH

Fire-proof door closer

Surface installed 135° Non-hold Two

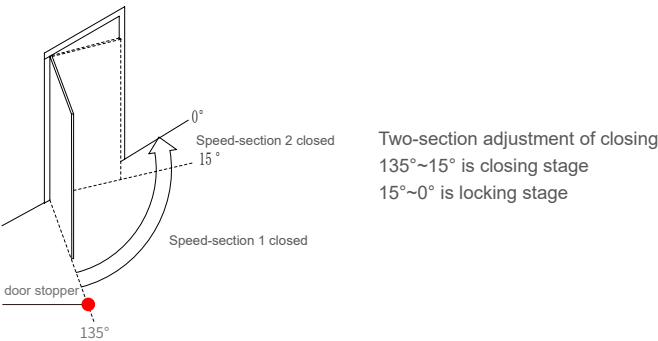
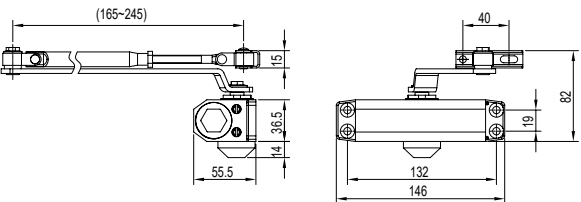


Note: Please note steel door or wood door when ordering, and need to distinguish the material code.

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



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

GA93-3CII(BBM10303)-DKH

Fire-proof door closer

Surface installed 135° Non-hold Two

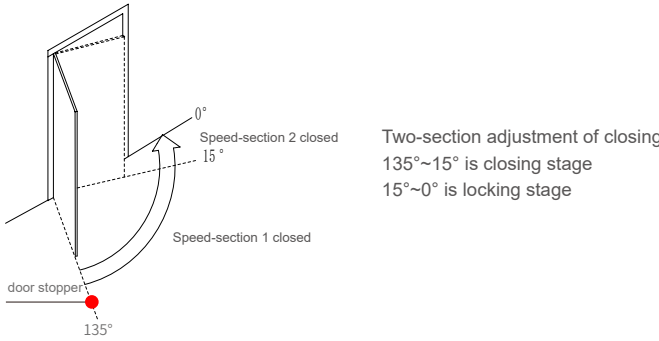
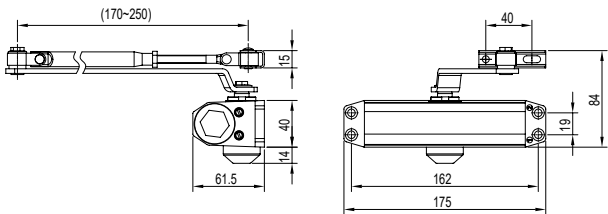


Note: Please note steel door or wood door when ordering, and need to distinguish the material code.

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



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

GA93-4CII(BBM10104)-DKH

Fire-proof door closer

Surface installed 135° Non-hold Two

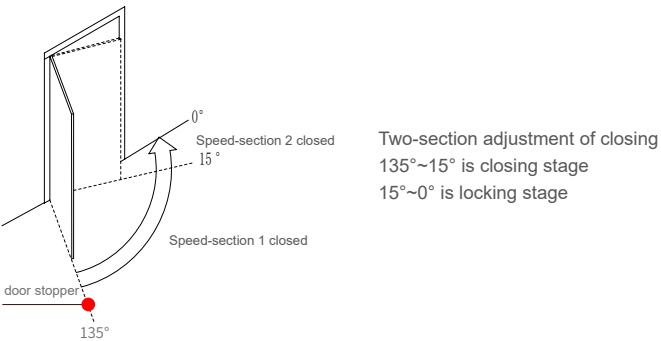
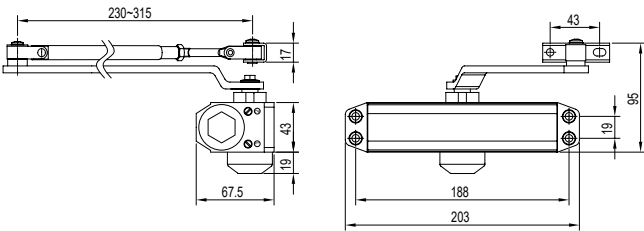


Note: Please note steel door or wood door when ordering, and need to distinguish the material code.

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



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

Two-section adjustment of closing
135°~15° is closing stage
15°~0° is locking stage



European standard door closer

B401

Door closer

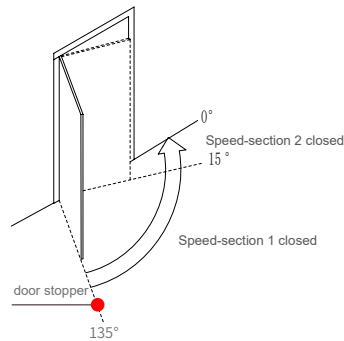
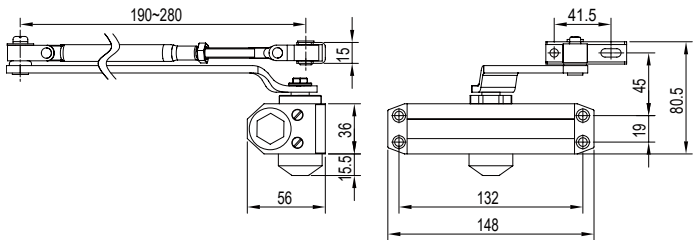
Surface installed 135° Non-hold Two



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.	

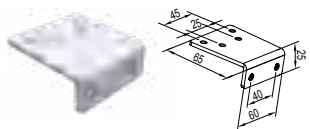
Dimensions & Functional Characteristic



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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



BBM80105

Door closer

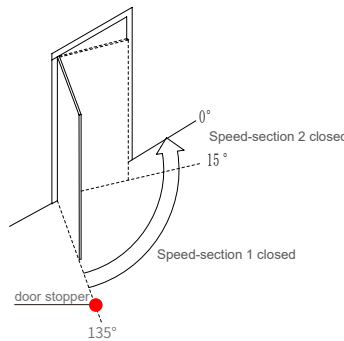
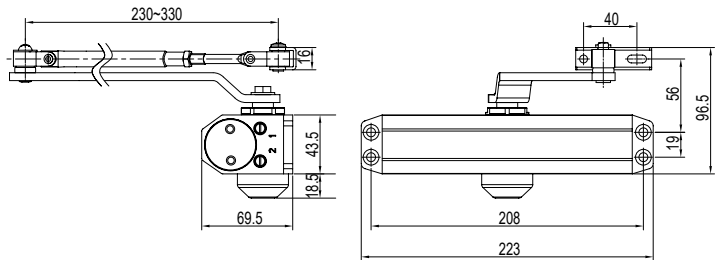
Surface installed 135° Non-hold Two



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.	

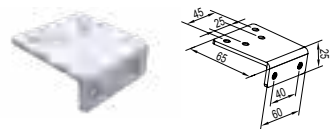
Dimensions & Functional Characteristic



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

Parallel bracket BZJ05 (optional)

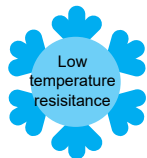
For parallel installation, purchase separately



BBM10003

Door closer

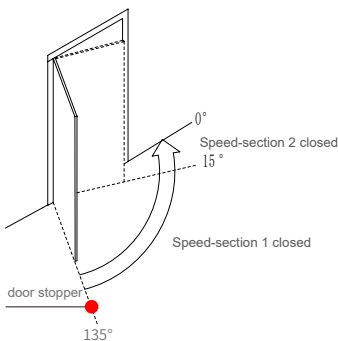
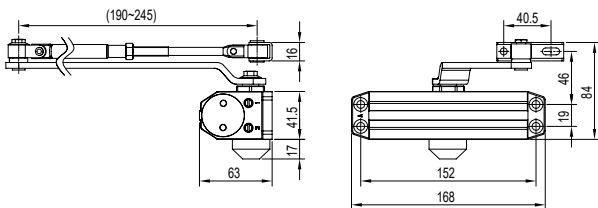
- Surface installed
- Low temperature resistance
- 135°
- Non-hold
- Two



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	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.	

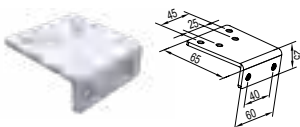
Dimensions & Functional Characteristic



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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately

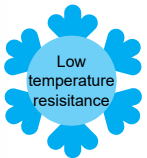


BBM10004

New

Door closer

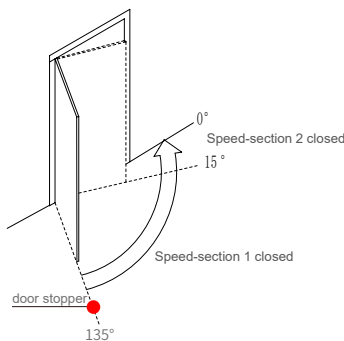
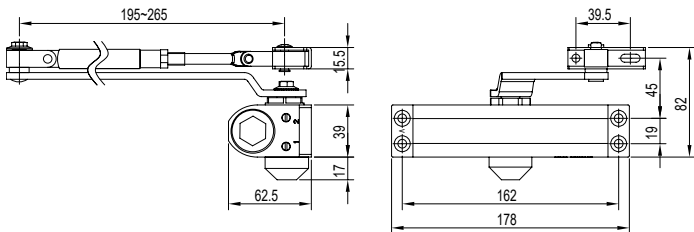
- Surface installed
- Low temperature resistance
- 135°
- Non-hold
- Two



Technical Parameters

	Positioning type	Non-hold
	Door width	1000~1250mm
	Maximum Loading	85kg
	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.	

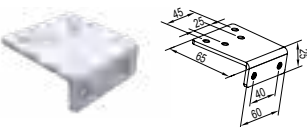
Dimensions & Functional Characteristic



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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



B103

Door closer

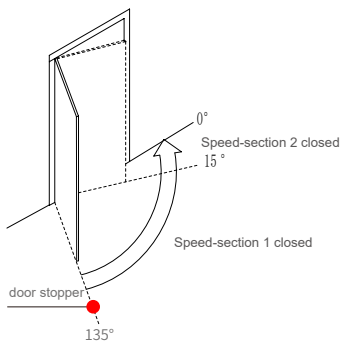
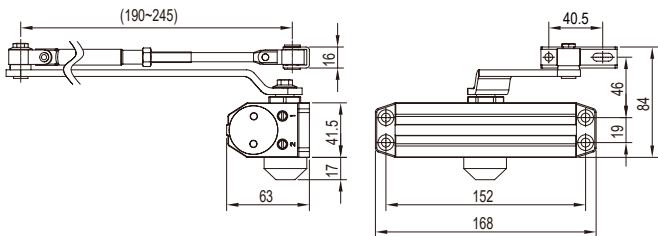
Surface installed 135° Non-hold Two



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
CE	Passed the test of EN1154 standard of door closing detection.
通过 EN1634 (3h 防火) 认证	
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.	

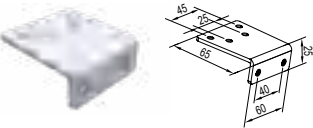
Dimensions & Functional Characteristic



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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



BBM10313

New

Door closer

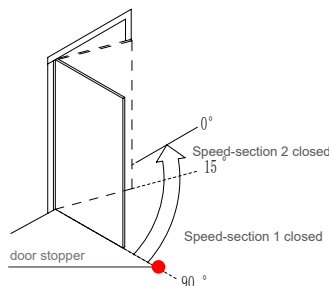
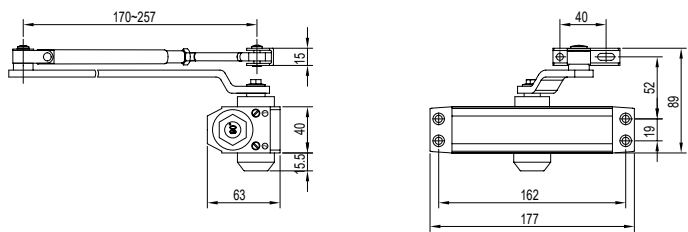
Surface installed 90° Hold Two



Technical Parameters

Positioning type	90° 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)
JG	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



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

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












BBM70102

Door closer

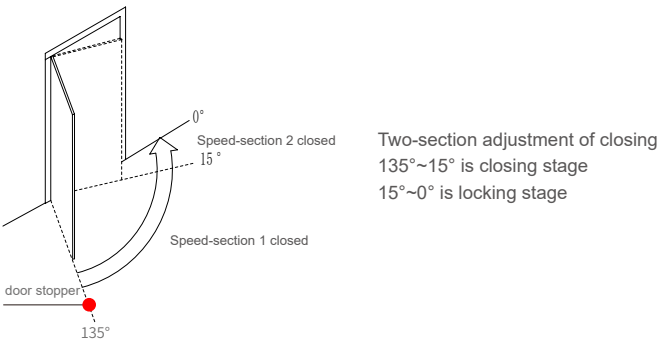
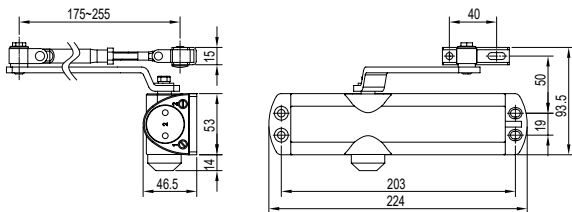
Surface installed 135° Non-hold Two



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.	

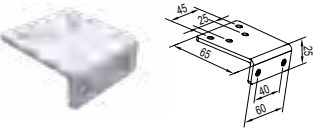
Dimensions & Functional Characteristic



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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately













BBM70112

Door closer

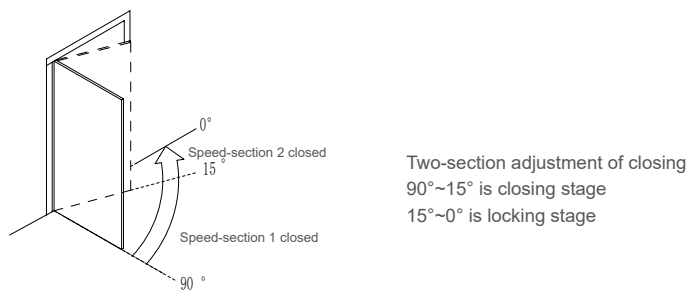
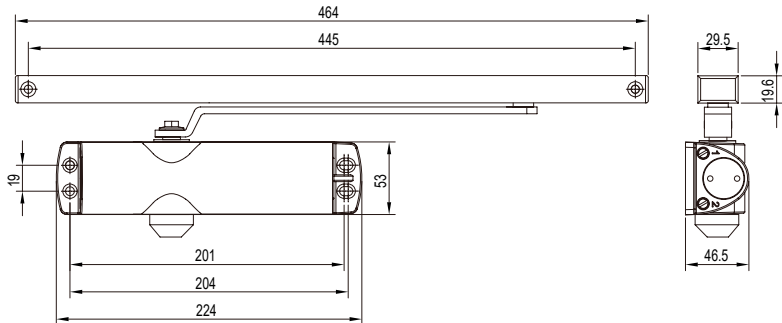
Surface installed 90° Hold Two



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

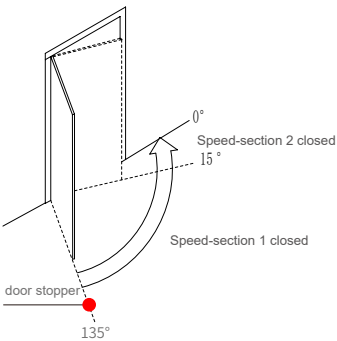
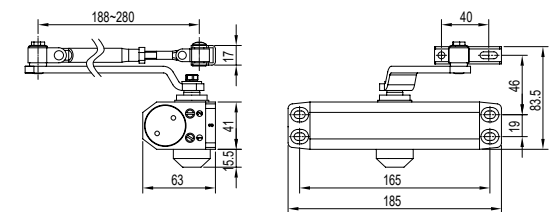
Surface installed 135° Non-hold Two



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.	

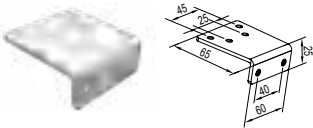
Dimensions & Functional Characteristic



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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



BBM80212

Door closer

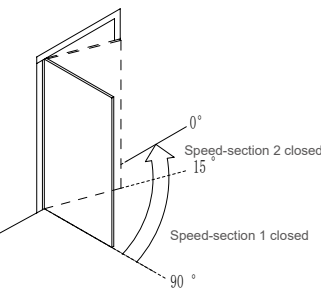
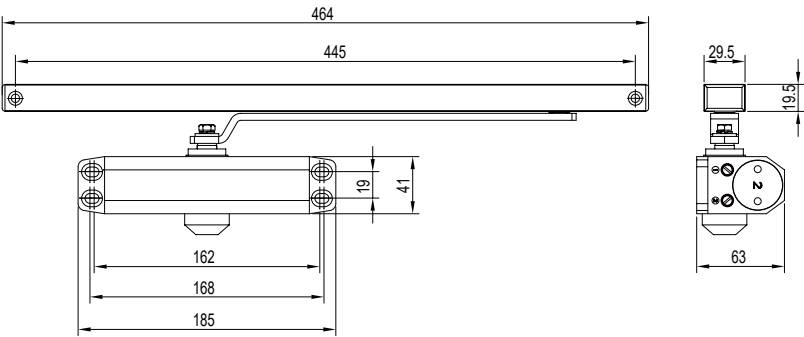
Surface installed 90° Hold Two



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













B803 / B804

Door closer

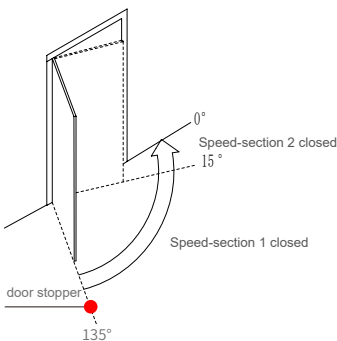
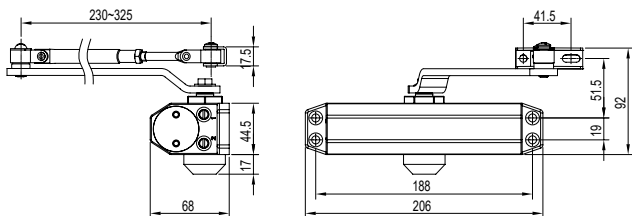
Surface installed 135° Non-hold Two



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.	

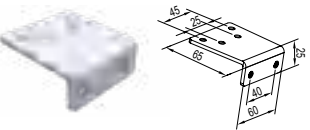
Dimensions & Functional Characteristic



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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately














BZ803 / BZ804

Door closer

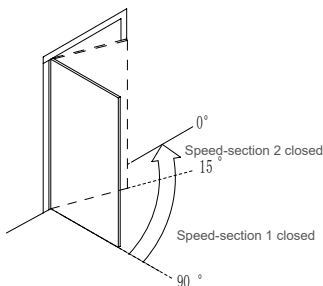
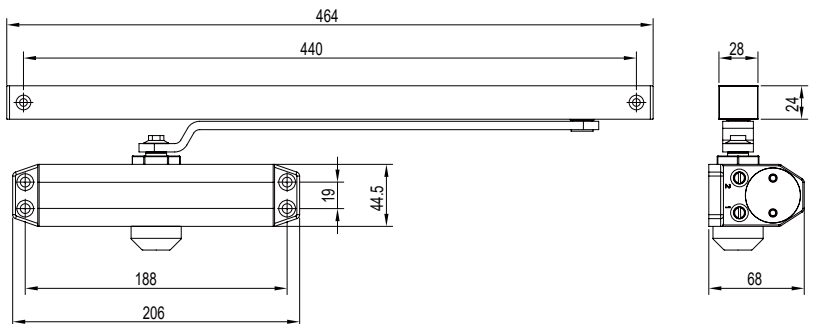
Surface installed 90° Hold Two



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 Three



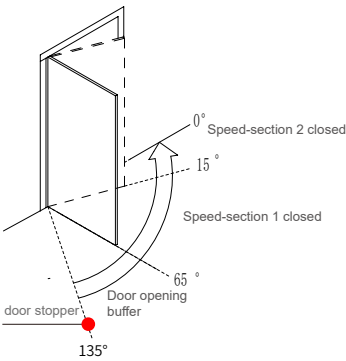
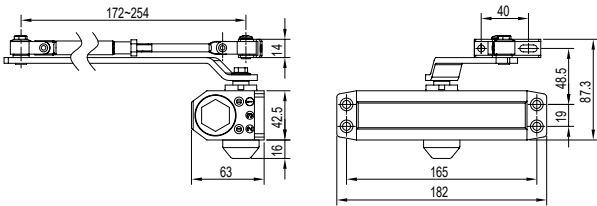
Door buffer valve



Technical Parameters

	Positioning type	Non-hold
	Door width	850~1100mm
	Maximum Loading	65kg
	Service life	>500,000 cycles
	Speed control	Three 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

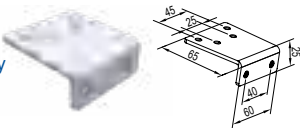


Three-section adjustment of closing, delay and buffering stages:
65°~135° is the door opening buffering stage
65°~15° is closing stage
15°~0° is locking stage

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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



BBM90104

Door closer

Surface installed Buffer 135° Non-hold Three



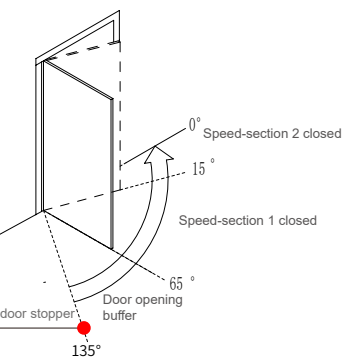
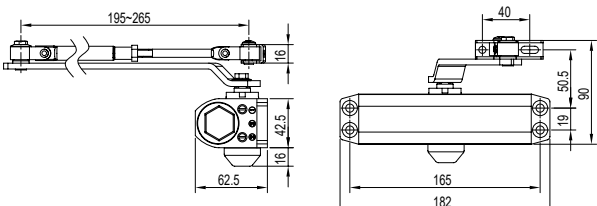
Door buffer valve



Technical Parameters

	Positioning type	Non-hold
	Door width	1000~1250mm
	Maximum Loading	85kg
	Service life	>500,000 cycles
	Speed control	Three 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

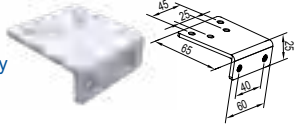


Three-section adjustment of closing, delay and buffering stages:
65°~135° is the door opening buffering stage
65°~15° is closing stage
15°~0° is locking stage

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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



B104

Door closer

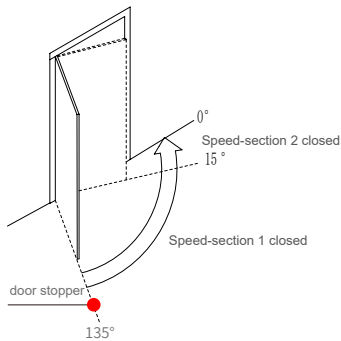
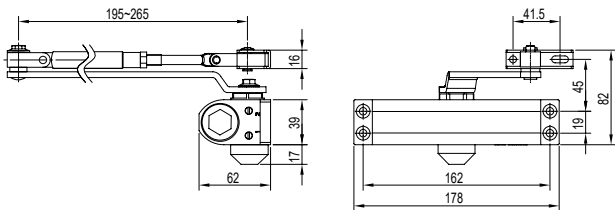
Surface installed 135° Non-hold Two



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

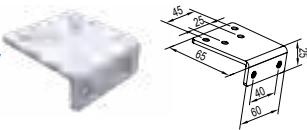


Two-section adjustment of closing
135°~15° is closing stage
15°~0° is locking stage

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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



BBM10014

Door closer

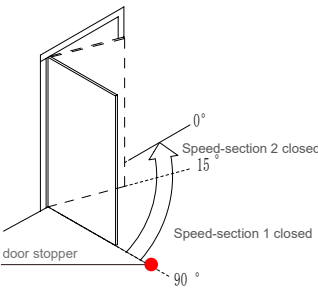
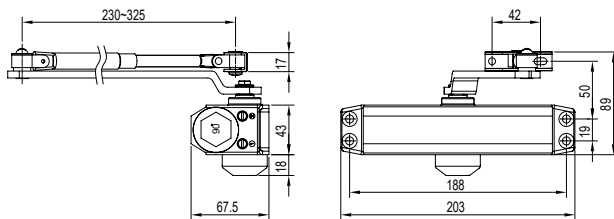
Surface installed 90° Hold Two



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

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

B415

Door closer

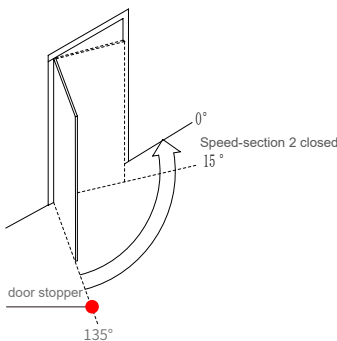
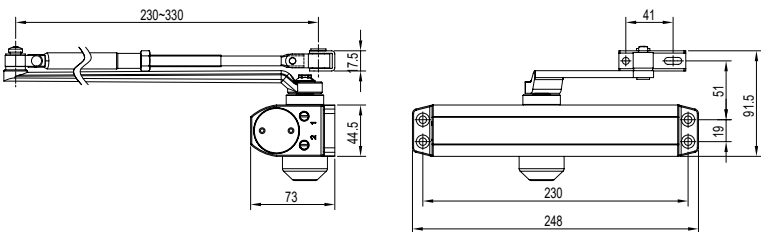
Surface installed 135° Non-hold Two



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

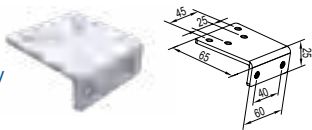


Two-section adjustment of closing
135°~15° is closing stage
15°~0° is locking stage

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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



BBM90113

New

Door closer

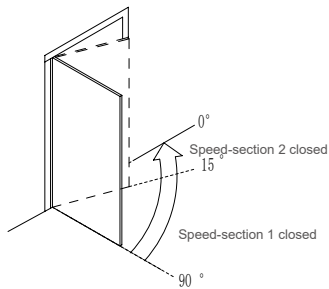
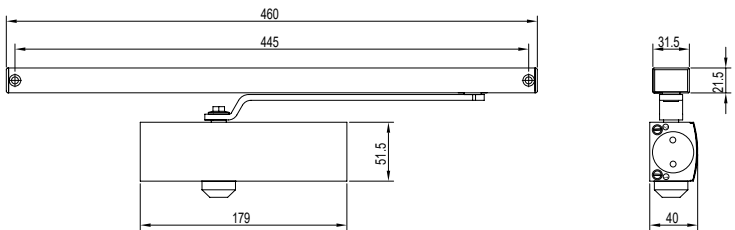
Surface installed 90° Hold Two



Technical Parameters

	Positioning type	Hold can be anywhere and withdrawn
	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)
	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

BBM90105

Door closer

- Surface installed
- Delayed
- Buffer
- Adjustable
- 120°
- Non-hold
- Three



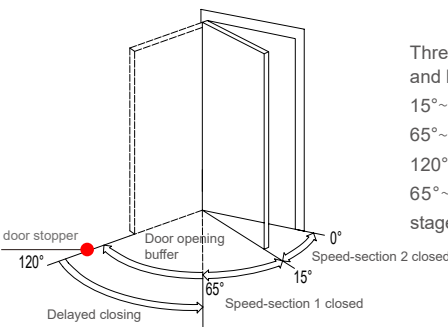
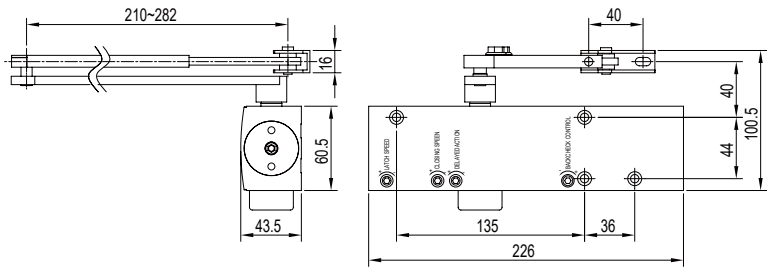
Technical Parameters

	Positioning type	Non-hold
	Door width	650~1200mm
	Maximum Loading	25~120kg
	Service life	>500,000 cycles
	Speed control	Three 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.

Dimensions & Functional Characteristic

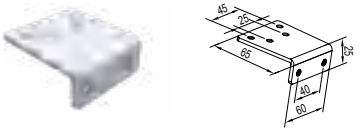


Three-section adjustment of closing, delay and buffering stages:
15°~0° is locking stage
65°~15° is closing stage
120°~65° is the delay closing stage
65°~120° is the door opening buffering stage

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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



BBM90115

Door closer

- Surface installed
- Delayed
- Buffer
- Adjustable
- 90°
- Non-hold
- Three



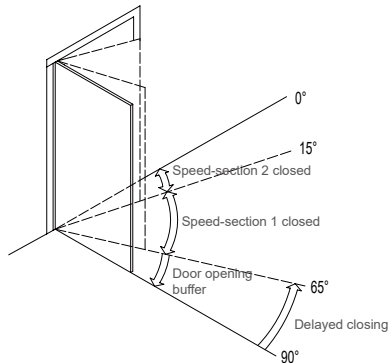
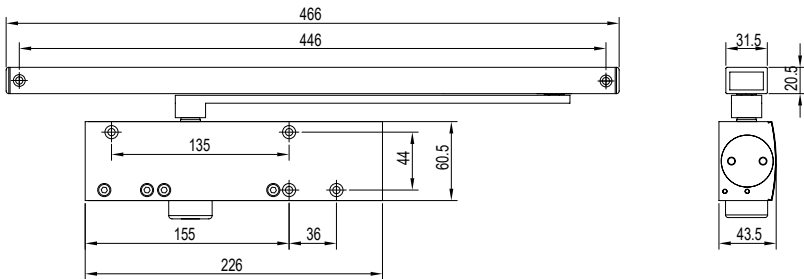
Technical Parameters

	Positioning type	Hold can be anywhere and withdrawn
	Door width	650~1200mm
	Maximum Loading	25~85kg
	Service life	>500,000 cycles
	Speed control	Three 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.

Dimensions & Functional Characteristic



Three-section adjustment of closing, delay and buffering stages:
15°~0° is locking stage
65°~15° is closing stage
90°~65° is the delay closing stage
65°~90° is the door opening buffering stage

BBM90105-BL New

Door closer (Frameless glass door only)

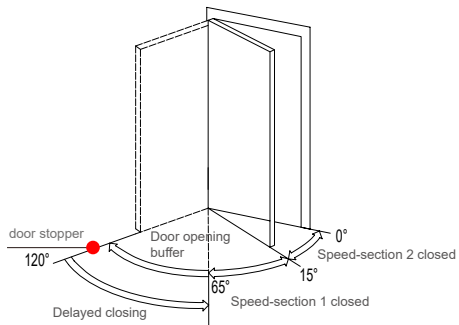
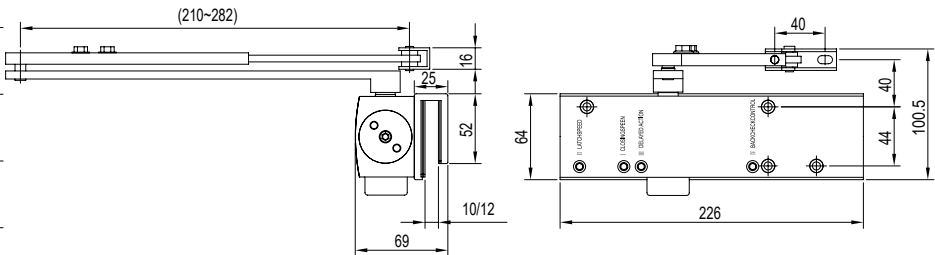
Surface installed Delayed Buffer Adjustable 120° Non-hold Three



Technical Parameters

	Positioning type	Non-hold
	Door width	650~1200mm
	Maximum Loading	25~120kg
	Service life	>500,000 cycles
	Glass clamping thickness	10mm/12mm
	Speed control	Three 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, suitable for the door frame of wood, profiles, steel structure, door for glass door type.	

Dimensions & Functional Characteristic



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

Three-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

BBM90115-BL New

Door closer (Frameless glass door only)

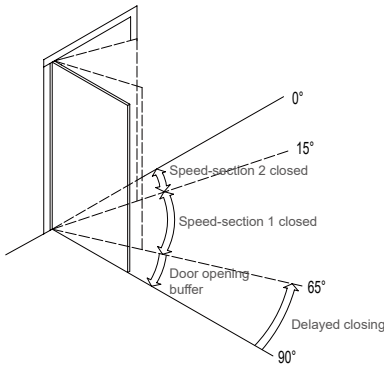
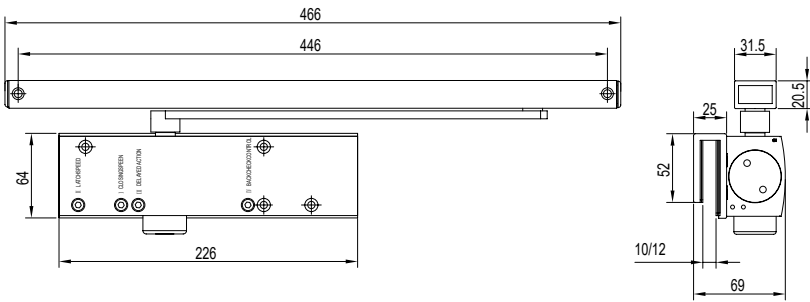
Surface installed Delayed Buffer Adjustable 90° Non-hold Three



Technical Parameters

	Positioning type	Hold can be anywhere and withdrawn
	Door width	650~1200mm
	Maximum Loading	25~85kg
	Service life	>500,000 cycles
	Glass clamping thickness	10mm/12mm
	Speed control	Three 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, suitable for the door frame of wood, profiles, steel structure, door for glass door type.	

Dimensions & Functional Characteristic



Three-section adjustment of closing, delay and buffering stages:
15°~0° is locking stage
65°~15° is closing stage
90°~65° is the delay closing stage
65°~90° is the door opening buffering stage

BBM90206

Door closer

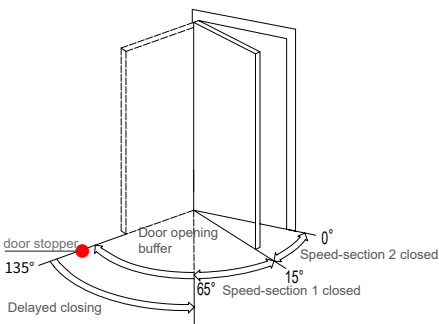
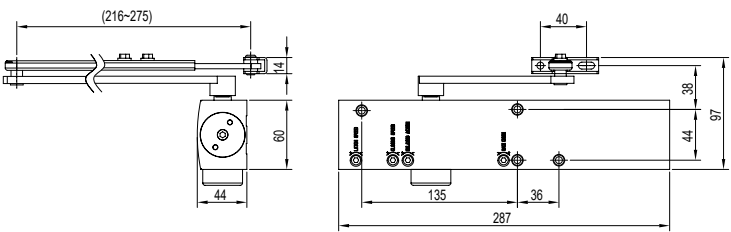
- Surface installed
- Delayed
- Buffer
- Adjustable
- 135°
- Non-hold
- Three



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	Three 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

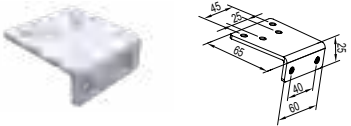


Three-section adjustment of closing, delay and buffering stages:
15°~0° is locking stage
65°~15° is closing stage
135°~65° is the delay closing stage
65°~135° is the door opening buffering stage

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

Parallel bracket BZJ05 (optional)

For parallel installation, purchase separately



YB301/YB305/YB306

Door closer

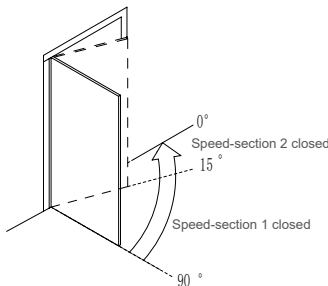
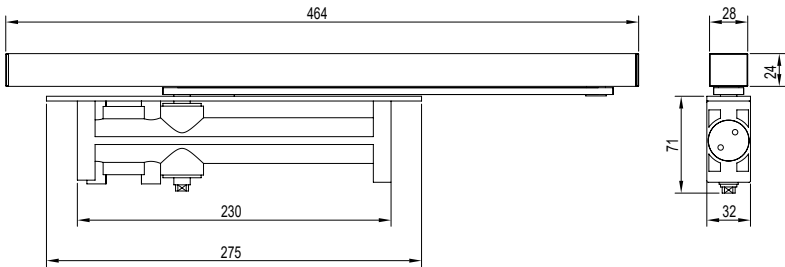
- Concealed
- 90°
- Hold
- Two



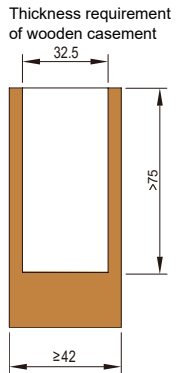
Technical Parameters

	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














BBM30112

Door closer

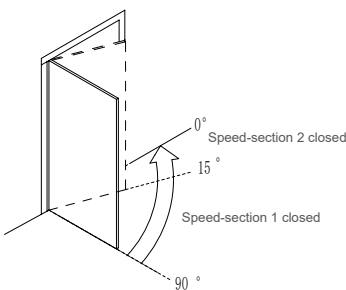
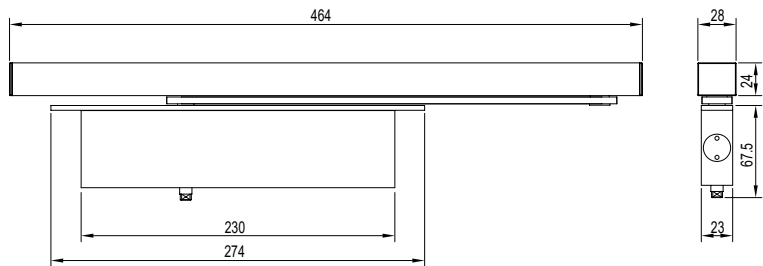
Concealed 90° Hold Two



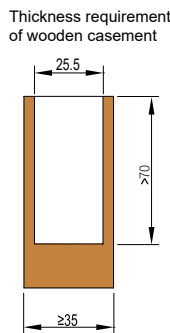
Technical Parameters

	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














BBM30113

Door closer

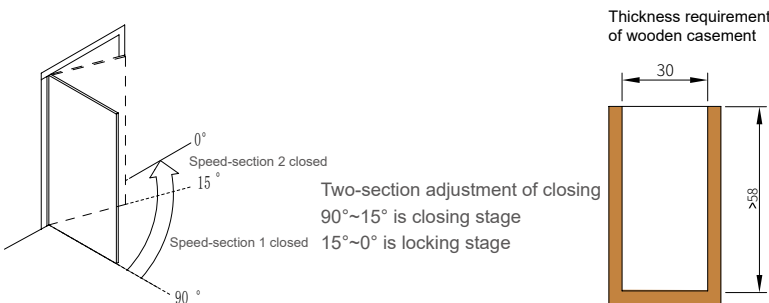
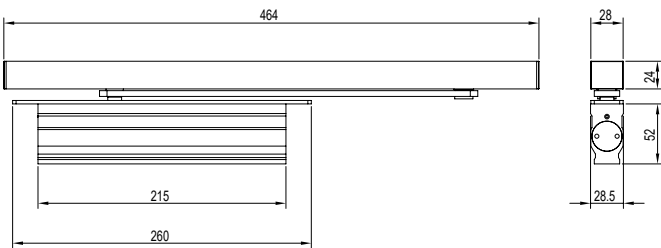
Concealed 90° Hold Two



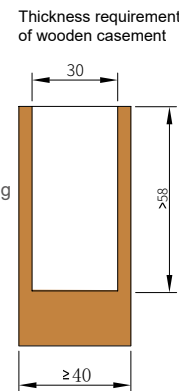
Technical Parameters

	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



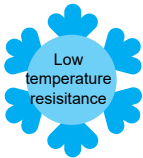
The adjustment diagram of the rail holding force is the same as YB301, YB305, YB306.



BBM30213

Door closer

- Concealed
- Low temperature resistance
- 90°
- Hold
- Two

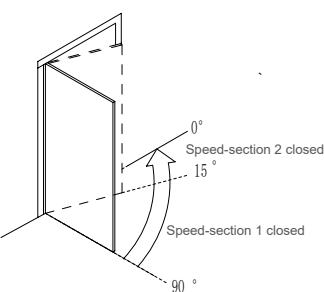
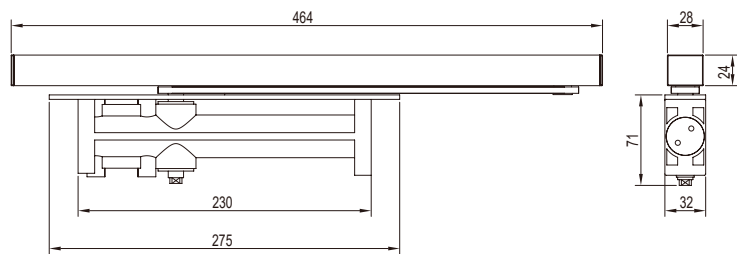


Technical Parameters

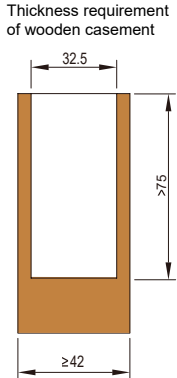
	Positioning type	Hold can be anywhere and withdrawn
	Door width	850~1100mm
	Maximum Loading	65kg
	Service life	>500,000 cycles
	Speed control	Two speed section
	Surface treatment	Brown (color can be customized)
	Suitable Temperature	-40°C~55°C (suitable for northern cold areas)

- Passed the test of EN1154 standard of door closing detection.
- Passed the test of industrial standard JG/T 268.
- 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



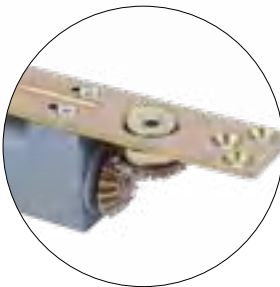
Two-section adjustment of closing
90°~15° is closing stage
15°~0° is locking stage



BBM30114

Door closer

- Concealed led
- Adjustable
- 90°
- Hold
- Two

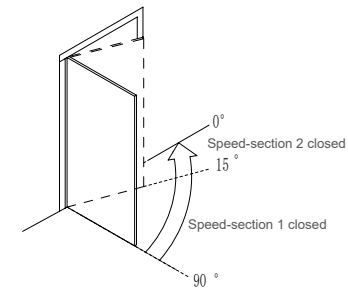
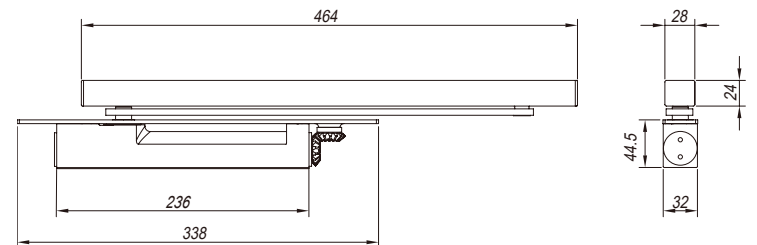


Technical Parameters

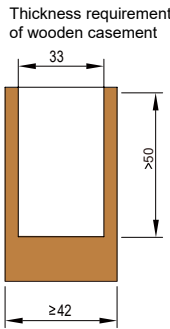
	Positioning type	Hold can be anywhere and withdrawn
	Door width	650~1100mm
	Maximum Loading	45~85kg
	Service life	>500,000 cycles
	Speed control	Two speed section
	Surface treatment	Silver gray (color can be customized)
	Suitable Temperature	-20°C~55°C

- 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



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



BBM30115

Door closer

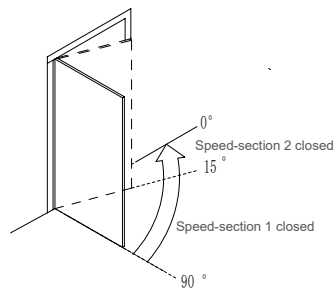
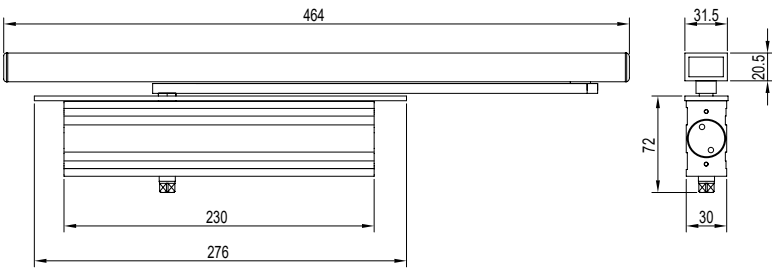
- Concealed
- 90°
- Hold
- Two



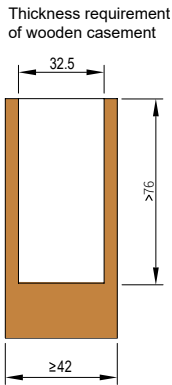
Technical Parameters

	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



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



BBM30515

New

Door closer

- Concealed
- Buffer
- Adjustable
- 90°
- Hold
- Three

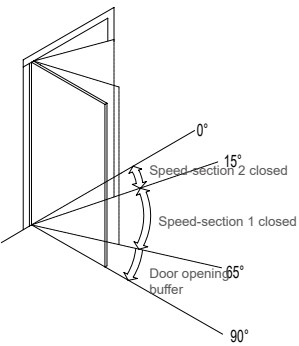
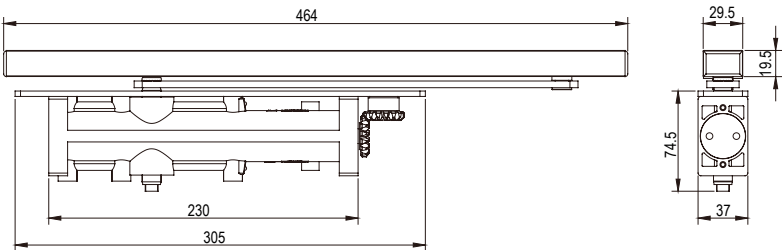


Open buffer valve

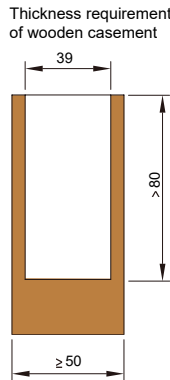
Technical Parameters

	Positioning type	Hold can be anywhere and withdrawn
	Door width	650~1100mm
	Maximum Loading	25~120kg
	Service life	> 500,000 cycles
	Speed control	Three 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.	
	Door opening buffering function: when the door opening angle is greater than 65°, there will be obvious resistance for opening the door.	
	Adjustable torque: the opening force can be adjusted according to the size and weight of the door.	

Dimensions & Functional Characteristic



Three-section adjustment of closing, delay and buffering stages:
65°~90° is the door opening buffering stage
15°~0° is locking stage
65°~15° is closing stage



03

Glass Door Patch



Glass Door Patch List

NO.	Code	Product Name	Maximum Loading	Diagram	Glass Thickness	Door Height	Door Width	Page number
1	KMJ112 HW/D/E	Patch fitting	100Kg		10~12mm	≤ 2600mm	≤ 1000mm	P99
2	KMJ443A	Patch fitting	100Kg		10~15mm	≤ 2600mm	≤ 900mm	P103
3	KMJ112 KMJ113 KMJ123	Patch fitting	100Kg		10~12mm	≤ 2600mm	≤ 1000mm	P104
4	KMJ114	Patch fitting	130Kg		10-12	≤ 2800mm	≤ 1000mm	P109
5	KMJ115	Patch fitting	150Kg		12、15mm 19mm	≤ 2800mm	≤ 1000mm ≤ 1100mm	P111
6	KMJ117 KMJ118	Patch fitting	200Kg		15~22mm	≤ 3000mm	≤ 1200mm	P115
7	KMJ333	Brackets	100Kg		10~15mm	≤ 2600mm	≤ 1000mm	P119
8	KMJ344	Brackets	130Kg		10~15mm	≤ 2800mm	≤ 1100mm	P120
9	KMJ354	Brackets	130Kg		10~15mm	≤ 2800mm	≤ 1100mm	P121
10	KMJ215	Long patch fitting	150Kg		10~15mm	≤ 2800mm	≤ 1400mm	P123
11	KMJ217	Long patch fitting	200Kg		10~19mm	≤ 3000mm	≤ 1400mm	P125
12	M8	Fixed Patch Fitting	40Kg		10~12mm	≤ 1800mm	≤ 600mm	P127
13	M7/8	Fixed Patch Fitting	50Kg		10~12mm	≤ 2200mm	≤ 600mm	P128
14	S102/M41A	Lock patch	/		10~12mm	/	/	P132
15	KFJ400	Glass Clamp	/		8/10/12mm	/	/	P133

Functional Characteristic

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

KMJ11240-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

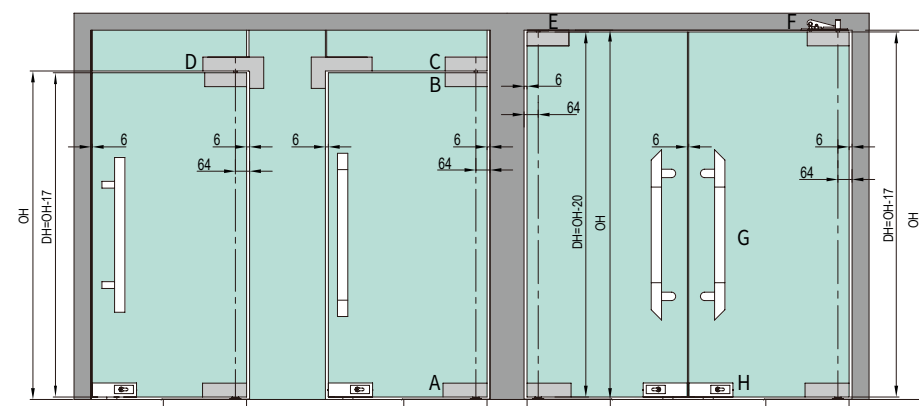
Maximum Bearing	100kg
Glass Thickness	10-12mm
Door sash width dimension	≤1000mm
Door sash height dimension	≤2600mm

Main Material and Surface Finish

Main Material: Main body-- and high-quality carbon steel
Decorative cover--SS304

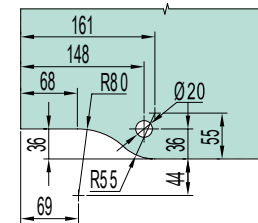
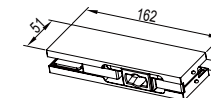
Surface Finish: Satin / Mirror

Installation Diagram

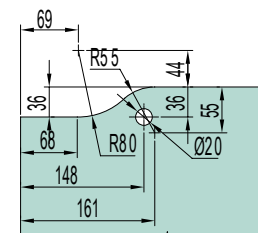
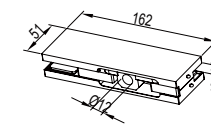


- A: Bottom Patch B: Upper Patch
C: Top Patch D: Bending Patch
E: Peaking Shaft F: Top Pivot Seat
G: Handle H: Glass Door Lock

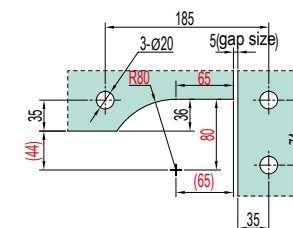
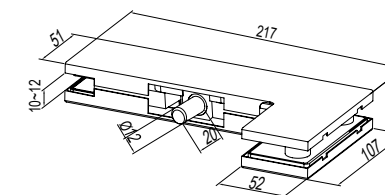
KMJ11210-HW Bottom Patch



KMJ11220-HW Upper Patch



KMJ11240-HW Bending Patch



When choosing, pay attention to the opening of the Bending patch

Patch Series 100Kg

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 floor hinge and lower shaft

KMJ1121D: Factory standard angle is 14° by default

The supporting bending patch is KMJ1124D

Technical Parameters

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

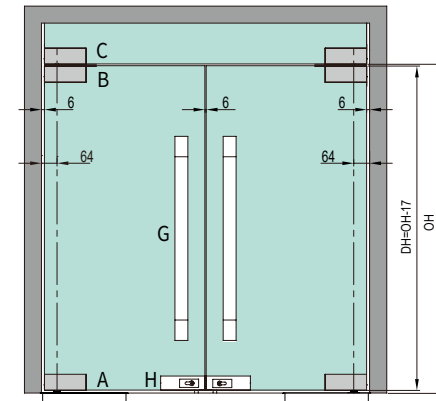
Main Material and Surface Finish

Main Material: Main body-- high-quality carbon steel

Decorative cover--SS304

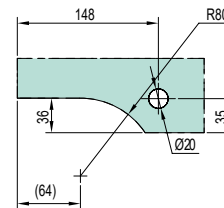
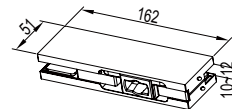
Surface Finish: Mirror or Satin

Installation Diagram



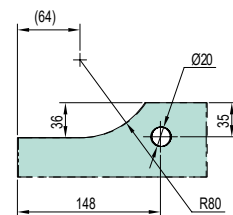
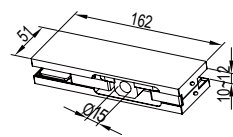
A: Bottom Patch B: Upper Patch C: Top Patch
G: Handle H: Glass Door Lock

KMJ1121D Bottom Patch

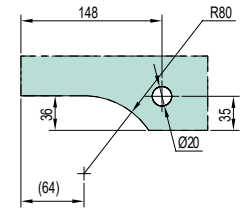
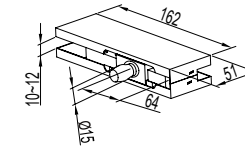


Note: Used with DORMA ground spring

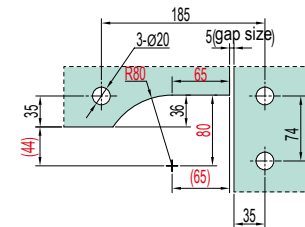
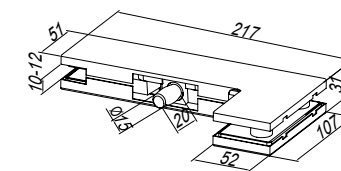
KMJ1122D Upper Patch



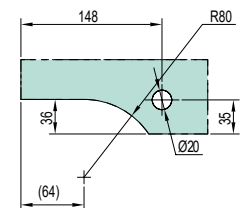
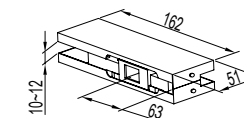
KMJ1123D Top Patch



KMJ1124D Bending Patch



KMJ1121E Bottom Patch



Main Material:
Main body--high- quality carbon steel
Decorative cover--SS304

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

Technical Parameters

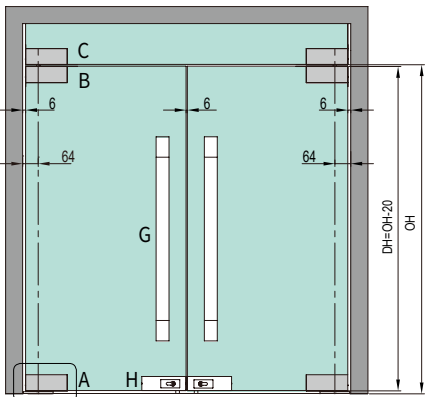
Maximum Bearing	100kg
Glass Thickness	10-15mm
Door sash width dimension	≤900mm
Door sash height dimension	≤2600mm

Main Material and Surface Finish

Main Material: Main body-- High strength die-casting aluminum alloy and high-quality carbon steel
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 (10~15)】



Used with concealed floor hinge (See P11)

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

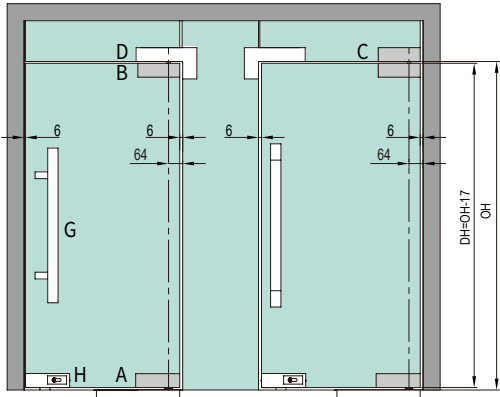
Technical Parameters

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

Main Material and Surface Finish

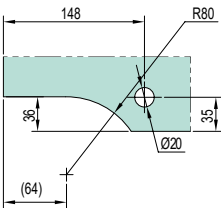
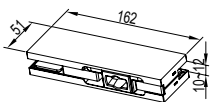
Main Material: Main body-- High strength die-casting aluminum alloy and high-quality carbon steel
Decorative cover--SS304
Surface Finish: Satin / Mirror

Installation Diagram

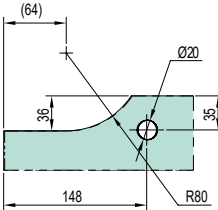
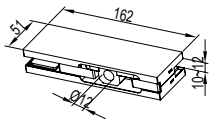


A: Bottom Patch B: Upper Patch C: Top Patch
D: Bending Patch G: Handle H: Glass Door Lock

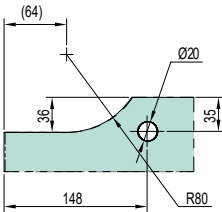
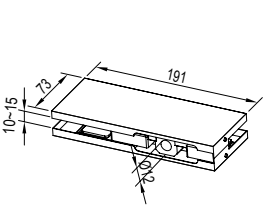
KMJ11210 Bottom Patch



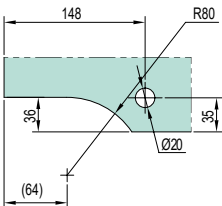
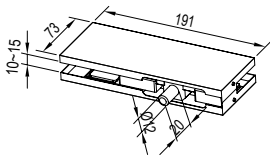
KMJ11220 Upper Patch



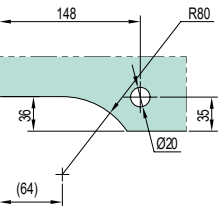
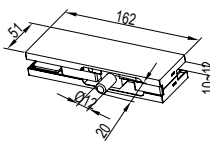
KMJ4432A Upper Patch



KMJ4433A Top Patch



KMJ11230 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

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

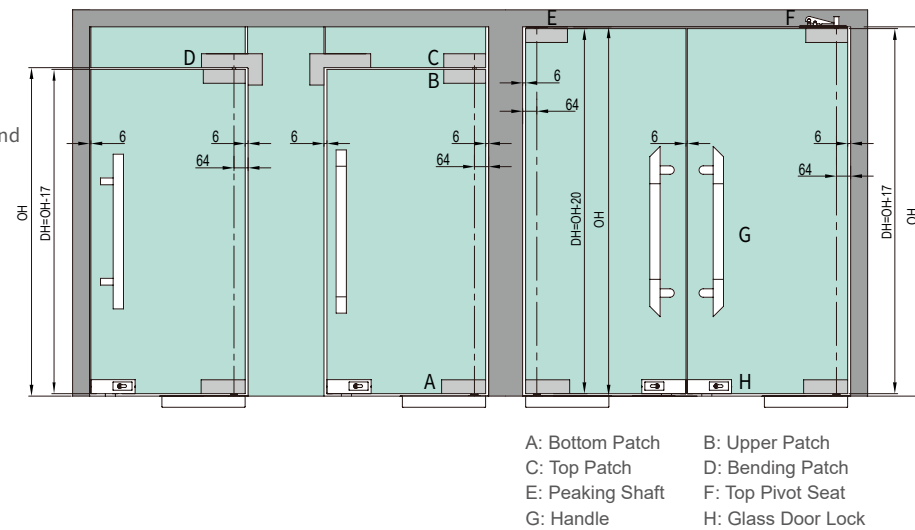
Main Material and Surface Finish

Main Material: Main body-- High strength die-casting aluminum alloy

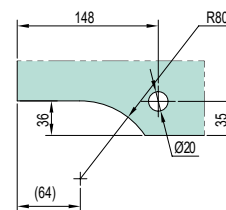
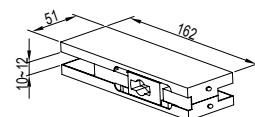
Decorative cover--SS304

Surface Finish: Satin / Mirror

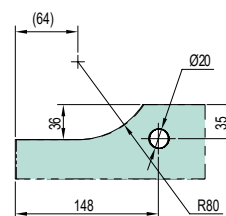
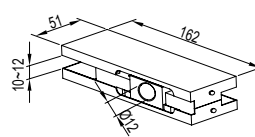
Installation Diagram



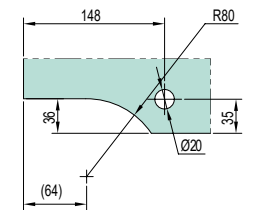
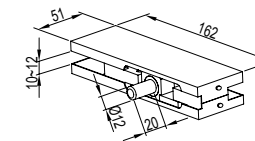
KMJ11310 Bottom Patch



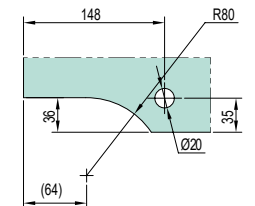
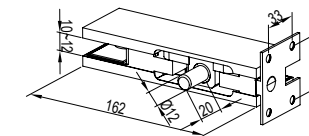
KMJ11320 Upper Patch



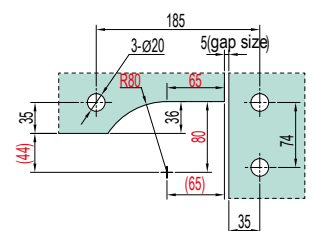
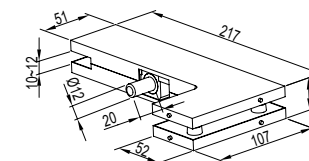
KMJ11330 Top Patch



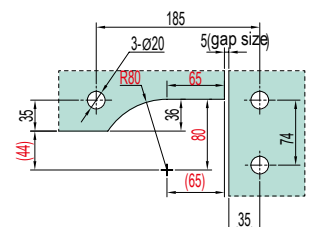
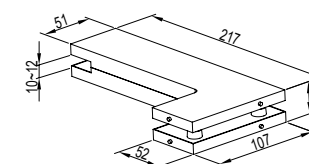
KMJ1133A Top Patch



KMJ11340 Bending Patch

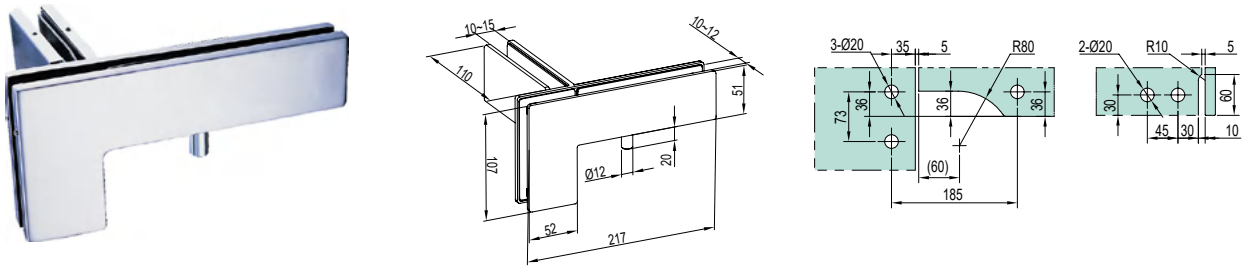


KMJ1134A Bending Patch



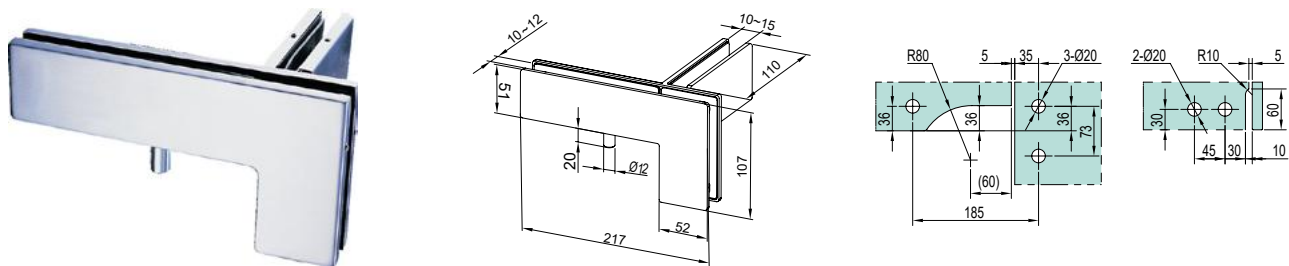
Patch Series 100Kg

KMJ1136LF-shape Patch



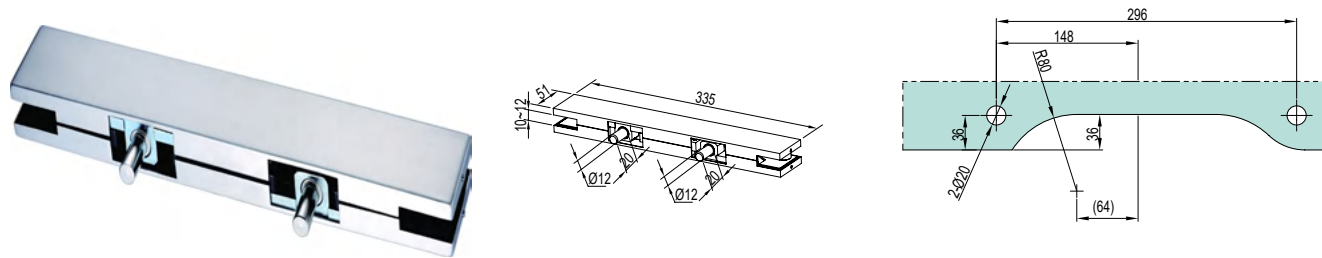
Note: The facade glass thickness is 10~12mm and the fin glass thickness is 10~15mm.

KMJ1136R F-shape Patch

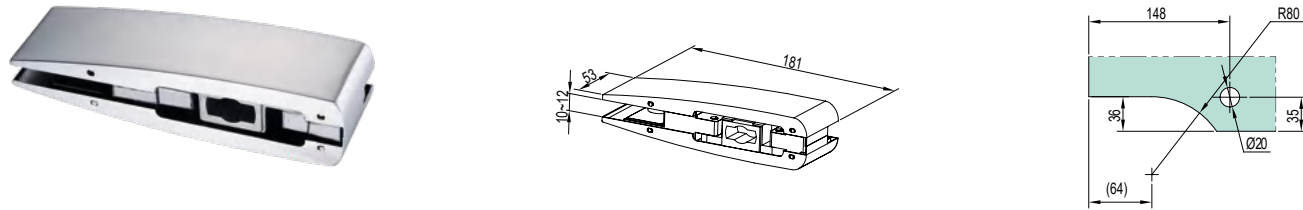


Note: The facade glass thickness is 10~12mm and the fin glass thickness is 10~15mm.

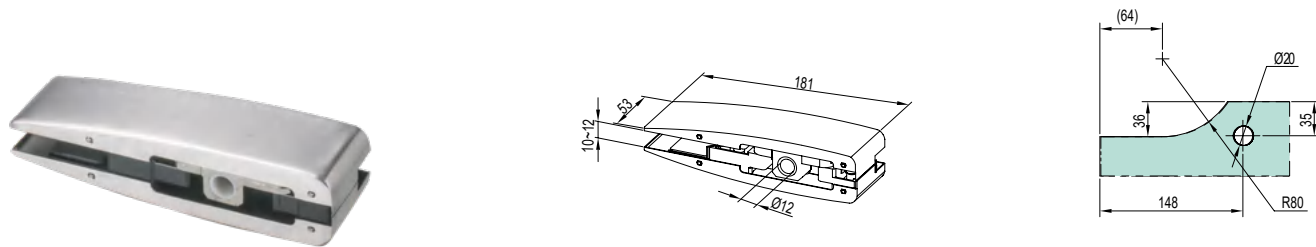
KMJ11380 Linear-shape patch fitting



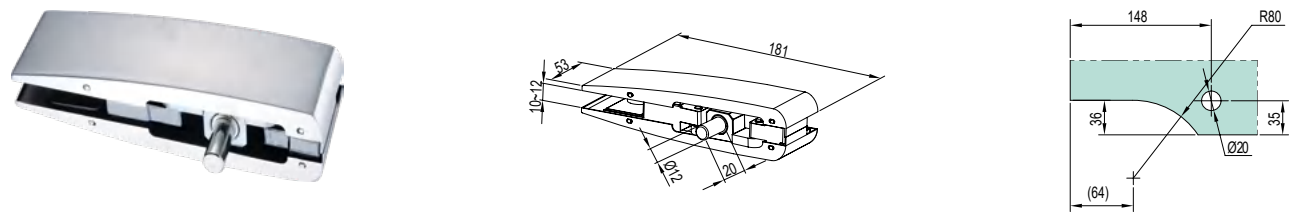
KMJ12310 Bottom Patch



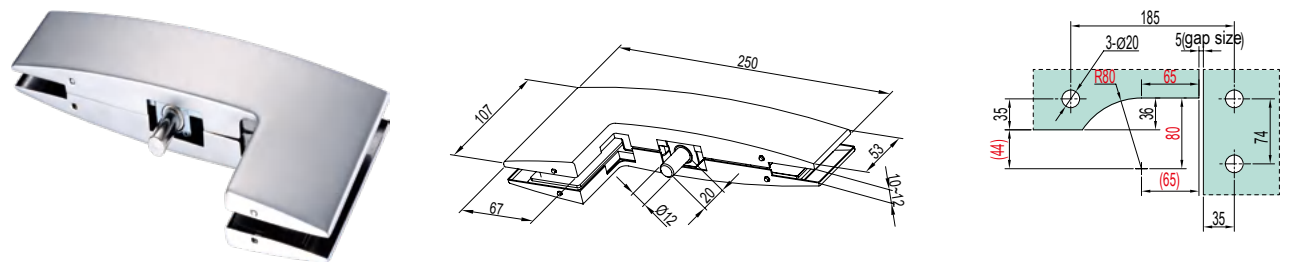
KMJ12320 Upper Patch



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

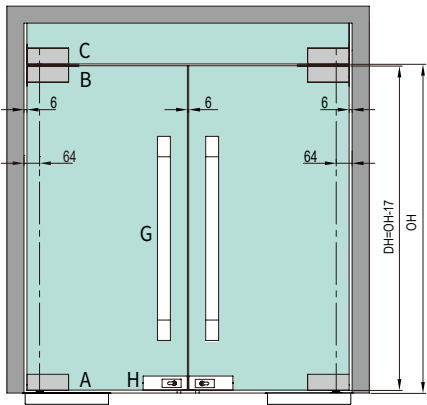
Technical Parameters

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

Main Material and Surface Finish

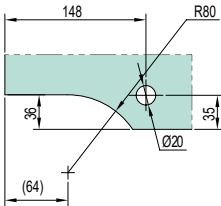
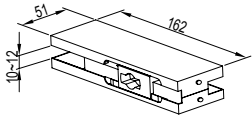
- Main Material: Main body-- High strength die-casting aluminum alloy and high-quality carbon steel
- Decorative cover--SS304
- Surface Finish: Satin / Mirror

Installation Diagram

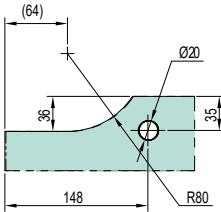
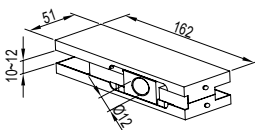


A: Bottom Patch B: Upper Patch C: Top Patch
G: Handle H: Glass Door Lock

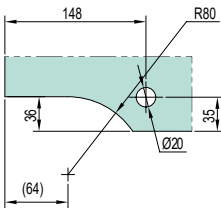
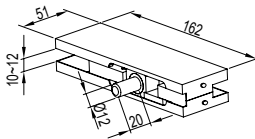
KMJ11410 Bottom Patch



KMJ11420 Upper Patch



KMJ11430 Top Patch



Patch Series 150Kg

Functional Characteristic

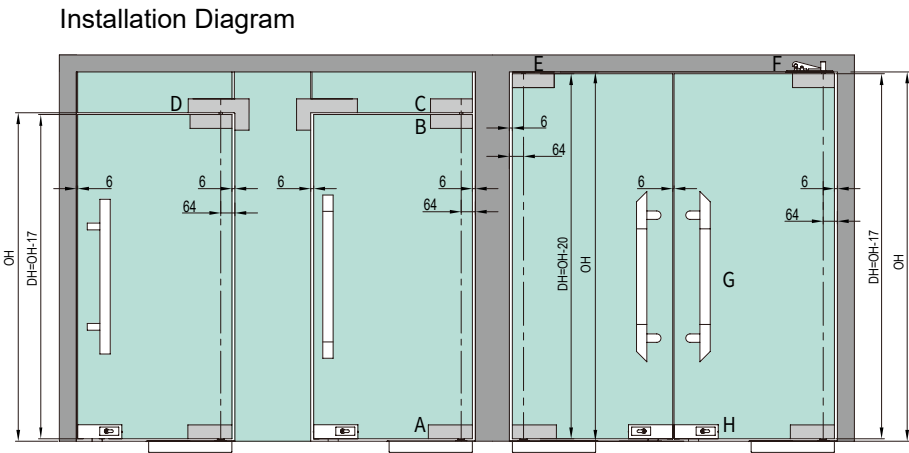
It's suitable for casement glass door
The decorative cover is fixed by inner hexagon screws
Both left and right doors can be used, no distinguish between left and right doors
The bottom patch cooperates with floor hinge and lower shaft
Factory standard angle is 14° by default

Technical Parameters

Maximum Bearing	150kg
Glass Thickness	12、15mm
Door sash width dimension	≤1100mm
Door sash height dimension	≤2800mm

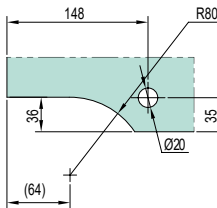
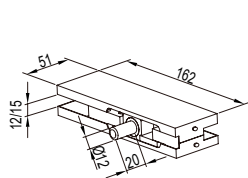
Main Material and Surface Finish

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

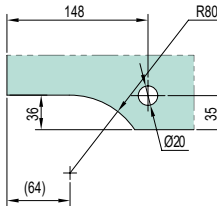
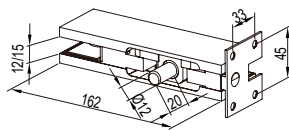


- A: Bottom Patch
- B: Upper Patch
- C: Top Patch
- D: Bending Patch
- E: Peaking Shaft
- F: Top Pivot Seat
- G: Handle
- H: Glass Door Lock

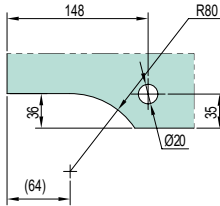
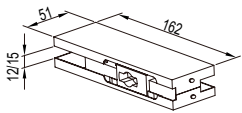
KMJ11530 Top Patch



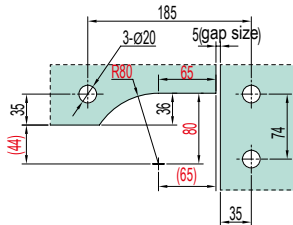
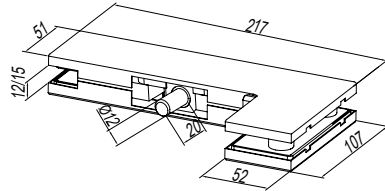
KMJ1153A Top Patch



KMJ11510 Bottom Patch

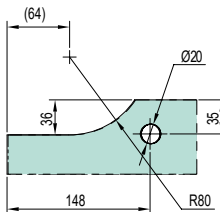
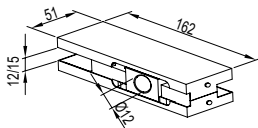


KMJ1154C Bending Patch

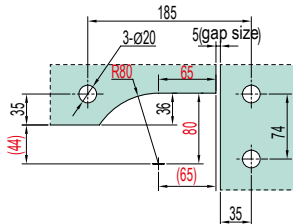
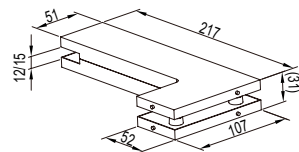


When choosing, pay attention to the opening of the Bending patch

KMJ11520 Upper Patch



KMJ1154A Bending 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

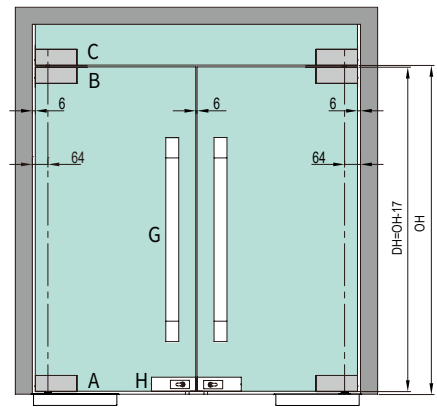
Technical Parameters

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

Main Material and Surface Finish

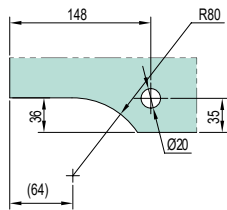
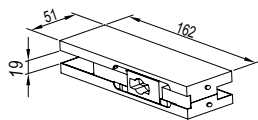
Main Material: Main body-- High strength die-casting aluminum alloy
and high-quality carbon steel
Decorative cover--SS304
Surface Finish: Satin / Mirror

Installation Diagram

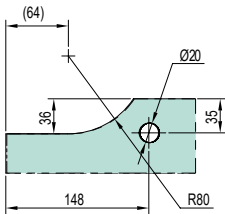
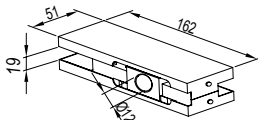


A: Bottom Patch B: Upper Patch C: Top Patch
G: Handle H: Glass Door Lock

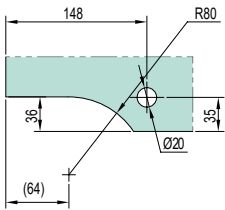
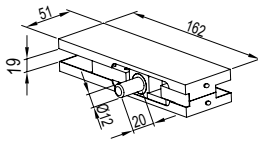
KMJ1151B Bottom Patch



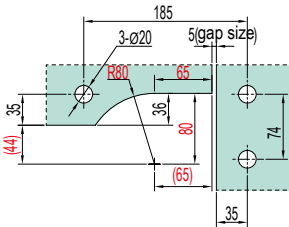
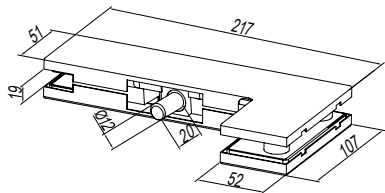
KMJ1152B Upper Patch



KMJ1153B Top Patch



KMJ1154B Bending patch



When choosing, pay attention to the opening of the 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

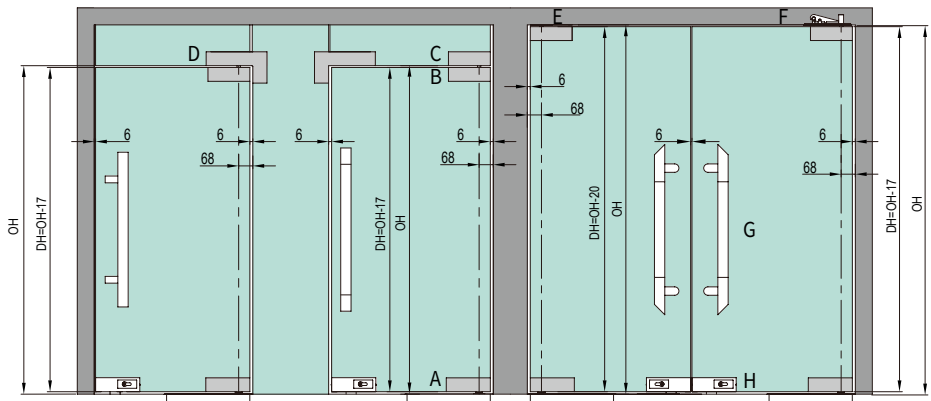
Technical Parameters

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

Main Material and Surface Finish

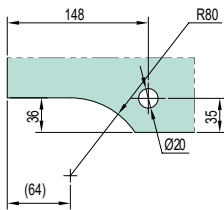
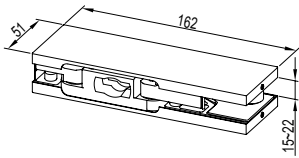
Main Material: Main body-- Precision Casting Stainless Steel
Decorative cover--SS304
Surface Finish: Satin / Mirror

Installation Diagram

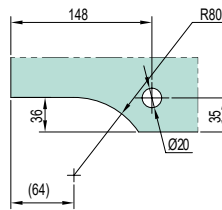
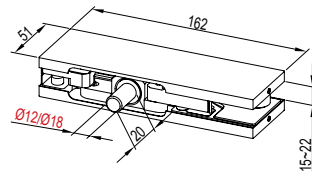


- A: Bottom Patch
B: Upper Patch
C: Top Patch
D: Bending Patch
E: Peaking Shaft
F: Top Pivot Seat
G: Handle
H: Glass Door Lock

KMJ11710 Bottom Patch

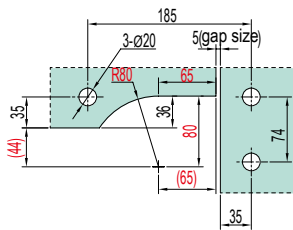
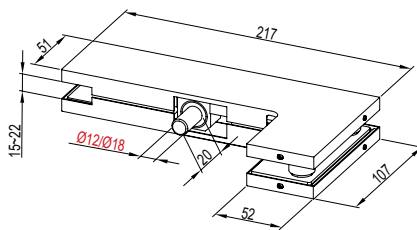


KMJ11730 Top Patch



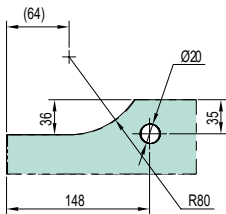
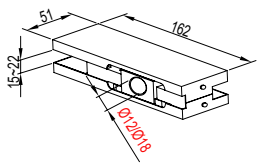
Note: Pay attention to the specifications of the matching shaft diameter when selecting

KMJ11740 Bending patch

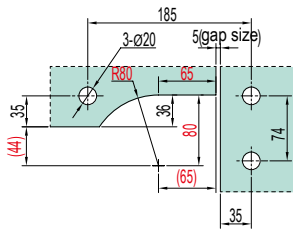
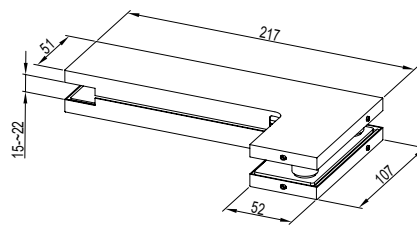


Note: Pay attention to the specifications of the matching shaft diameter when selecting

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

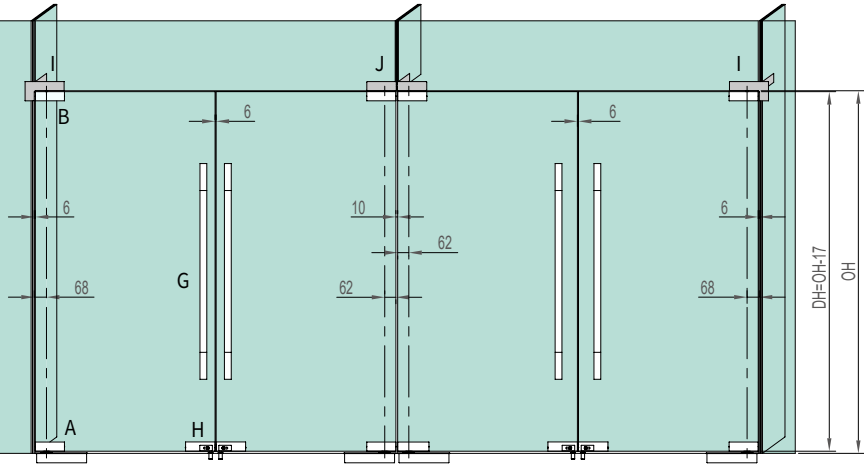
Technical Parameters

Glass Thickness	KMJ11850	Glass panel 15-22mm、glass fin 15-25mm
	KMJ1186L/KMJ1186R	Glass panel 15-22mm、glass fin15-20mm
Door sash width dimension	≤1200mm	
Door sash height dimension	≤3000mm	

Main Material and Surface Finish

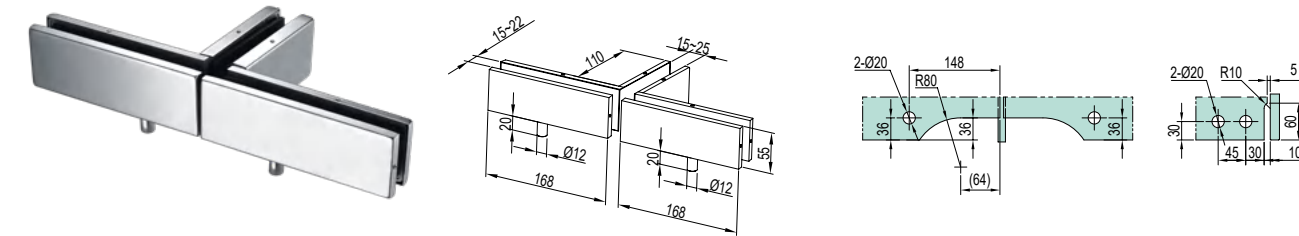
- Main Material: Main body-- Precision Casting Stainless Steel
- Surface Finish: Satin / Mirror

Installation Diagram



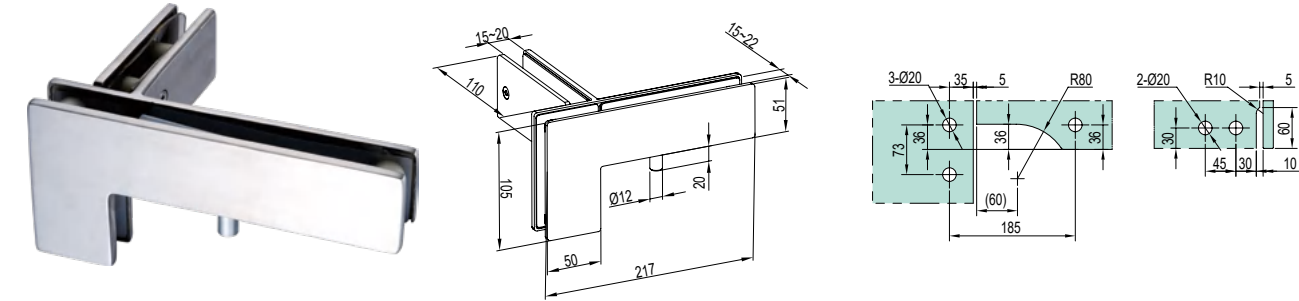
- A: Bottom Patch
H: Glass Door Lock
B: Upper Patch
I: F-shape Patch (L) / (R)
G: Handle
J: T-shape Patch

KMJ11850 T-shape Patch



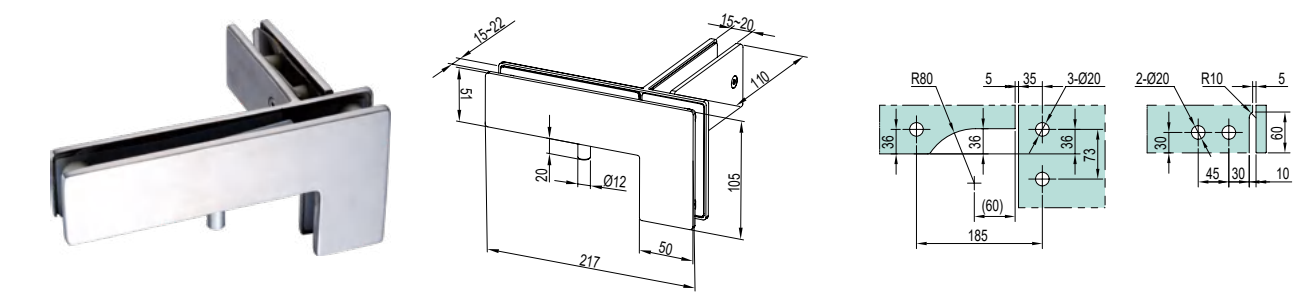
Note: The facade glass thickness is 15~22mm and the fin glass thickness is 15~25mm.

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 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

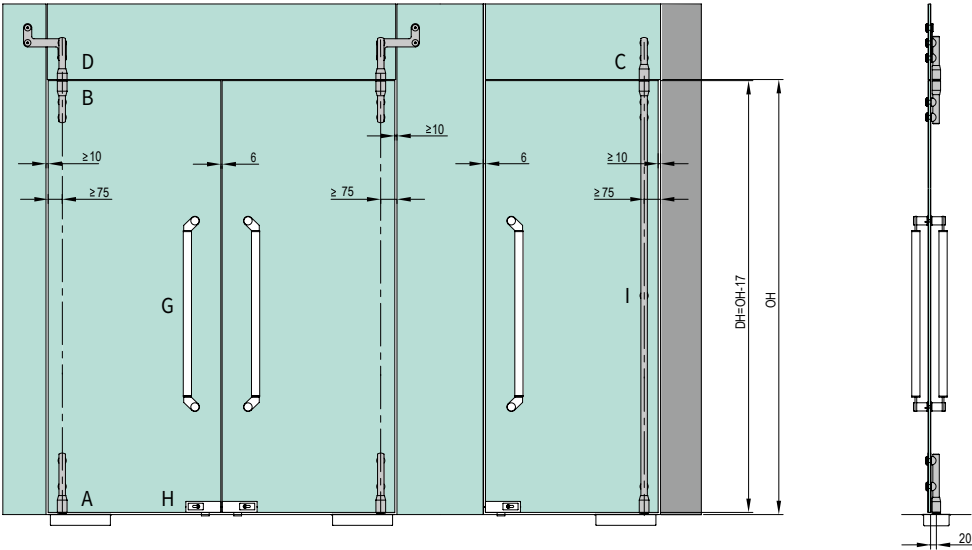
Main Material and Surface Finish

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

Technical Parameters

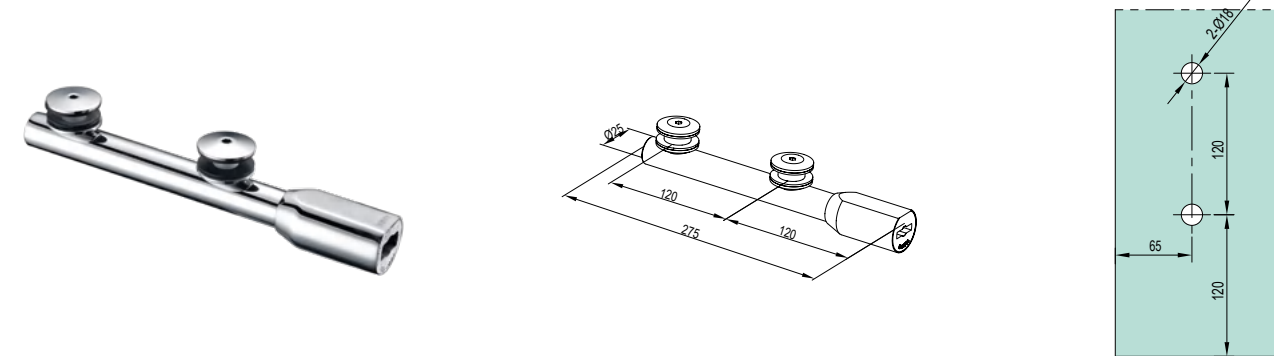
Maximum Bearing	130kg
Glass Thickness	10-15mm
Door sash width dimension	≤1100mm
Door sash height dimension	≤2800mm

Installation Diagram

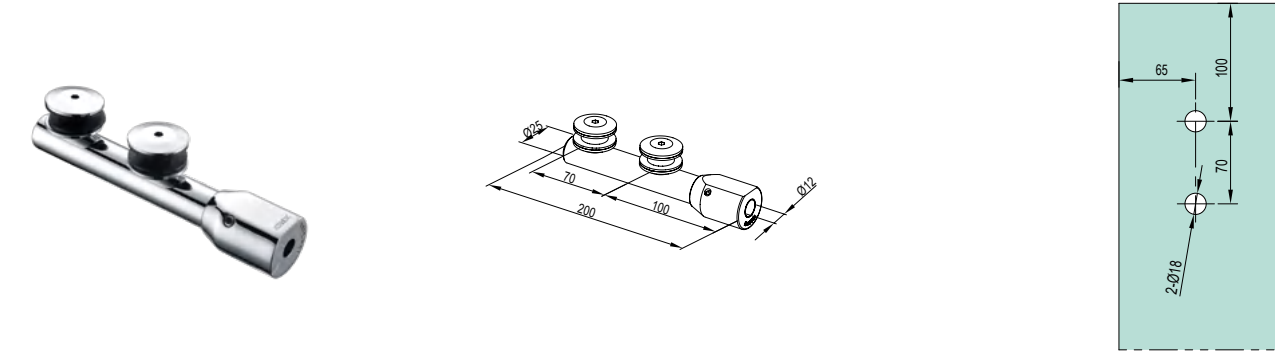


- A: Bottom Bracket
- B: Upper Bracket
- C: Top Bracket
- D: Bending Bracket
- G: Handle
- H: Glass Door Lock
- I: Long Bracket

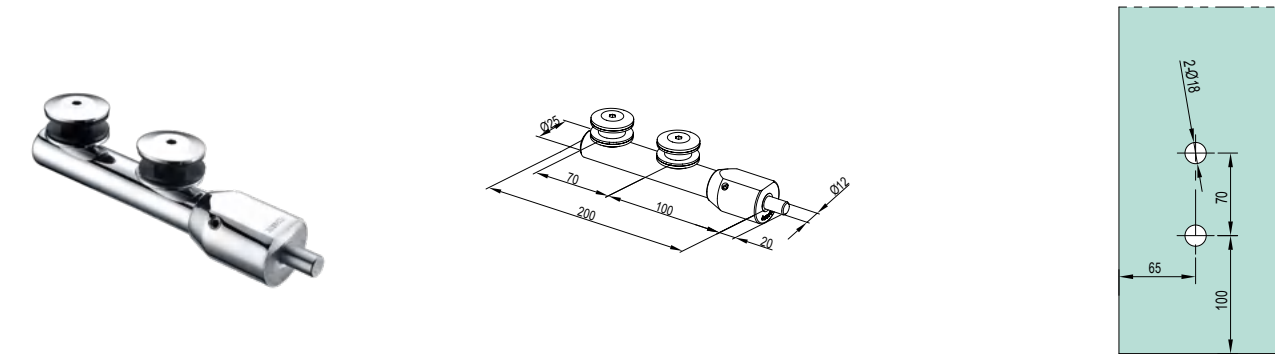
KMJ35410 Bottom Bracket



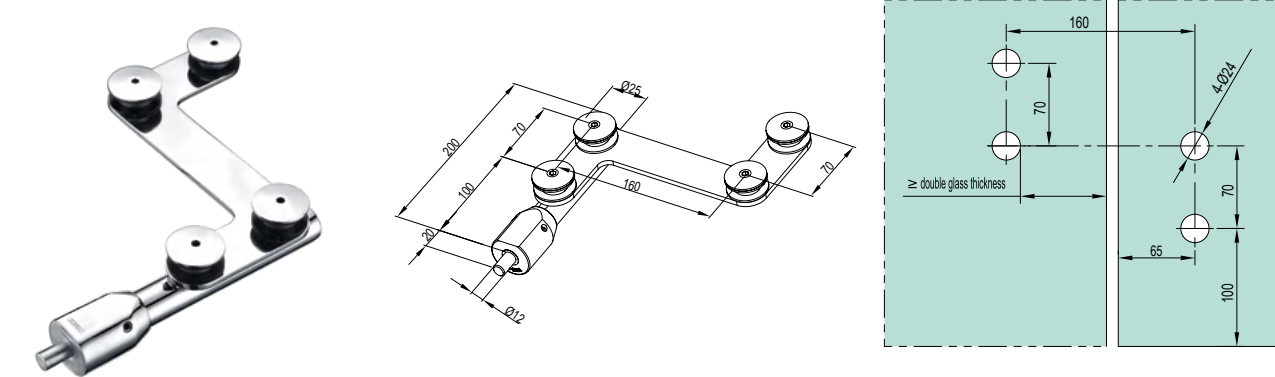
KMJ35420 Upper Bracket



KMJ35430 Top Bracket



KMJ35440 Bending Bracket



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

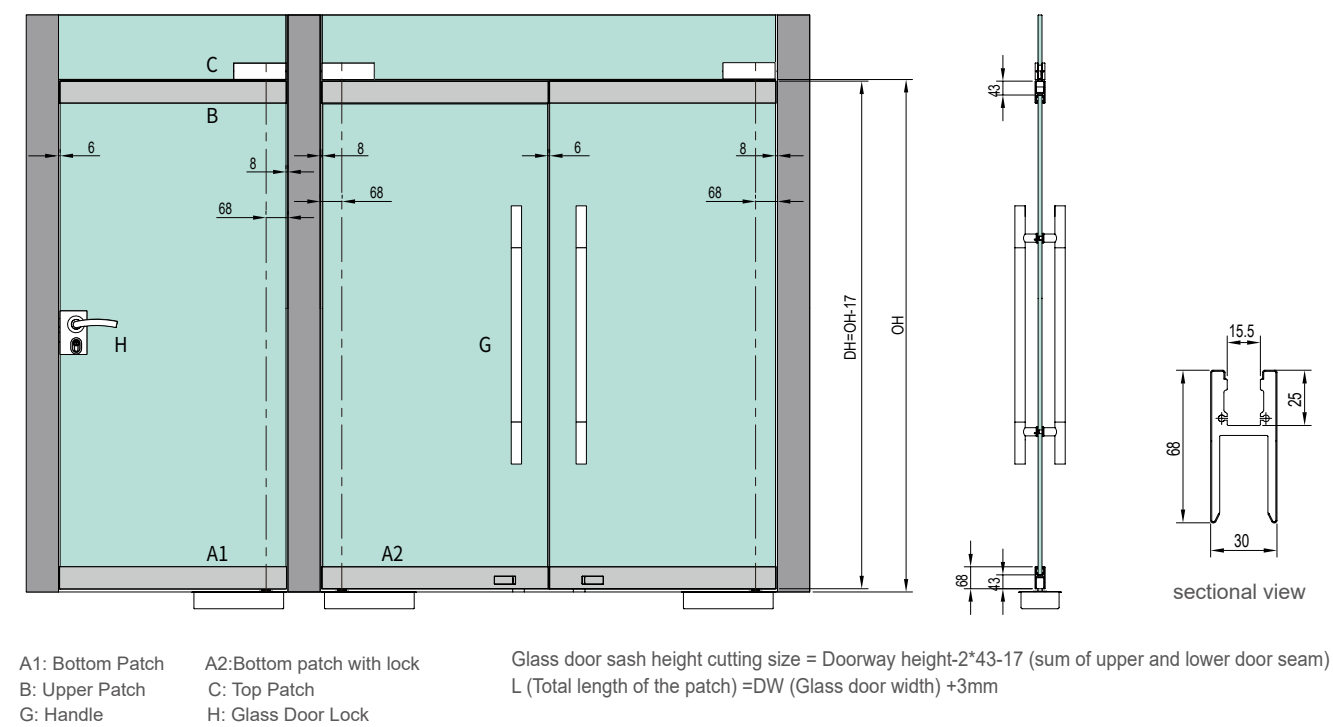
Technical Parameters

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



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

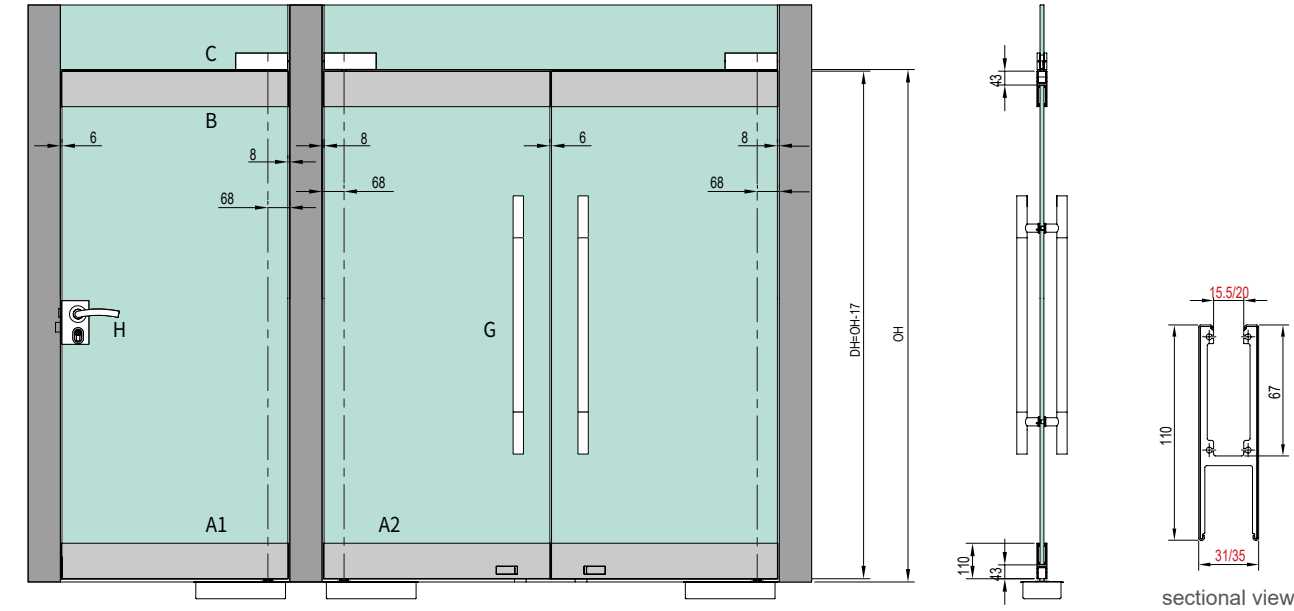
Technical Parameters

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

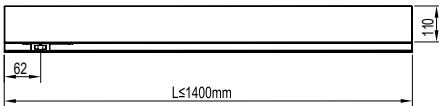
Installation Diagram



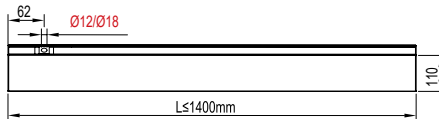
A1: Bottom Patch
A2: Bottom patch with lock
B: Upper Patch
C: Top Patch
G: Handle
H: Glass Door Lock

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

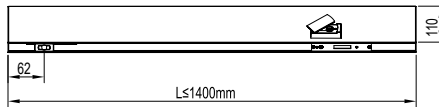
KMJ21710 Bottom Patch



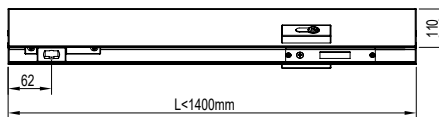
KMJ21720 Upper Patch



KMJ21700 Bottom patch with lock



KMJ2170A Bottom patch with lock



Fixed Patch Fitting 40Kg

Functional Characteristic

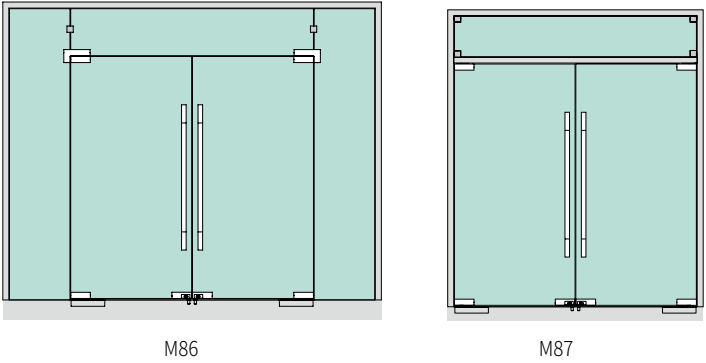
Use for the fixed glass
Both left and right doors can be used, no distinguish between left and right doors

Technical Parameters

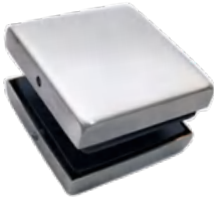
Maximum Bearing	40kg
Glass Thickness	10-12mm
Door sash width dimension	≤600mm
Door sash height dimension	≤1800mm

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

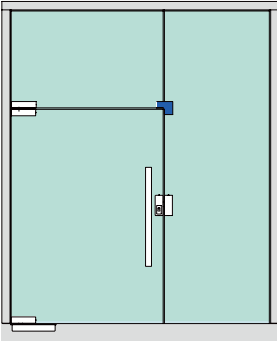
It's suitable for casement glass door
Decorative cover adopts inner hexagon screws
Both left and right doors can be used, no distinguish between left and right doors

Technical Parameters

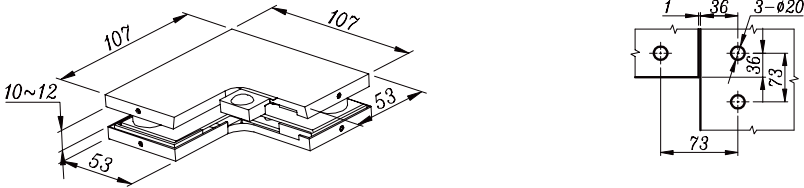
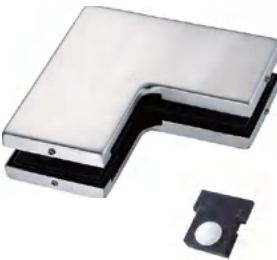
Maximum Bearing	50kg
Glass Thickness	10-12mm
Door sash width dimension	≤600mm
Door sash height dimension	≤2200mm

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

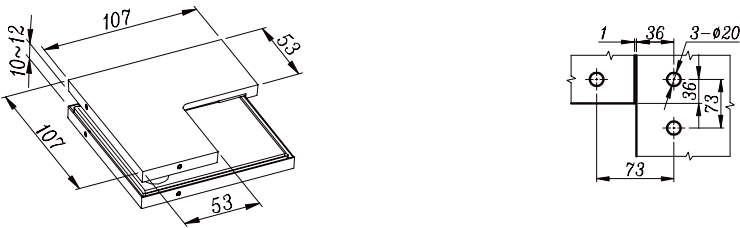


M70 Fixed Patch Fitting



- 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

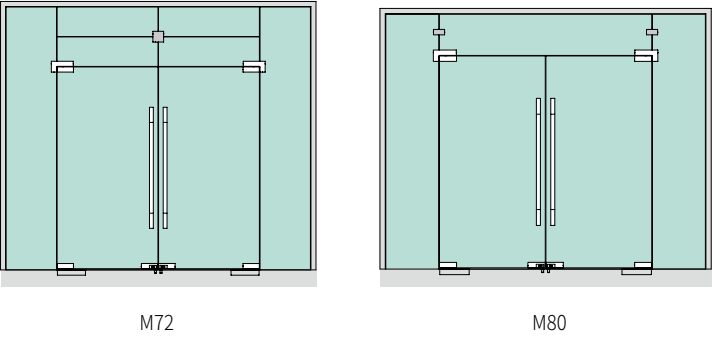
Use for the fixed glass
Both left and right doors can be used, no distinguish between left and right doors

Technical Parameters

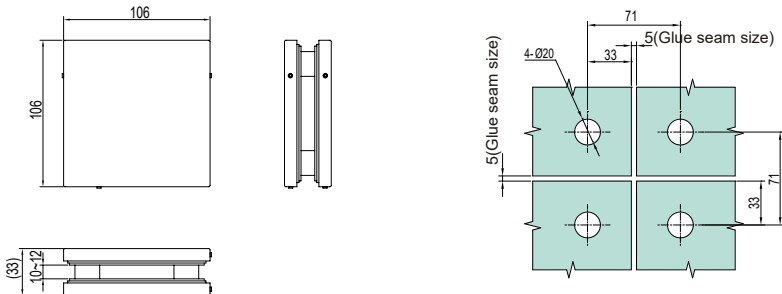
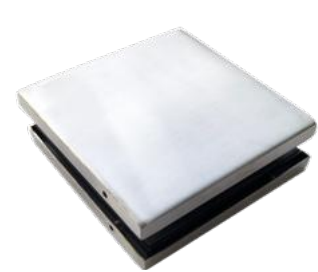
Maximum Bearing	50kg
Glass Thickness	10-12mm
Door sash width dimension	≤600mm
Door sash height dimension	≤2200mm

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



M72 Fixed Patch Fitting



- 1.It's suitable for casement glass door with fixed upper glass;
- 2.Decorative cover adopts inner hexagon screws;

- 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.

M80 Fixed Patch Fitting



- 1.It's suitable for casement glass door with fixed side and top glass;
- 2.Decorative cover adopts inner hexagon screws;

- 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.

Fixed Patch Fitting 50Kg

Functional Characteristic

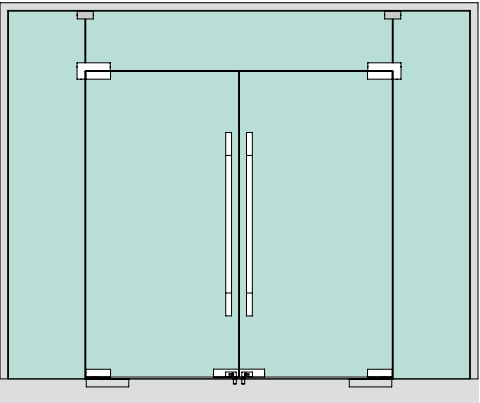
It's suitable for casement glass door, and the side and top glass are fixed with the wall
Decorative cover adopts inner hexagon screws
Both left and right doors can be used, no distinguish between left and right doors

Technical Parameters

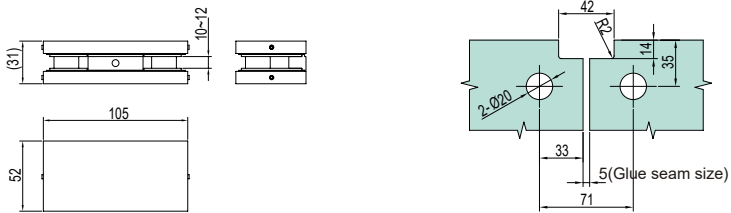
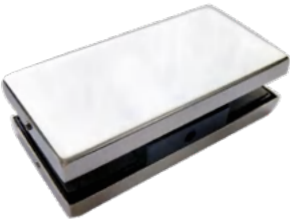
Maximum Bearing	50kg
Glass Thickness	10-12mm
Door sash width dimension	≤600mm
Door sash height dimension	≤2200mm

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

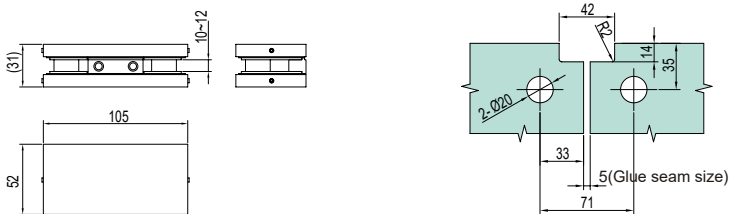


M81 Fixed Patch Fitting



- 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.

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

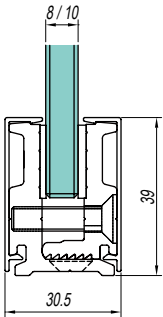
Main Material and Surface Finish

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

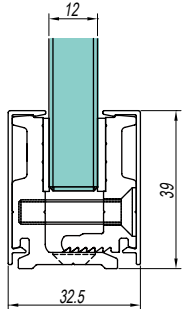
Technical Parameters

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

KFJ40110 Glass Clamp

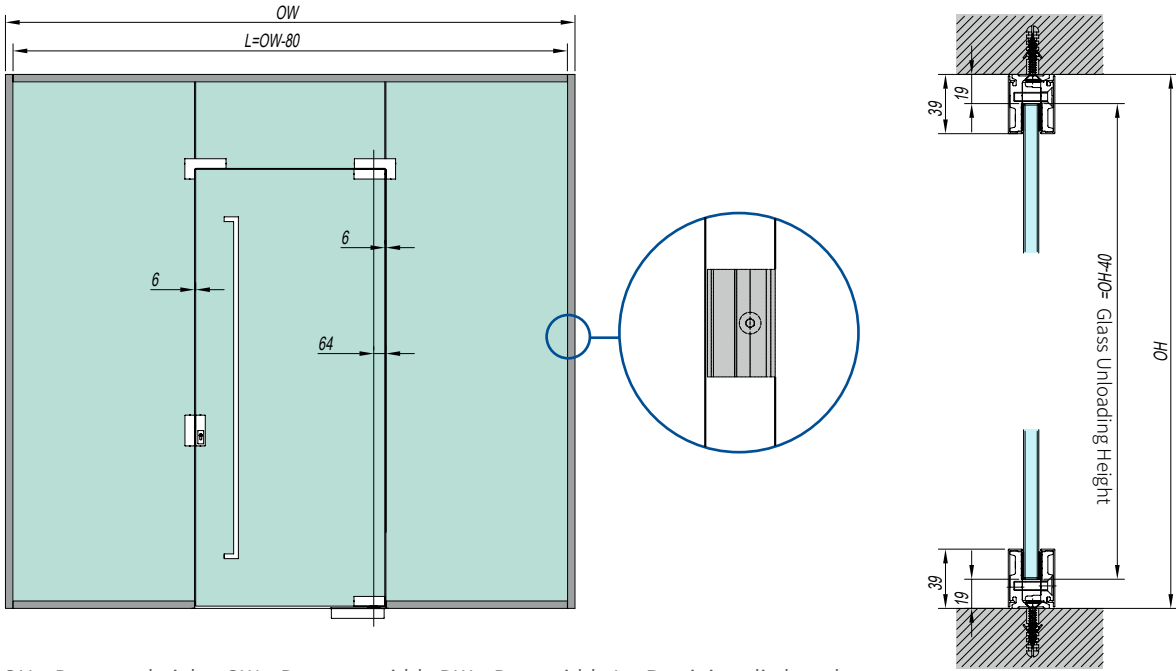


The Length of Screw is 25mm

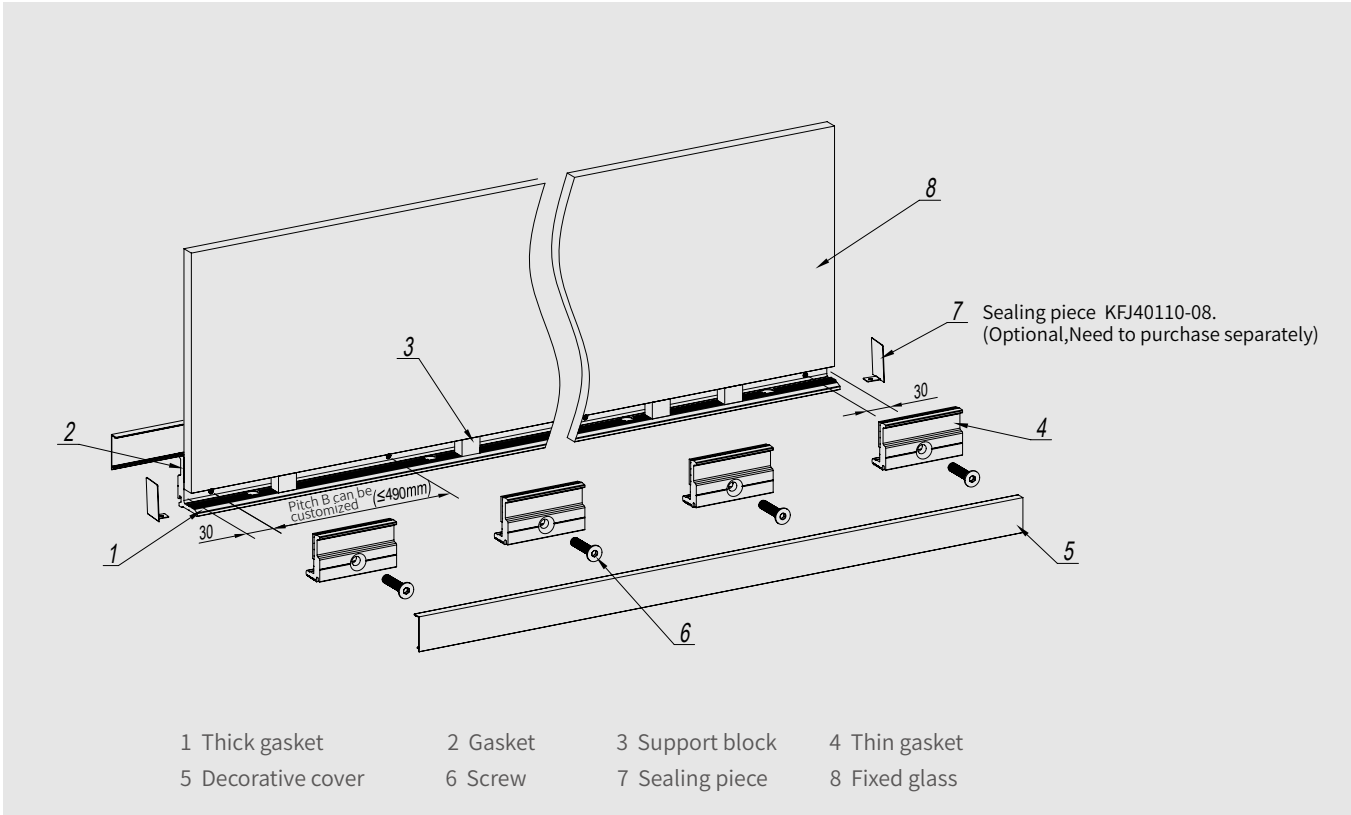


The Length of Screw is 28mm

Installation Diagram



OH: Doorway height OW: Doorway width DW: Door width L: Retaining clip length



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

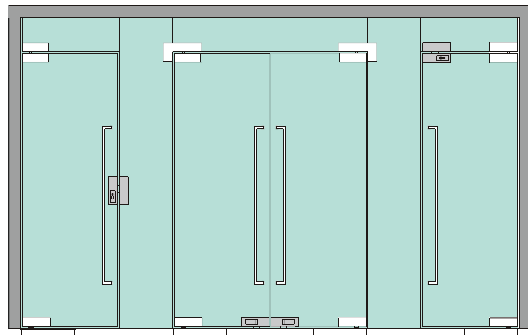
Technical Parameters

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

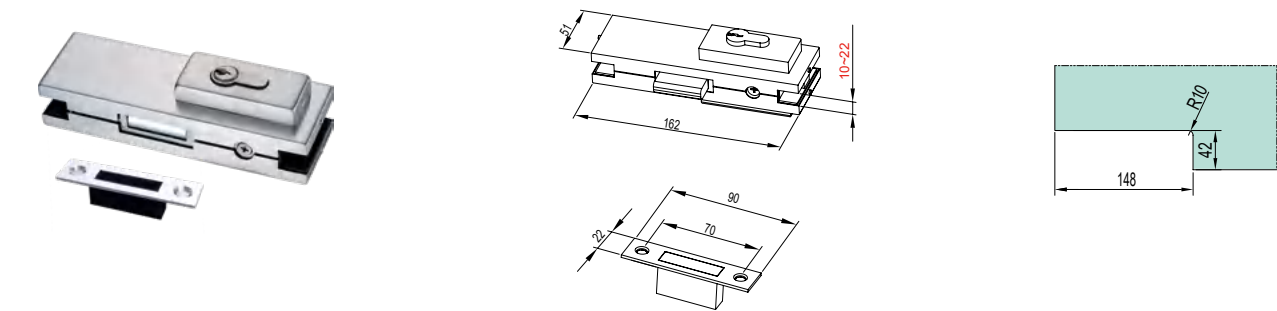
Main Material and Surface Finish

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

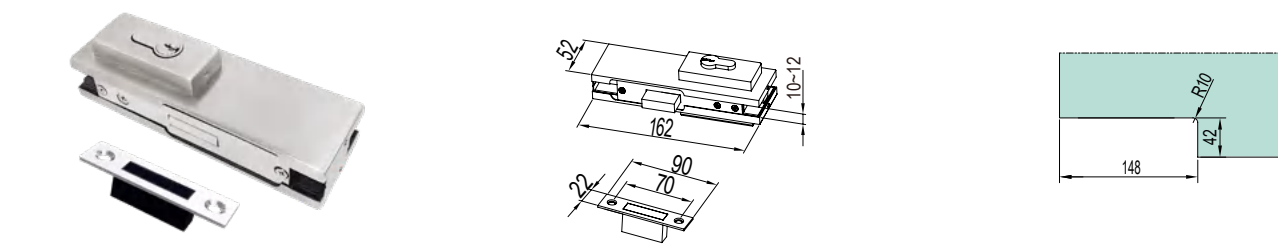
Installation Diagram



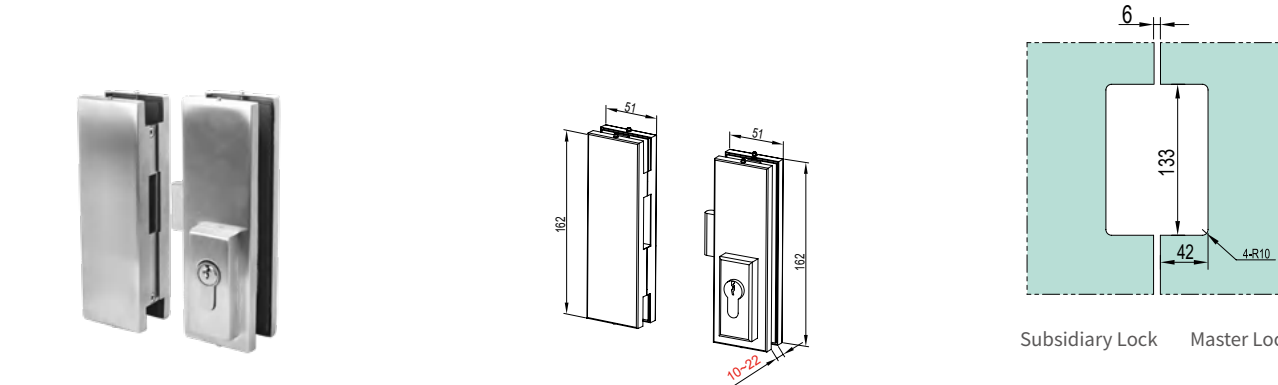
KMS11230 Glass Door Lock



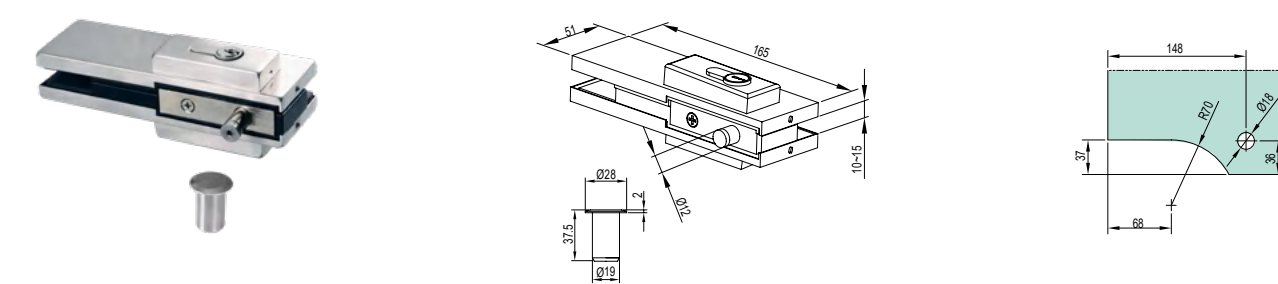
KMS11230-HW Glass Door Lock



KMS11240A Glass Door Lock



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.

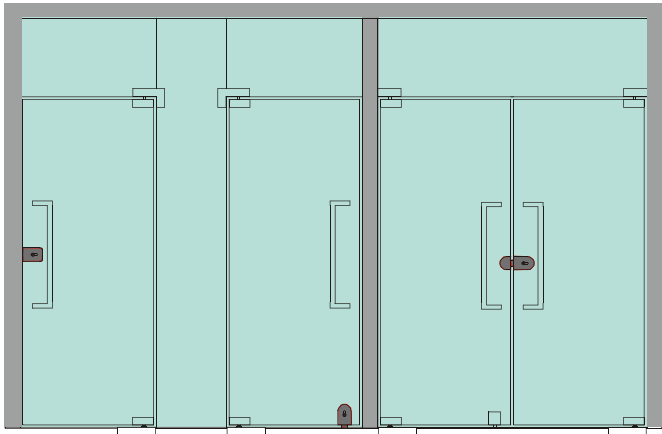
Technical Parameters

Glass Thickness: 10~19mm

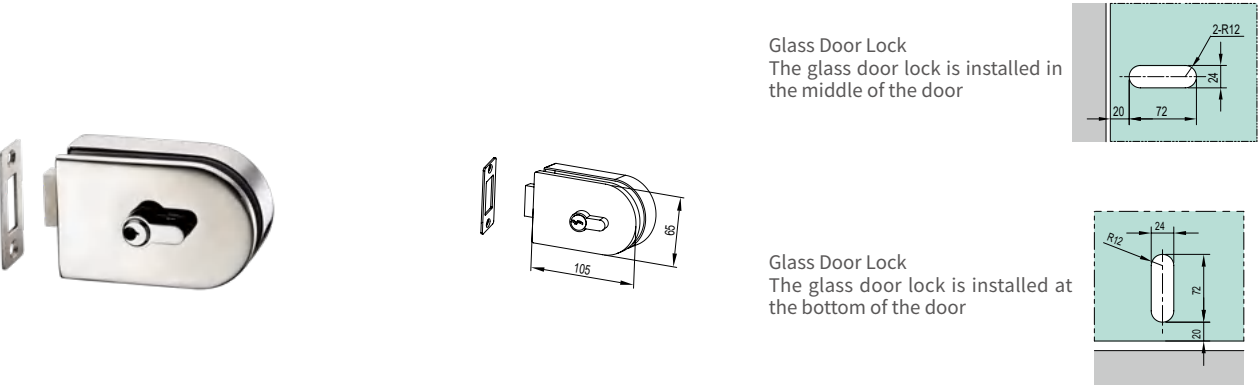
Main Material and Surface Finish

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

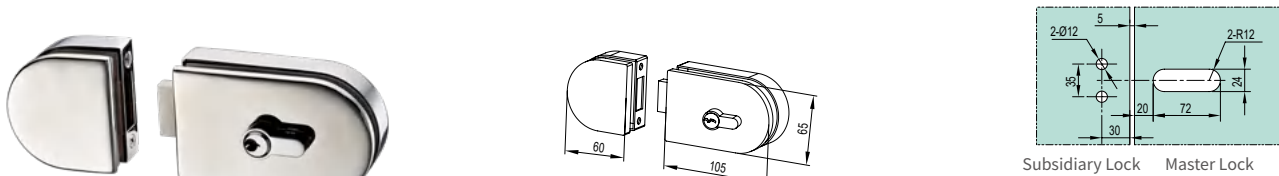
Installation Diagram



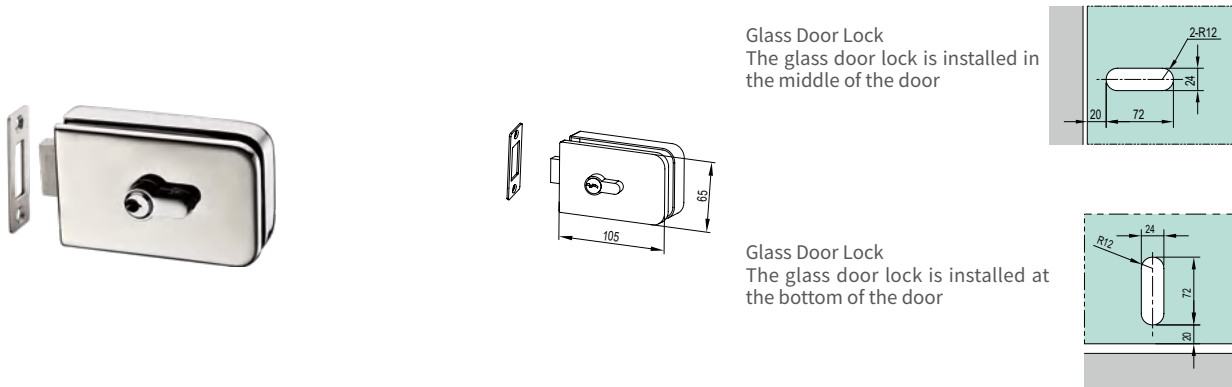
KMS21110 Glass Door Lock



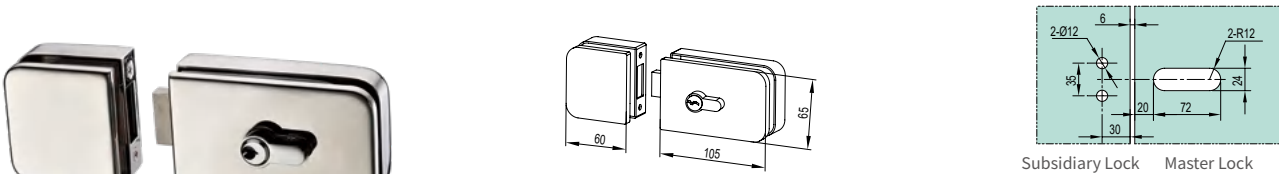
KMS21120 Glass Door Lock



KMS21130 Glass Door Lock



KMS21140 Glass Door 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.

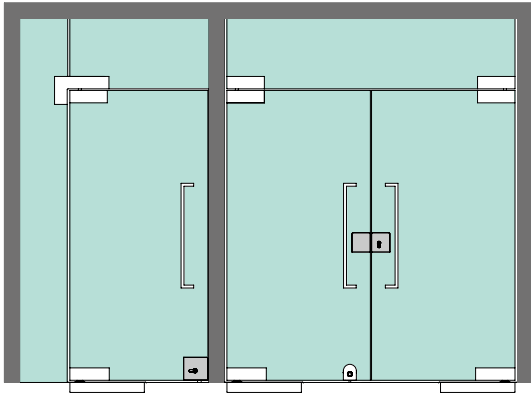
Technical Parameters

Glass Thickness: 10~12mm

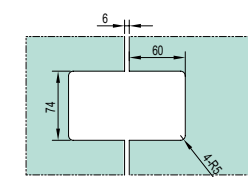
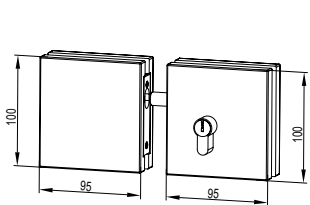
Main Material and Surface Finish

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

Installation Diagram

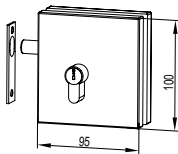


KMS21210 Glass Door Lock

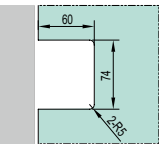


Subsidiary Lock Main Body

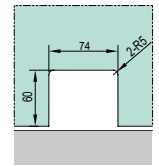
KMS21220 Glass Door Lock



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

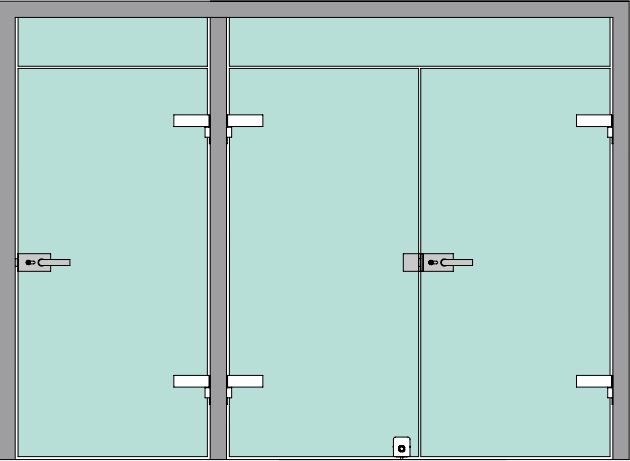
Technical Parameters

Glass Thickness: 10~12mm

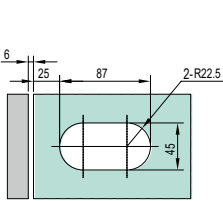
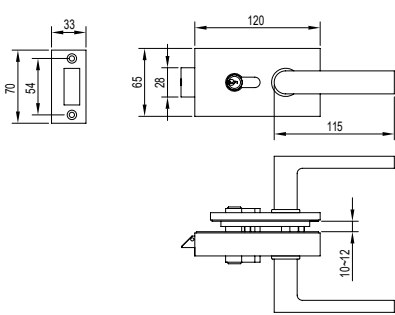
Main Material and Surface Finish

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

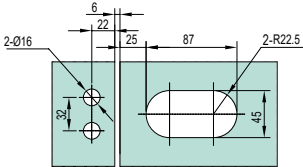
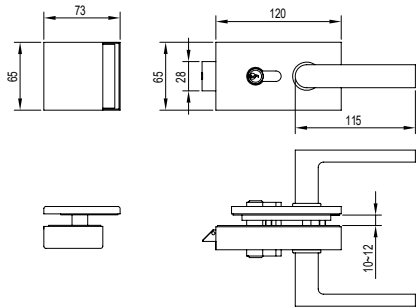
Installation Diagram



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

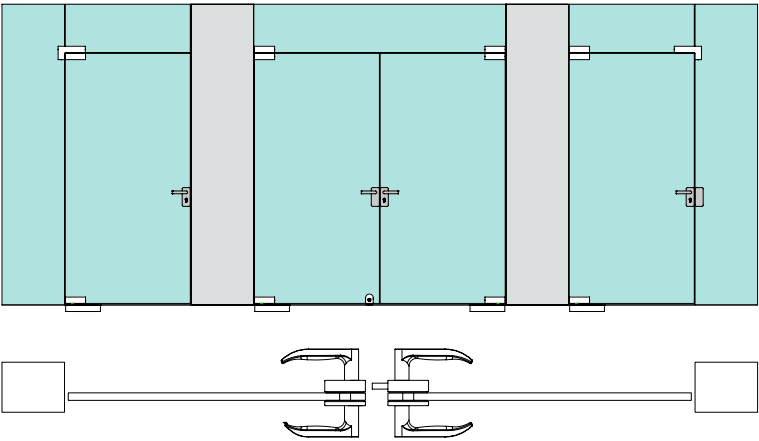
Glass Thickness 10~15mm

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



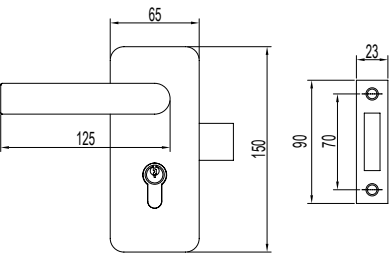
KMS1304L Glass Door Lock



KMS1304R Glass Door Lock



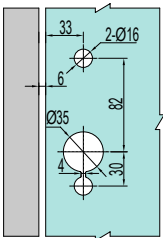
product drawing



Main Body

Lock Catch

glass hole opening

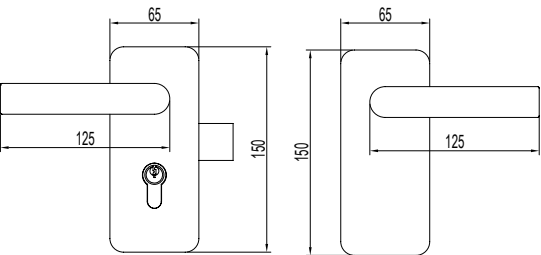


Main Body

KMS1306L Glass Door Lock

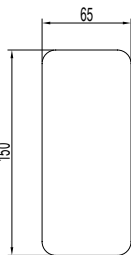


KMS1306R Glass Door Lock

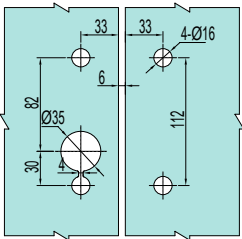


Main Body

Subsidiary Lock



Subsidiary Lock



Main Body

Subsidiary 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

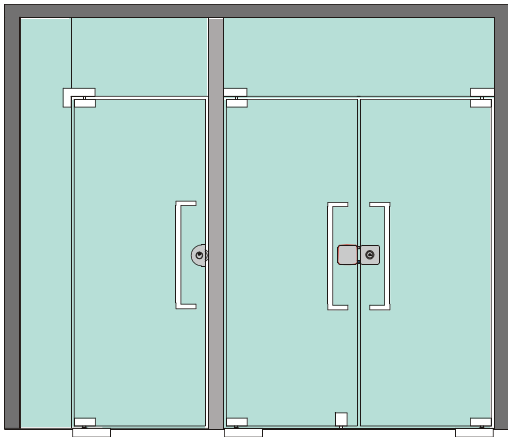
Technical Parameters

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

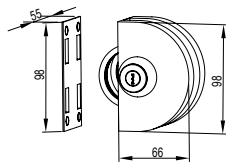
Main Material and Surface Finish

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

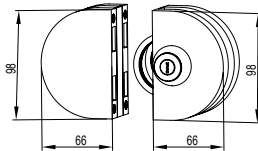
Installation Diagram



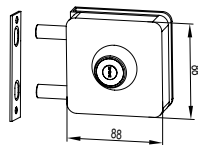
KMS41110 Glass Door Lock



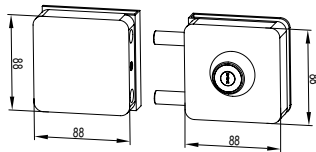
KMS41120 Glass Door Lock



KMS41310 Glass Door Lock

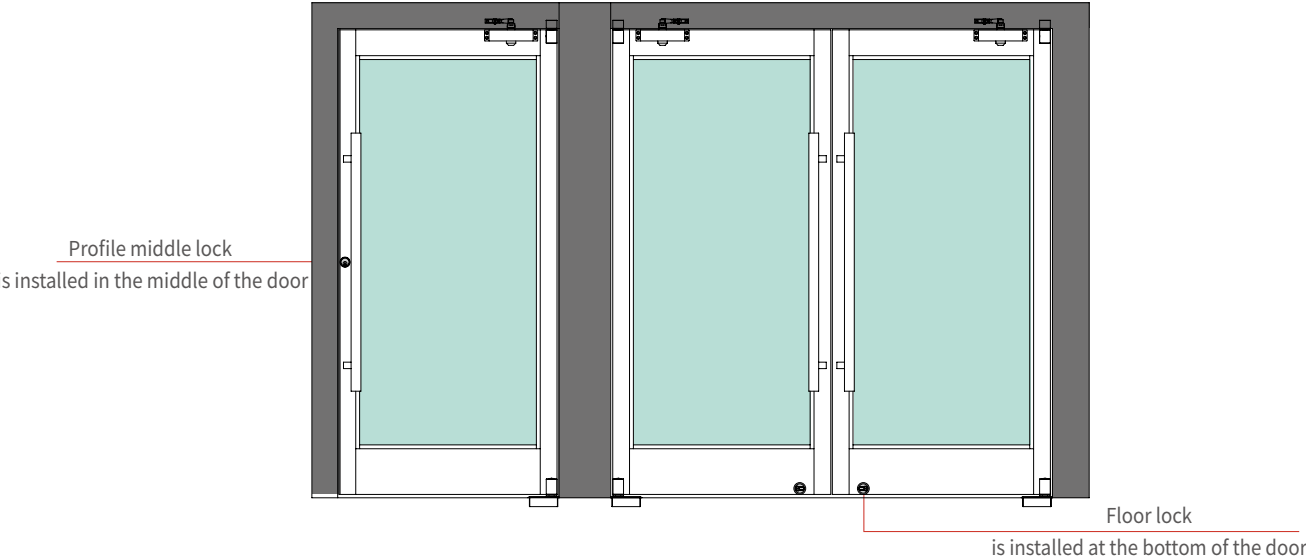


KMS41320 Glass Door Lock

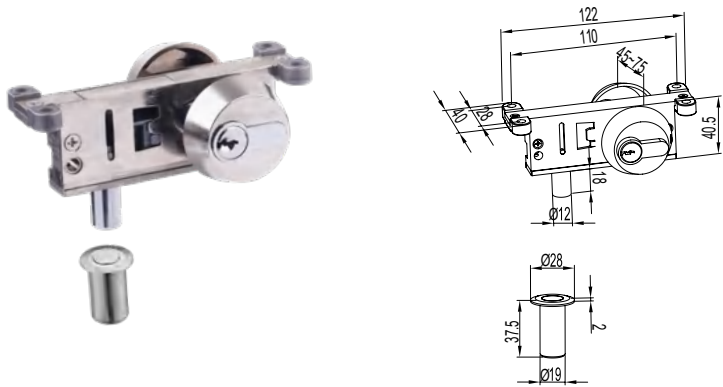


Profile Door Lock Series

Installation Diagram



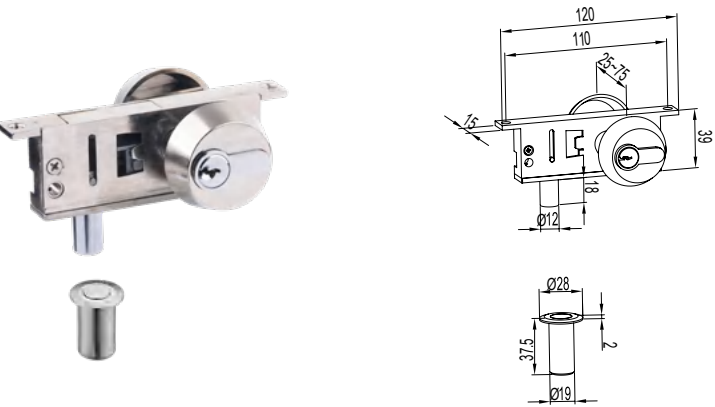
KMS61210 Insulated Profile Floor Lock



Technical Parameters

Applicable door sash thickness is 45~75mm
Applicable heat insulation profiles with heat insulation strip ≤18mm
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

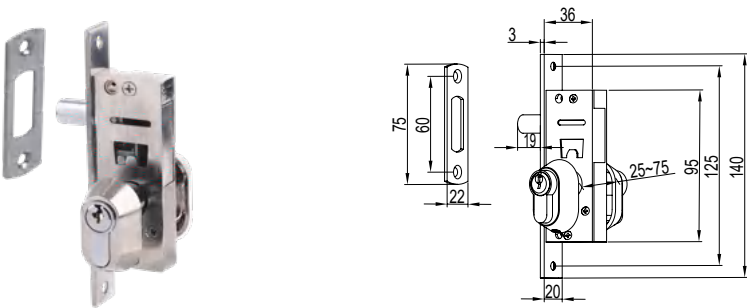
KMS51230 Floor lock



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

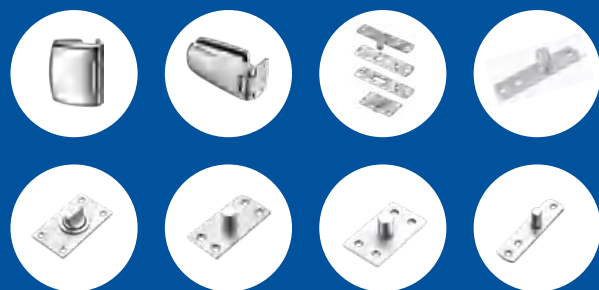


Technical Parameters

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



Door Hinge



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

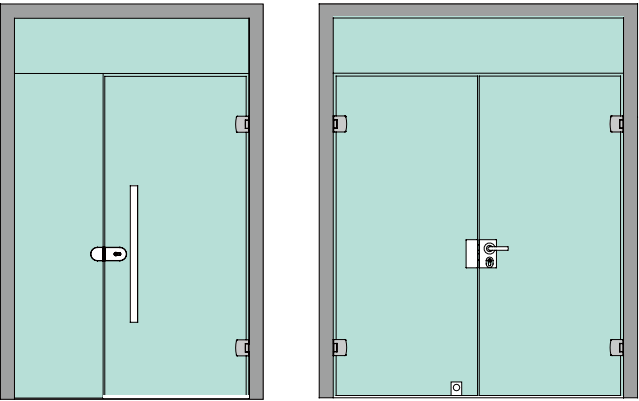
Technical Parameters

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

Main Material and Surface Finish

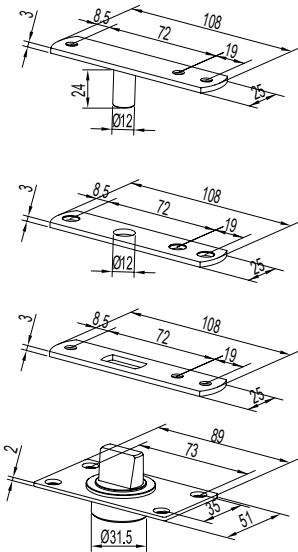
- Main Material: body of 304 stainless steel
- Surface Treatment: Mirror / Satin

Installation Diagram



Pivot Hinge Series

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

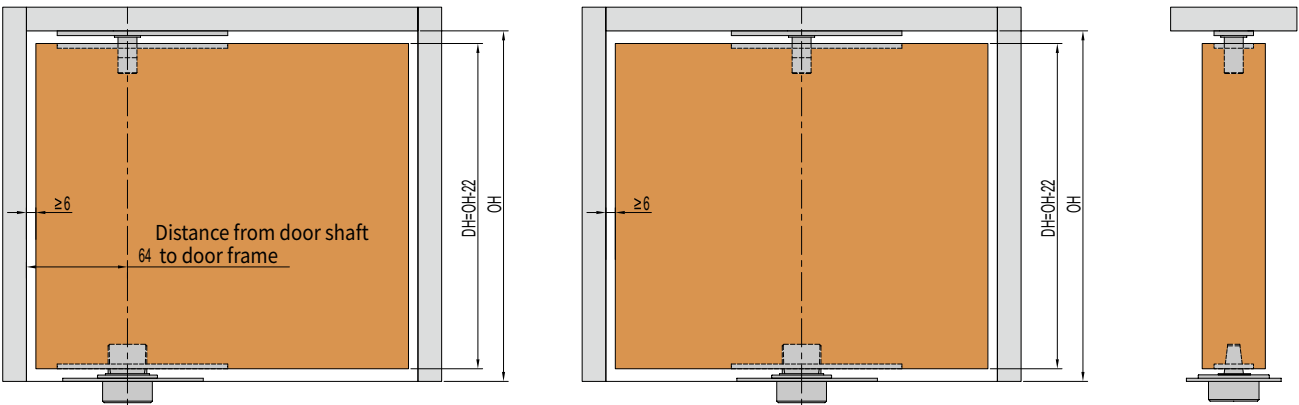
Technical Parameters

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

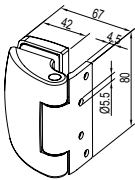
Main Material and Surface Finish

- Main Material: 304 stainless steel
- Surface Finish: satin

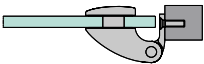
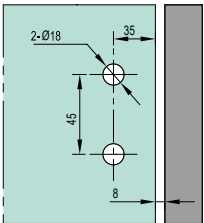
Installation Diagram



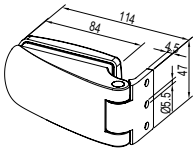
KHY11210 Glass Door Hinge



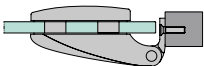
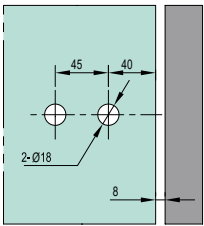
The door opening angle is 0°~ 120°



KHY12210 Glass Door Hinge



The door opening angle is 0°~ 120°



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

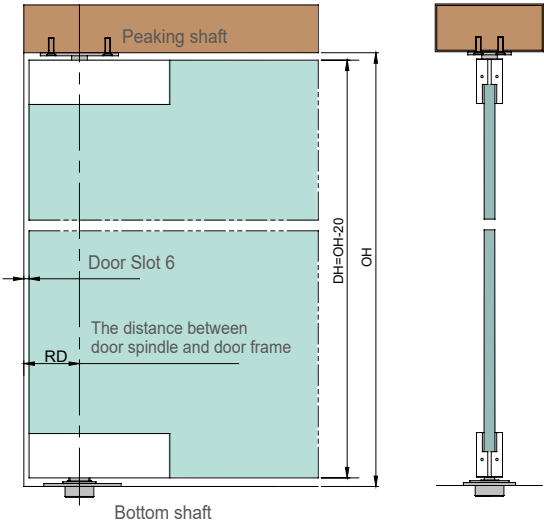
Technical Parameters

Maximum Bearing:
KHY53500、KHY53511、KHY53514、KHY53520、KHY53520(Φ15)：150Kg
KHY53512：200Kg

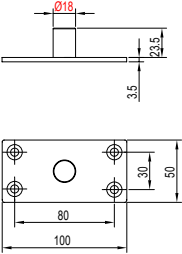
Main Material and Surface Finish

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

Installation Diagram

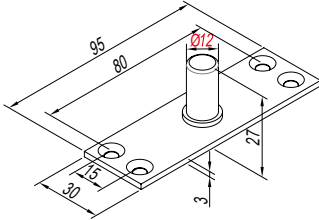


KHY53512 Peaking shaft



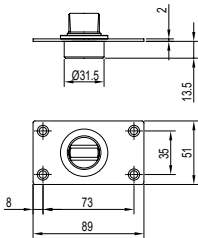
Note:
cooperate with pivot bottom seat DX04/DX07/
BDP40002 and upper patch KMJ11720(Φ18)/
KMJ21520(Φ18)/KMJ21720(Φ18); The maximum
thickness of door sash is 68mm

KHY53514 Peaking shaft



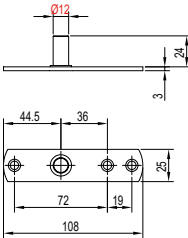
Note:
cooperate with pivot bottom seat DX03/DX05/
BDP70202
The maximum thickness of door sash is 68mm

KHY53500 Bottom shaft



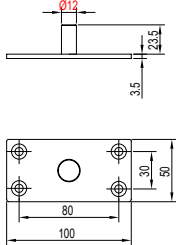
Cooperate with center pivoted arm
DY05 and bottom patch
Spindle angle is 14° by default

KHY53520 Peaking shaft



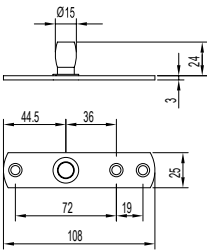
Note:
cooperate with pivot bottom seat DX03/DX05/
BDP7020
The maximum thickness of door sash is 62mm

KHY53511 Peaking shaft



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

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

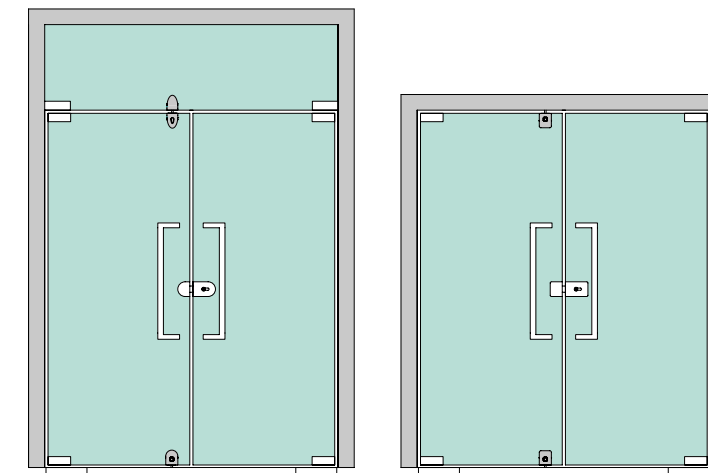
Technical Parameters

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

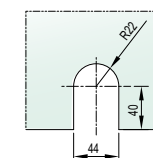
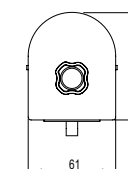
Main Material and Surface Finish

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

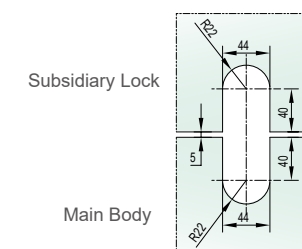
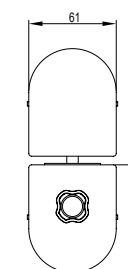
Installation Diagram



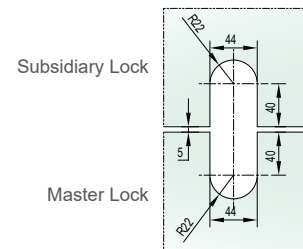
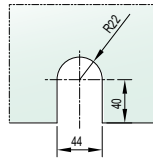
KFJ11210 Glass Door Latch



KFJ11220 Glass Door Latch



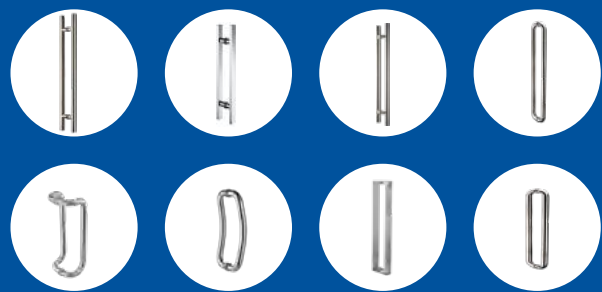
KFJ11250 Glass Door Latch



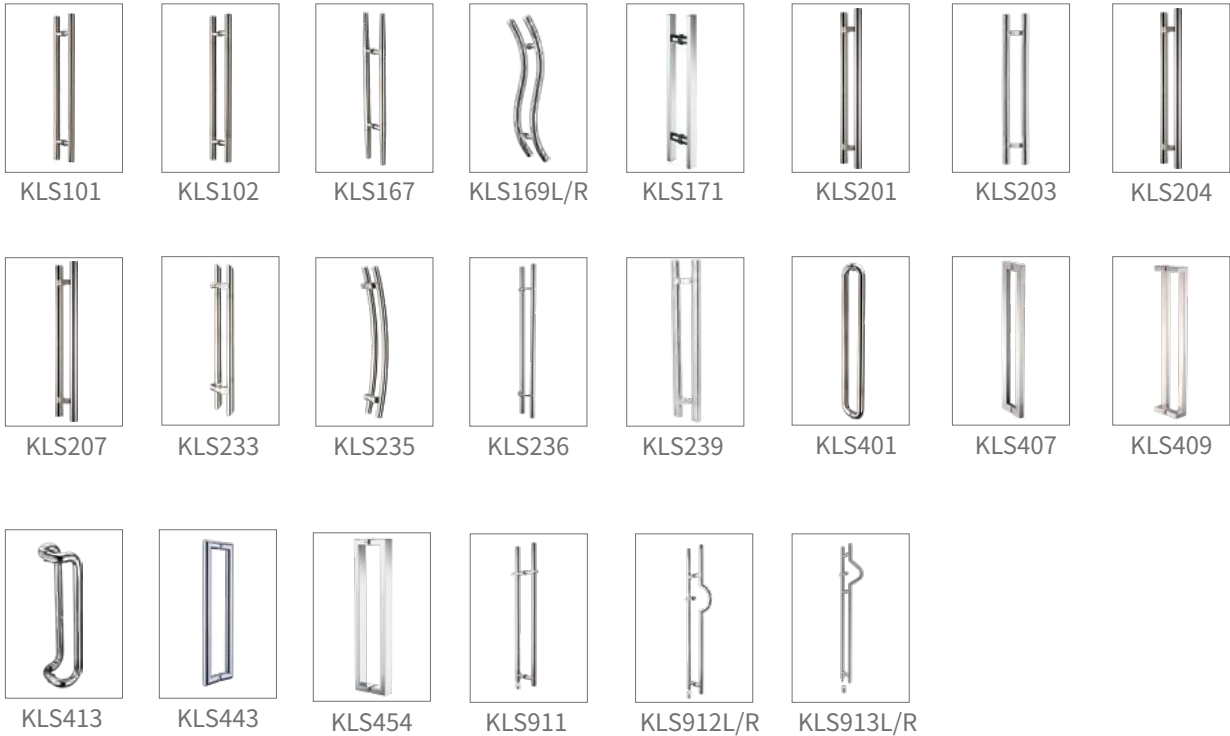
Technical drawing of a square plate. The plate has a square outer boundary with a side length of 61. Inside the square is a circular hole with a diameter of 43. At the center of the plate is a small square feature with a side length of 10.

07

Door Handle



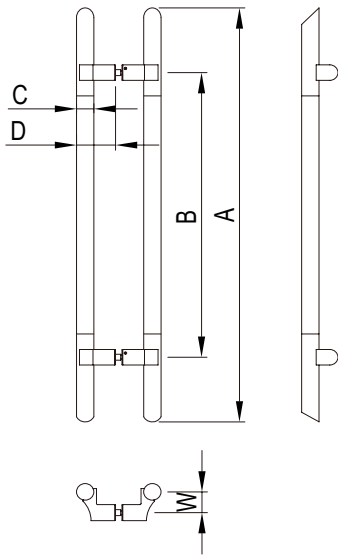
Stainless steel handle(Big)



Stainless steel handle(Small)



Luxury handle



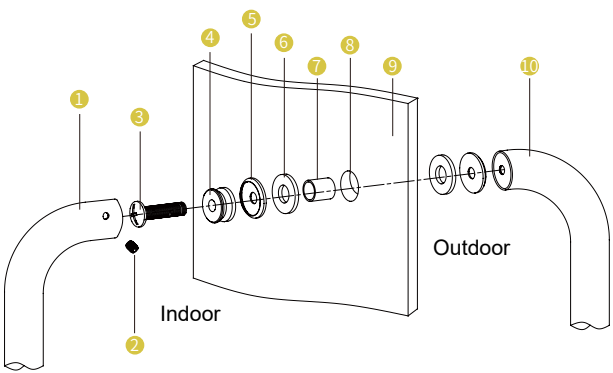
Product Dimension Definition

- 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

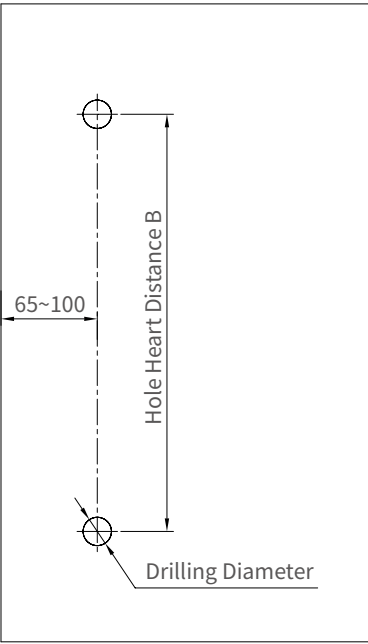
Type	Standard Color	Type	Standard Color
Electroplating	Red bronze	Spraying	Black (AD3000-4383236)
	Green bronze		Coffee (SW9331)
	Champaign Gold		Dark Gray (SW2035)
	Rose Gold		
	Black Titanium		

Installation Diagram



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

Product hole drawing



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

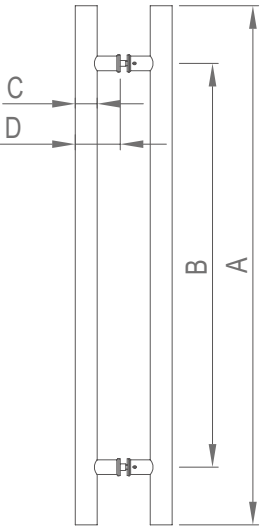


KLS101 Handle

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

- 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.

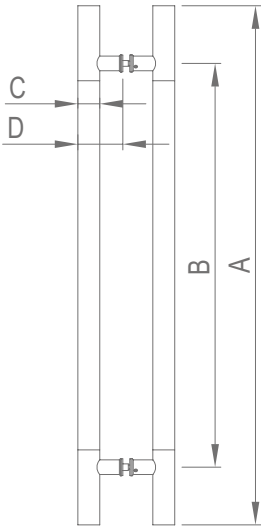


KLS102 Handle

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: Φ14mm(Glass door)
Φ10mm(wooden door, framed door)

Dimensions



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)	Φ32*0.8	Φ32*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*1.5	Φ38*1.5
D(mm)	72	72	80	80	80	80	80	80	80	80	80	80

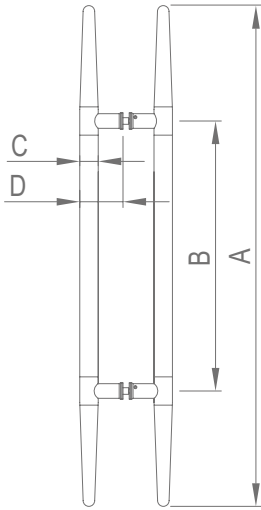


KLS167 Handle

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: Φ14mm(Glass door)
Φ10mm(wooden door, framed door)

Dimensions



Specification

Code	KLS16708	KLS16710	KLS16712
A(mm)	800	1000	1200
B(mm)	400	500	600
C(mm)	Φ32*1.2	Φ38*1.2	Φ38*1.2
D(mm)	72	80	80

Door Handle



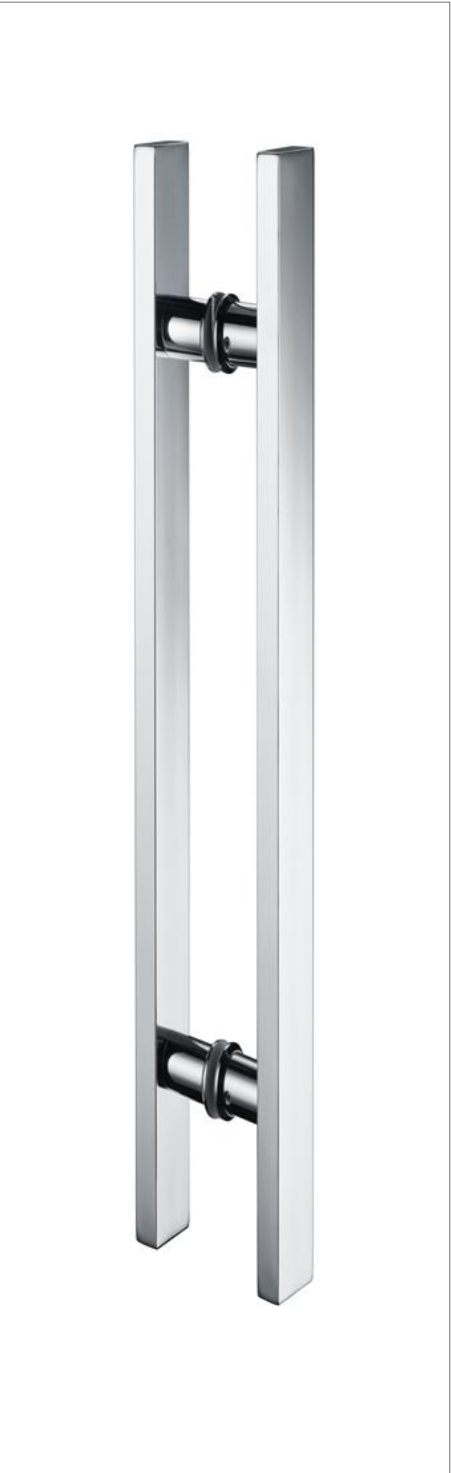
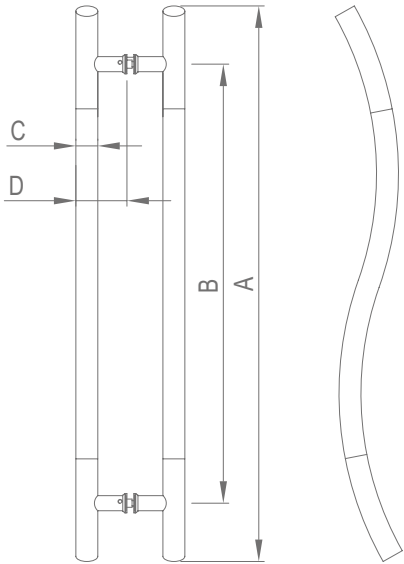
Picture KLS169R

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: Φ14mm(Glass door)
Φ10mm(wooden door, framed door)

Dimensions

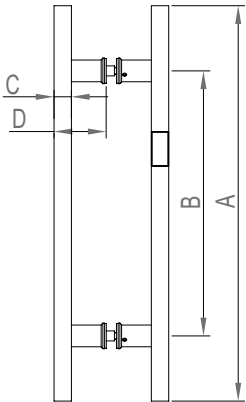


KLS171 Handle

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: Φ14mm(Glass door)
Φ10mm(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

Specification

Code	KLS16908L/R
A(mm)	800
B(mm)	500
C(mm)	Φ38*1.2
D(mm)	80

Door Handle

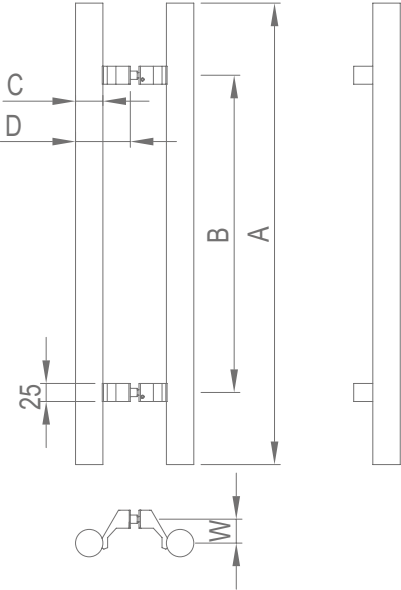


KLS201 Handle

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: Φ14mm(Glass door)
Φ10mm(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)	Φ32*1.2	Φ38*1.2	Φ38*1.2	Φ38*1.2	Φ38*1.2	Φ38*1.2
D(mm)	70	76	76	76	76	76
W(mm)	33	33	33	33	33	33

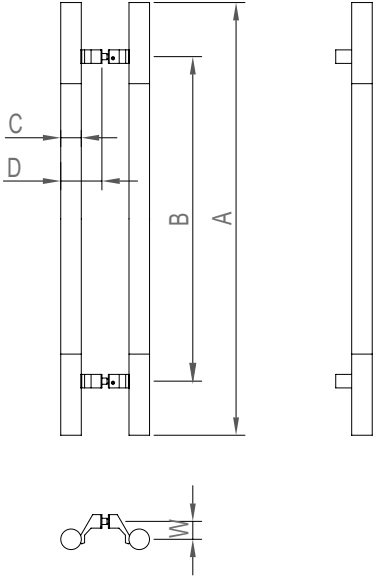


KLS203 Handle

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: Φ14mm(Glass door)
Φ10mm(wooden door, framed door)

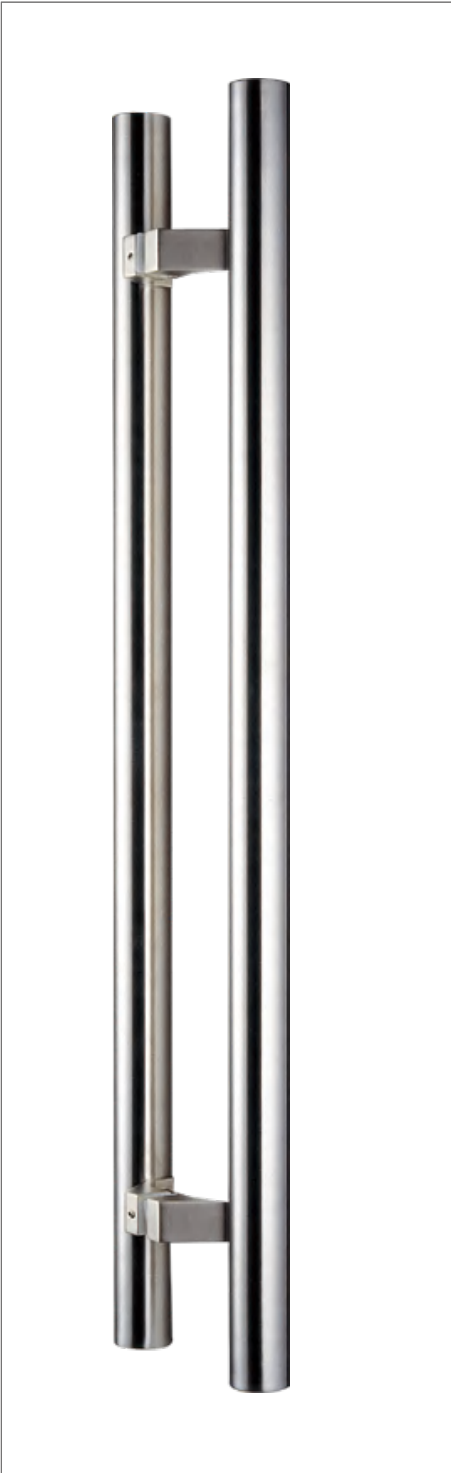
Dimensions



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)	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8
D(mm)	76	76	76	76	76	76	76	76
W(mm)	33	33	33	33	33	33	33	33

Door Handle

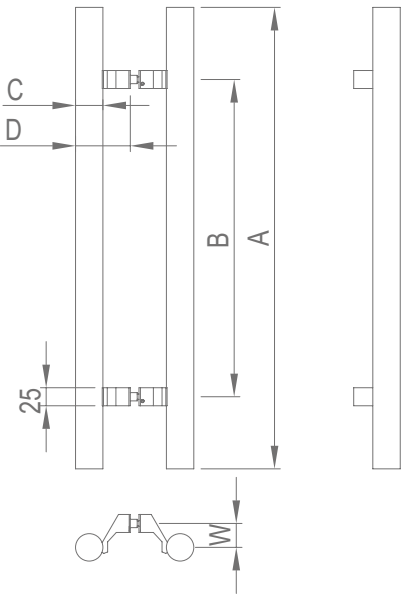


KLS204 Handle

Technical Parameters

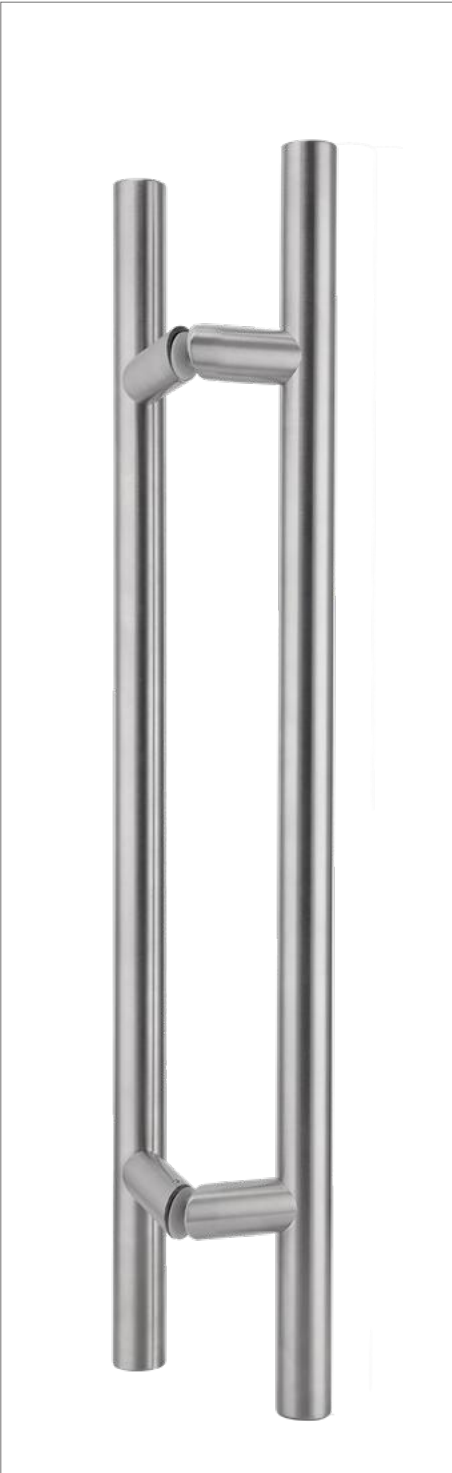
Main Material: S.S 304
Surface Finish: Satin
Applicable Door Type: Wooden door, glass door, framed door and so on
Applicable Door Thickness: 10~50mm
[When the door thickness is more than 50mm, it needs to change the coupling screw.]
The support body is made of 304 stainless steel plate
Drilling Size: Φ14mm(Glass door)
 Φ10mm(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)	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8
D(mm)	76	76	76	76	76	76
W(mm)	33	33	33	33	33	33

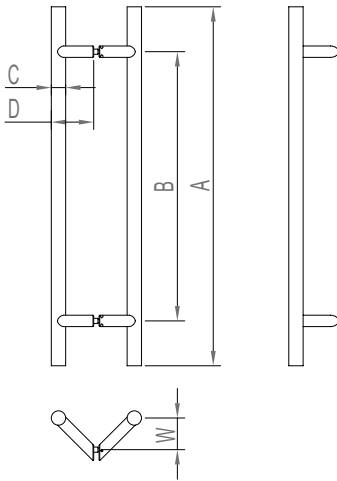


KLS205 Handle

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: Φ14mm(Glass door)
 Φ10mm(wooden door, framed door)

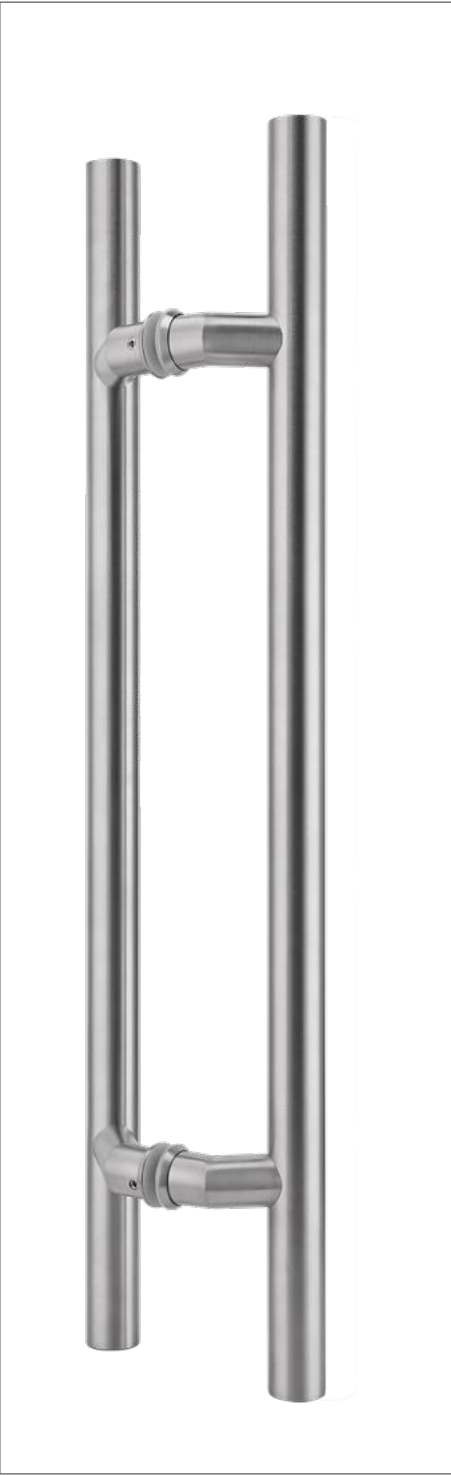
Dimensions



Specification

Code	KLS20506	KLS20508	KLS20510
A(mm)	600	800	1000
B(mm)	400	600	800
C(mm)	Φ32*1.2	Φ32*1.2	Φ32*1.2
D(mm)	94.5	94.5	94.5
W(mm)	70.5	70.5	70.5

Door Handle

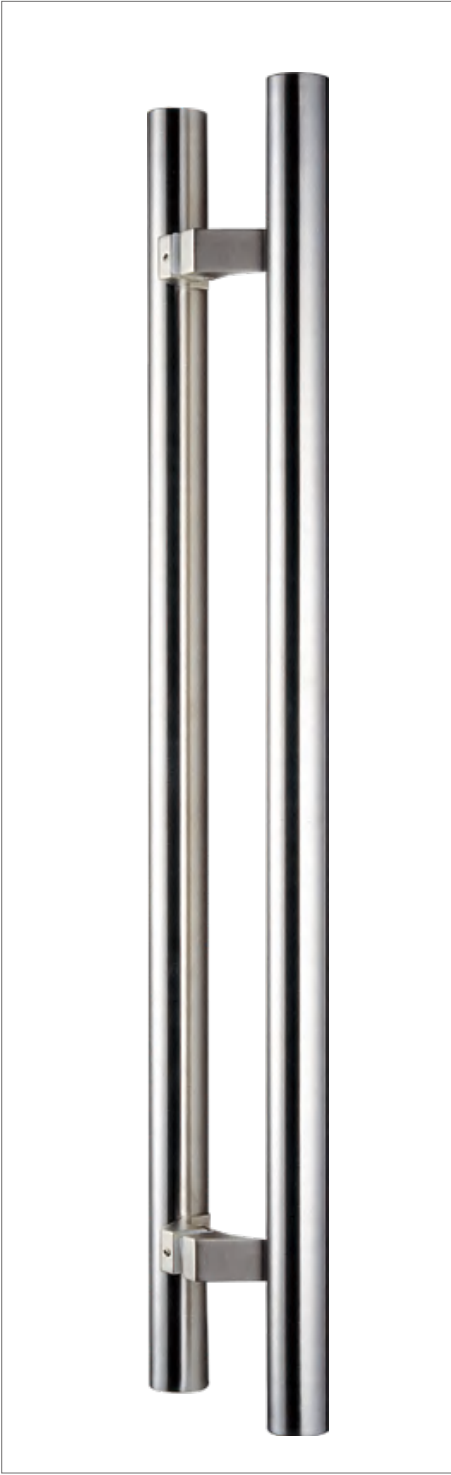
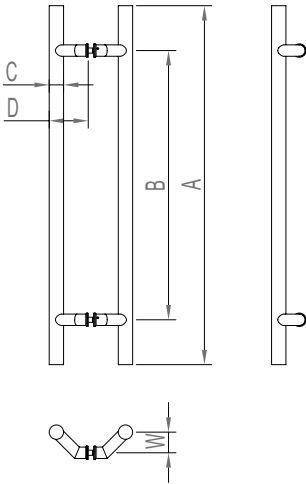


KLS206 Handle

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: Φ14mm(Glass door)
 Φ10mm(wooden door, framed door)

Dimensions

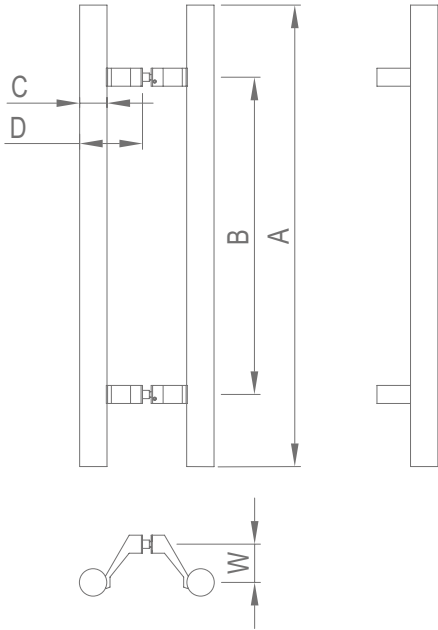


KLS207 Handle

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: Φ14mm(Glass door)
 Φ10mm(wooden door, framed door)

Dimensions



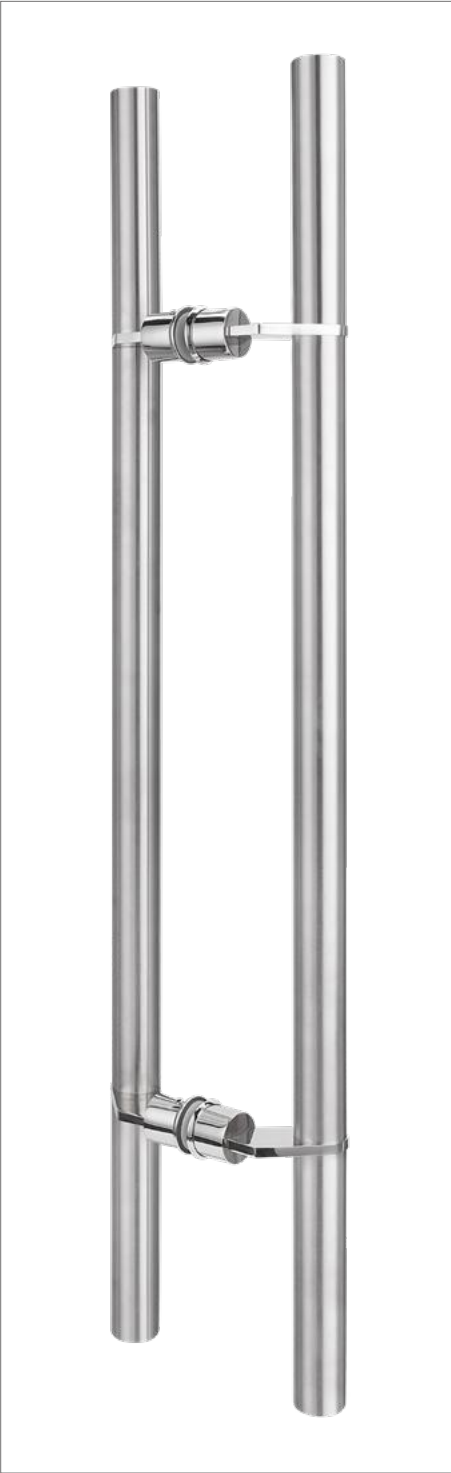
Specification

Code	KLS20606	KLS20608	KLS20610
A(mm)	600	800	1000
B(mm)	400	600	800
C(mm)	Φ32*1.2	Φ32*1.2	Φ32*1.2
D(mm)	87	87	87
W(mm)	46	46	46

Specification

Code	KLS20710	KLS20715	KLS20720	KLS20724	KLS20726
A(mm)	1000	1500	2000	2400	2600
B(mm)	800	1300	1700	2200	2400
C(mm)	Φ38*1.2	Φ38*1.2	Φ38*1.2	Φ51*1.2	Φ51*1.2
D(mm)	88	88	88	100	100
W(mm)	53	53	53	53	53

Door Handle

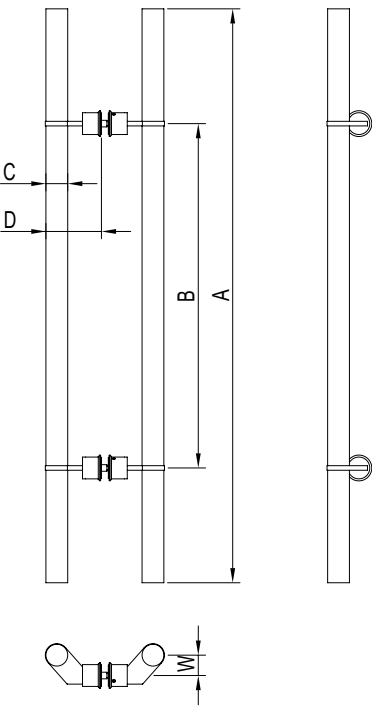


KLS208 Handle

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: Φ14mm(Glass door)
 Φ10mm(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)	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8
D(mm)	97	97	97	97
W(mm)	35.5	35.5	35.5	35.5

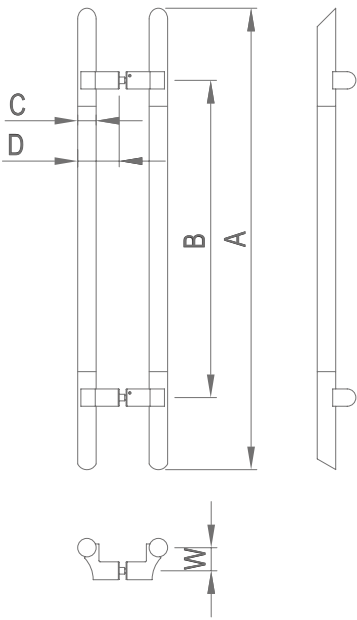


KLS233 Handle

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: Φ14mm(Glass door)
 Φ10mm(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)	Φ32*0.8	Φ32*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8
D(mm)	67	67	74	74	74	74
W(mm)	40	40	40	40	40	40

Door Handle

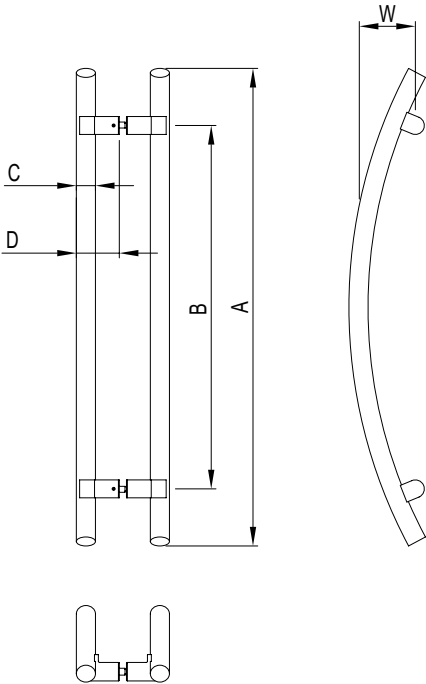


KLS235 Handle

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

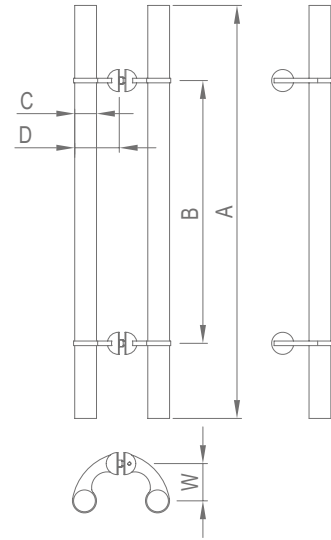


KLS236 Handle

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

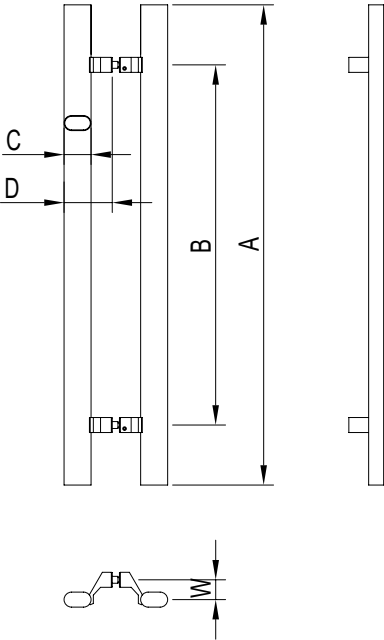


KLS239 Handle

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: Φ14mm(Glass door)
 Φ10mm(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

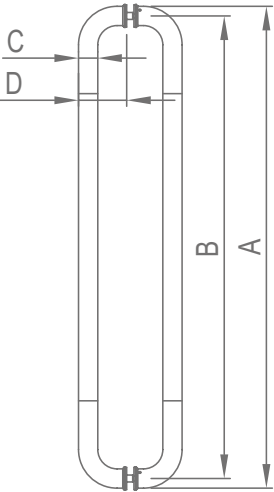


KLS401 Handle

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: Φ14mm(Glass door)
 Φ10mm(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)	Φ32*0.8	Φ38*0.8	Φ38*0.8	Φ38*0.8	Φ38*1.2	Φ38*1.2
D(mm)	82	97	97	97	97	97

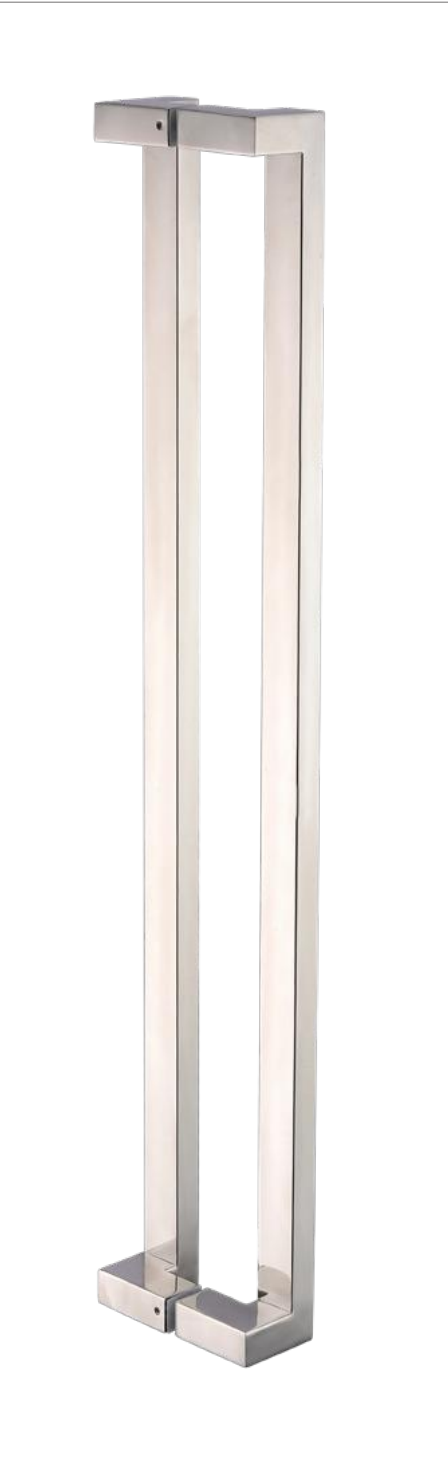
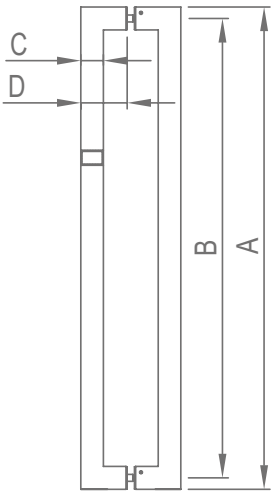


KLS407 Handle

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: Φ14mm(Glass door)
 Φ10mm(wooden door, framed door)

Dimensions

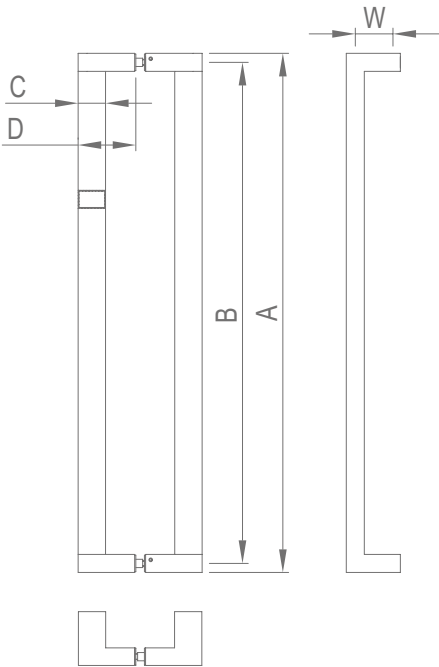


KLS409 Handle

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: Φ14mm(Glass door)
 Φ10mm(wooden door, framed door)

Dimensions



Specification

Code	KLS40706A	KLS40708	KLS40710	KLS40712	KLS40715	KLS40718	KLS40720A	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	1962	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	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	78	90	90	90	90	90

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

Door Handle

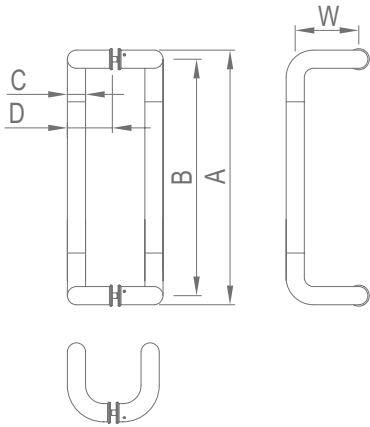


KLS413 Handle

Technical Parameters

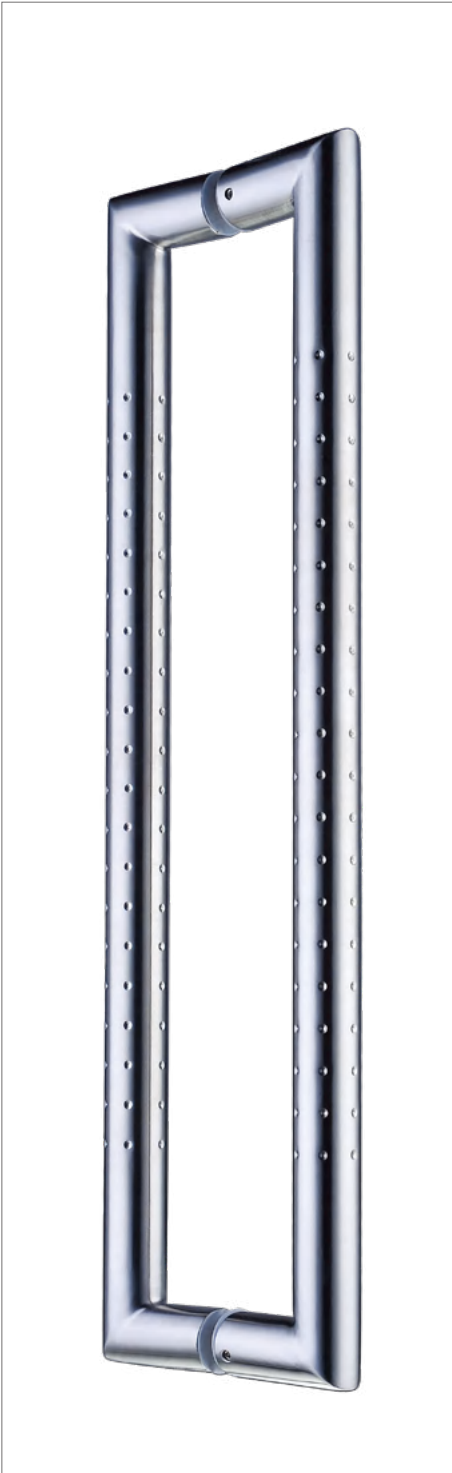
Main Material: S.S 304
Surface Finish: Mirror+ Satin
[Ends are mirror + middle is satin]
Applicable Door Type: Wooden door, glass door, framed door and so on
Applicable Door Thickness: 10~50mm
[When the door thickness is more than 50mm, it needs to change the coupling screw.]
Drilling Size: Φ14mm(Glass door)
Φ10mm(wooden door, framed door)

Dimensions



Specification

Code	KLS41308	KLS41310	KLS41312
A(mm)	800	1000	1200
B(mm)	762	962	1162
C(mm)	Φ38*1.2	Φ38*1.2	Φ38*1.2
D(mm)	90	90	90
W(mm)	122	122	122

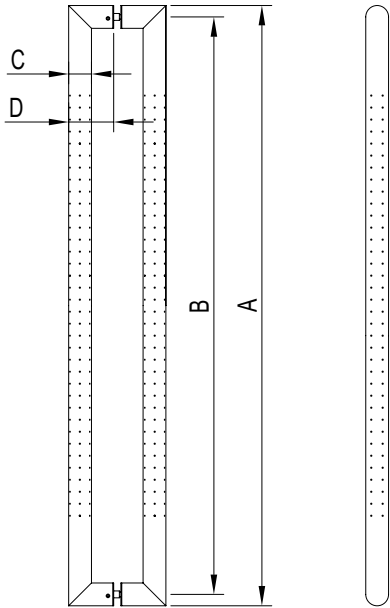


KLS443 Handle

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: Φ14mm(Glass door)
Φ10mm(wooden door, framed door)

Dimensions



Specification

Code	KLS44310	KLS44312
A(mm)	1000	1200
B(mm)	962	1162
C(mm)	Φ38*1.2	Φ38*1.2
D(mm)	75	75

Door Handle

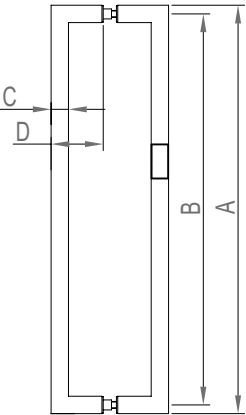


KLS454 Handle

Technical Parameters

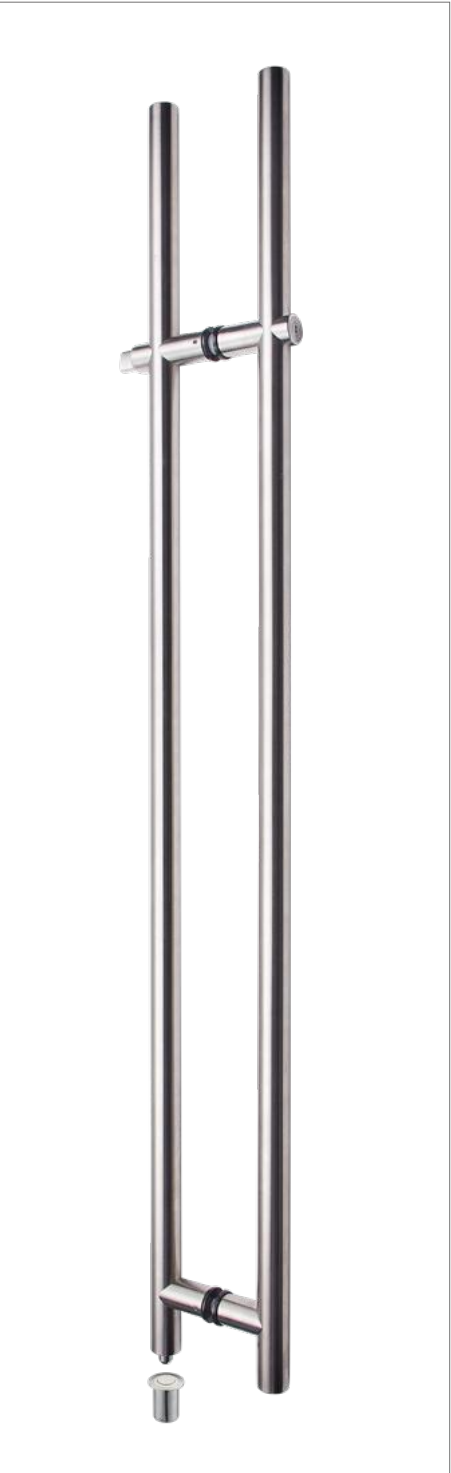
Main Material: S.S 304
Surface Finish:Satin
Applicable Door Type: Wooden door, glass door, framed door and so on
Applicable Door Thickness: 10~50mm
[When the door thickness is more than 50mm, it needs to change the coupling screw.]
Drilling Size: Φ14mm(Glass door)
Φ10mm(wooden door, framed door)

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

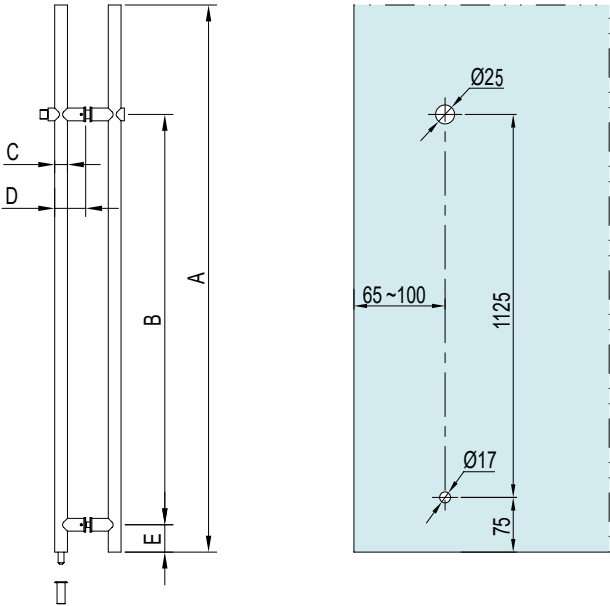


KLS911 Handle with lock

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: Φ25mm(upper end), Φ17mm(lower end)

Dimensions



Specification

Code	KLS91115
A(mm)	1500
B(mm)	1125
C(mm)	Φ35*1.0
D(mm)	83
E(mm)	75

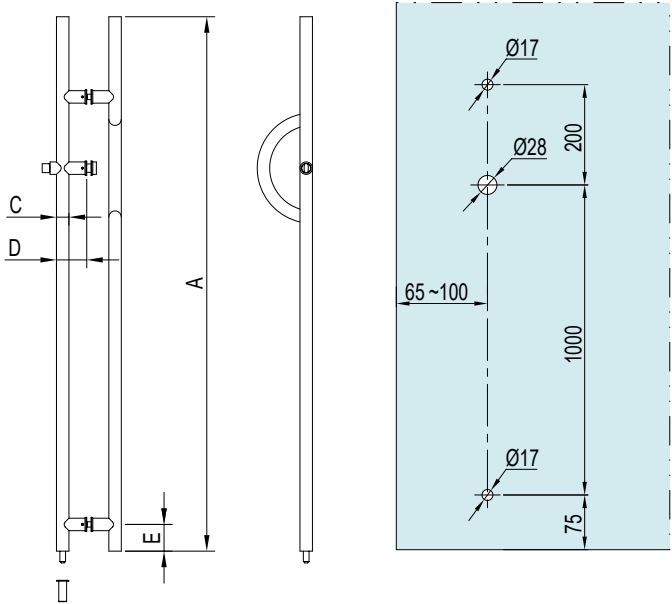


KLS912L/R Handle with lock

Technical Parameters

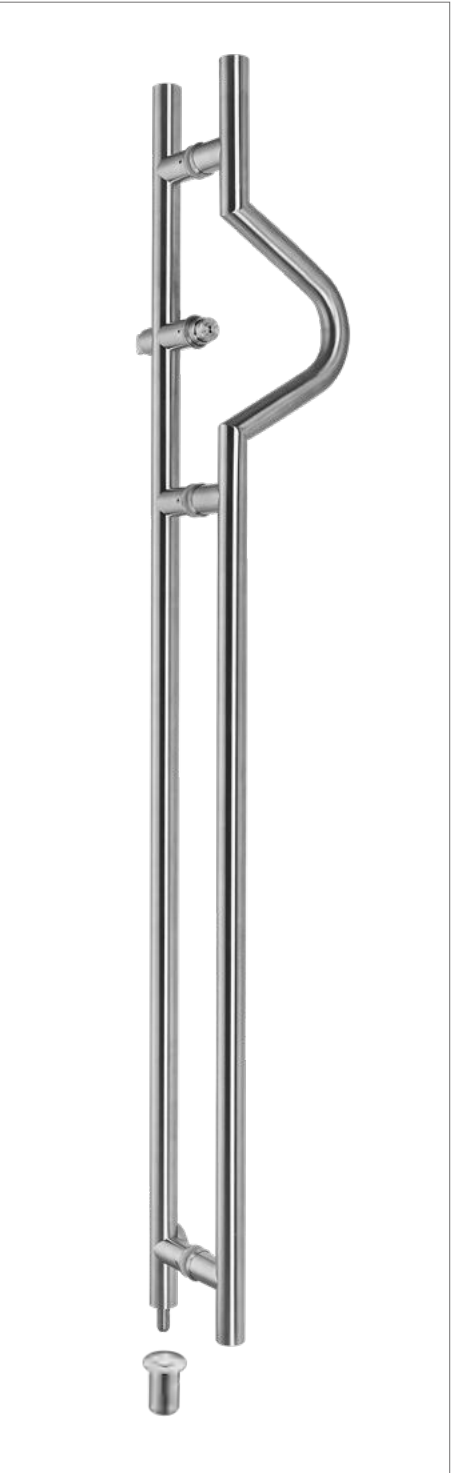
Main Material: S.S 304
Surface Finish: Satin
Applicable Door Type: glass door
Applicable Door Thickness: 10~12mm
It uses the rotary knob to lock and open inside and uses key to lock and open outside.
When using it inside room, you should press the rotary knob at first before turning the rotary knob.
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

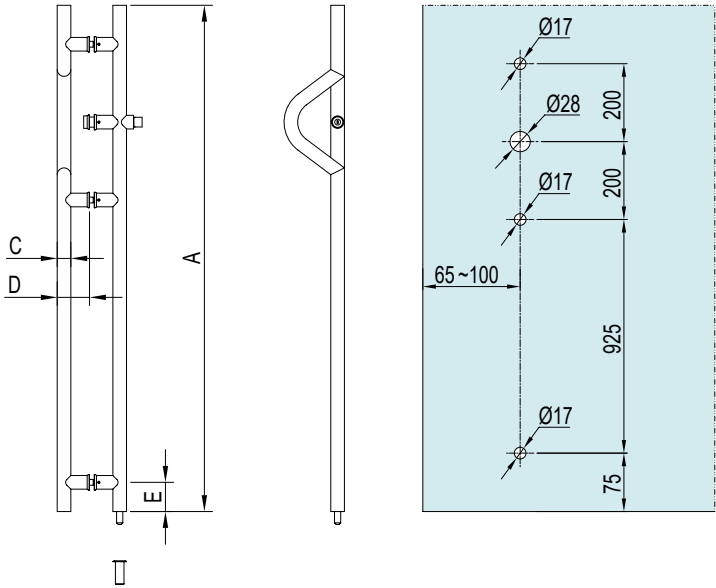


KLS913L/R Handle with lock

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



Specification

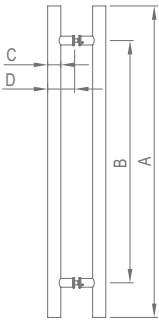
Code	KLS10203	KLS10204	KLS10205
A(mm)	350	455	500
B(mm)	250	305	350
C(mm)	Φ25*0.8	Φ25*0.8	Φ25*0.8
D(mm)	65	65	65

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: Φ14mm(Glass door)
Φ10mm(wooden door, framed door)

Dimensions



Specification

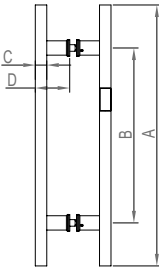
Code	KLS17103	KLS17104	KLS17105	KLS17106
A(mm)	350	455	500	600
B(mm)	250	305	350	450
C(mm)	20*40*0.8	20*40*0.8	20*40*0.8	20*40*0.8
D(mm)	60	60	60	60

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: Φ14mm(Glass door)
Φ10mm(wooden door, framed door)

Dimensions



Specification

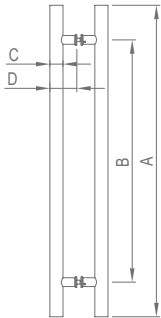
Code	KLS102H450	KLS102H600
A(mm)	450	600
B(mm)	300	450
C(mm)	Φ25*0.8	Φ25*0.8
D(mm)	65	65

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: Φ14mm (Glass door)
Φ10mm (Framed door, wooden door)

Dimensions



Specification

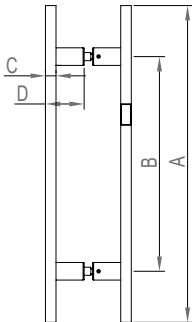
Code	KLS17403	KLS17404	KLS17405	KLS17406
A(mm)	350	455	500	600
B(mm)	250	305	350	450
C(mm)	15*30*0.8	15*30*0.8	15*30*0.8	15*30*0.8
D(mm)	55	55	55	55

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: Φ14mm (Glass door)
Φ10mm (Framed door, wooden door)

Dimensions



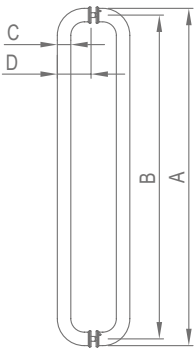


KLS401 Handle

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: Φ14mm(Glass door)
Φ10mm(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)	Φ25*0.8	Φ25*0.8	Φ32*0.8	Φ32*0.8
D(mm)	72	72	82	82

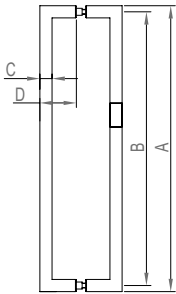


KLS454 Handle

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: Φ14mm(Glass door)
Φ10mm(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

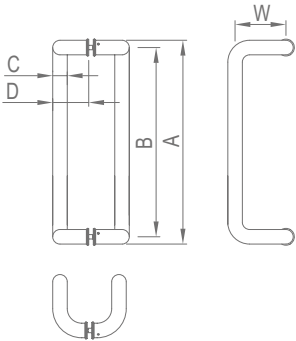


KLS413 Handle

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: Φ14mm(Glass door)
Φ10mm(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)	Φ25*0.8	Φ25*0.8	Φ32*0.8	Φ32*0.8
D(mm)	70	70	80	80
W(mm)	86	86	95	95

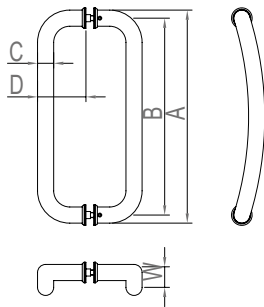


KLS459 Handle

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: Φ14mm(Glass door)
Φ10mm(wooden door, framed door)

Dimensions



Specification

Code	KLS45903
A(mm)	330
B(mm)	305
C(mm)	Φ25*0.8
D(mm)	75
W(mm)	23

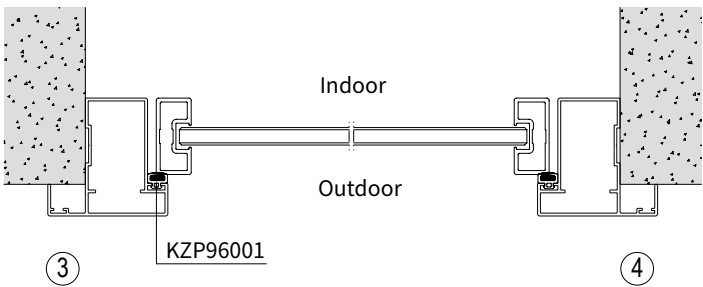
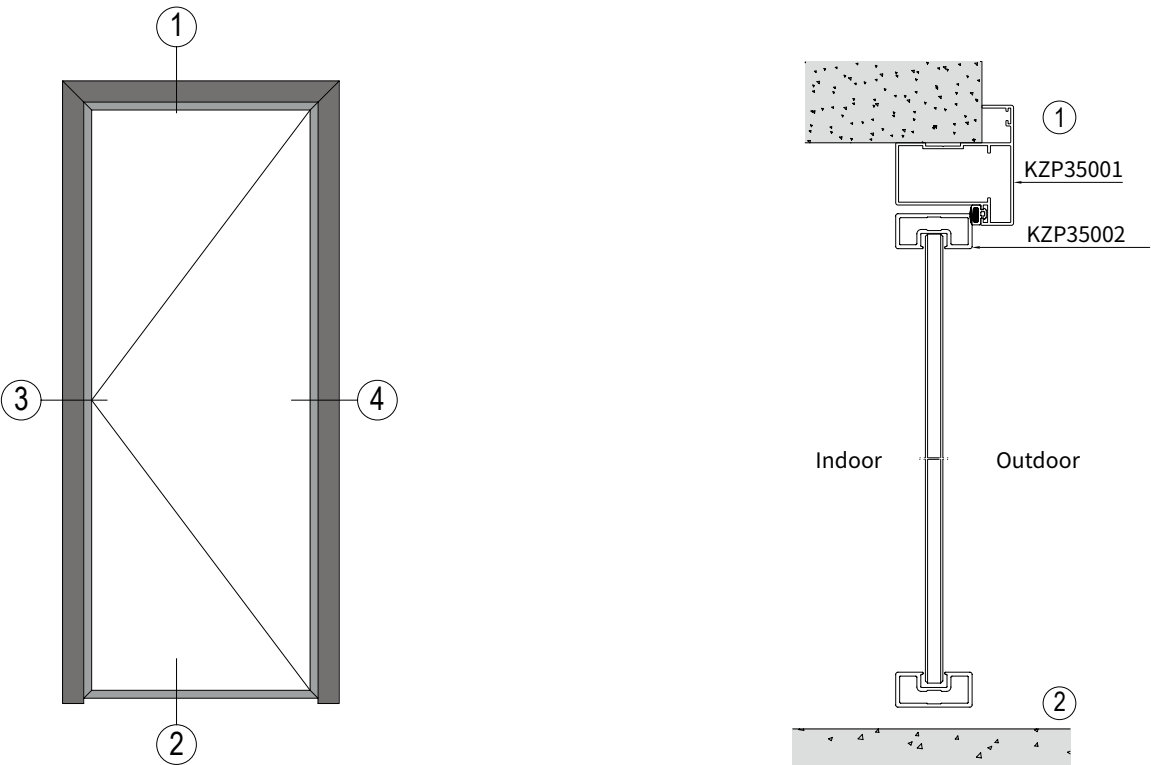
08

Narrow Frame Swing Door Series

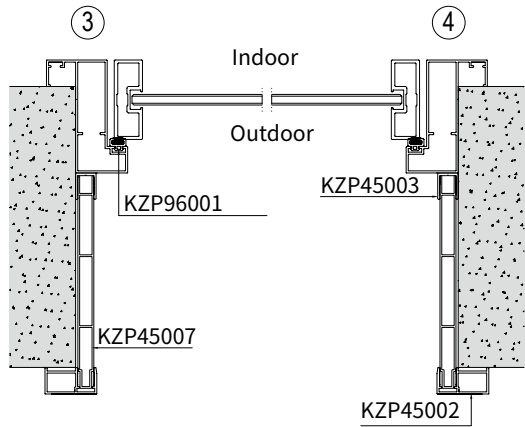
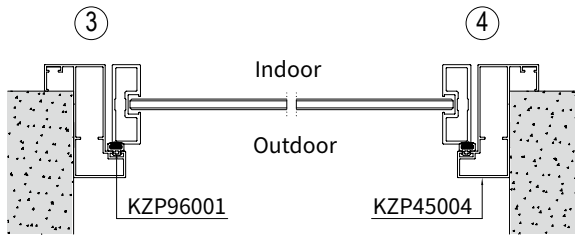
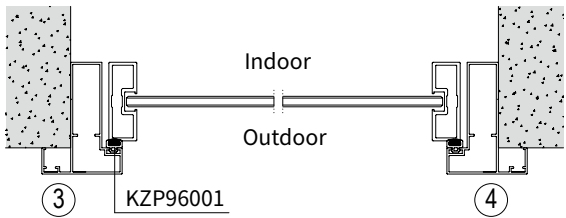
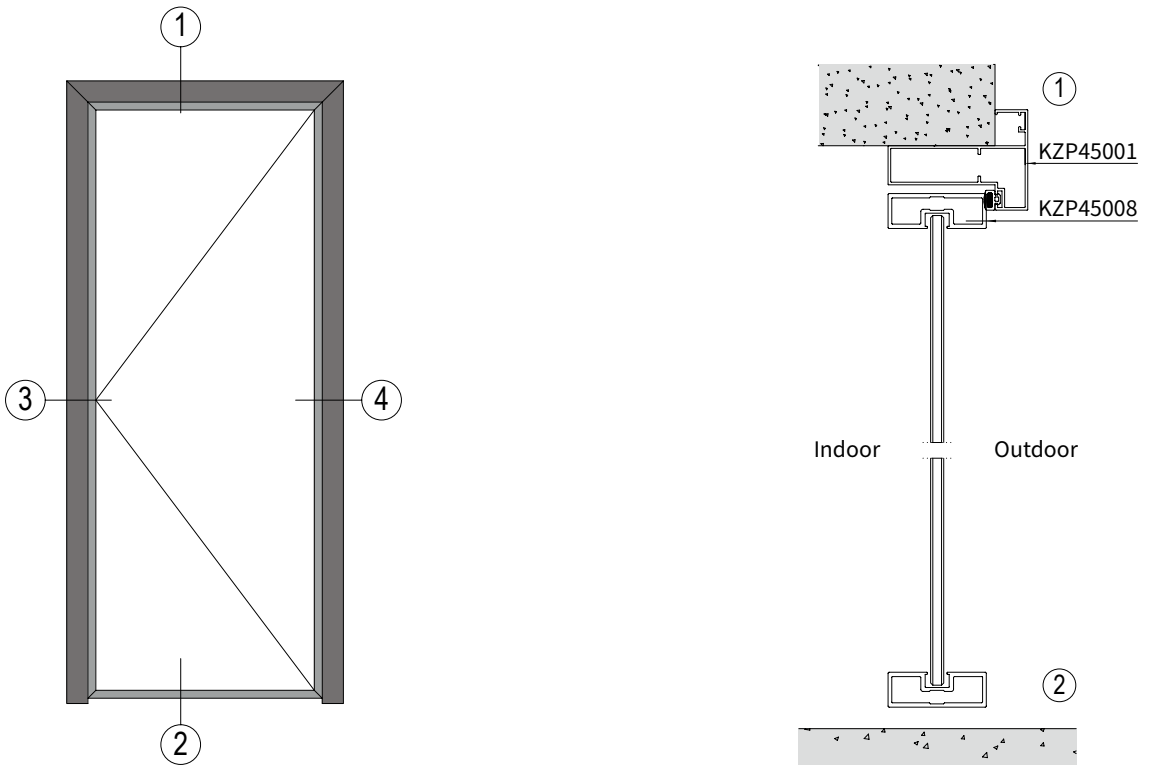


Narrow Frame
Swing Door

35 Series Narrow Frame Swing Door



45 Series Narrow Frame Swing Door

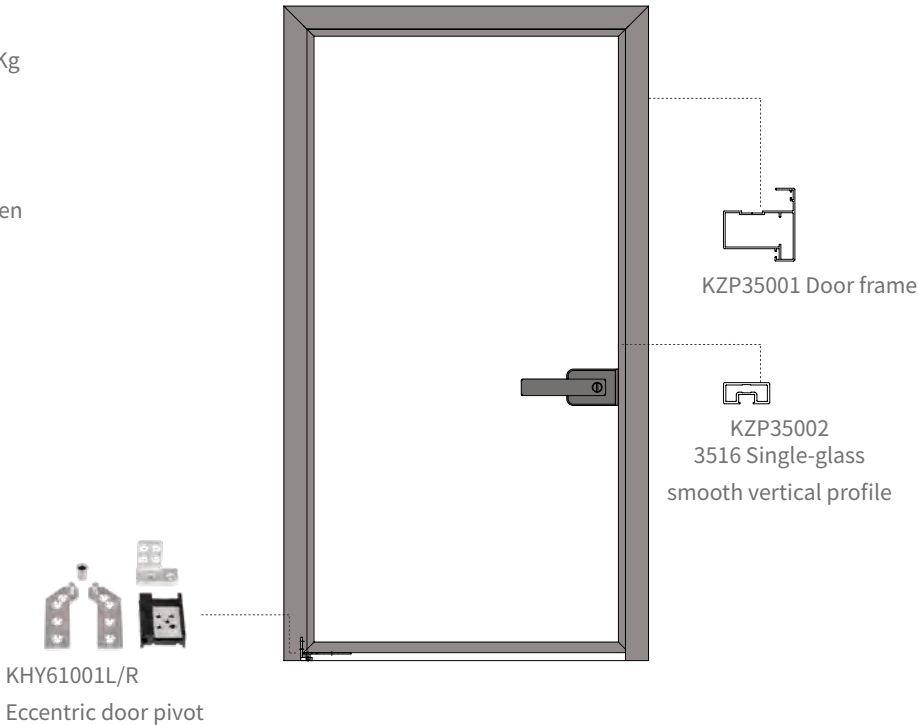


35 Narrow Frame Swing Door KZP11 Series

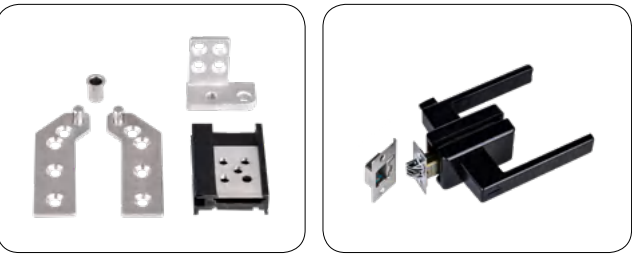
Eccentric door pivot swing door

Technical Parameter

Applicable maximum door weight: 60Kg
Applicable glass thickness: 8mm
Applicable door width: 1000mm
Applicable door height: 2400mm
Applicable scenarios: bathroom, kitchen



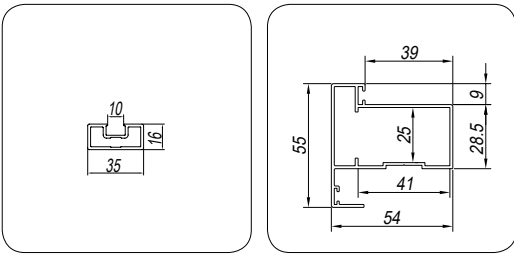
Hardware accessories



KHY61001L/R
Eccentric door pivot

KMS51310
Door lock

Profile

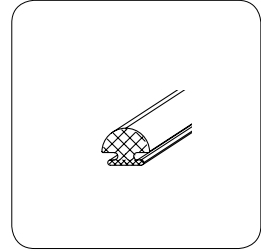


KZP35002
3516 Single-glass
smooth vertical profile

KZP35001
Door frame



KZP94001 Corner joint with holes
KZP93001 Corner joint
KZP95001 Corner joint piece



KZP96001
Strip

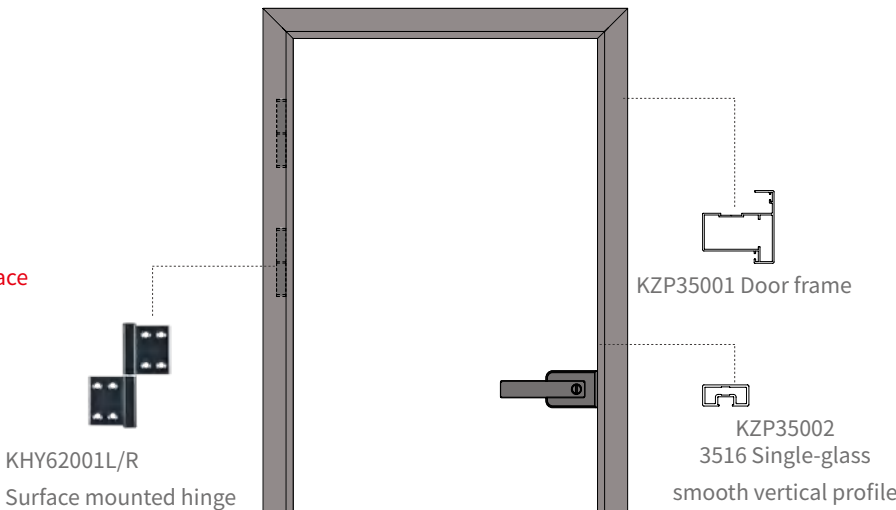
35 Narrow Frame Swing Door KZP12 Series

Surface mounted hinges swing door

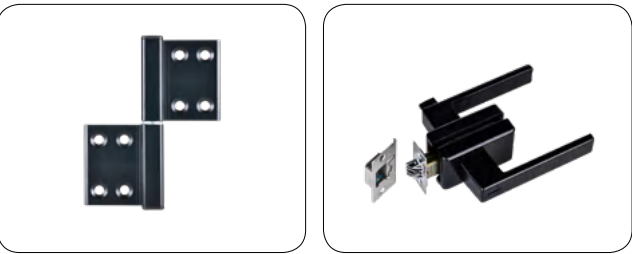
Technical Parameter

Applicable maximum door weight: 50Kg
Applicable glass thickness: 8mm
Applicable door width: 900mm
Applicable door height: 2400mm
Applicable scenarios: bathroom, kitchen

Note:
Door height $\leq 2200\text{mm}$, using 3 pcs surface mounted hinges.
 $2200 < \text{door height} \leq 2400\text{mm}$, using 4 pcs surface mounted hinges



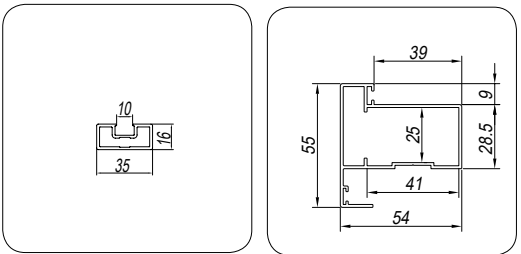
Hardware accessories



KHY62001L/R
Surface mounted hinge

KMS51310 Door lock

Profile

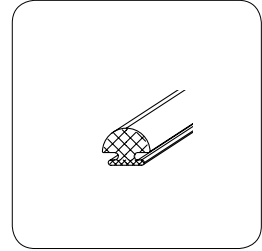


KZP35002
3516 Single-glass
smooth vertical profile

KZP35001
Door frame



KZP94002 Corner joint
KZP93002 Corner joint
KZP95001 Corner joint piece

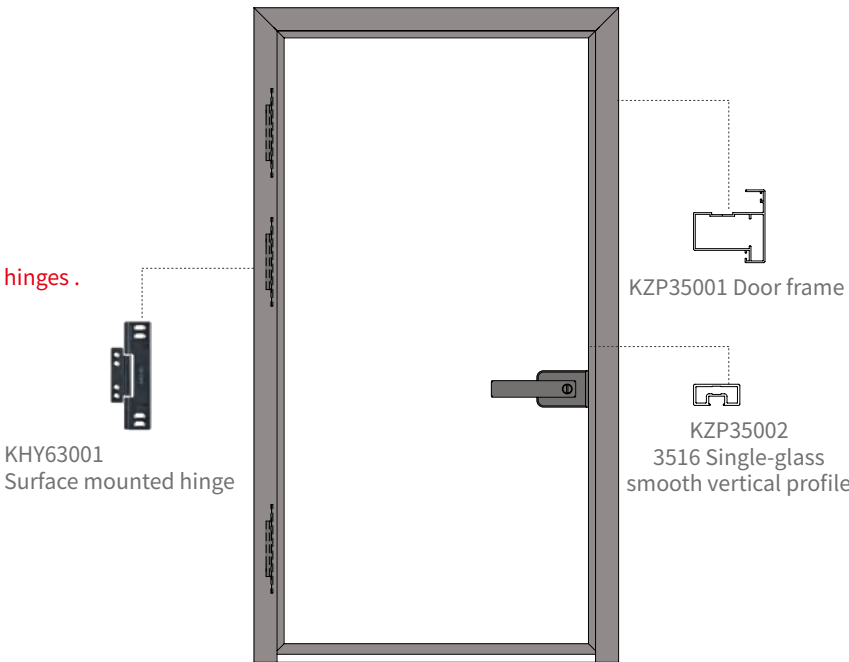


KZP96001
Strip

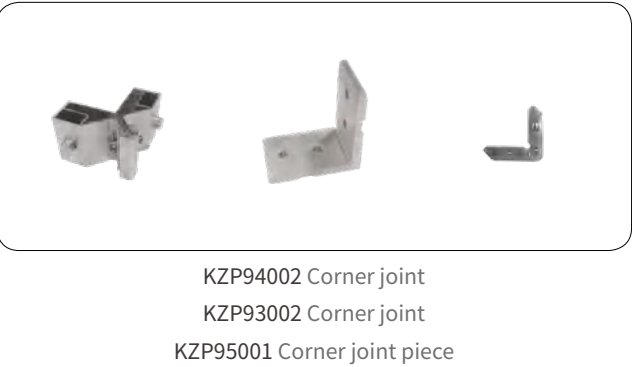
35 Narrow Frame Swing Door KZP13 Series Concealed hinge swing door

Technical Parameter
Applicable maximum door weight: 50Kg
Applicable glass thickness: 8mm
Applicable door width: 900mm
Applicable door height: 2400mm
Applicable scenarios: bathroom, kitchen

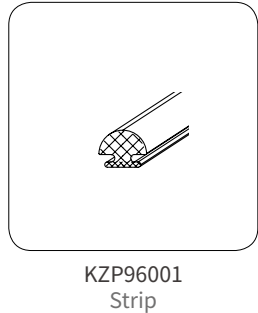
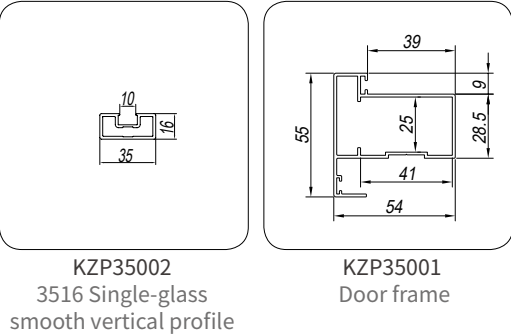
Note:
Door height ≤ 2200mm, using 3 pcs concealed hinges .
2200<door height ≤ 2400mm, using 4 pcs
concealed hinges .



Hardware accessories

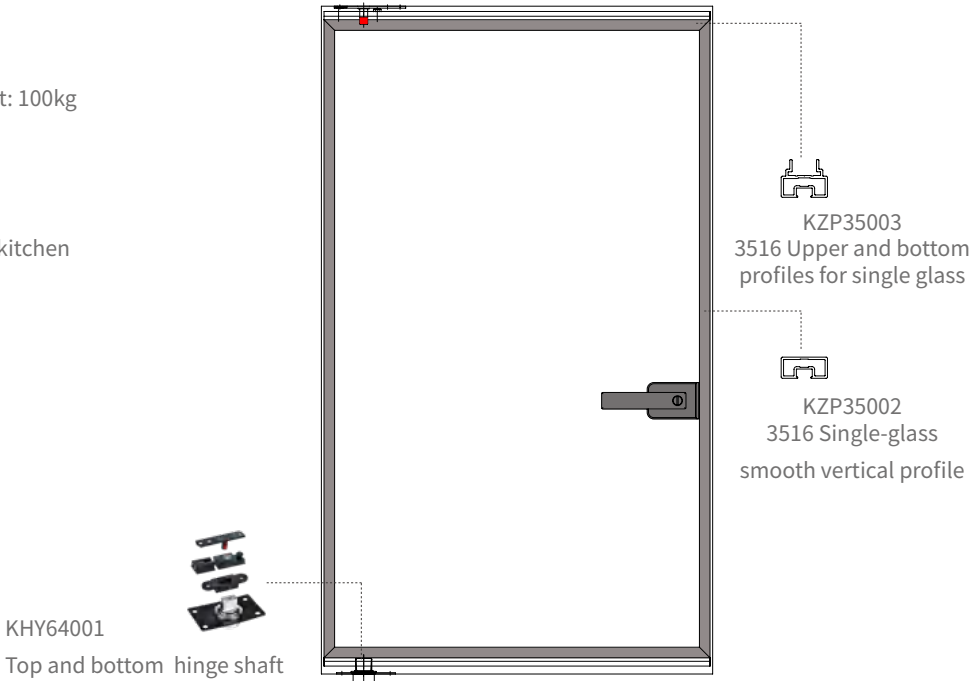


Profile



35 Narrow Frame Swing Door KZP14 Series Top and bottom hinge shaft swing door

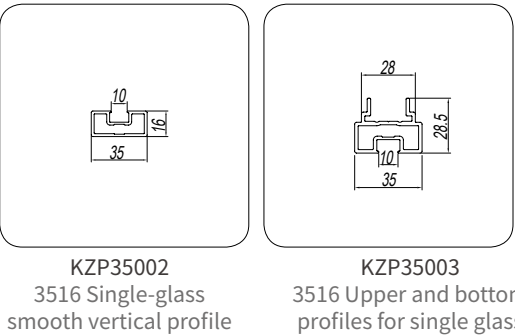
Technical Parameter
Applicable maximum door weight: 100kg
Applicable glass thickness: 8mm
Applicable door width: 1100mm
Applicable door height: 2800mm
Applicable scenarios: bathroom, kitchen



Hardware accessories



Profile

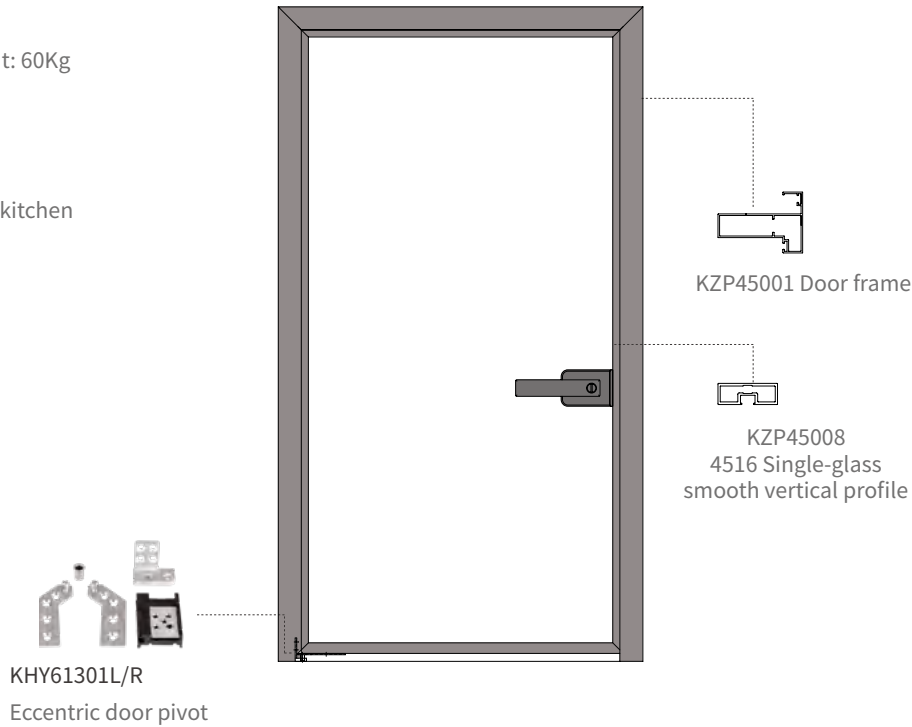


45 Narrow Frame Swing Door KZP31 Series

Eccentric door pivot swing door

Technical Parameter

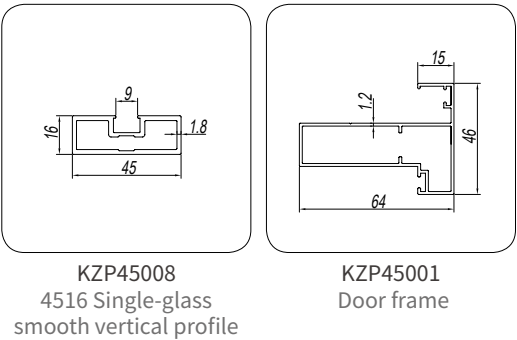
Applicable maximum door weight: 60Kg
Applicable glass thickness: 8mm
Applicable door width: 1000mm
Applicable door height: 2400mm
Applicable scenarios: bathroom, kitchen



Hardware accessories



Profile



KZP96001 Strip

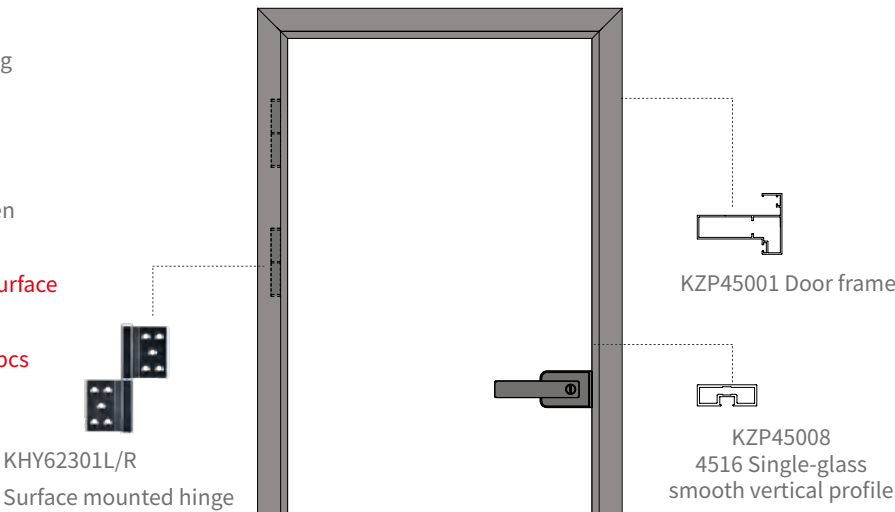
45 Narrow Frame Swing Door KZP32 Series

Surface mounted hinges swing door

Technical Parameter

Applicable maximum door weight: 50Kg
Applicable glass thickness: 8mm
Applicable door width: 900mm
Applicable door height: 2400mm
Applicable scenarios: bathroom, kitchen

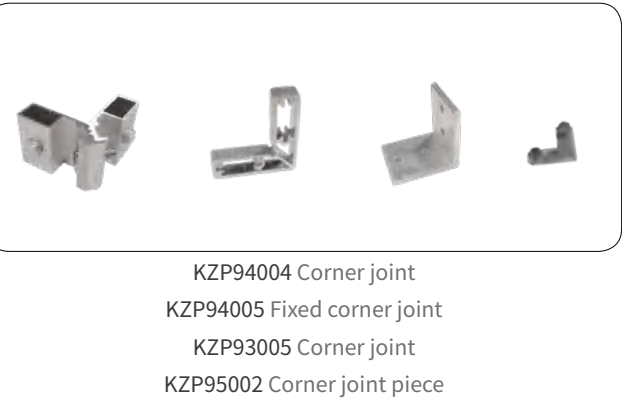
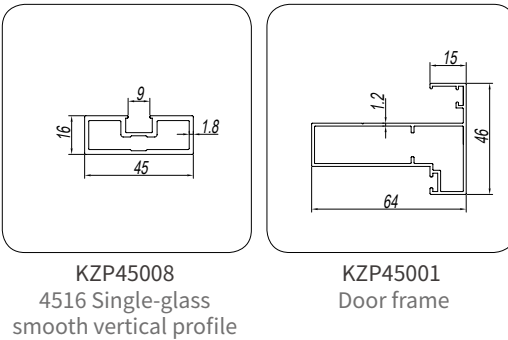
Note:
Doors height ≤ 2200 mm, using 3 pcs surface mounted hinges .
 $2200 < \text{door height} \leq 2400$ mm, using 4 pcs surface mounted hinges



Hardware accessories



Profile



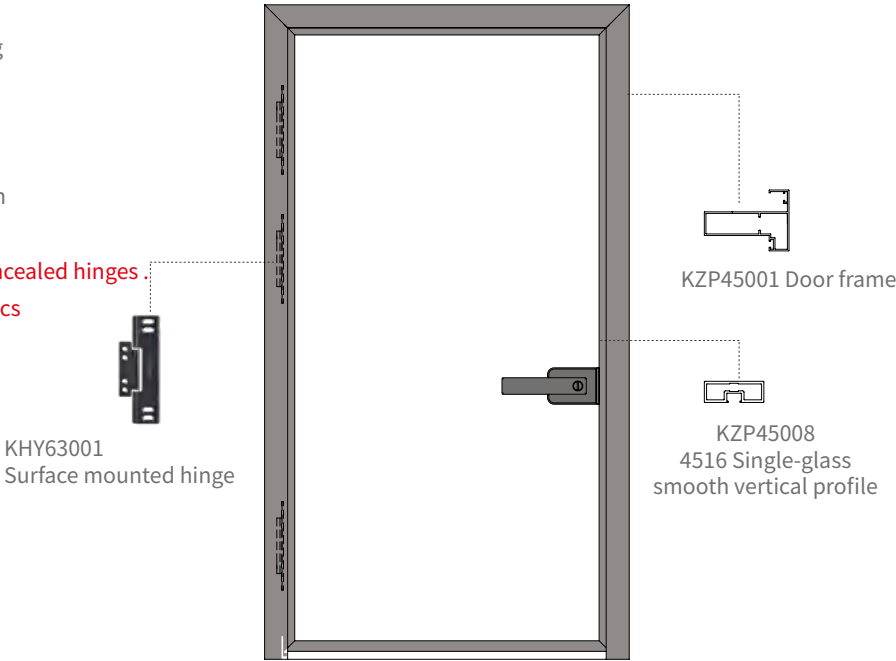
KZP96001 Strip

45 Narrow Frame Swing Door KZP33 Series Concealed hinge swing door

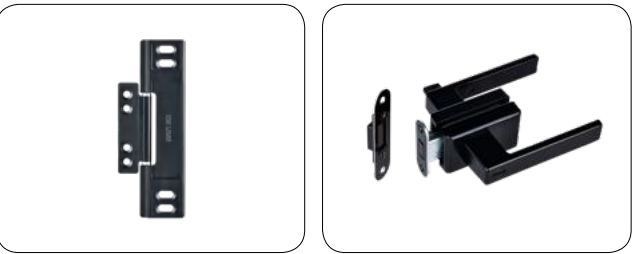
Technical Parameter

Applicable maximum door weight: 50Kg
Applicable glass thickness: 8mm
Applicable door width: 900mm
Applicable door height: 2400mm
Applicable scenarios: bathroom, kitchen

Note:
Door height ≤ 2200mm, using 3 pcs concealed hinges.
2200<door height ≤ 2400mm, using 4 pcs concealed hinges.

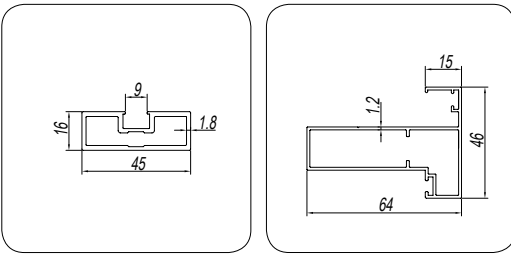


Hardware accessories



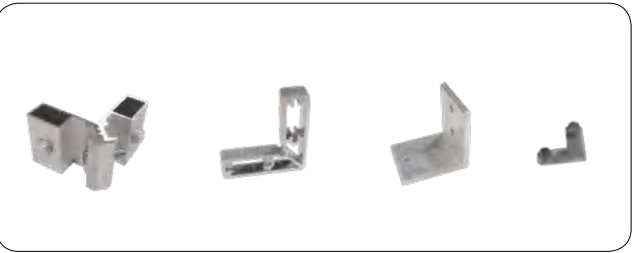
KHY63001 Surface mounted hinge
KMS51330 Door lock

Profile

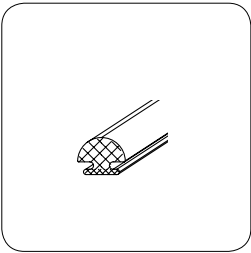


KZP45008 4516 Single-glass smooth vertical profile

KZP45001 Door frame



KZP94004Corner joint、KZP94005 Fixed corner joint
KZP93005Corner joint、KZP95002Corner joint piece

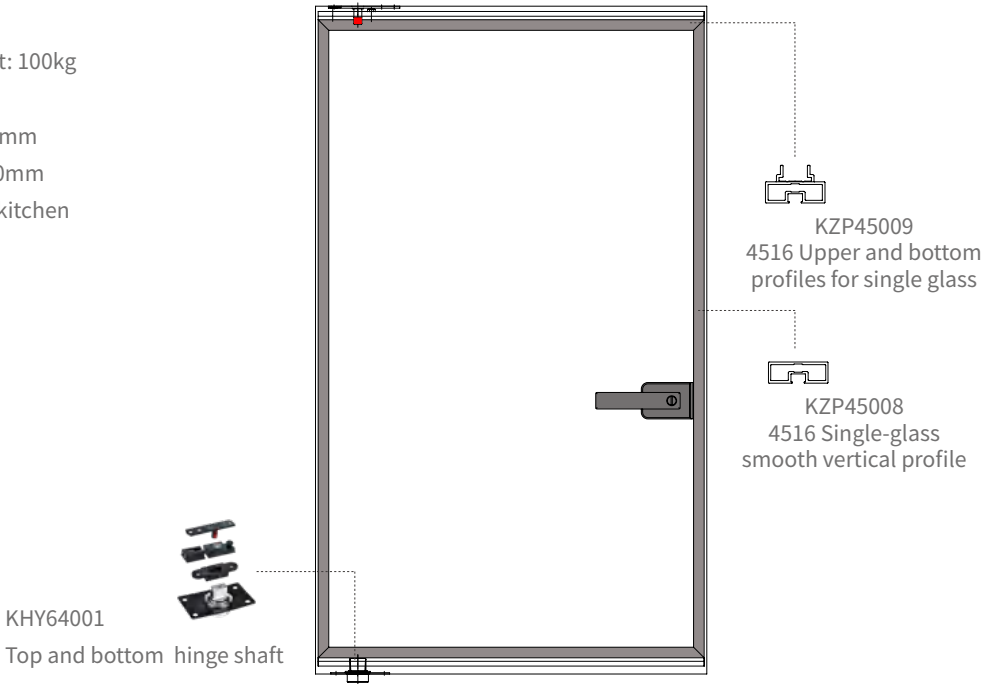


KZP96001 Strip

45 Narrow Frame Swing Door KZP34 Series Top and bottom hinge shaft swing door

Technical Parameter

Applicable maximum door weight: 100kg
Applicable glass thickness: 8mm
Applicable door sash width: 1100mm
Applicable door sash height: 2800mm
Applicable scenarios: bathroom, kitchen



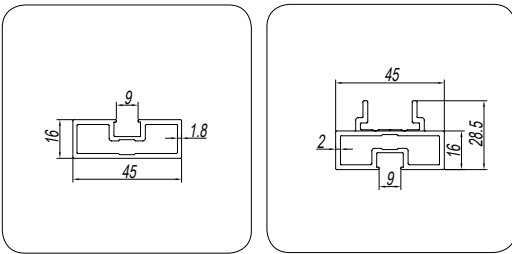
Hardware accessories



KHY64001 Top and bottom hinge shaft

KMS51330 Door lock

Profile



KZP45008 4516 Single-glass smooth vertical profile

KZP45009 4516 Upper and bottom profiles for single glass



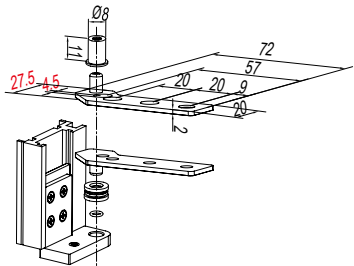
KZP93006 Corner joint

Narrow Frame Swing Door Hardware Accessories

KHY61001L/R Eccentric door pivot



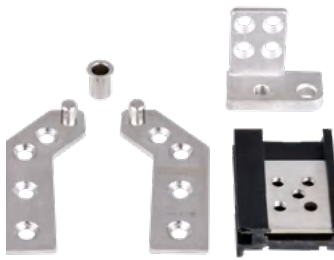
The diagram shows the left side



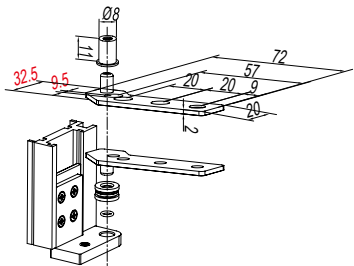
Technical Parameter

- Bearing weight :60Kg
- Main material: Stainless steel
- Surface treatment:Satin
- Applicable door thickness :35mm
- Applicable door width : ≤ 1000mm
- Applicable door height : ≤ 2400mm

KHY61301L/R Eccentric door pivot



The diagram shows the left side



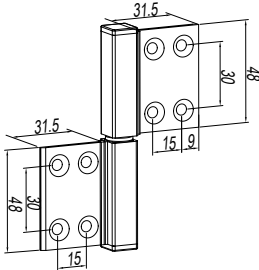
Technical Parameter

- Bearing weight :60Kg
- Main material: Stainless steel
- Surface treatment:Satin
- Applicable door thickness :45mm
- Applicable door width : ≤ 1000mm
- Applicable door height : ≤ 2400mm

KHY62001L/R Surface mounted hinge



The diagram shows the left side



Technical Parameter

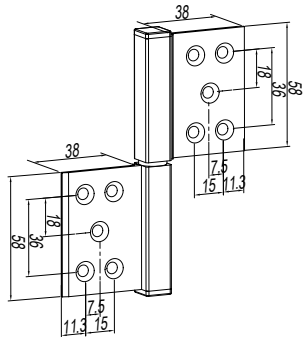
- Bearing weight :50Kg
- Main material: Aluminium alloy
- Surface treatment:Black
- Applicable door thickness :35mm
- Applicable door width : ≤ 900mm
- Applicable door height : ≤ 2400mm

Narrow Frame Swing Door Hardware Accessories

KHY62301L/R Surface mounted hinge



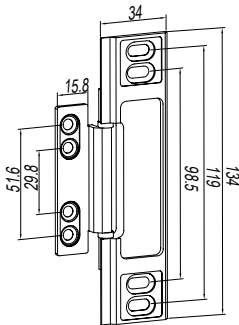
The diagram shows the left side



Technical Parameter

- Bearing weight :50Kg
- Main material: Aluminium alloy
- Surface treatment:Black
- Applicable door thickness :45mm
- Applicable door width : ≤ 900mm
- Applicable door height : ≤ 2400mm

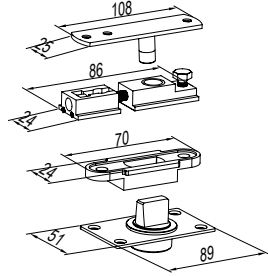
KHY63001 Concealed hinge



Technical Parameter

- Bearing weight :50Kg
- Main material: Aluminium alloy
- Surface treatment:Black
- Applicable door thickness :35,45mm
- Applicable door width : ≤ 900mm
- Applicable door height : ≤ 2400mm

KHY64001 Top and bottom hinge shaft



Technical Parameter

- Bearing weight :100Kg
- Main material: Aluminium alloy+stainless steel
- Surface treatment:Black
- Applicable door thickness :35,45mm
- Applicable door width : ≤ 1100mm
- Applicable door height : ≤ 2800mm

Narrow Frame Swing Door Hardware Accessories

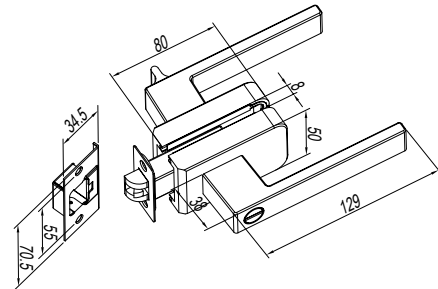
KMS51310 Door lock



Technical Parameter

35 narrow frame swing door suitable for one-way opening
Applicable glass thickness: 8mm
Main material: Aluminum alloy
Surface treatment: Black
Rotate the handle to unlock.
Indoor use knob can be locked, outdoor use coin or other hard objects can be turned to open the door urgently.

Dimensions



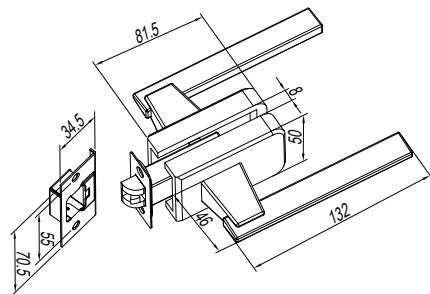
KMS51320 Door lock



Technical Parameter

35 narrow frame swing door suitable for one-way opening
Applicable glass thickness: 8mm
Main material: Aluminum alloy
Surface treatment: Black
Rotate the handle to unlock.
When using the slider indoors, it cannot be opened outdoors.

Dimensions



Narrow Frame Swing Door Hardware Accessories

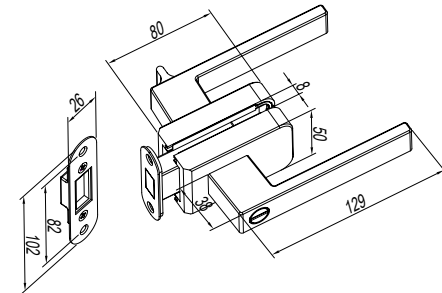
KMS51330 Door lock



Technical Parameter

35,45 narrow frame swing door suitable for two-way opening
Applicable glass thickness: 8mm
Main material: Aluminum alloy
Surface treatment: Black
The lock body is a magnetic suction style
Rotate the handle to unlock.
Indoor use knob can be locked, outdoor use coin or other hard objects can be turned to open the door urgently.

Dimensions



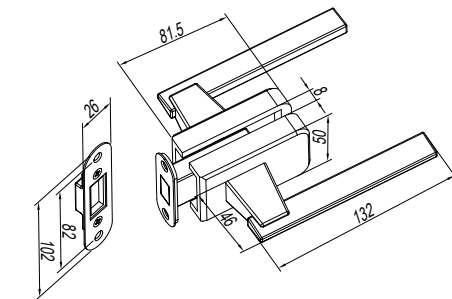
KMS51340 Door lock



Technical Parameter

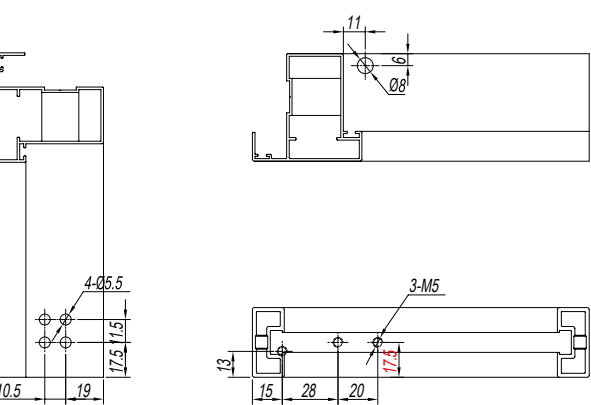
35,45 narrow frame swing door suitable for two-way opening
Applicable glass thickness: 8mm
Main material: Aluminum alloy
Surface treatment: Black
The lock body is a magnetic suction style
Rotate the handle to unlock.
When using the slider indoors, it cannot be opened outdoors.

Dimensions

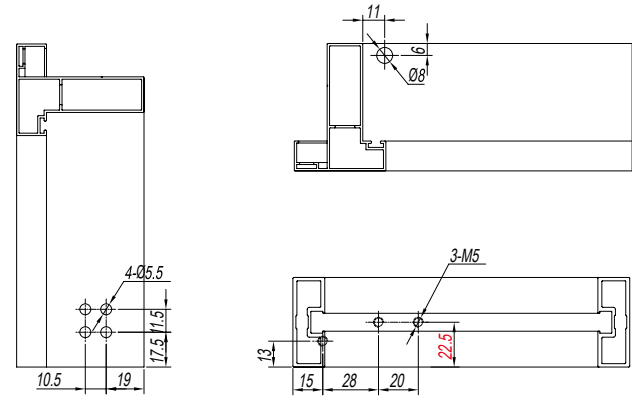


Opening Hole Drawing

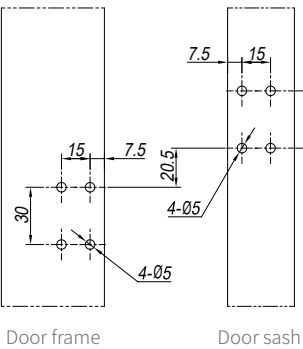
KHY61001L/R Eccentric door pivot



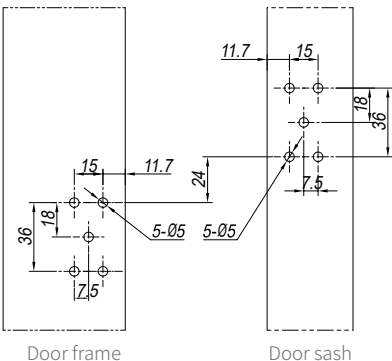
KHY61301L/R Eccentric door pivot



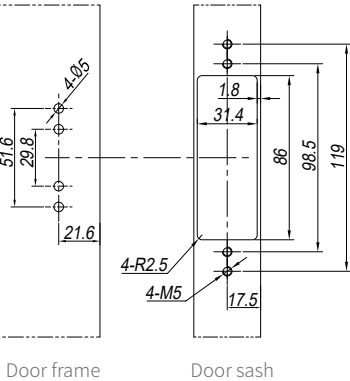
KHY62001L/R Surface mounted hinge



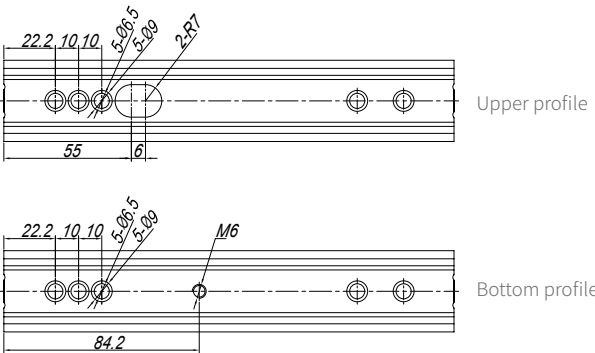
KHY62301L/R Surface mounted hinge



KHY63001 Concealed hinge

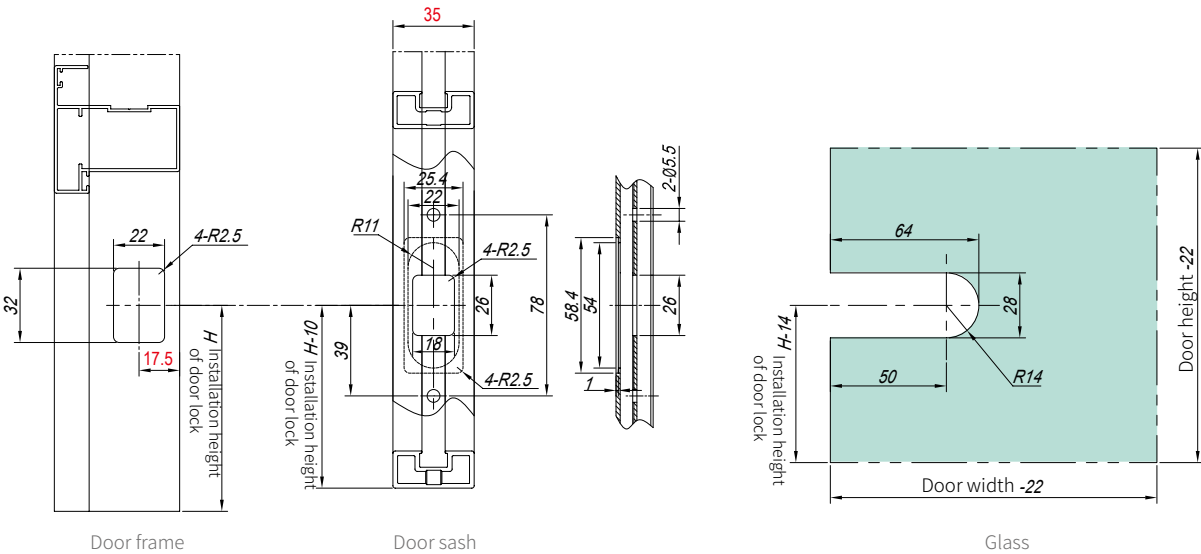


KHY64001 Top and bottom hinge shaft



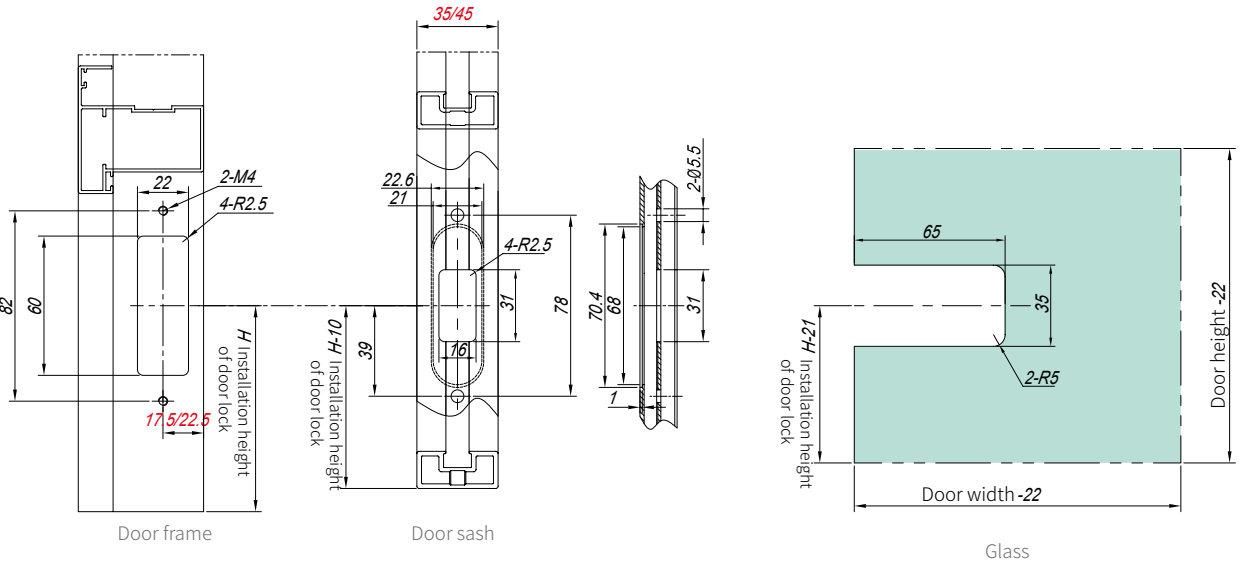
Opening Hole Drawing

KMS51310、KMS51320 Door lock



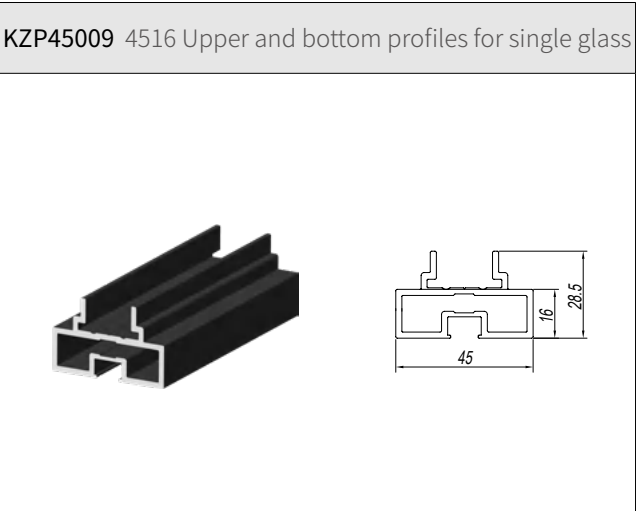
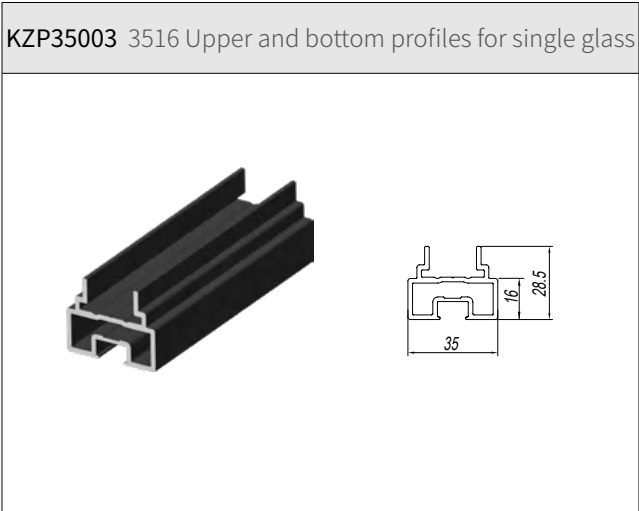
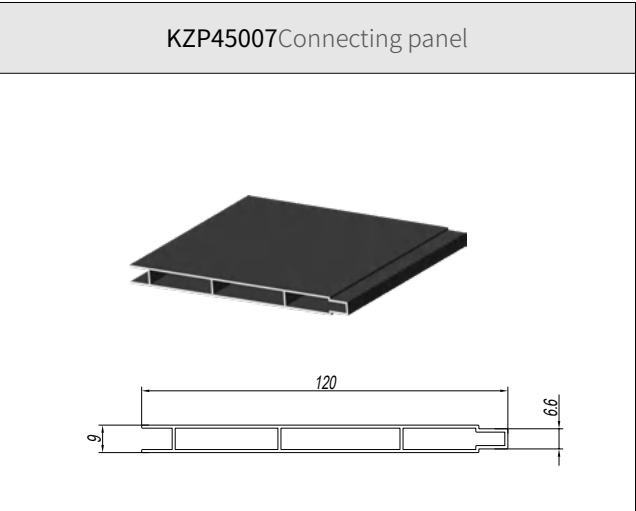
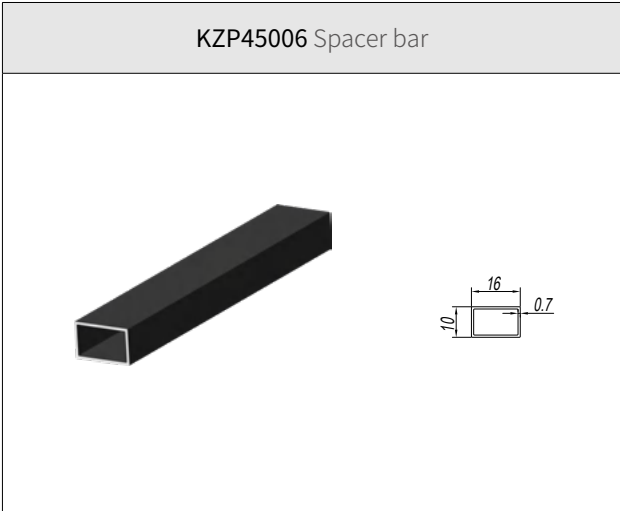
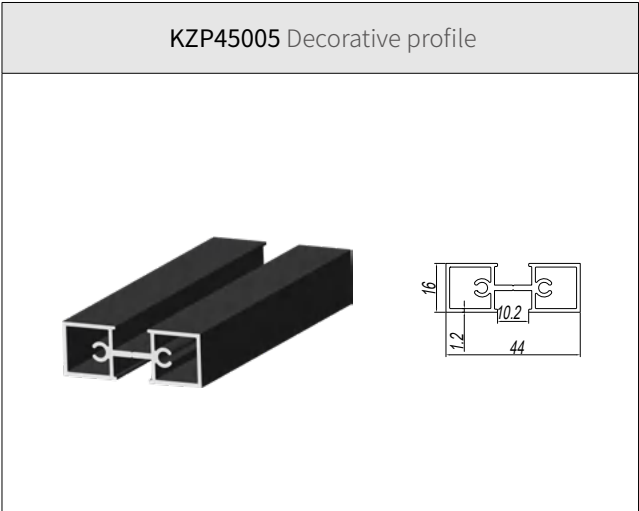
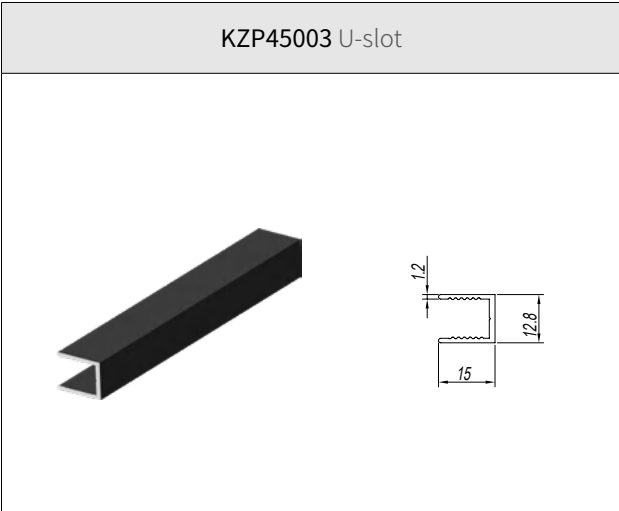
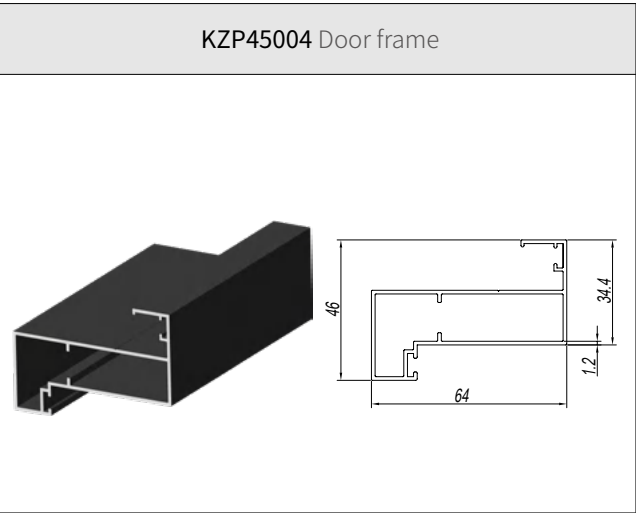
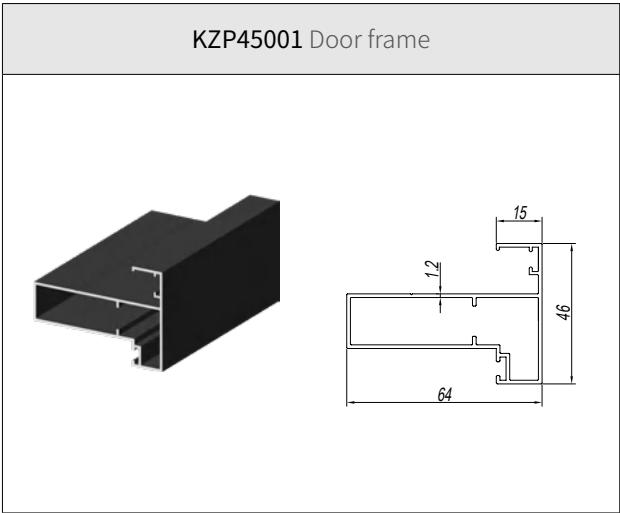
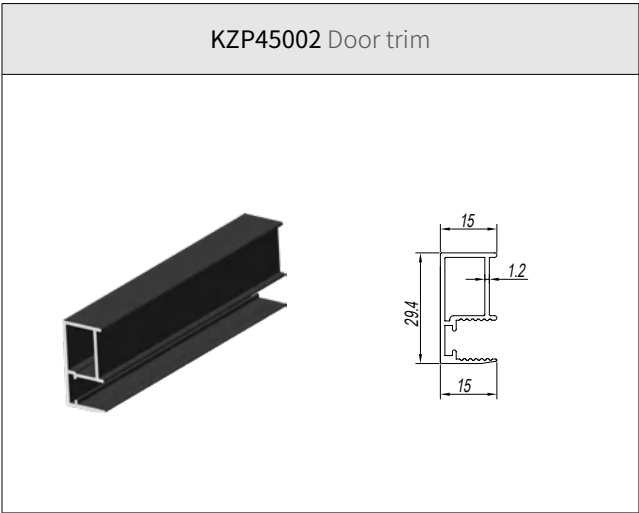
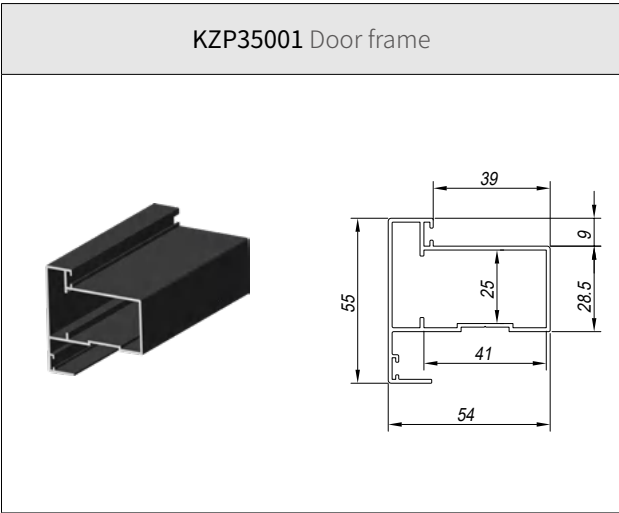
Note: Suitable for 35 narrow frame profiles

KMS51330、KMS51340 Door lock



Note:
When used for 35 narrow frame profiles, the door frame opening size is 17.5mm
When used for 45 narrow frame profiles, the door frame opening size is 22.5mm

Narrow Frame Swing Door Hardware Accessories



09

Sliding door system



Application scenarios



Residential



Hotel



Hospital



Factory



schools



Shopping plaza

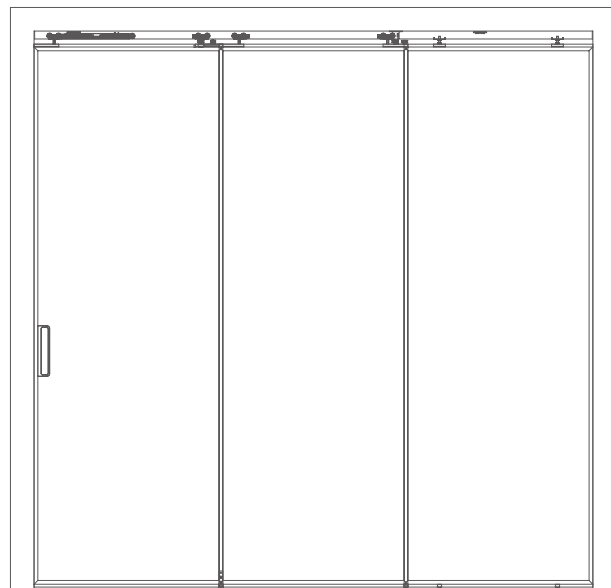


office space



Others

Aluminum narrow frame sliding door accessories

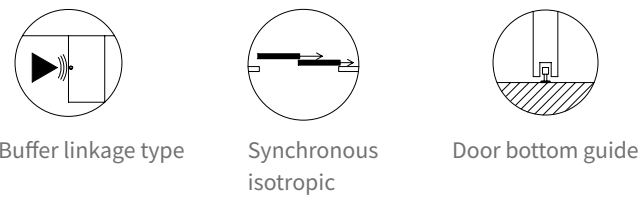


Three fans push each other aluminum narrow frame sliding door accessories KYN6003LD



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	Buffer type	Three fans push each other
Door height	≤2600mm	Applicable door type	3 Linkage

Main Material

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



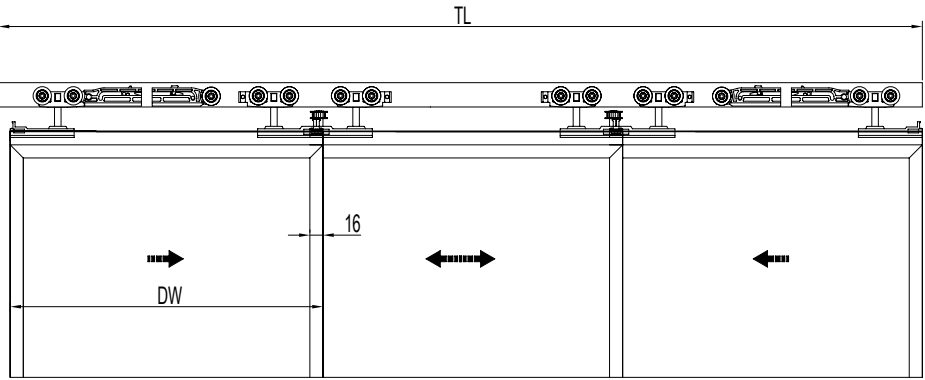
Standard configuration (A 45mm door thick fitting is shown)

Model	Accessory name	Accessory pictures	Quantity	Accessory name	Accessory pictures	Quantity
KYN6003LD	Buffer hanging wheel		2	Hanging wheel		4
	Adjustable mounting		4	Linkage belt fixing clamp		2
	Short guide wheel		2	Anti-swing wheel assembly		2
	Buffer block		4	Belt		1

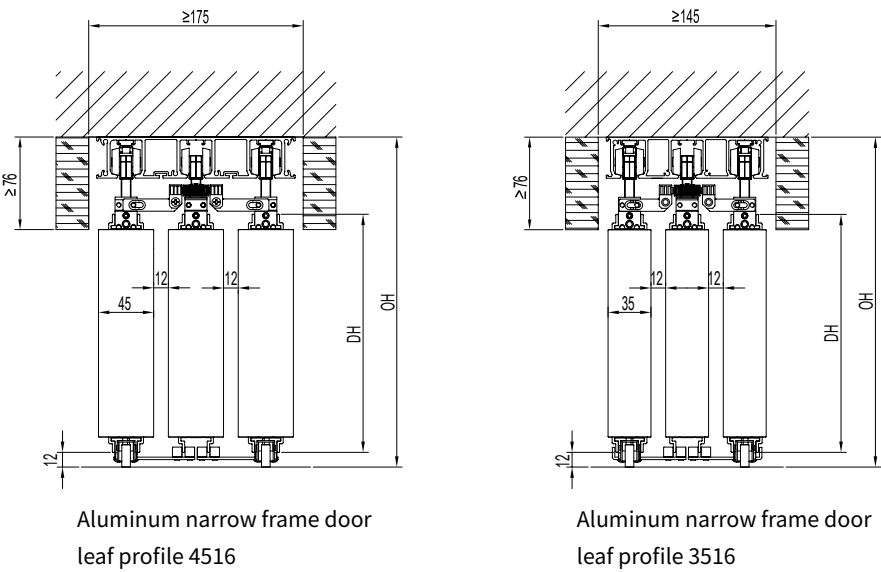
Matching track

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-75
DW=(OW+16*2)/3
TL=OW-5

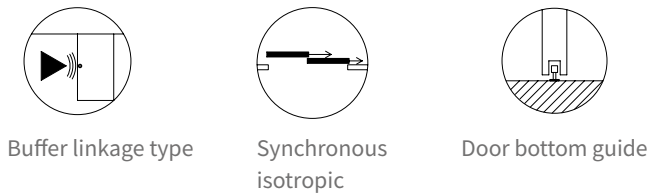
Product Configuration Table

Door thickness	Accessory name	Model	Quantity	Remark	Common configuration type	
45mm	Three fans push each other aluminum narrow frame sliding door accessories	KYN6003LD (45)	1set		Off state	
	Three rows of hanging rails	KYN91019	1root			
	Sliding door handle	KLS94503	2pair	Optional accessories (See P309)		
35mm	Three fans push each other aluminum narrow frame sliding door accessories	KYN6003LD (35)	1set		Open state	
	Three rows of hanging rails	KYN91023	1root			
	Sliding door handle	KLS94504A	2pair	Optional accessories (See P309)		

Aluminum narrow Frame Linkage Sliding Door Accessories KYN6120LD

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

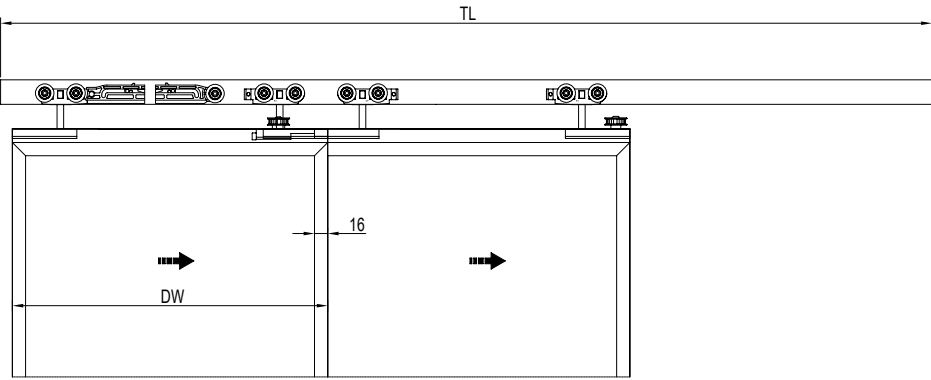
Standard configuration (A 45mm door thick fitting is shown)

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			

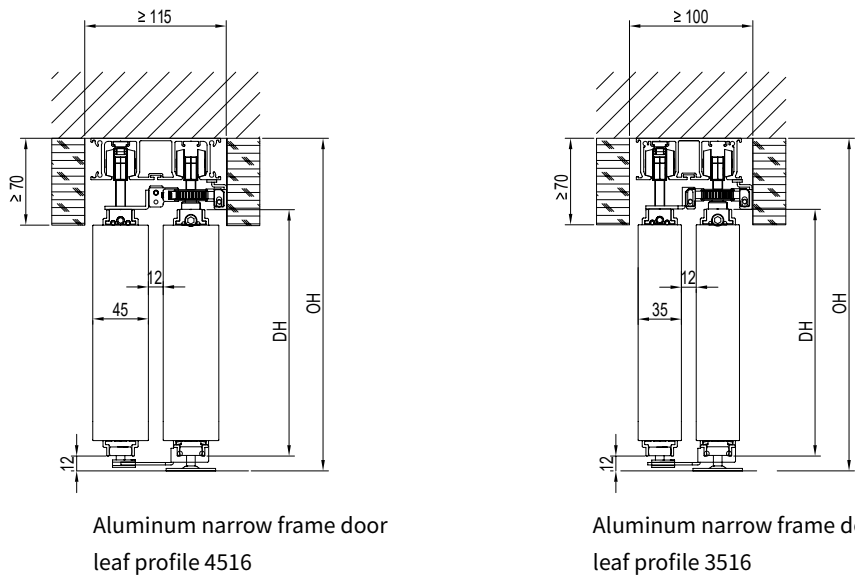
Matching track

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

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

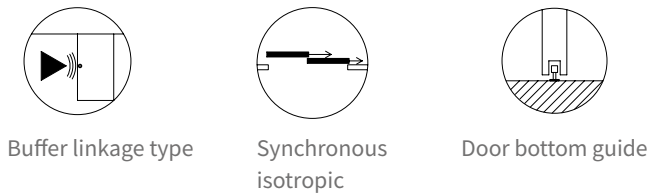
Product Configuration Table

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 P309)		
35mm	Aluminum narrow frame linkage sliding door accessories	KYN6120LD	1 set		Open state	
	Double row hanging rail	KYN91022	1 root			
	Sliding door handle	KLS94504A	1pair	Optional accessories (See P309)		

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

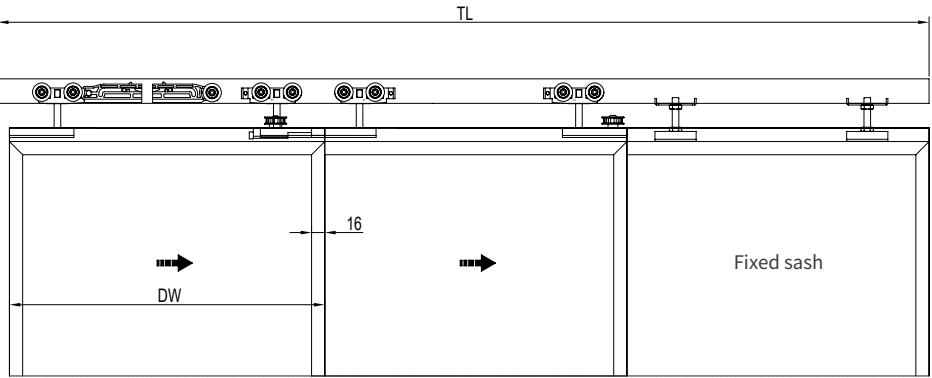
Standard configuration (A 45mm door thick fitting is shown)

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

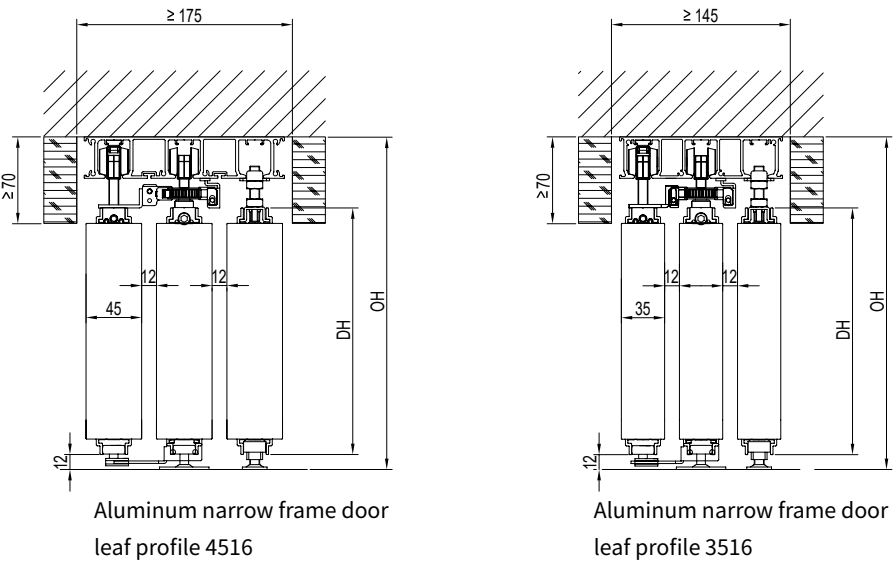
Matching track

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

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

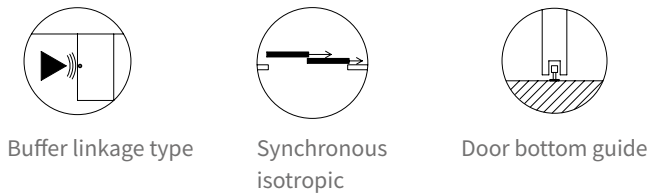
Product Configuration Table

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 P309)		
35mm	Aluminum narrow frame linkage sliding door accessories	KYN6121LD	1 set		Open state	
	Three rows of hanging rails	KYN91023	1 root			
	Sliding door handle	KLS94504A	1pair	Optional accessories (See P309)		

Aluminum narrow Frame Linkage Sliding Door Accessories KYN6130LD

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

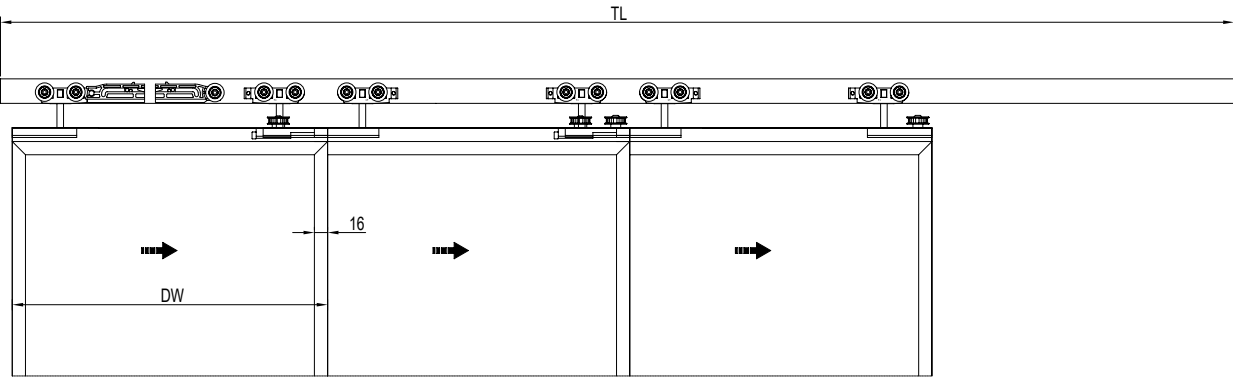
Standard configuration (A 45mm door thick fitting is shown)

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			

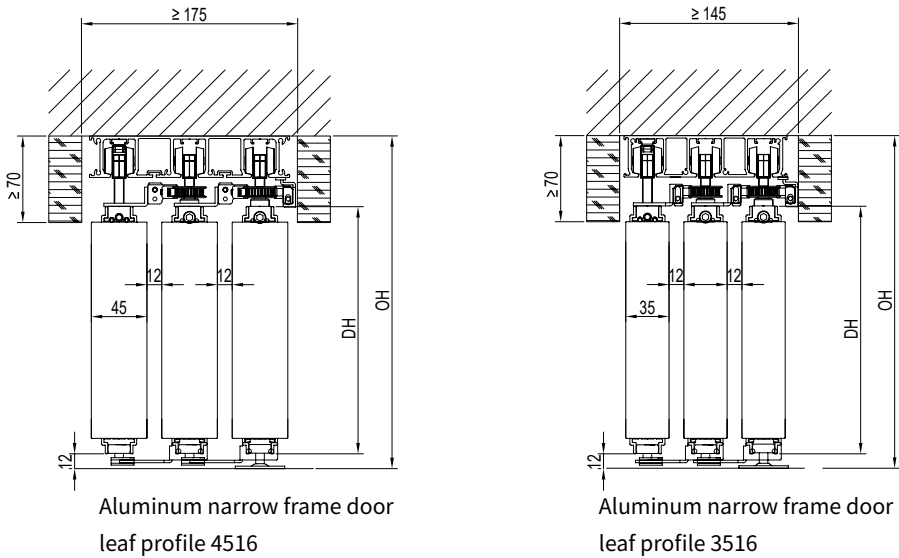
Matching track

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*3)/4
TL=OW-5

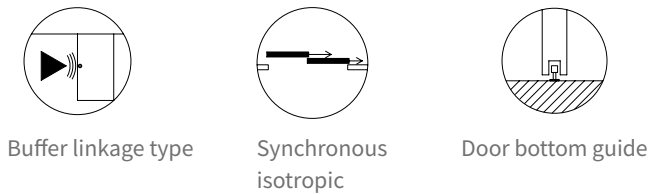
Product Configuration Table

Door thickness	Accessory name	Model	Quantity	Remark	Common configuration type	
					Off state	Open state
45mm	Aluminum narrow frame linkage sliding door accessories	KYN6130LD	1 set			
	Three rows of hanging rails	KYN91019	1 root			
	Sliding door handle	KLS94503	1pair	Optional accessories (See P309)		
35mm	Aluminum narrow frame linkage sliding door accessories	KYN6130LD	1 set			
	Three rows of hanging rails	KYN91023	1 root			
	Sliding door handle	KLS94504A	1pair	Optional accessories (See P309)		

Aluminum narrow Frame Linkage Sliding Door Accessories KYN6131LD

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+1 Linkage

Main Material

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

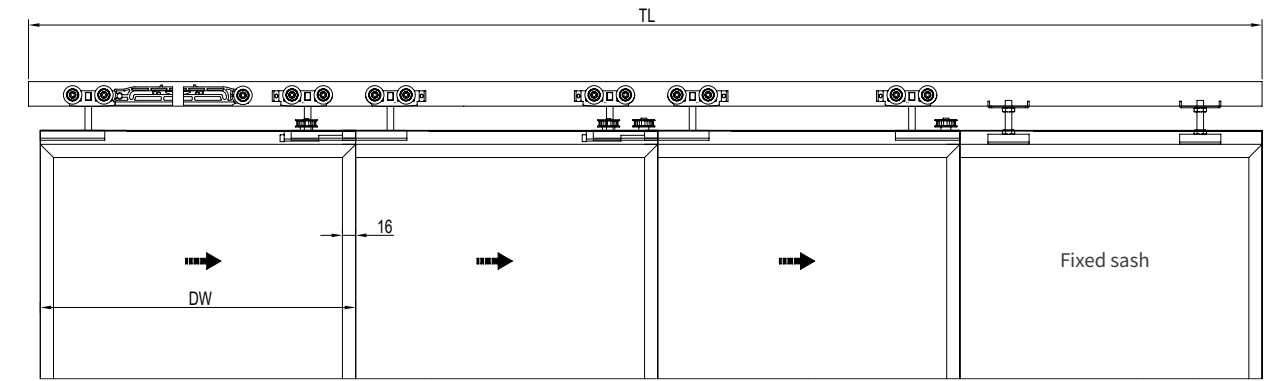
Standard configuration (A 45mm door thick fitting is shown)

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

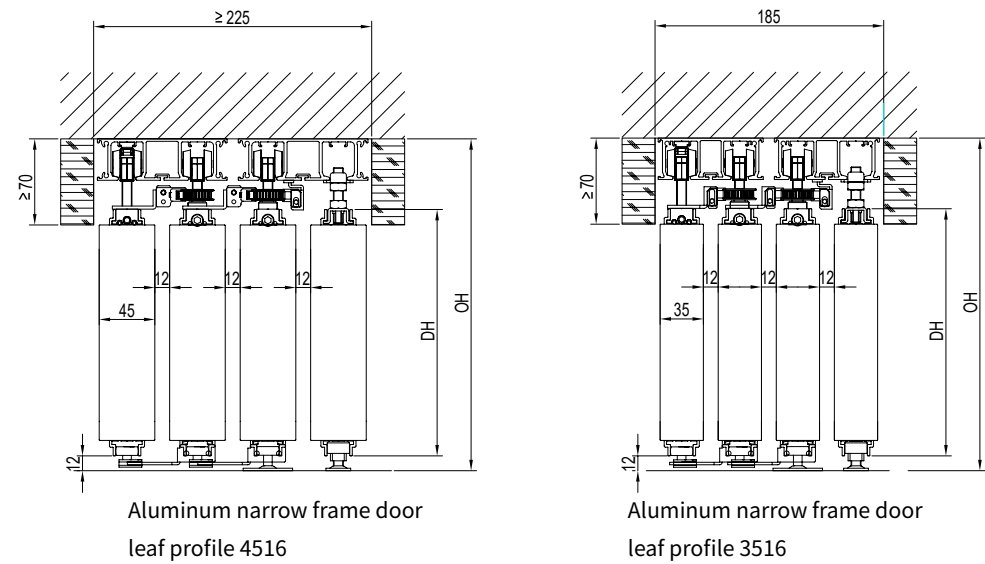
Matching track

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*3)/4

TL=OW-5

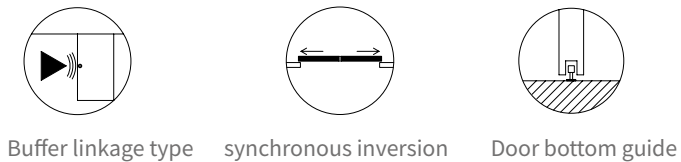
Product Configuration Table

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	2roots			
	Sliding door handle	KLS94503	1pair	Optional accessories (See P309)		
35mm	Aluminum narrow frame linkage sliding door accessories	KYN6131LD	1 set		Open state	
	Double row hanging rail	KYN91022	2roots			
	Sliding door handle	KLS94504A	1pair	Optional accessories (See P309)		

Aluminum narrow Frame Linkage Sliding Door Accessories KYN6122LD

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 inversion
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



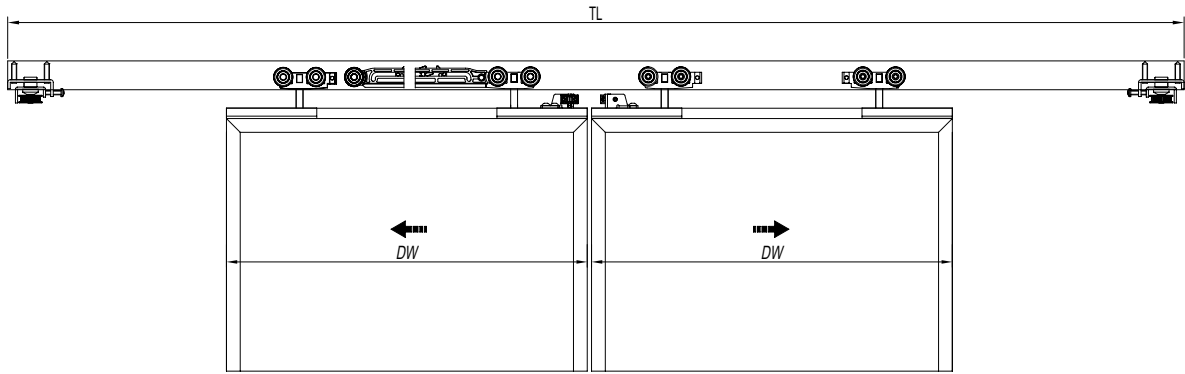
Standard configuration (A 45mm door thick fitting is shown)

Model	Accessory name	Accessory pictures	Quantity	Accessory name	Accessory pictures	Quantity
KYN6122LD	Buffer hanging wheel		1	Hanging wheel		3
	Adjustable mounting		4	Linkage belt fixing clamp		2
	Synchronous belt pulley fixing kit		2	Door bottom guide		2
	Buffer block		2	Belt		2

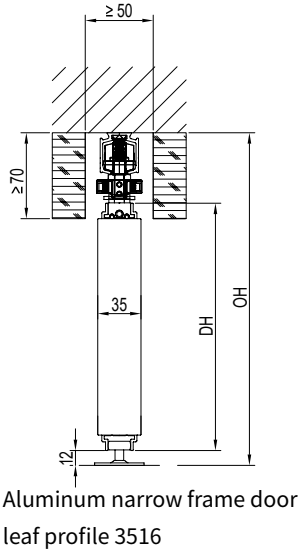
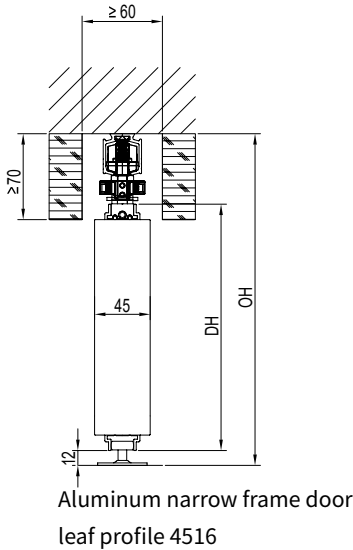
Matching track

Model	Product Image	Dimensions	Remark
KYN91010			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



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)/4
TL=OW-5

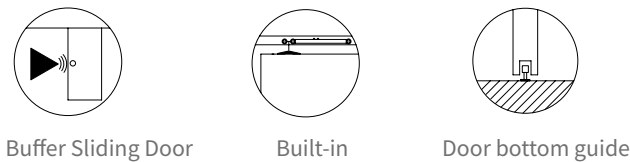
Product Configuration Table

Door thickness	Accessory name	Model	Quantity	Remark	Common configuration type	
45mm	Aluminum narrow frame linkage sliding door accessories	KYN6122LD	1 set		Off state	
	hanging rail	KYN91010	1root			
	Sliding door handle	KLS94503	2pairs	Optional accessories (See P309)		
35mm	Aluminum narrow frame linkage sliding door accessories	KYN6122LD	1 set		Open state	
	hanging rail	KYN91010	1root			
	Sliding door handle	KLS94504A	2pairs	Optional accessories (See P309)		

Aluminum narrow Buffer Sliding Door Accessories KYN8220HD

Applicable door weigh 80Kg

Sliding door function diagram

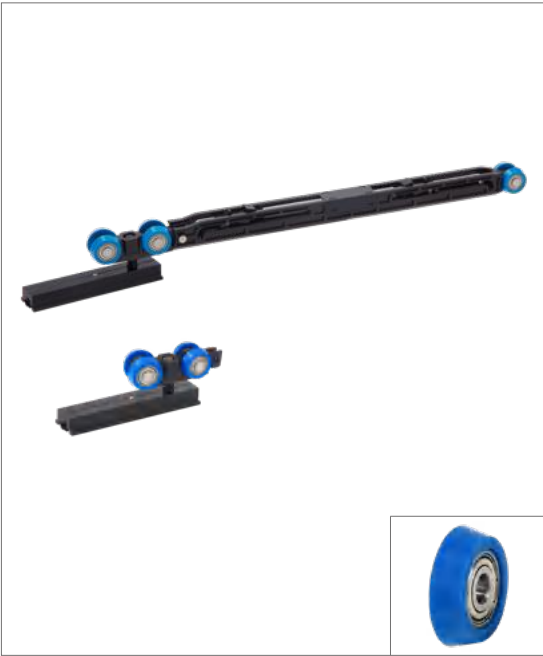


Technical Parameters

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



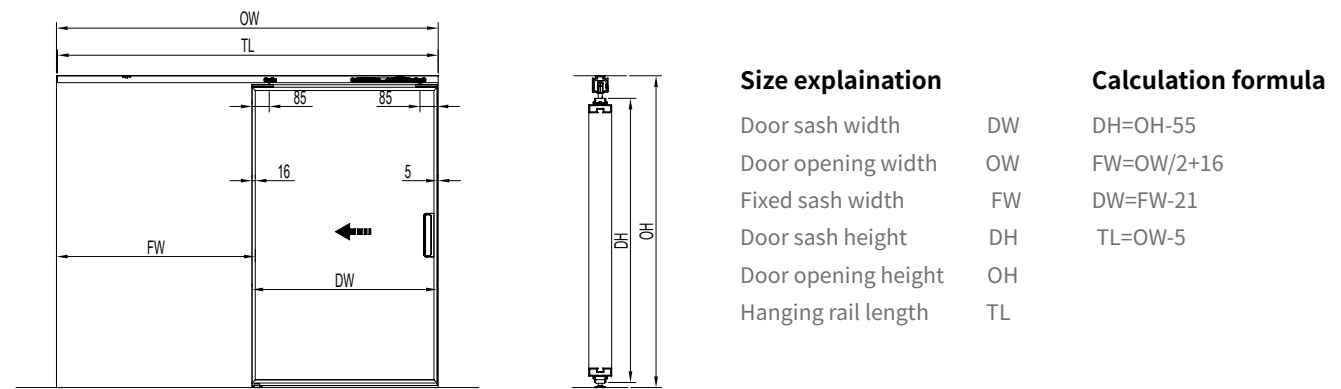
Sliding door accessories (Single door))

Model	Accessories name	Accessories picture	Quantity
KYN8220HD	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

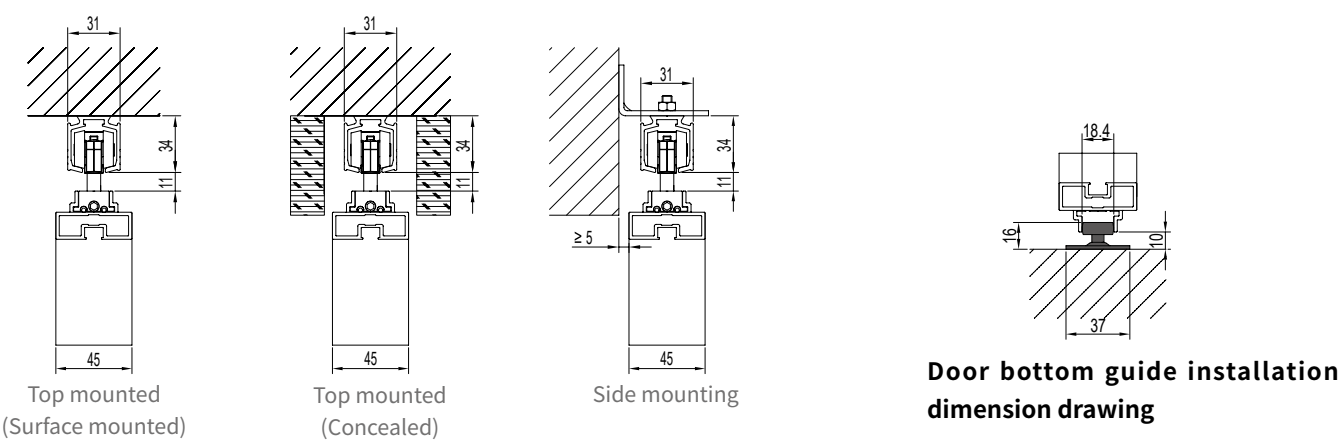
Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91010			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

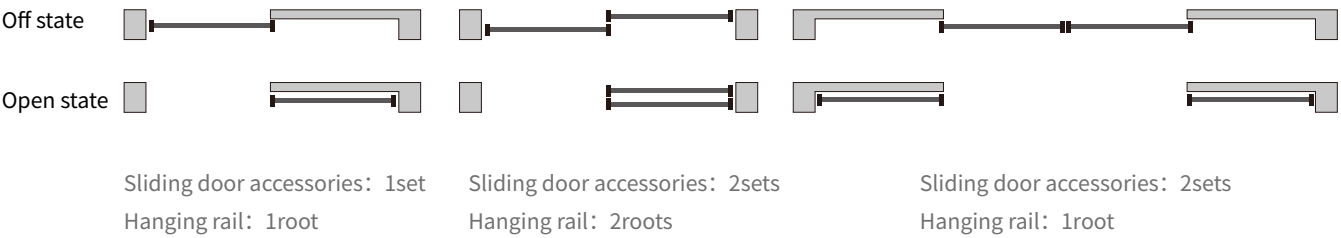
Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel



Common configuration type



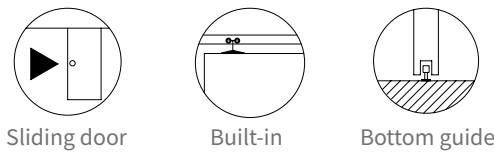
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Aluminum Narrow Buffer Sliding Door Accessories	KYN8220HD	1Set	
Hanging rail	KYN91010	1root	
Sliding door handle	KLS94504A	1pair	Optional accessories See P309
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

Aluminum narrow Frame Sliding Door Accessories KYN8110D

Applicable door weight 60Kg

Sliding door function diagram



Technical Parameters

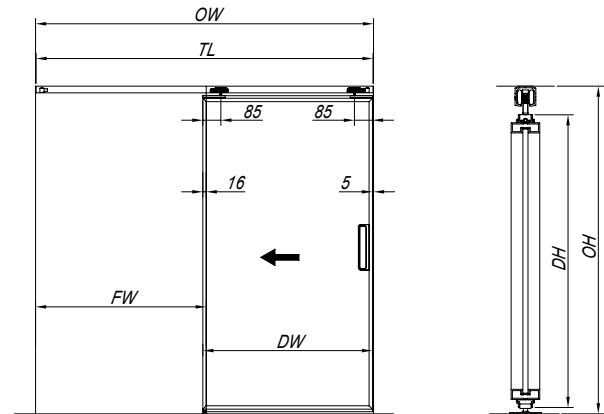
Door weight	≤60Kg
Door thicknes	35、40、45mm
Door height	≤2300mm
Height adjustment	±3mm

Main Material

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

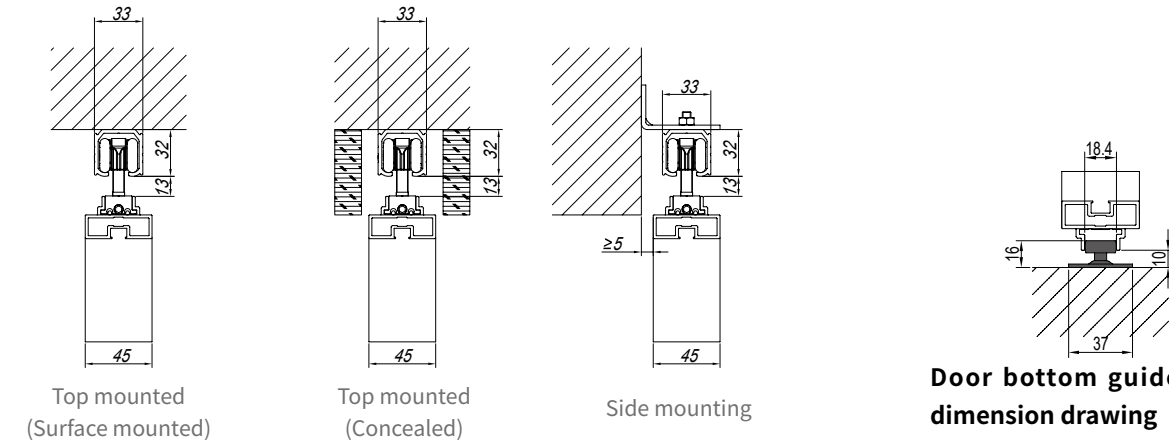


Installation diagram



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



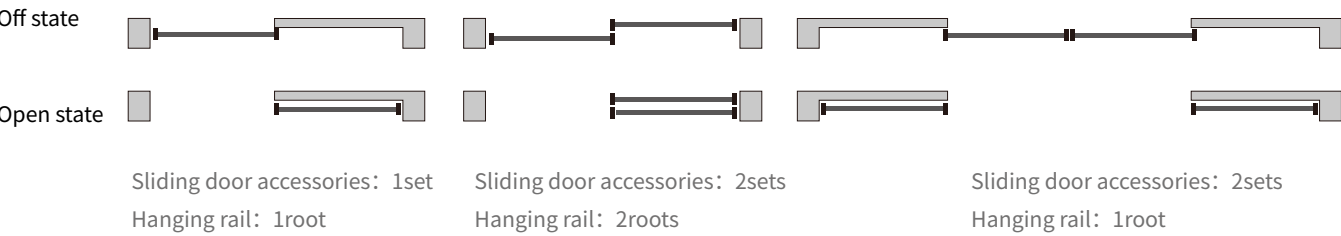
Sliding door accessories (Single door))

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

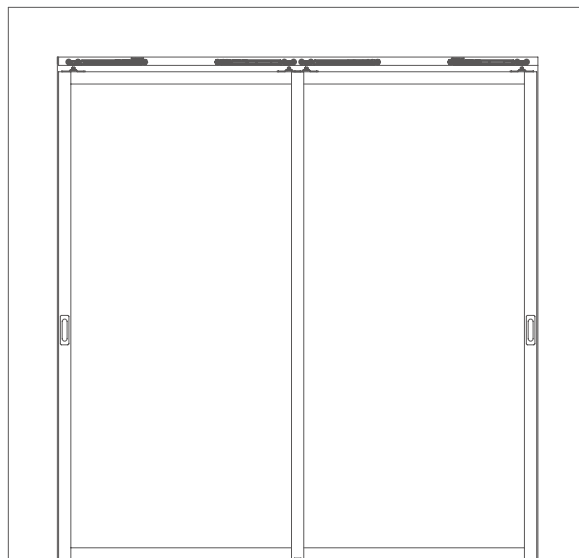
Common configuration type



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	KLS94504A	1pair	Select accessories (See P309)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail) See P312

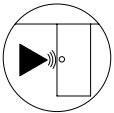
Wood Sliding Door Accessories



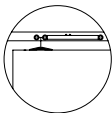
Wood Buffer Sliding Door Accessories KYN8220HA

Applicable door weigh 80Kg

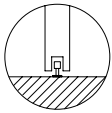
Sliding door function diagram



Buffer Sliding Door



Built-in



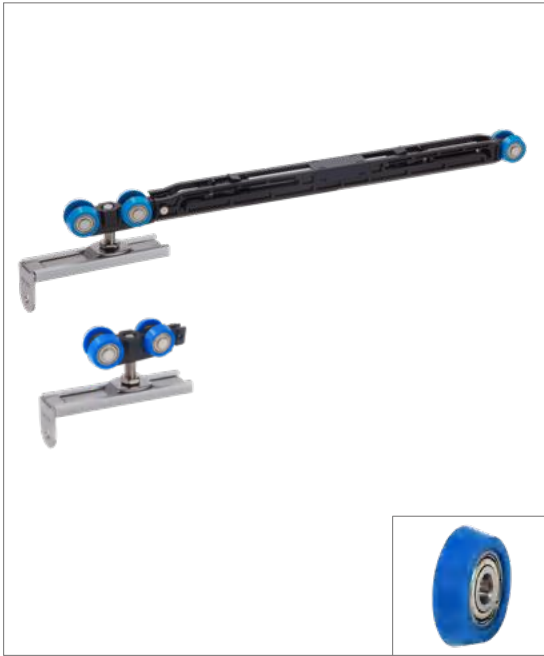
Door bottom guide

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



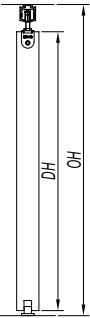
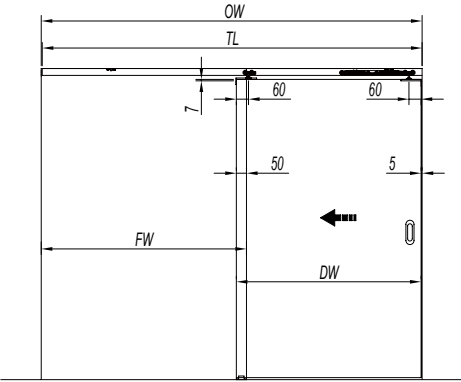
Sliding door accessories (Single door))

Model	Accessories name	Accessories picture	Quantity
KYN8220HA	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91010			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



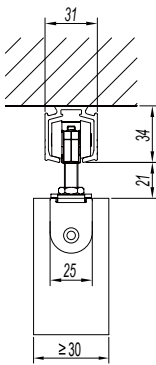
Size explanation

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

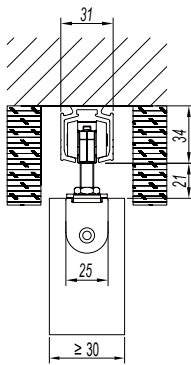
Calculation formula

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

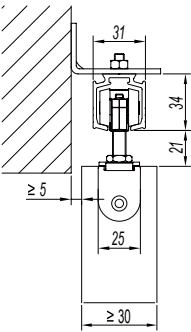
Installation Diagram for Hanging Rail and Hanging Wheel (Slotted installation)



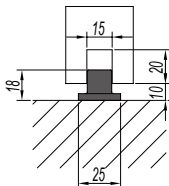
Top mounted
(Surface mounted)



Top mounted
(Concealed)



Side mounting



Door bottom guide installation
dimension drawing

Common configuration type

Off state			
Open state			
	Sliding door accessories: 1set Hanging rail: 1root	Sliding door accessories: 2sets Hanging rail: 2roots	Sliding door accessories: 2sets Hanging rail: 1root

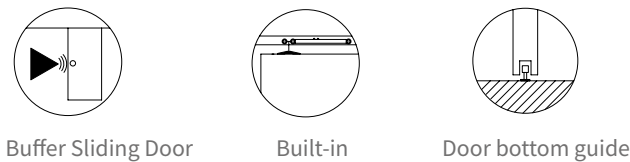
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8220HA	1Set	
Hanging rail	KYN91010	1root	
Flush pull	KLS935 series	1pair	Optional accessories See P308
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

Wood Buffer Sliding Door Accessories KYN8220HB

Applicable door weigh 80Kg

Sliding door function diagram



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
Lifting brackets	Stainless Steel
Door bottom guide	Nylon
Hanging rail	Aluminum alloy



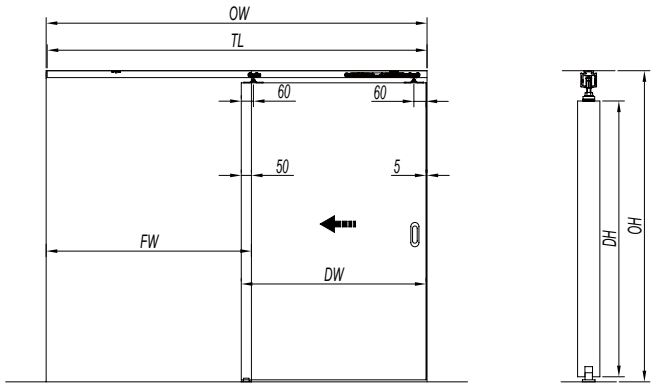
Sliding door accessories (Single door))

Model	Accessories name	Accessories picture	Quantity
KYN8220HB	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

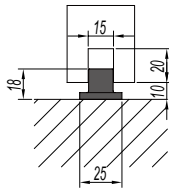
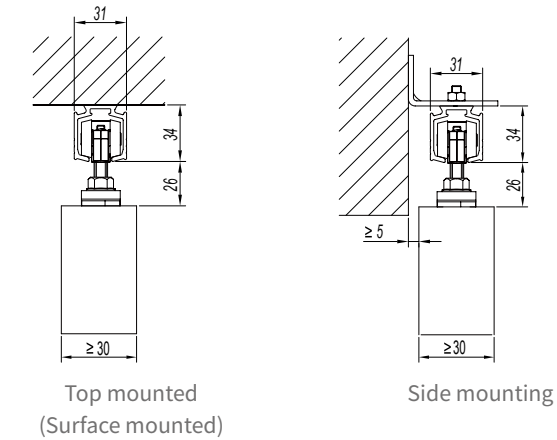
Model	Product Picture	Dimensions	Remark
KYN91010			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram



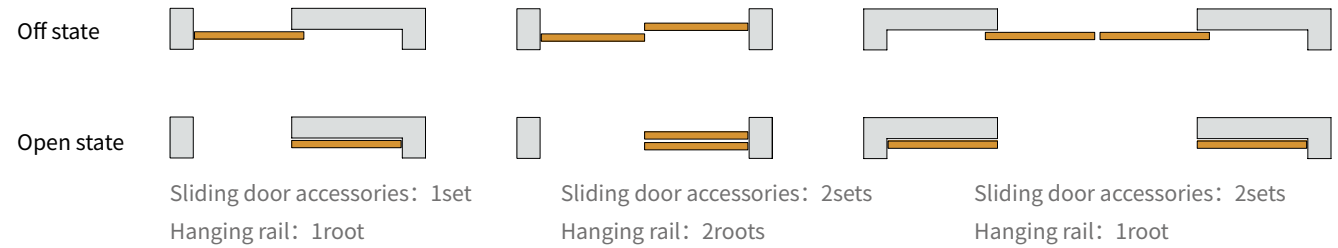
Size explanation		Calculation formula
Door sash width	DW	DH=OH-70
Door opening width	OW	FW=OW/2+50
Fixed sash width	FW	DW=FW-55
Door sash height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

Common configuration type



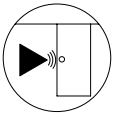
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8220HB	1Set	
Hanging rail	KYN91010	1root	
Flush pull	KLS935 series	1pair	Optional accessories See P308
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

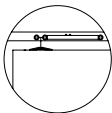
Wood Buffer Sliding Door Accessories KYN8402HA



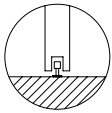
Sliding door function diagram



Buffer Sliding Door



Built-in



Door bottom guide

Technical Parameters

Door weight	≤100-120Kg
Applicable door thickness	≥30mm
Applicable door width	≥900mm
Applicable door height	≤2600mm
Height adjustment	±3mm
Buffer type	Two-way buffering

Main Material

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



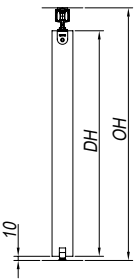
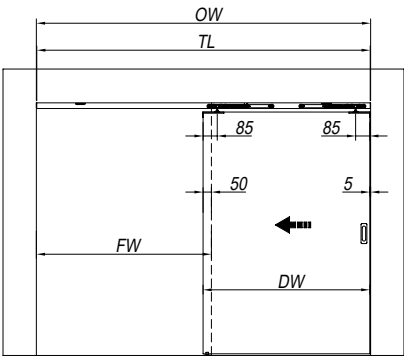
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8402HA	Buffer hanging wheel assembly		2
	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

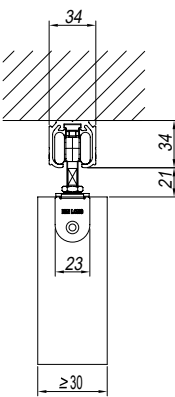
Installation diagram



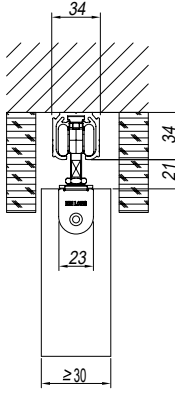
Size explanation

Door sash width	DW	DH=OH-65 (Slotted installation)
Door opening width	OW	
Fixed sash width	FW	DH=OH-72(Unslotted installation)
Door sash height	DH	
Door opening height	OH	FW=OW/2+50
Hanging rail length	TL	DW=FW-55
		TL=OW-5

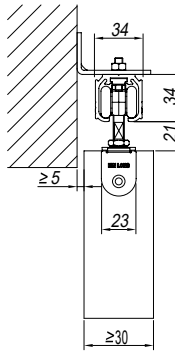
Installation Diagram for Hanging Rail and Hanging Wheel (Slotted installation)



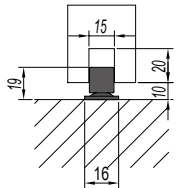
Top mounted
(Surface mounted)



Top mounted
(Concealed)



Side mounting



Door bottom guide installation
dimension drawing

Common configuration type

Off state			
Open state			
	Sliding door accessories: 1set Hanging rail: 1root	Sliding door accessories: 2sets Hanging rail: 2roots	Sliding door accessories: 2sets Hanging rail: 1root

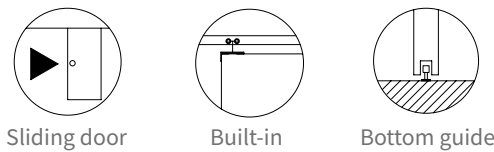
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8402HA	1Set	
Hanging rail	KYN91013	1root	
Flush pull	KLS935 series	1pair	Optional accessories See P308
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

Wood Frame Sliding Door Accessories KYN8110A

Applicable door weight 60Kg

Sliding door function diagram



Technical Parameters

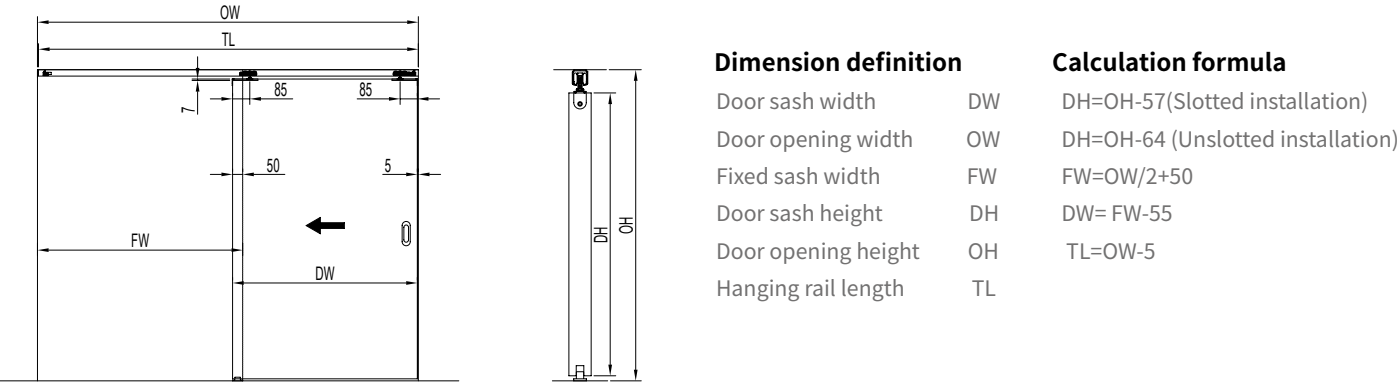
- Door weight ≤60Kg
- Door thickness ≥30mm
- Door height ≤2300mm
- Height adjustment ±3mm

Main Material

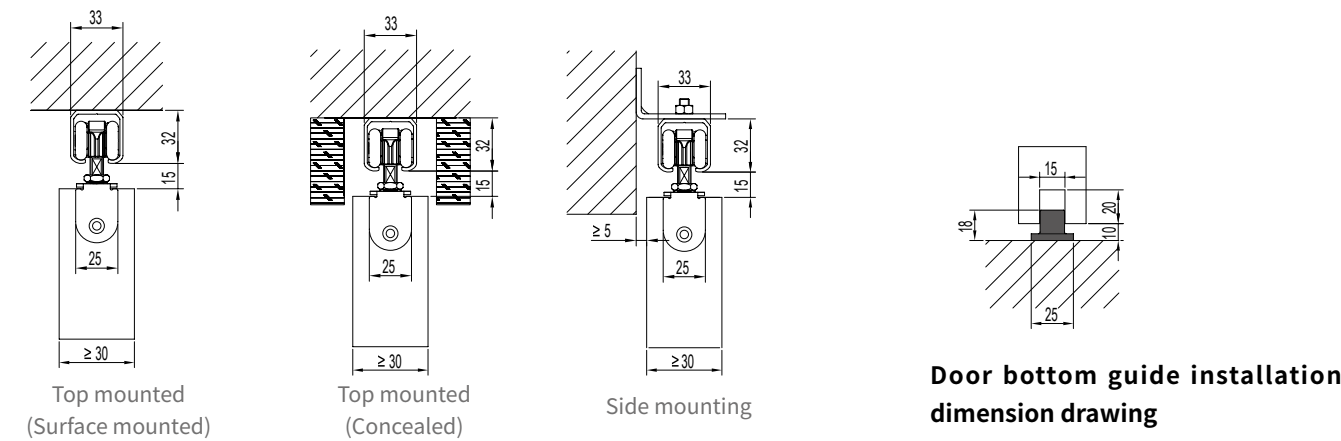
- Hanging wheel main body High strength engineering plastics
- Side mounting bracket Stainless Steel
- Fixed plate Aluminum alloy
- Door bottom guide Nylon
- Hanging rail Aluminum alloy



Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel



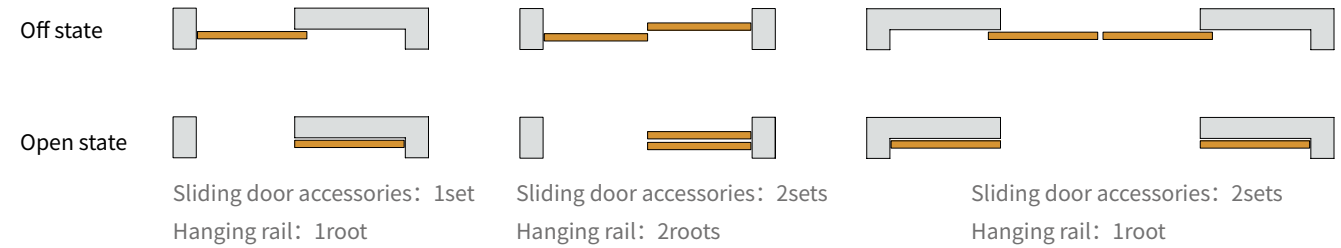
Sliding door accessories (Single door)

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



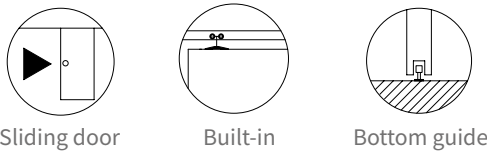
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8110A	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS935 series	1pair	Select accessories See P308
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail) See P312

Wood Frame Sliding Door Accessories KYN8110B

Applicable door weight 60Kg

Sliding door function diagram



Technical Parameters

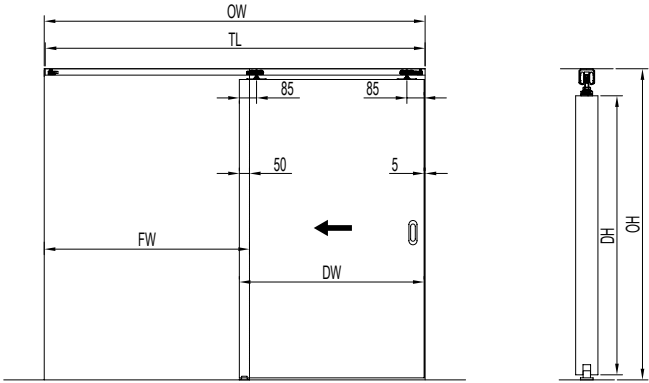
- Door weight ≤60Kg
- Door thickness ≥30mm
- Door height ≤2300mm
- Height adjustment ±3mm

Main Material

- Hanging wheel main body High strength engineering plastics
- Lifting bracket Stainless Steel
- Door bottom guide Nylon
- Hanging rail Aluminum alloy

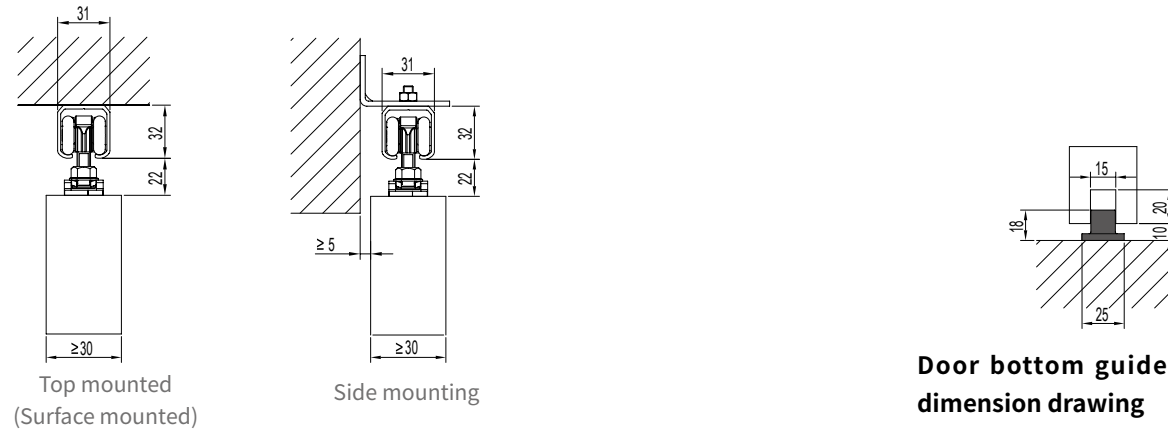


Installation diagram



Dimension definition		Calculation formula
Door sash width	DW	DH=OH-64
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



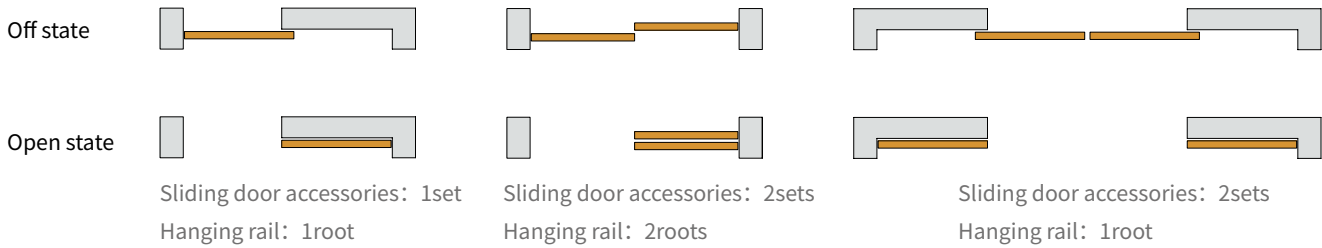
Sliding door accessories (Single door))

Model	Accessories name	Accessories picture	Quantity
KYN8110B	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)

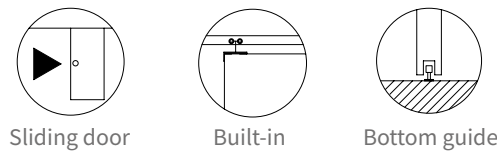
Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8110B	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS935 series	1pair	Optional accessories See P308
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

Wood Frame Sliding Door Accessories KYN8330A

Applicable door weight 100Kg



Sliding door function diagram



Technical Parameters

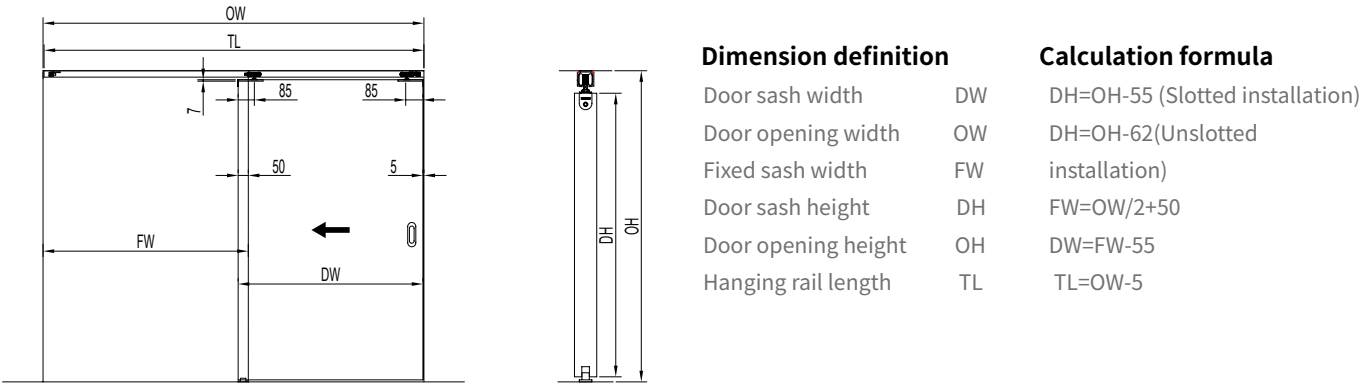
Door weight	≤100Kg
Door thickness	≥30mm
Door height	≤2500mm
Height adjustment	±3mm

Main Material

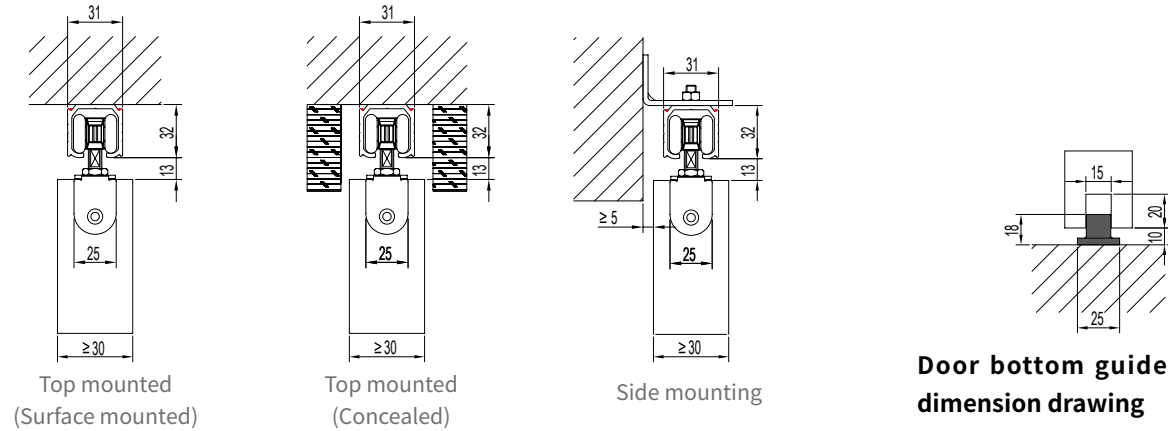
Hanging wheel main body	Zinc alloy
Side mounting bracket	Stainless Steel
Fixed plate	Aluminum alloy
Door bottom guide	Nylon
Hanging rail	Aluminum alloy



Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel (Slotted installation)



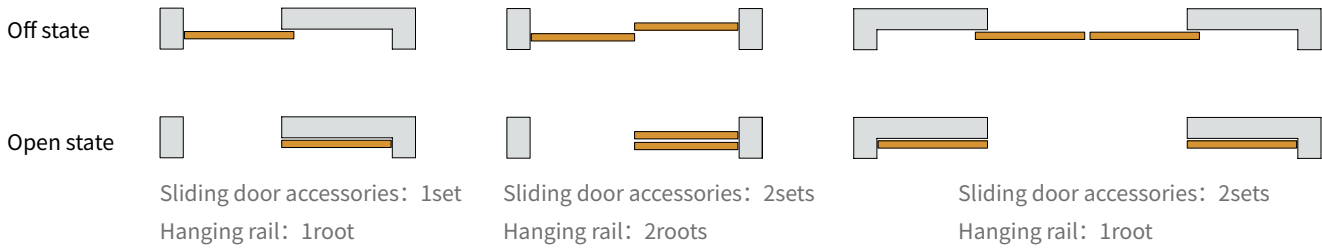
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8330A	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)

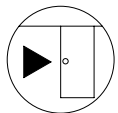
Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8330A	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS935 series	1pair	Optional accessories See P308
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

Wood Frame Sliding Door Accessories KYN8510A

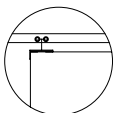


Applicable door weight 150Kg

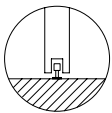
Sliding door function diagram



Sliding door



Built-in



Bottom guide

Technical Parameters

Door weight	≤150Kg
Door thickness	≥35mm
Door height	≤2700mm
Height adjustment	±3mm

Main Material

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



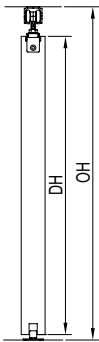
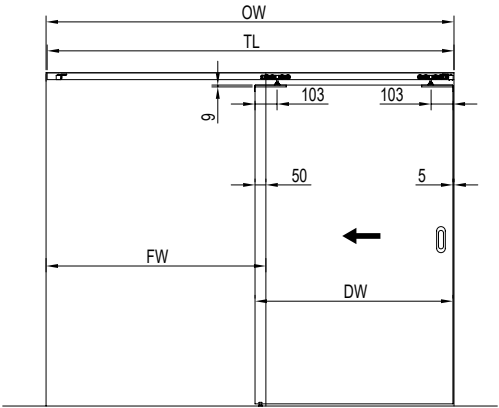
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8510A	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



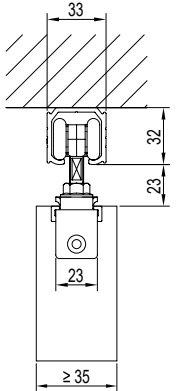
Dimension definition

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

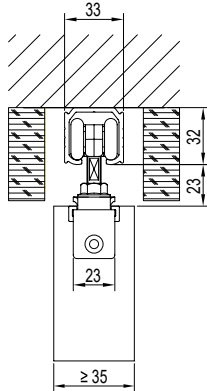
Calculation formula

DH=OH-65 (Slotted installation)
DH=OH-73(Unslotted installation)
FW=OW/2+50
DW=FW-55
TL=OW-5

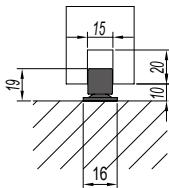
Installation Diagram for Hanging Rail and Hanging Wheel (Slotted installation)



Top mounted
(Surface mounted)



Top mounted
(Concealed)



Door bottom guide installation
dimension drawing

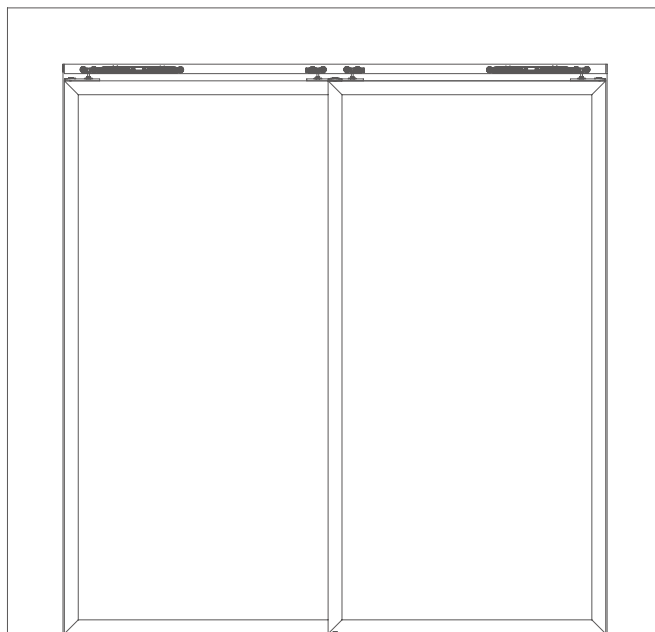
Common configuration type

Off state			
Open state			
	Sliding door accessories: 1set Hanging rail: 1root	Sliding door accessories: 2sets Hanging rail: 2roots	Sliding door accessories: 2sets Hanging rail: 1root

Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Sliding Door Accessories	KYN8510A	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS935 series	1pair	Optional accessories See P308

Metal Frame Sliding Door Accessories



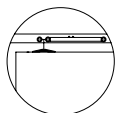
Metal Frame Buffer Sliding Door Accessories KYN8220HN

Applicable door weigh 80Kg

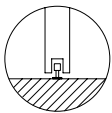
Sliding door function diagram



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



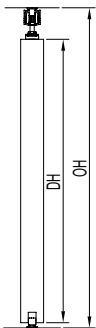
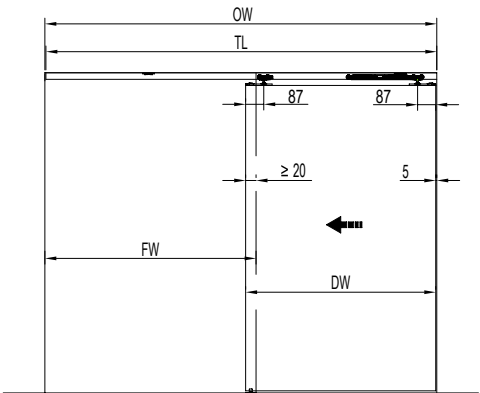
Sliding door accessories (Single door))

Model	Accessories name	Accessories picture	Quantity
KYN8220HN	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

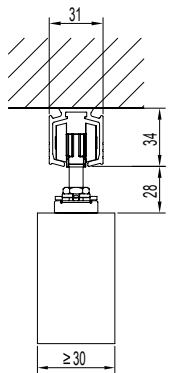
Model	Product Picture	Dimensions	Remark
KYN91010			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram

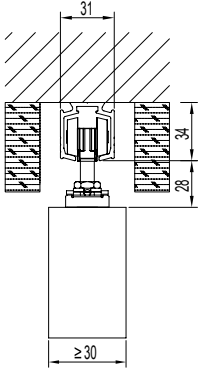


Size explanation		Calculation formula
Door sash width	DW	DH=OH-72
Door opening width	OW	FW=OW/2+20
Fixed sash width	FW	DW=FW-25
Door sash height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

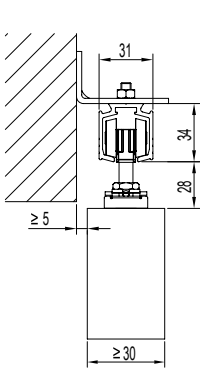
Installation Diagram for Hanging Rail and Hanging Wheel



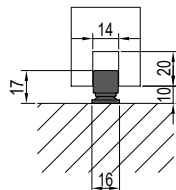
Top mounted (Surface mounted)



Top mounted (Concealed)

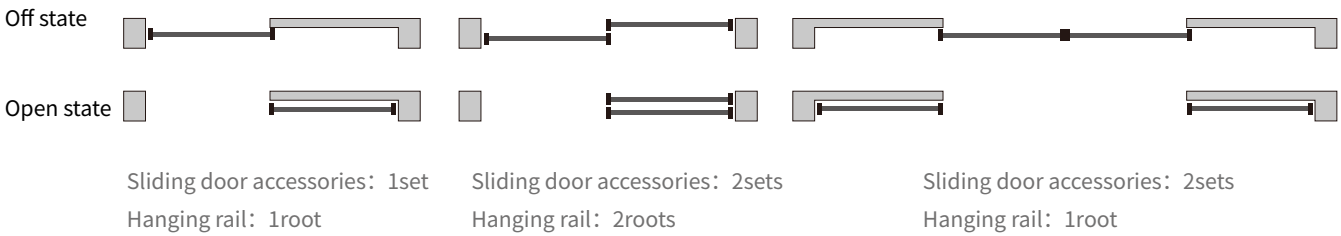


Side mounting



Door bottom guide installation dimension drawing

Common configuration type



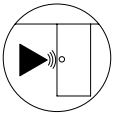
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Metal Frame Buffer Sliding Door Accessories	KYN8220HN	1Set	
Hanging rail	KYN91010	1root	
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

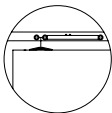
Metal Frame Buffer Sliding Door Accessories KYN8402HN



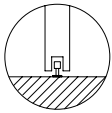
Sliding door function diagram



Buffer Sliding Door



Built-in



Door bottom guide

Technical Parameters

Door weight	≤100-120Kg
Applicable door thickness	≥30mm
Applicable door width	≥900mm
Applicable door height	≤2600mm
Height adjustment	±3mm
Buffer type	Two-way buffering

Main Material

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

Sliding door accessories (Single door))

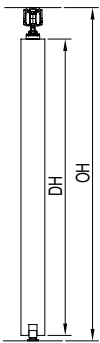
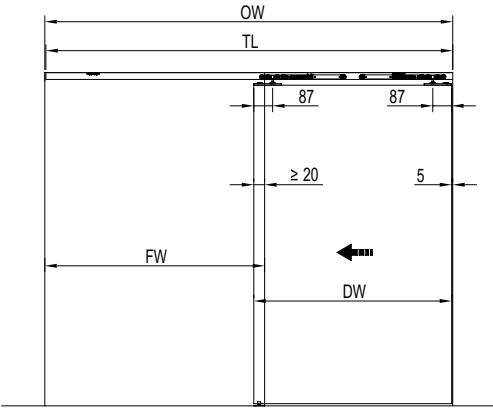
Model	Accessories name	Accessories picture	Quantity
KYN8402HN	Buffer hanging wheel assembly		2
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

型号	图片	外形尺寸	备注
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

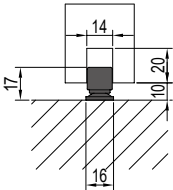
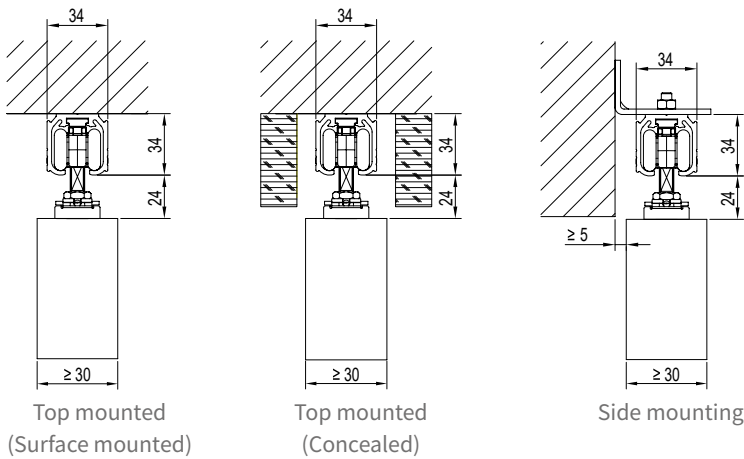


Installation diagram



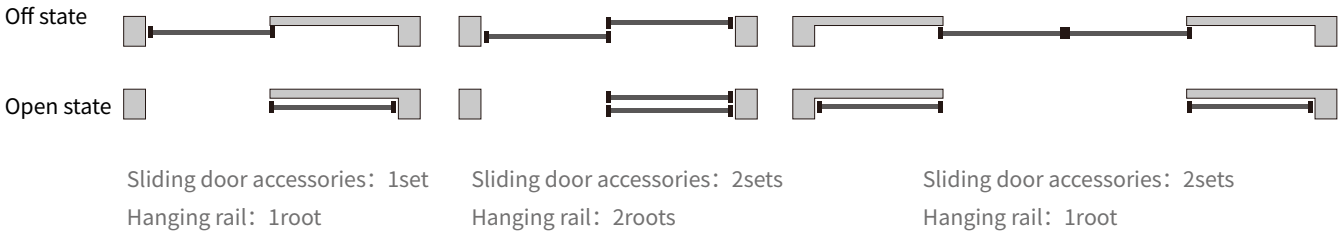
Size explanation		Calculation formula
Door sash width	DW	DH=OH-68
Door opening width	OW	FW=OW/2+20
Fixed sash width	FW	DW=FW-25
Door sash height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

Common configuration type



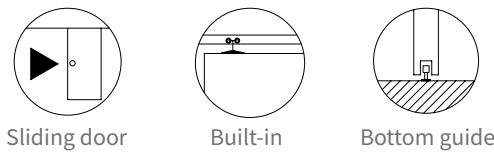
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Metal Frame Buffer Sliding Door Accessories	KYN8402HN	1Set	
Hanging rail	KYN91013	1root	
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

Metal Frame Sliding Door Accessories KYN8110N

Applicable door weight 60Kg

Sliding door function diagram



Technical Parameters

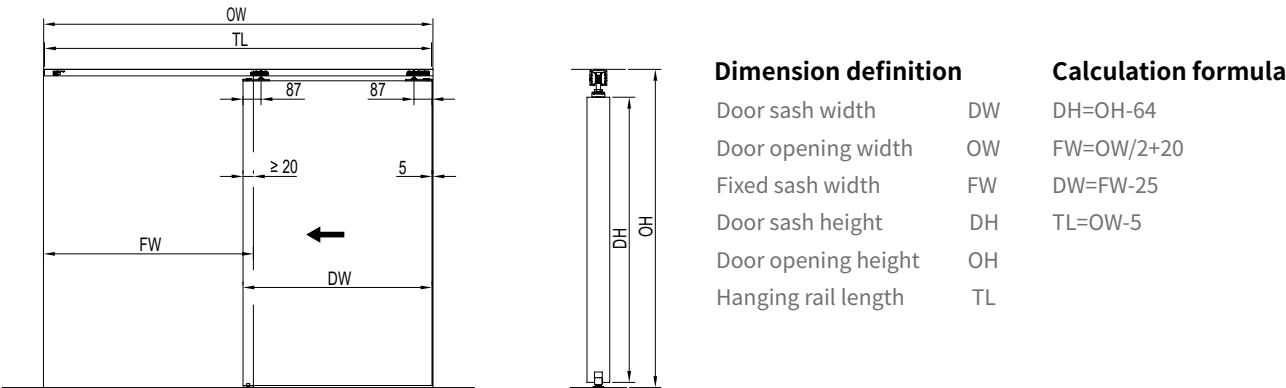
- Door weight ≤60Kg
- Door thickness ≥30mm
- Door height ≤2300mm
- Height adjustment ±3mm

Main Material

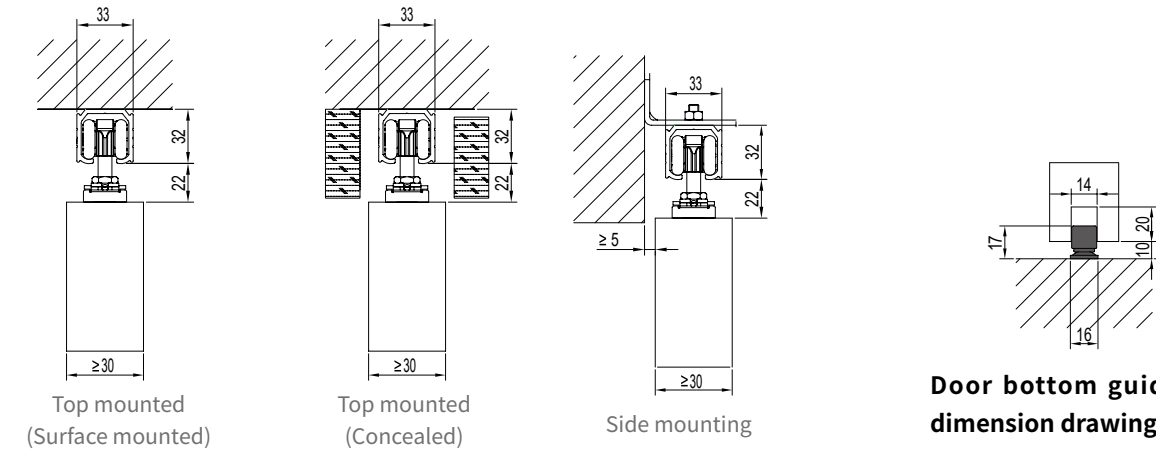
- Hanging wheel main body High strength engineering plastics
- Quick mounting bracket Stainless Steel
- Fixed plate Stainless Steel
- Door bottom guide 304 stainless steel+Nylon
- Hanging rail Aluminum alloy



Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation dimension drawing

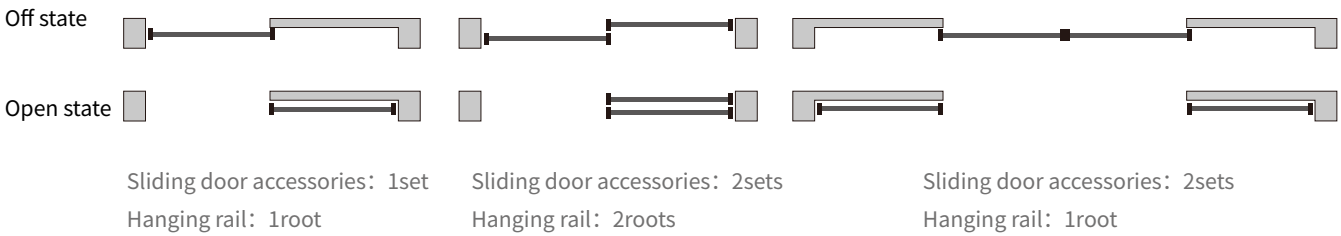
Sliding door accessories (Single door)

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)

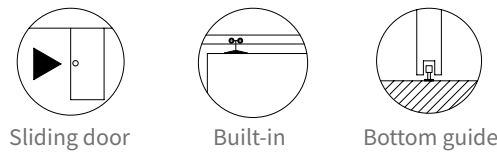
Accessory name	Model	Quantity	remark
Metal frame sliding door accessories	KYN8110N	1Set	
Hanging rail	KYN91005	1root	
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail) See P312

Metal Frame Sliding Door Accessories KYN8330N

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



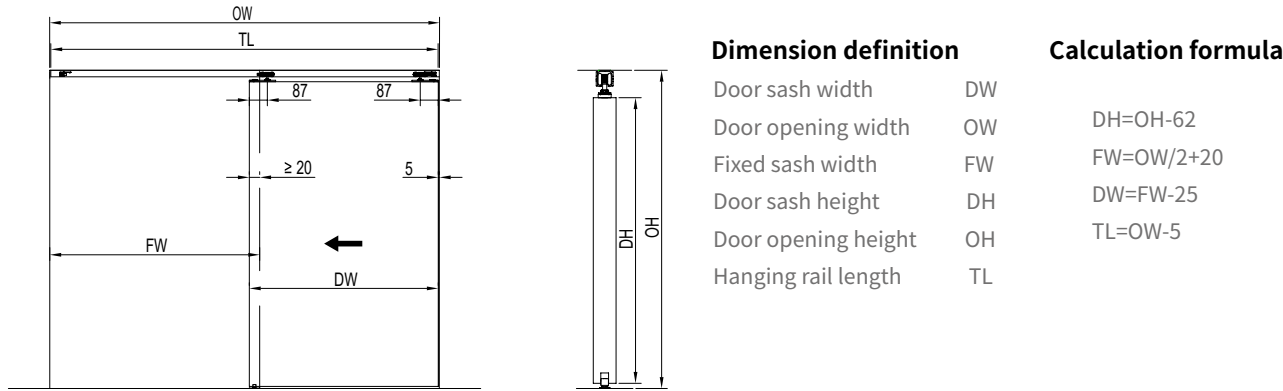
Sliding door accessories (Single door))

Model	Accessories name	Accessories picture	Quantity
KYN8330N	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

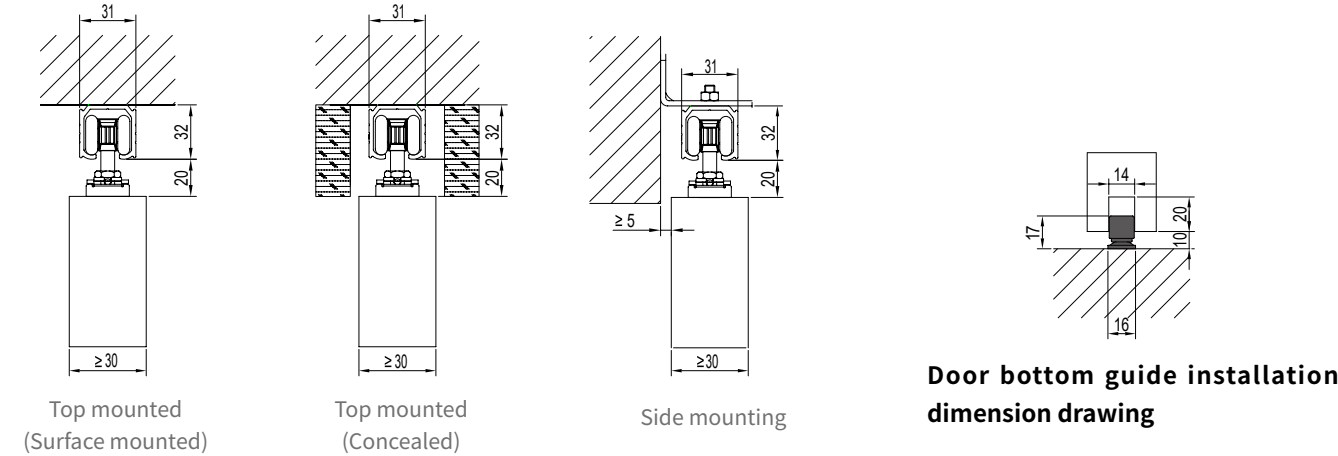
Matching hanging rail

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

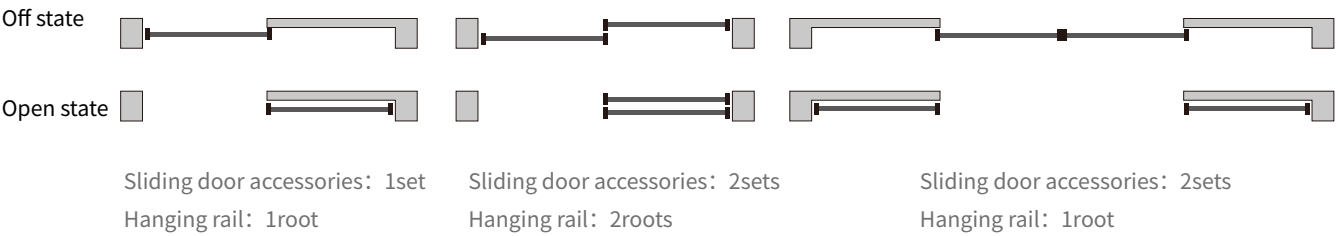
Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel



Common configuration type



Product Configuration Table (Single door)

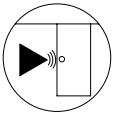
Accessory name	Model	Quantity	remark
Metal frame sliding door accessories	KYN8330N	1Set	
Hanging rail	KYN91005	1root	
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

Concealed cushioned sliding door fittings(Phantom Menace) KYN6005HB

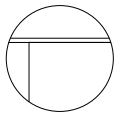


Applicable door weigh 40Kg

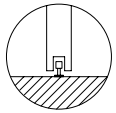
Sliding door function diagram



Buffer Sliding Door



Out hang type



Bottom guide

Technical Parameters

Door weight	40Kg
Applicable door thickness	40-50mm
Applicable door width	750-1200mm
Applicable door height	≤2500mm
Buffer type	Two-way buffering

Main Material

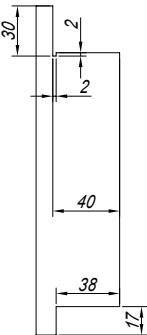
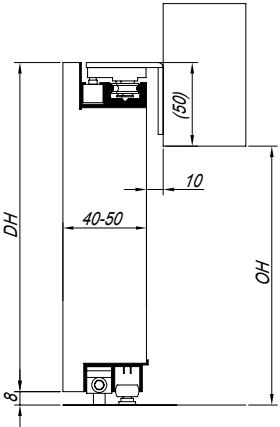
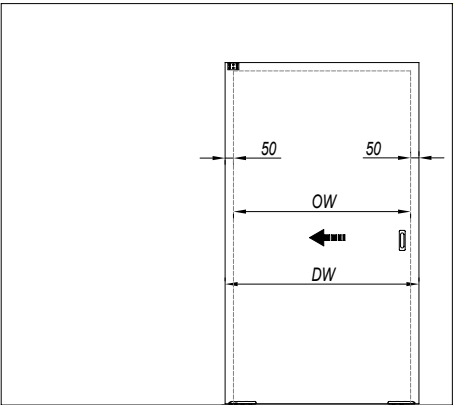
Upper rail assembly Aluminum alloy



Sliding door accessories (Single door))

Model	Accessories name	Accessories picture	Quantity
KYN6005HB	Upper rail assembly		1
	Lower rail assembly		1
	Fixed bracket		1
	Load-bearing pulleys		2
	buffers		2
	Left and right closure tabs		2
	Door bottom guide		1

Installation Diagram for Hanging Rail and Hanging Wheel



Size explanation

Door sash width	DW
Door opening width	OW
Door sash height	DH
Door opening height	OH

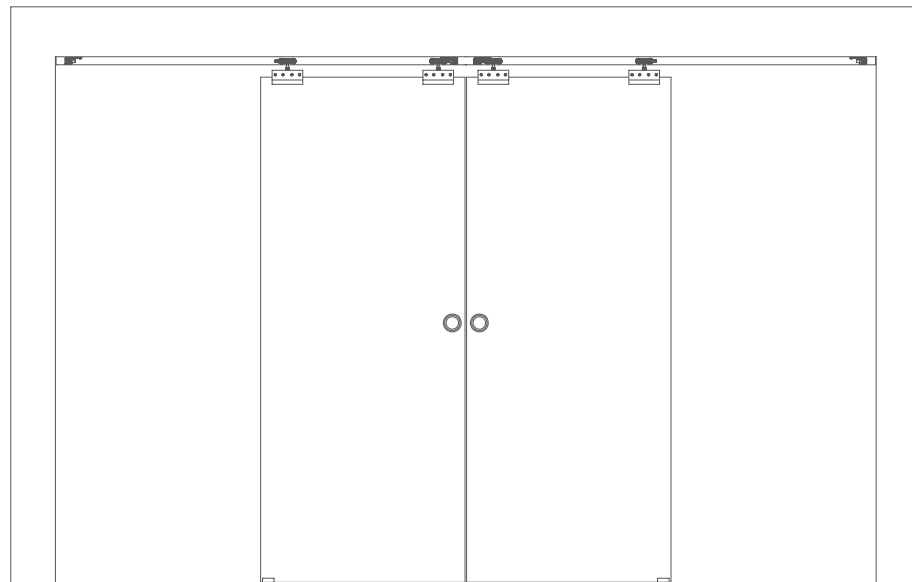
Calculation formula

DH=OH+42
DW=OW+100

Product Configuration Table

Accessory name	Model	Quantity	remark	Common configuration type	
Concealed cushioned sliding door fittings	KYN6005HB	1Set		Off state	
				Open state	

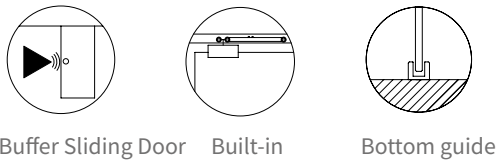
Glass sliding door accessories



Glass Buffer Sliding Door Accessories KYN8220HG

Applicable maximum door weight 80Kg

Sliding door function diagram



Technical Parameters

Applicable door weight	≤80Kg
Applicable door thickness	10-12mm
Applicable door width	≥610mm
Applicable door height	≤2400mm
Height adjustment	±3mm
Buffer type	Two-way buffering

Main Material

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



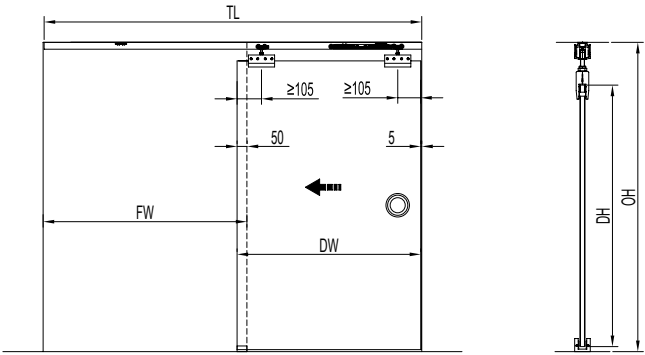
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8220HG	Buffer hanging wheel assembly		1
	Hanging wheel assembly		1
	Buffer block		2
	Door bottom guide		1

Matching hanging rail

Model	Product Picture	Dimensions	Remark
KYN91010			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



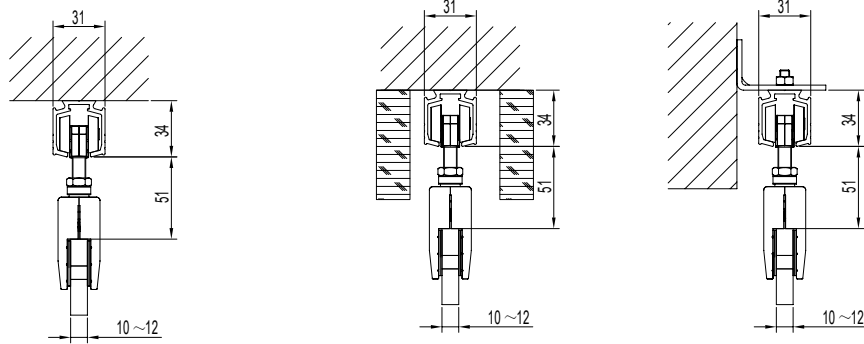
Dimension definition

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-95
FW=OW/2+50
DW=FW-55
TL=OW-5

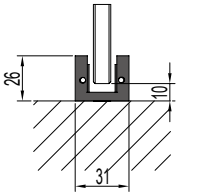
Installation Diagram for Hanging Rail and Hanging Wheel



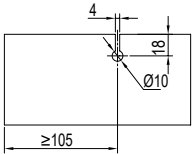
Top mounted(Surface mounted)

Top mounted (Concealed)

Side mounting

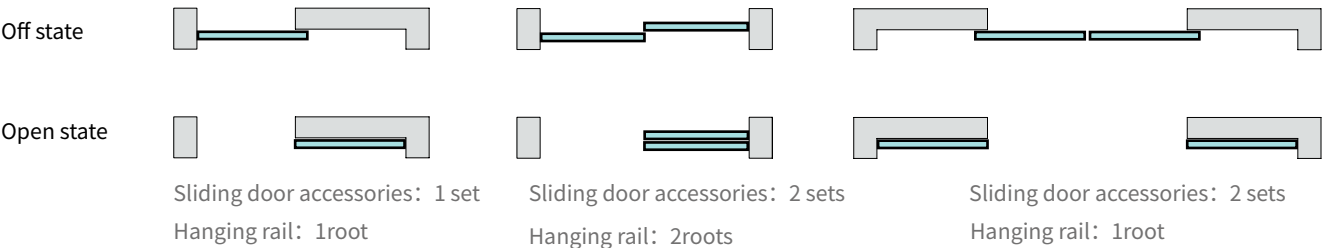


Door bottom guide installation diagram



Glass cut out drawing

Common configuration type



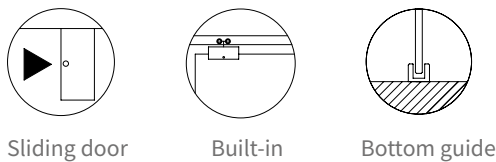
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN8220HG	1Set	
Hanging rail	KYN91010	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P307)
Hanging rail Side mount assembly	KYN97001	N Sets	Select accessories (The number depends on the length of the rail) See P312

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
Galss patch	Stainless steel
Door bottom guide	304 stainless steel
Hanging rail	Aluminum alloy



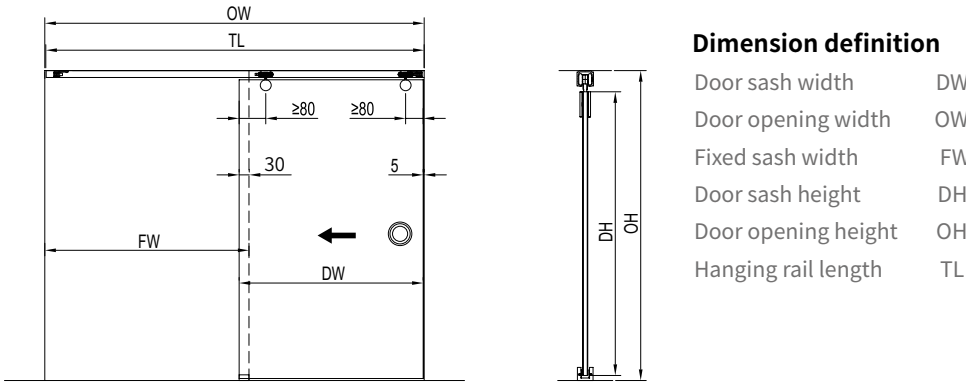
Sliding door accessories (Single door)

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



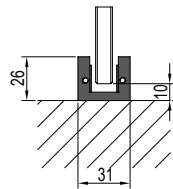
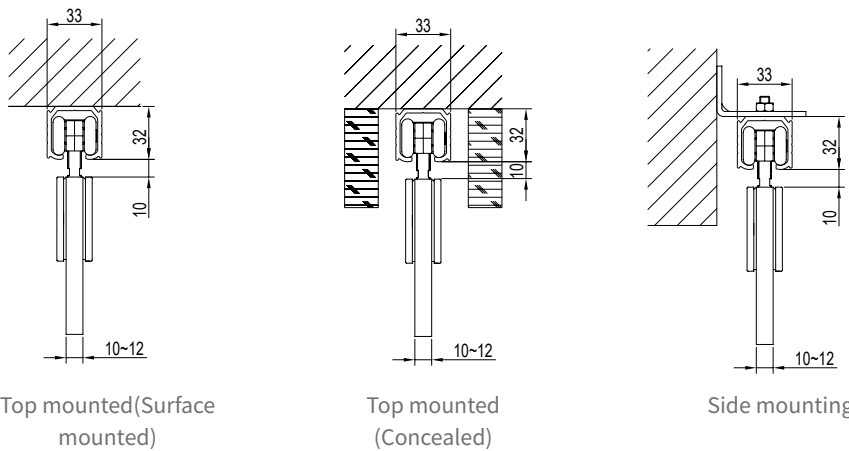
Dimension definition

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

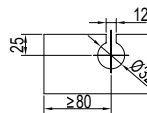
Calculation formula

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

Installation Diagram for Hanging Rail and Hanging Wheel

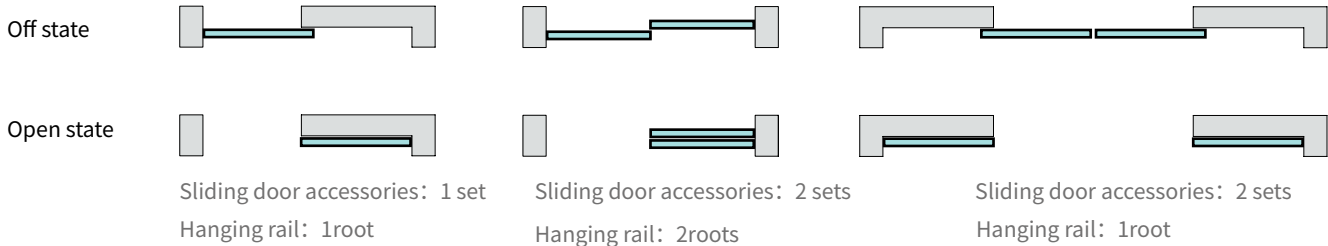


Door bottom guide installation diagram



Glass cut out drawing

Common configuration type



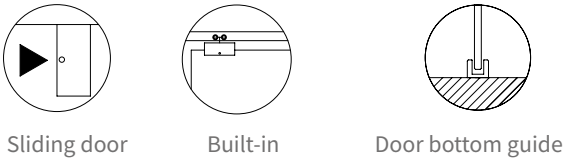
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN8110E	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P307)
Hanging rail Side mount assembly	KYN97001	N Sets	Select accessories (The number depends on the length of the rail) See P312

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
Galss patch	304 Stainless Steel
Door bottom guide	304 Stainless Steel
Hanging rail	Aluminum alloy



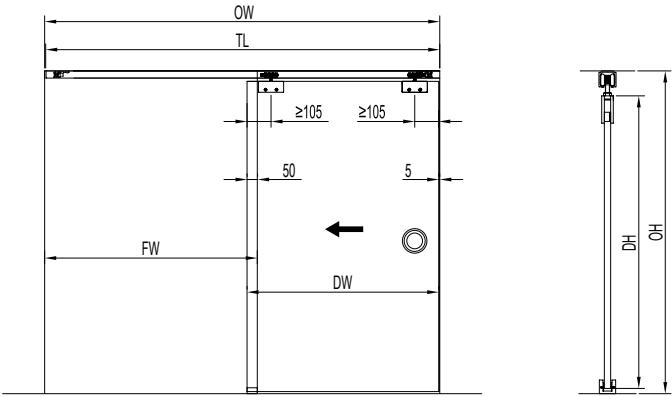
Sliding door accessories (Single door)

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

Matching hanging rail

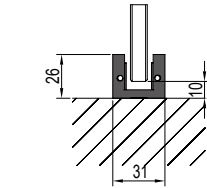
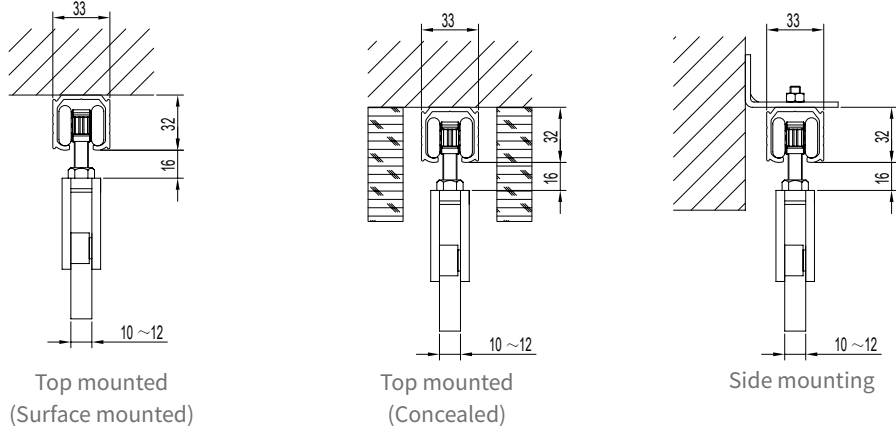
Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram

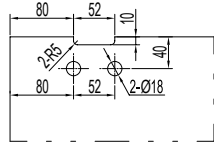


Size explanation	Calculation formula
Door sash width DW	DH=OH-58
Door opening width OW	FW=OW/2+50
Fixed sash width FW	DW=FW-55
Door sash height DH	TL=OW-5
Door opening height OH	
Hanging rail length TL	

Installation Diagram for Hanging Rail and Hanging Wheel

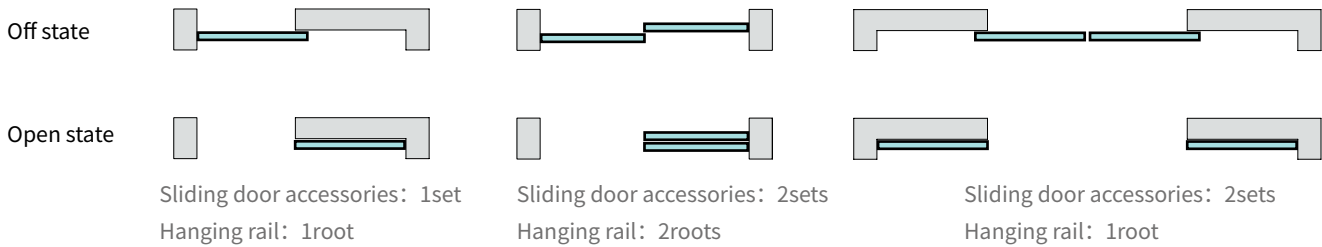


Door bottom guide installation dimension drawing



Glass opening diagram

Common configuration type



Product Configuration Table (Single door)

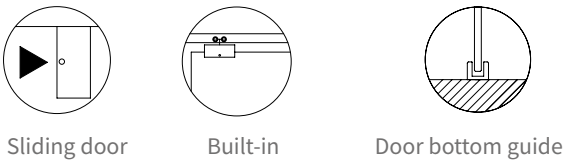
Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN8220G	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS931 series	1pair	Select accessories(see P307)
Hanging rail Side mount assembly	KYN97001	NSets	Select accessories (The number depends on the length of the rail) See P312

Glass Sliding Door Accessories KYN8330G

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
Galss patch	Aluminum alloy
Door bottom guide	304 Stainless Steel
Hanging rail	Aluminum alloy



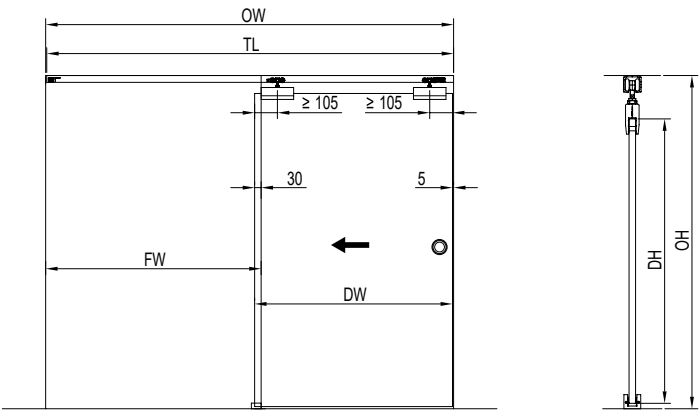
Sliding door accessories (Single door)

Model	Accessories name	Accessories picture	Quantity
KYN8330G	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

Matching hanging rail

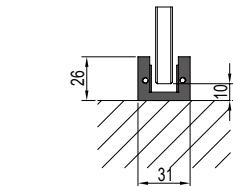
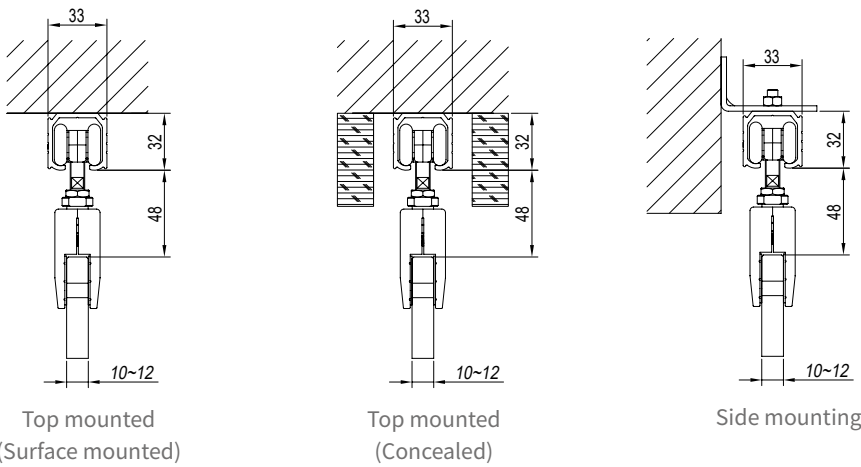
Model	Product Picture	Dimensions	Remark
KYN91005			The quantity is determined according to the configuration of the door leaf The length is calculated according to the width of the door opening and needs to be ordered separately

Installation diagram

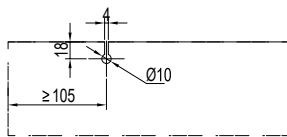


Size explanation		Calculation formula
Door sash width	DW	DH=OH-90
Door opening width	OW	FW=OW/2+30
Fixed sash width	FW	DW=FW-35
Door sash height	DH	TL=OW-5
Door opening height	OH	
Hanging rail length	TL	

Installation Diagram for Hanging Rail and Hanging Wheel

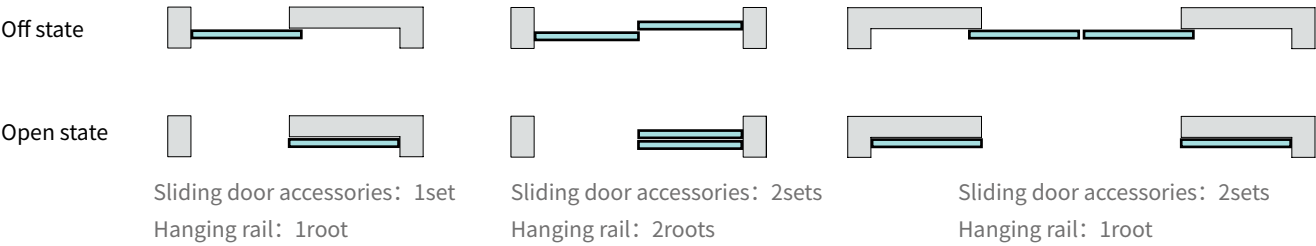


Door bottom guide installation dimension drawing



Glass opening diagram

Common configuration type



Product Configuration Table (Single door)

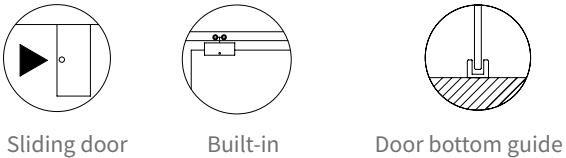
Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN8330G	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS931 series	1pair	Optional accessories See P307
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

Glass Sliding Door Accessories KYN8420G

Applicable door weight 120Kg



Sliding door function diagram



Technical Parameters

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

Main Material

Hanging wheel main body	High strength engineering plastics + carbon steel
Galss patch	Aluminum alloy
Door bottom guide	304 stainless steel
Hanging rail	Aluminum alloy



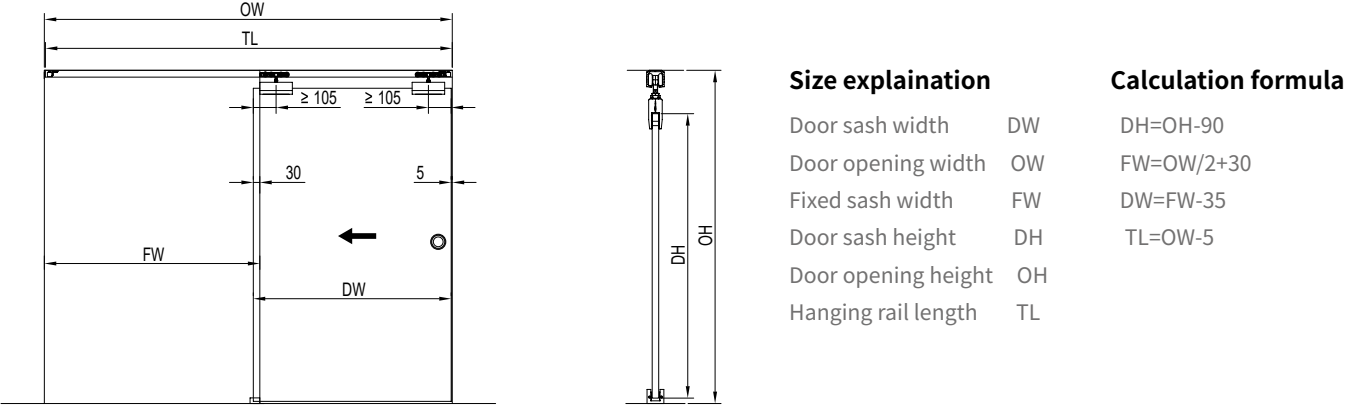
Sliding door accessories (Single door))

Model	Accessories name	Accessories picture	Quantity
KYN8420G	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1

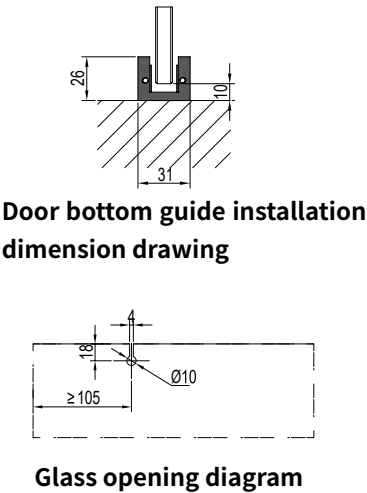
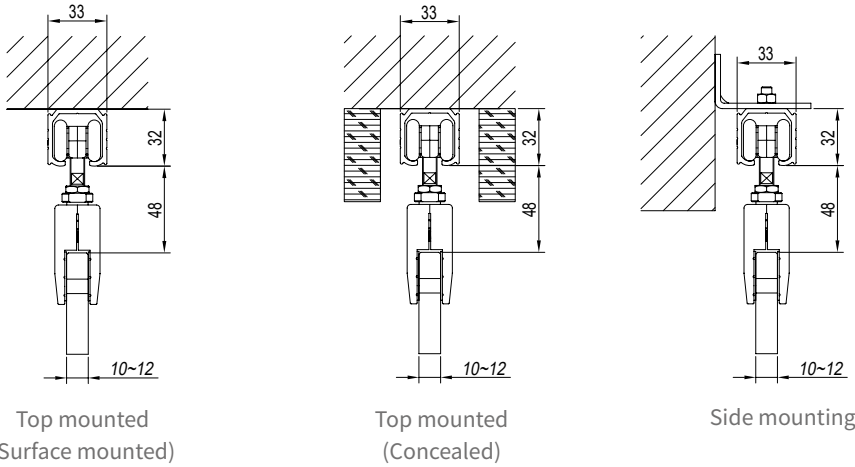
Matching hanging rail

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

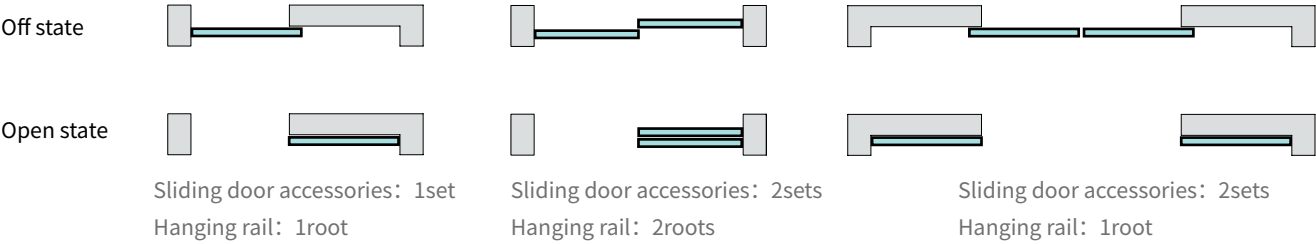
Installation diagram



Installation Diagram for Hanging Rail and Hanging Wheel



Common configuration type



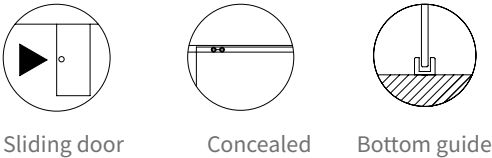
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Glass sliding door accessories	KYN8420G	1Set	
Hanging rail	KYN91005	1root	
Flush pull	KLS931series	1pair	Optional accessories See P307
Hanging rail Side mount assembly	KYN97001	NSets	Optional accessories(The number depends on the length of the rail) See P312

Concealed Glass Sliding Door Accessories KYN12210/KYN12220

Applicable door weigh 80Kg

Sliding door function diagram



Technical Parameters

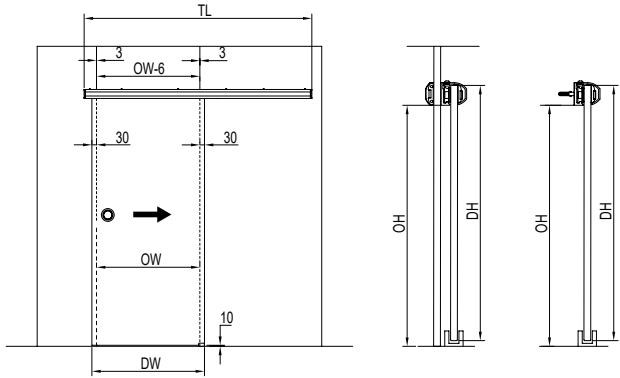
Applicable door weight	≤80Kg
Applicable door thickness	10-12mm
Applicable door width	600-1000mm
Applicable door height	≤2200mm

Main Material

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



Installation diagram



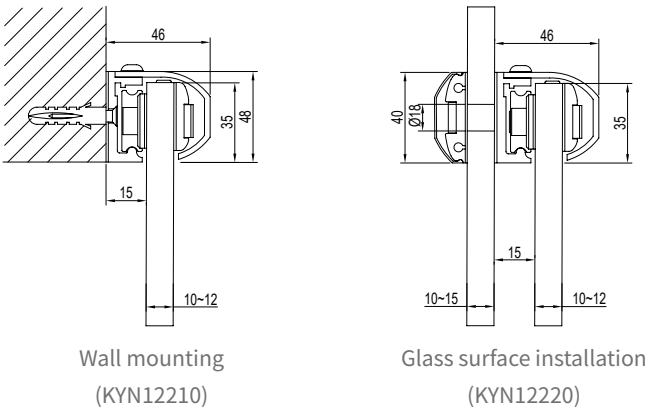
Dimension definition

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

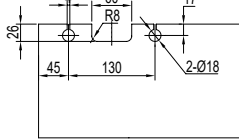
Calculation formula

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

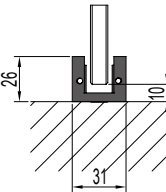
Installation Diagram for Hanging Rail and Hanging Wheel



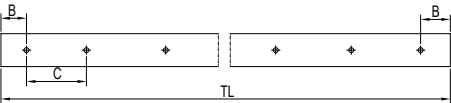
Glass cut out drawing



Door bottom guide installation diagram

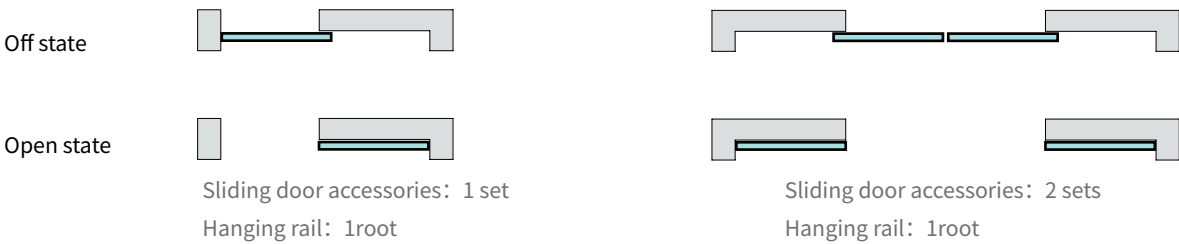


Hanging rail opening size chart



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

Common configuration type



Product Configuration Table (Single door)

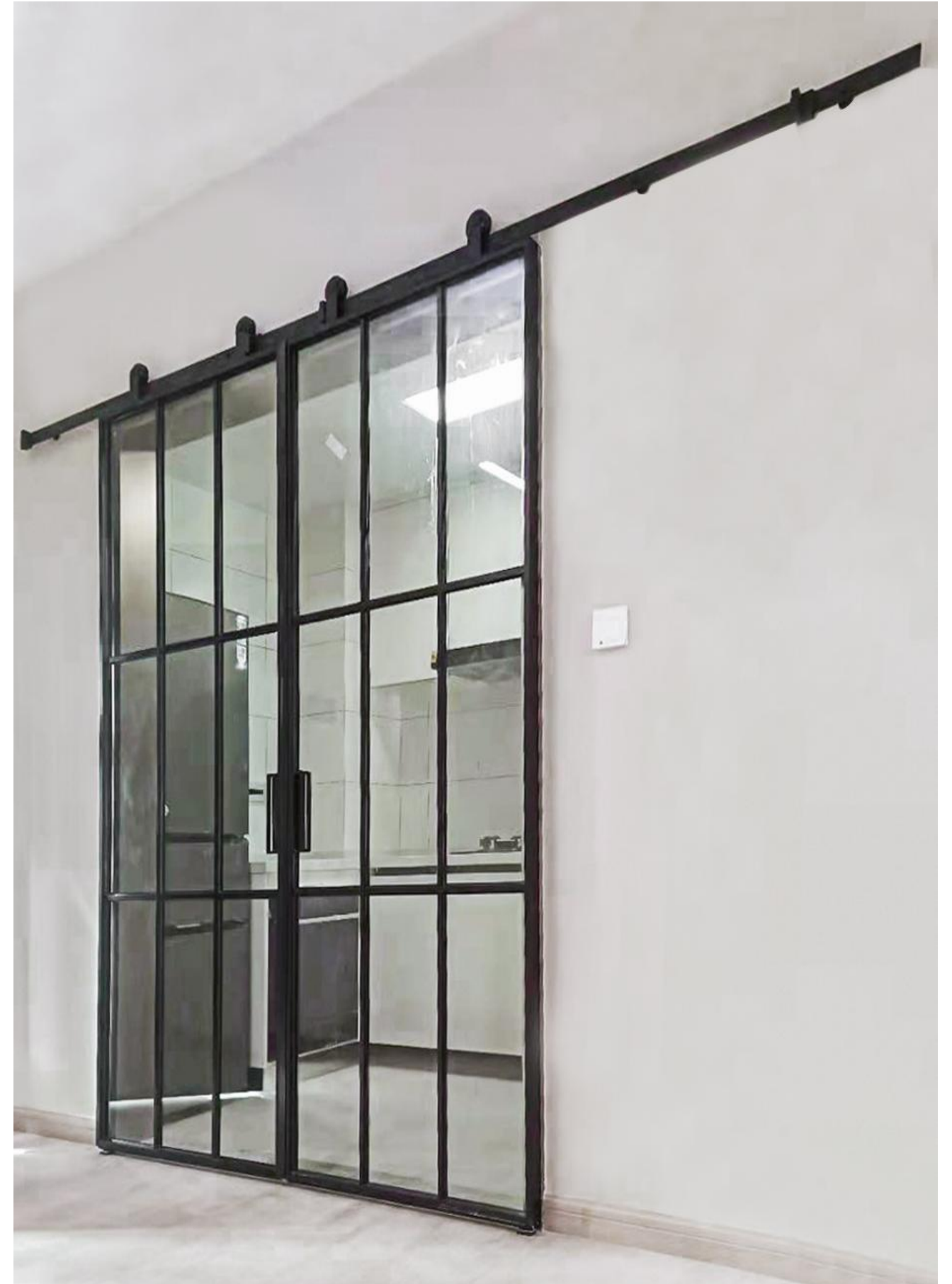
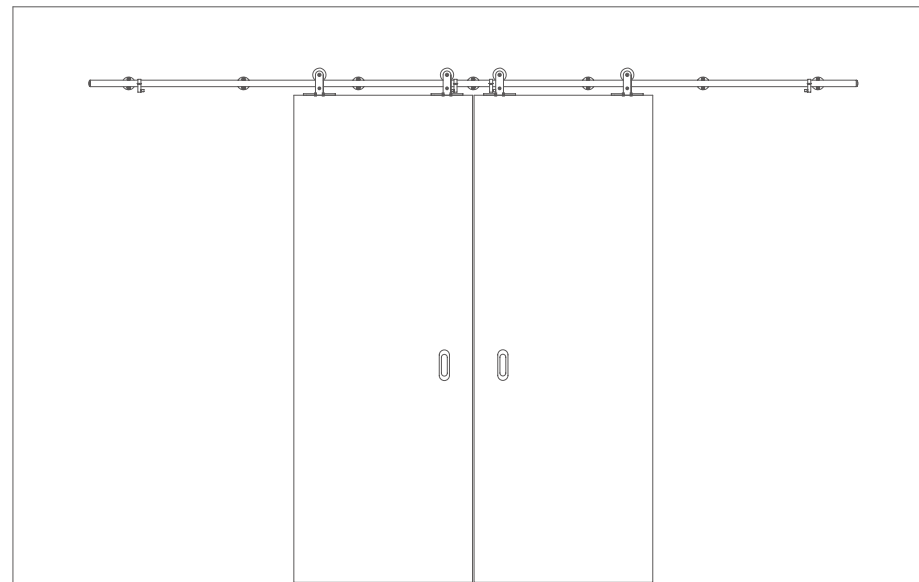
Installation form	Accessory name	Model	Quantity	remark
Wall mounting	Concealed glass sliding door	KYN12210	1Set	
	Flush pull	KLS931 series	1pair	Select accessories(see P307)
Glass surface installation	Concealed glass sliding door	KYN12220	1Set	
	Flush pull	KLS931 series	1pair	Select accessories(see P307)

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

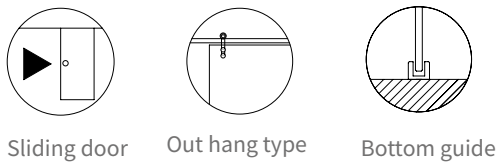
Barn door accessories



Glass Sliding Door Accessories KYW13010

Applicable door weigh 100Kg

Sliding door function diagram



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)

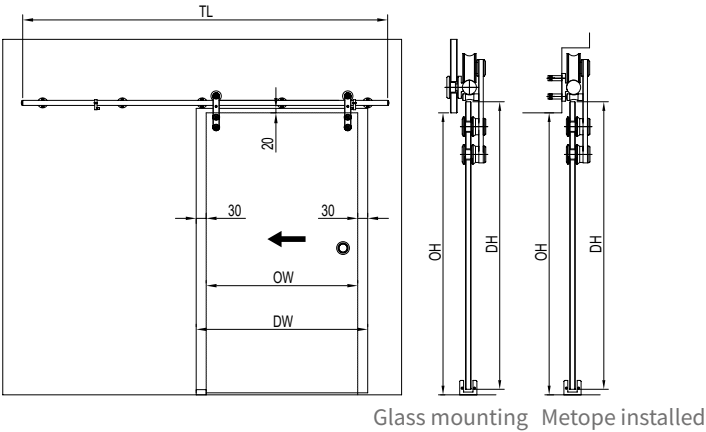
Model	Accessories name	Accessories picture	Quantity
KYW13010	Hanging rail		2
	Door bottom guide		1
KYW91001 (Including limit piece)	Hanging rail support (Wall mounting)		1
KYW91002 (Including limit piece)	Hanging rail support (Glass surface installation)		1

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

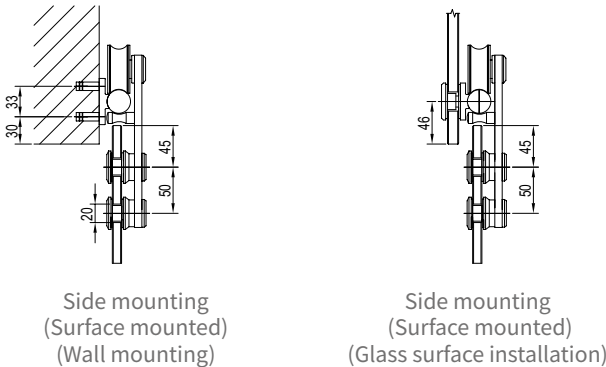
- Door sash width DW
- Door opening width OW
- Door sash height DH
- Door opening height OH
- Hanging rail length TL

Calculation formula (single door)

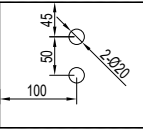
$DH=OH+10$

$DW=OW+60$

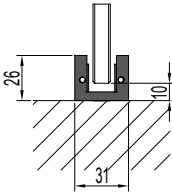
Installation Diagram for Hanging Rail and Hanging Wheel



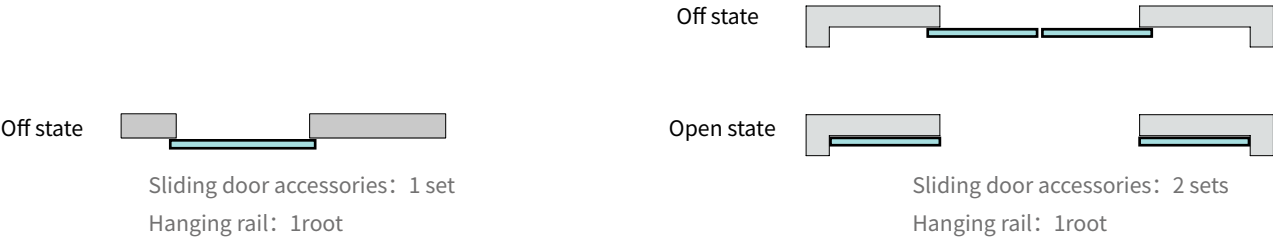
Glass cut out drawing



Door bottom guide installation diagram



Common configuration type



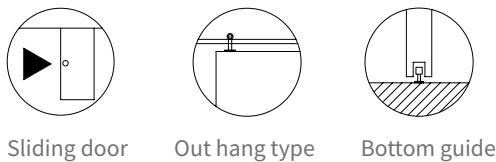
Product Configuration Table (Single door)

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 P307)

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)

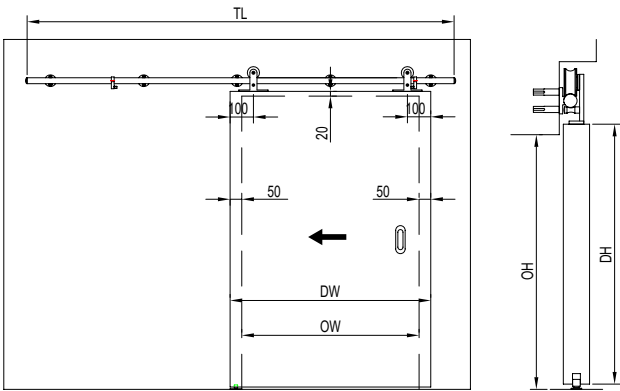
Model	Accessories name	Accessories picture	Quantity
KYW53010	Hanging wheel assembly		2
	Door bottom guide		1
KYW91001 (Lncluding limit piece)	Hanging rail		1

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

N o t e : The length of the hanging rail is shipped in accordance with the standard length of the attached table



Installation diagram



Dimension definition

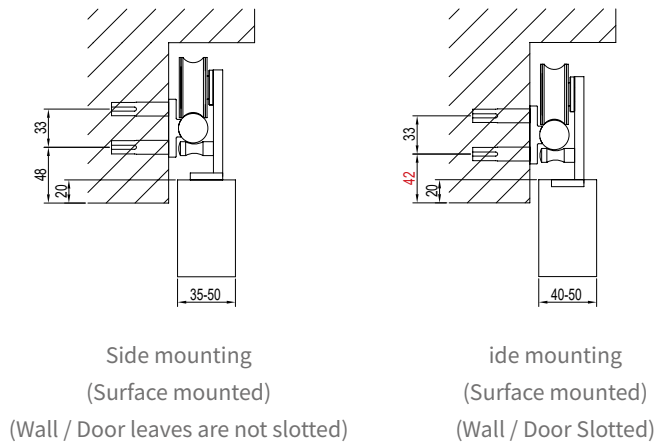
- Door sash width DW
- Door opening width OW
- Door sash height DH
- Door opening height OH
- Hanging rail length TL

Calculation formula (single door)

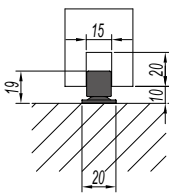
DH=OH+10

OW=DW+100

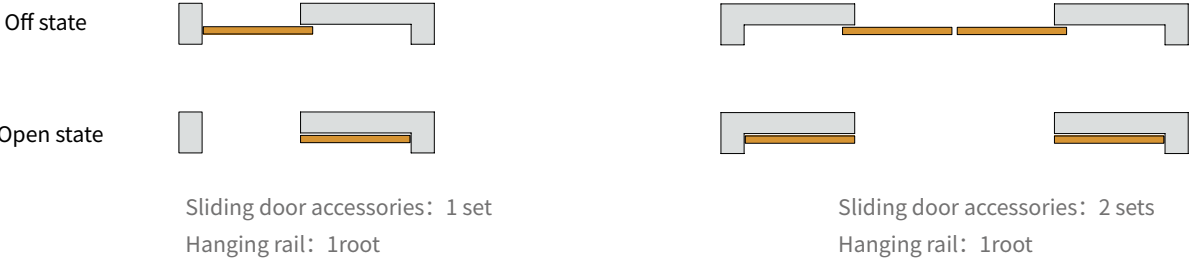
Installation Diagram for Hanging Rail and Hanging Wheel



Door bottom guide installation diagram



Common configuration type



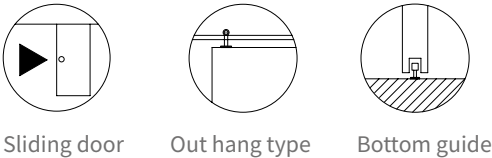
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Frame Sliding Door Accessories	KYW53010	1set	
Hanging rail	KYW91001	1root	
Flush pull	KLS935 series	1pair	Select accessories See P308

Wood Frame Sliding Door Accessories KYW5430B

Applicable door weigh 100Kg

Sliding door function diagram



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)

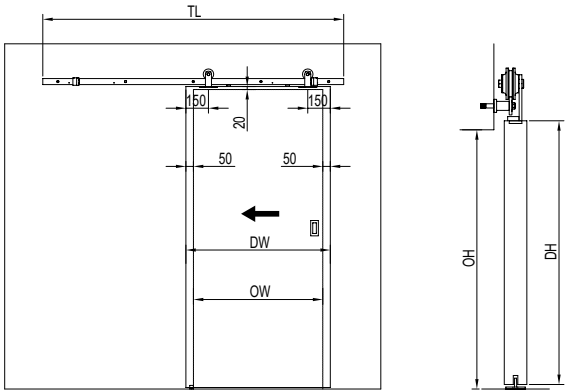
Model	Accessories name	Accessories picture	Quantity
KYW5430B	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1
	Anti-jumper		2
	Hanging rail support		/
	Hanging rail		1

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



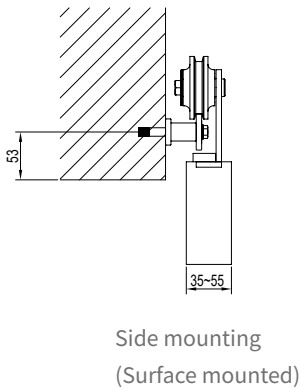
Dimension definition

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

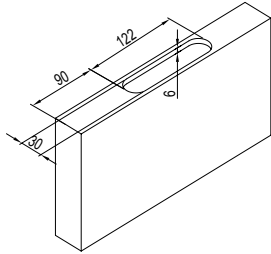
Calculation formula (single door)

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

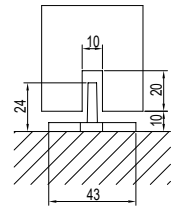
Installation Diagram for Hanging Rail and Hanging Wheel



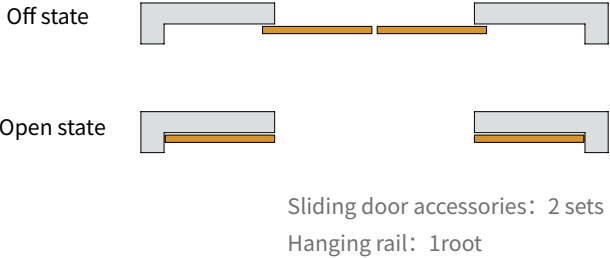
Slotting diagram of hanging wheel assembly



Door bottom guide installation diagram



Common configuration type



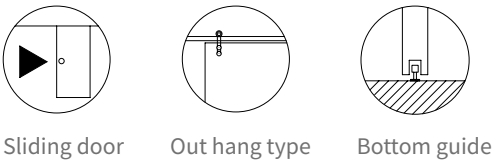
Product Configuration Table (Single door)

Accessory name	Model	Quantity	remark
Wood Frame Sliding Door Accessories	KYW5430B	1set	
Flush pull	KLS935 series	1pair	Select accessories See P308

Wood Frame Sliding Door Accessories KYW5550B

Applicable door weigh 150Kg

Sliding door function diagram



Technical Parameters

- Applicable door weight ≤150Kg
- Applicable door thicknes 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)

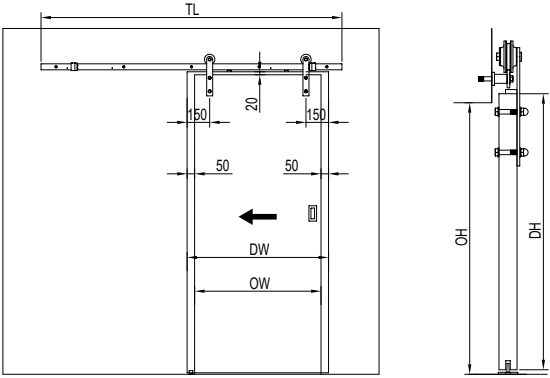
Model	Accessories name	Accessories picture	Quantity
KYW5550B	Hanging wheel assembly		2
	Positioning parts		2
	Door bottom guide		1
	Anti-jumper		2
	Hanging rail support		/
	Hanging rail		1

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



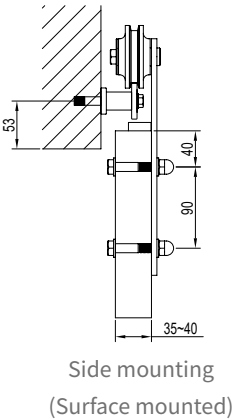
Dimension definition

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

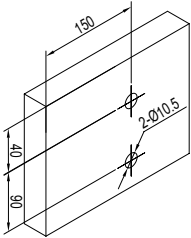
Calculation formula (single door)

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

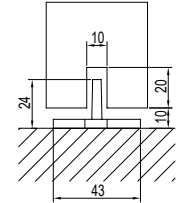
Installation Diagram for Hanging Rail and Hanging Wheel



Slotting diagram of hanging wheel assembly

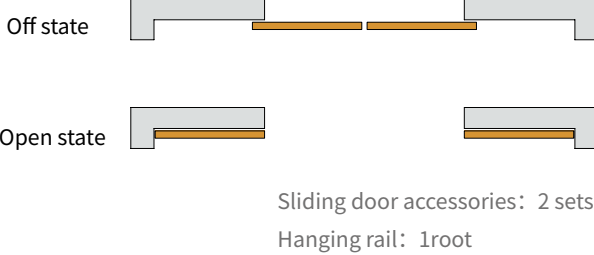
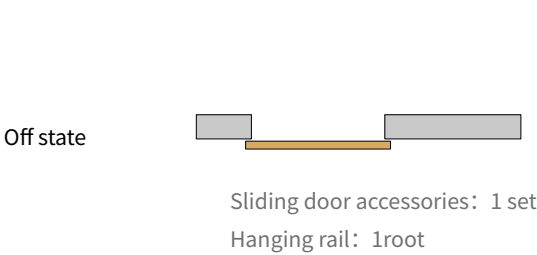


Door bottom guide installation diagram



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 P308

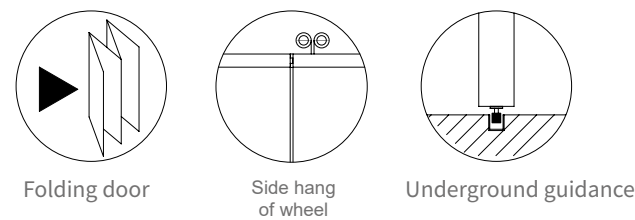
10

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 to lerance
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

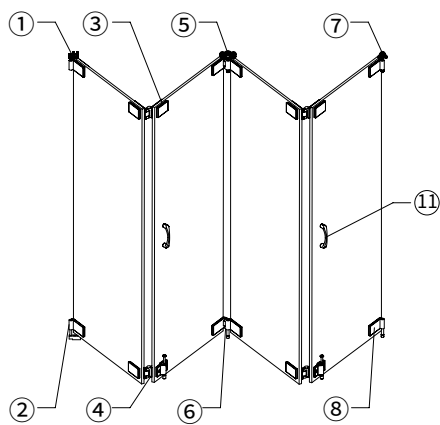
Main materials and surface treatment

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

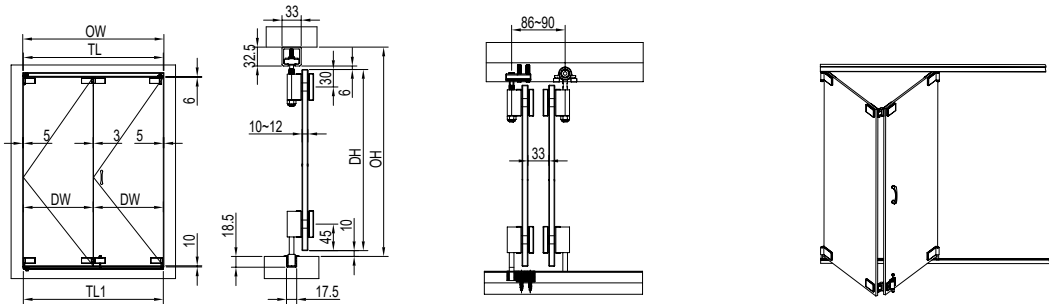
Hanging rail	KYN91004
Bottom guide rail	KYN92003

Select accessories

Handle	KLS45001、KLS45201
--------	-------------------

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		

Note: Product model does not include pull handles, hanging rails, lower guide rails

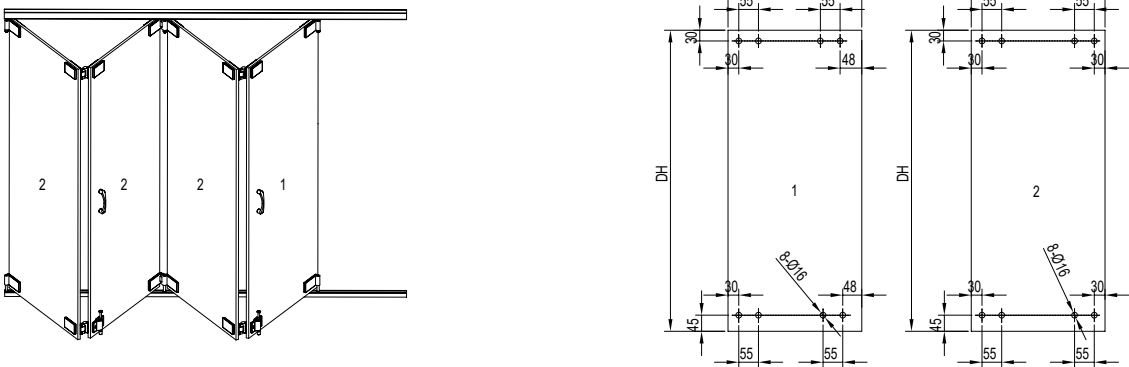
Two-way glass folding door



Product Model	KZD11220	KZD11440
Applicable door type	4 Sash two-way folding	8 Sash two-way folding
Schematic diagram		

Note: Product model does not include pull handles, hanging rails, lower guide rails

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

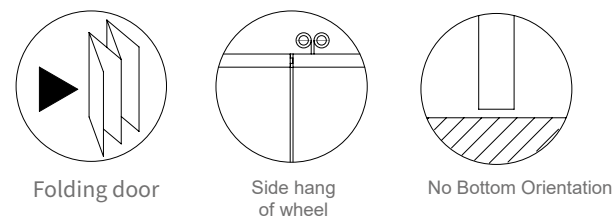
Calculation formula

$DH=OH-48.5$
 $TL=TL1=OW-5$

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 ± 4mm, eliminating some site to lernace
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	≤2600mm

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

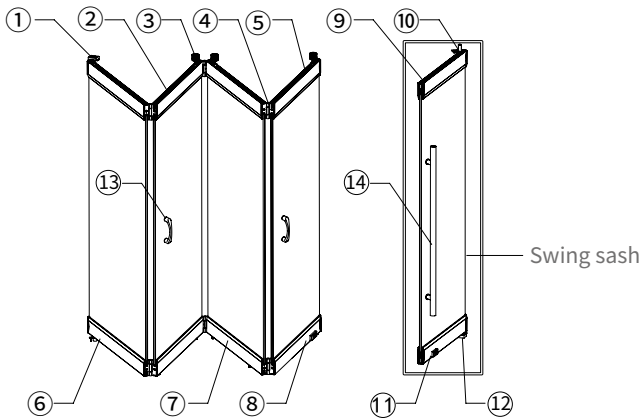
Hanging rail KYN91008

Select accessories

Handle	KLS45001、 KLS45201
Floor Hinge	Optional, order separately



Configuration schematic



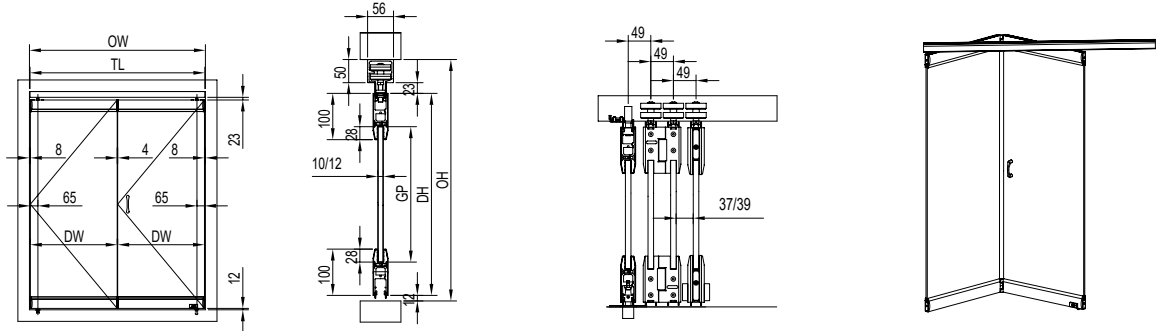
Configuration instructions:

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

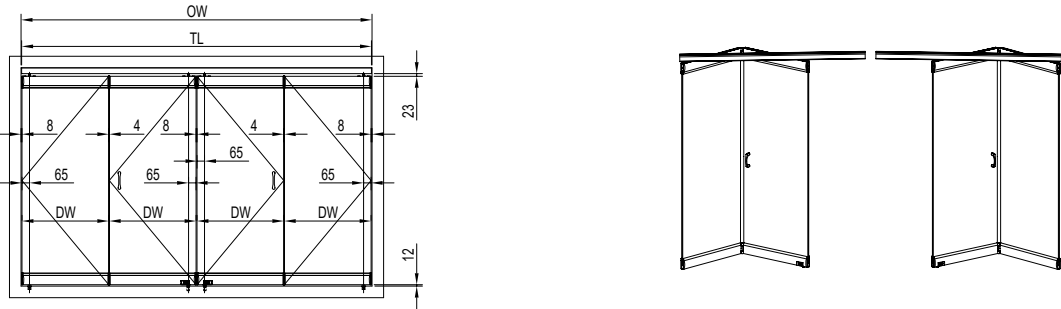
One-way glass folding door



Product Model	KZD21200	KZD21400
Applicable door type	2 Sash one-way folding	4 Sash one-way folding
Schematic diagram		

Note: Product model does not include pull handle, hanging rail

Two-way glass folding doors



Product Model	KZD21220	KZD21420
Applicable door type	4 Sash two-way folding	6 Sash two-way folding
Schematic diagram		

Note: Product model does not include pull handle, hanging rail

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

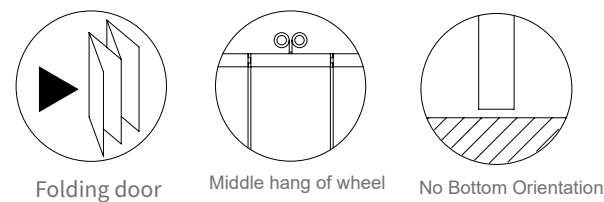
Accessories picture



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 lerance
- 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

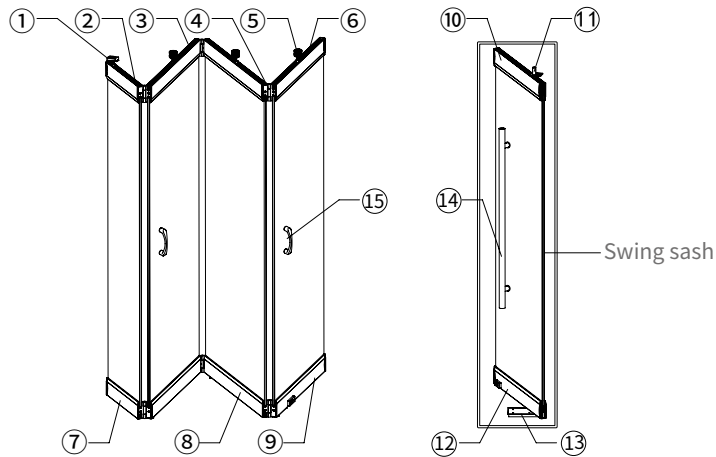
Hanging rail KYN91008

Select accessories

Handle	KLS45001、KLS45201
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

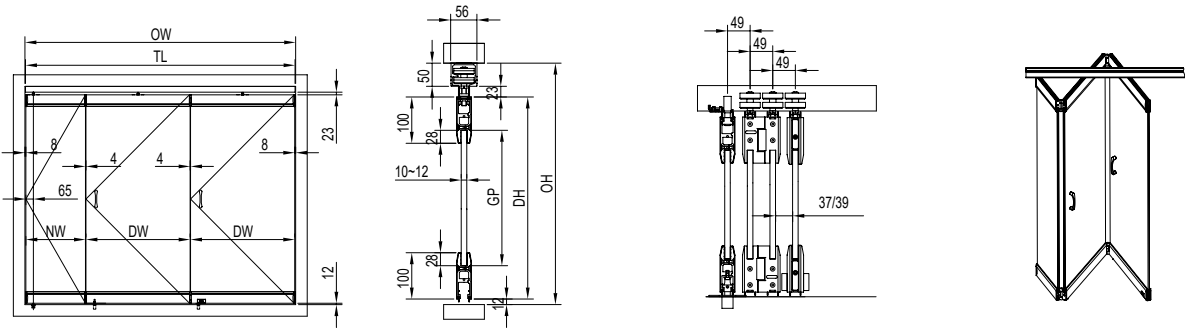
Swing sash accessories :KZD97001(Combination of Item numbers 10/11/12)

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

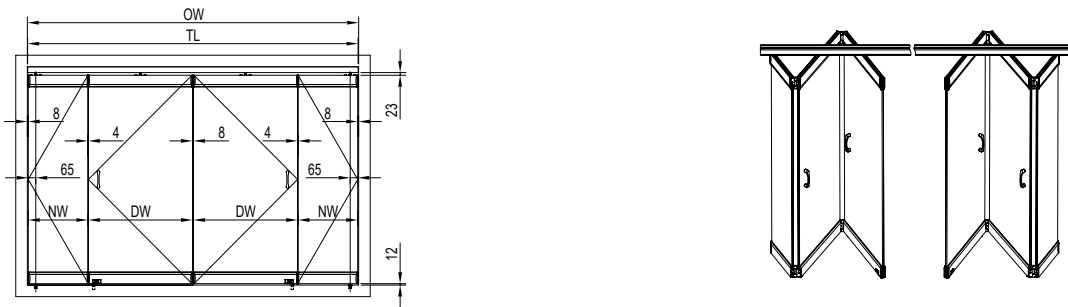
One-way glass folding door



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)					

Note: Product model does not include pull handle, hanging rail

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					

Note: Product model does not include pull handle, hanging rail

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

$GP=OH-229$

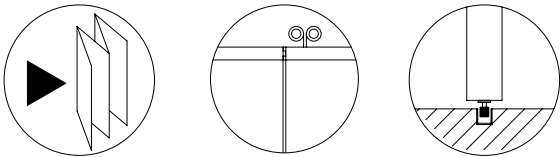
$NW=DW/2+65$

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 ± 4mm, horizontal adjustable ± 4mm, eliminating some site to lernace
- 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	≤2800mm

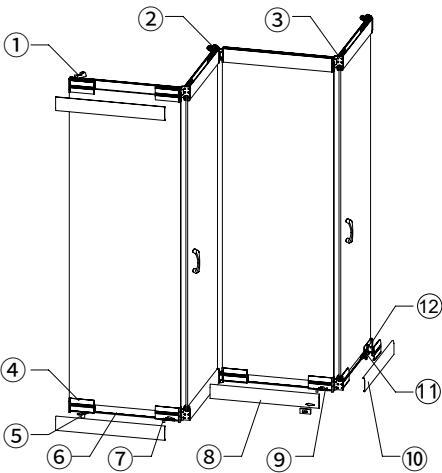
Main materials and surface treatment

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)

Accessory details



Configuration schematic



Required accessory

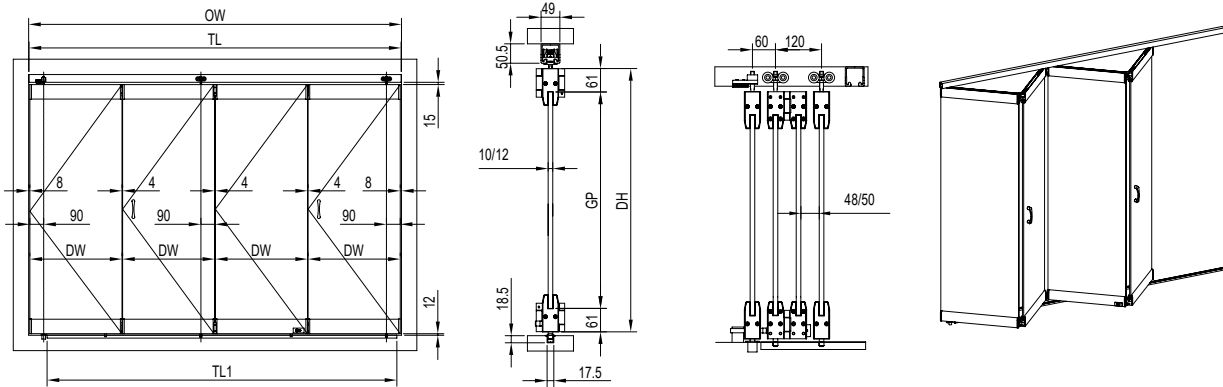
Hanging rail	KYN91002
Bottom guide rail	KYN92003

Select accessories

Handle	KLS45001、KLS45201
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Schematic diagram of typical configuration types

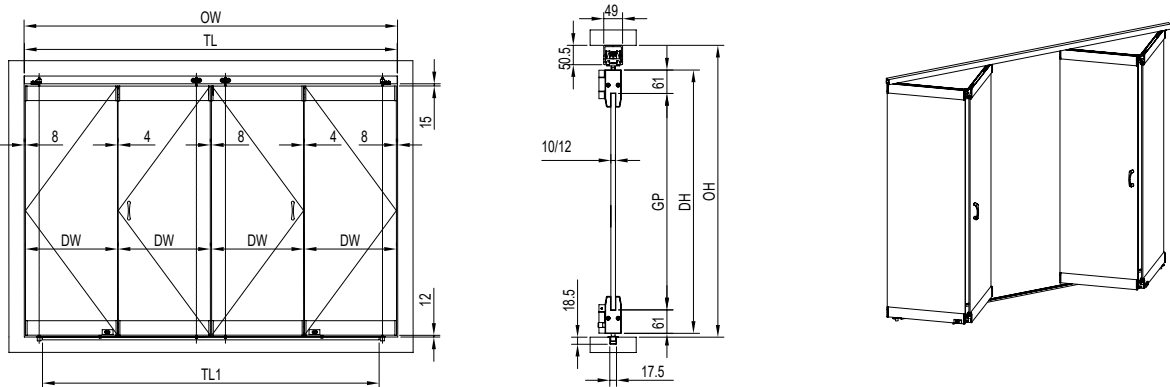
One-way glass folding door



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)			

Note: Product model does not include pull handles, hanging rails, lower guide rails

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)		

Note: Product model does not include pull handles, hanging rails, lower guide rails

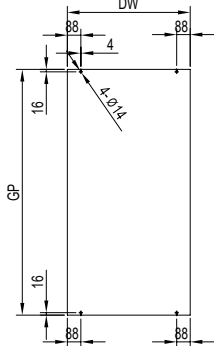
Dimension definition

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

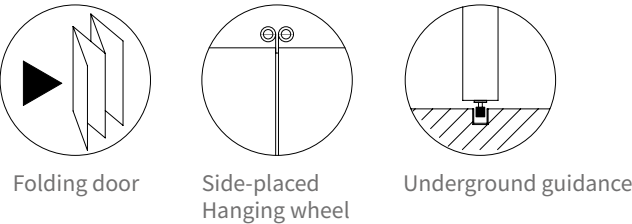
Opening Diagram of glass



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 ± 4mm, horizontal adjustable ± 4mm, eliminating some site to lerance

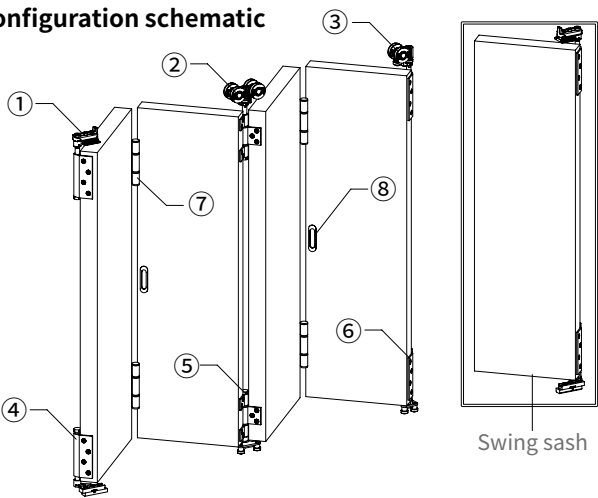
Technical Parameters

Applicable maximum door weight	80Kg
Applicable door thickness	40-50mm
Applicable door width	600~900mm
Applicable door height	≤3300mm

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)

Configuration schematic



Configuration intructions:

- 1.Swing sash is not included in the standard configuration. Swing sash accessories must be ordered separately.
- 2.Door height ≤ 2400mm, order according to the standard configuration product model.
- 3.Door height > 2400mm, 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.

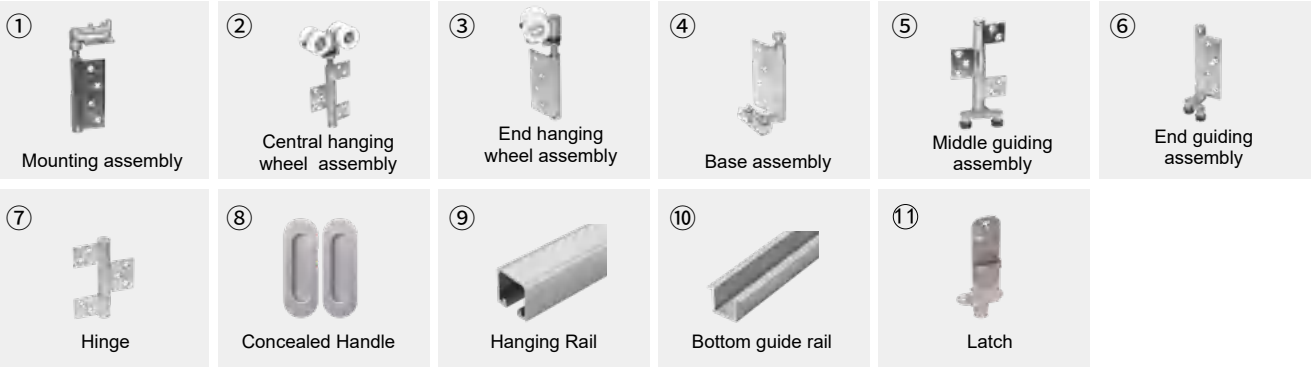
Required accessory

Hanging Rail	KYN91002
Bottom guide rail	KYN92002

Select accessories

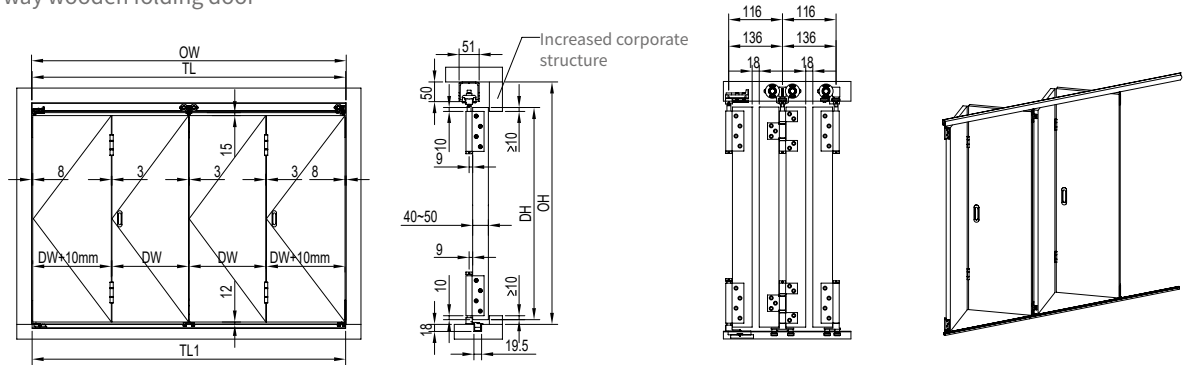
Concealed Handle	KLS935 series
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Accessory details



Schematic diagram of typical configuration types

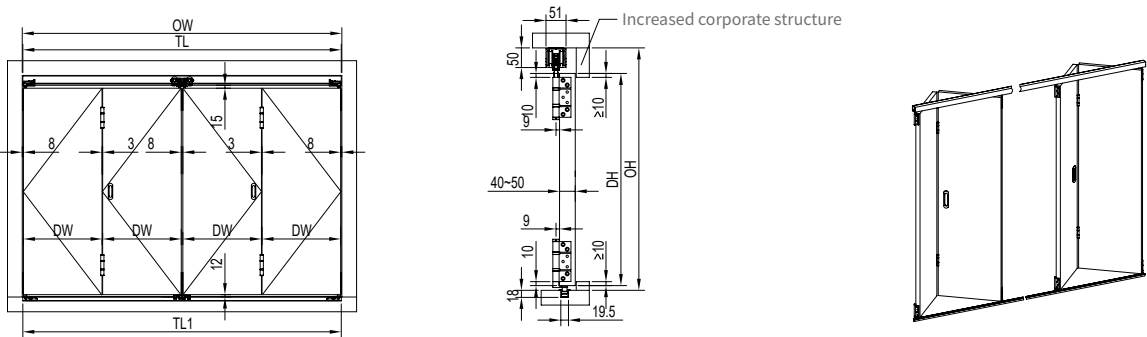
One-way wooden folding door



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)					

Note: Product model does not include pull handles, hanging rails, lower guide rails

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					

Note: Product model does not include pull handles, hanging rails, lower guide rails

Dimension definition

Door sash height	DH
Doorway height	OH
Door sash width	DW
Doorway width	OW
Rail length	TL
Bottom guide rail length	TL1

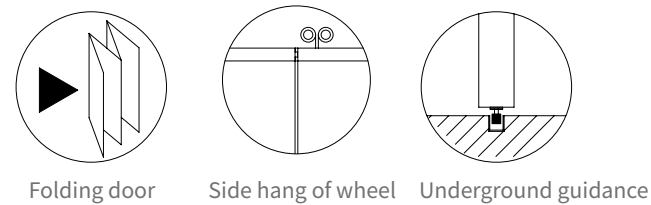
Calculation formula

$DH=OH-77$
 $TL=TL1=OW-5$

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 ±4mm, hinge three-dimensional adjustable, eliminate part of the field error

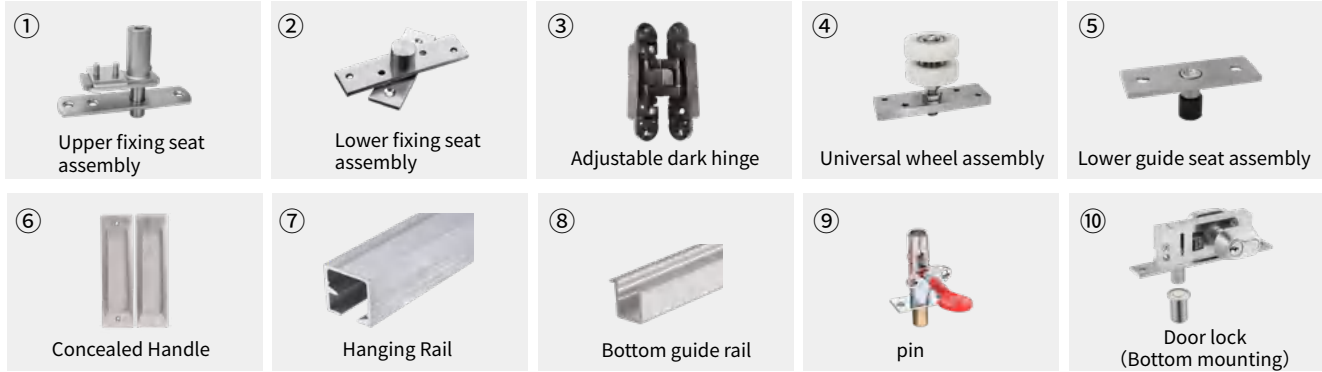
Technical Parameters

Applicable maximum door weight	80Kg
Applicable door thickness	40-50mm
Applicable door width	600~900mm
Applicable door height	≤2600mm

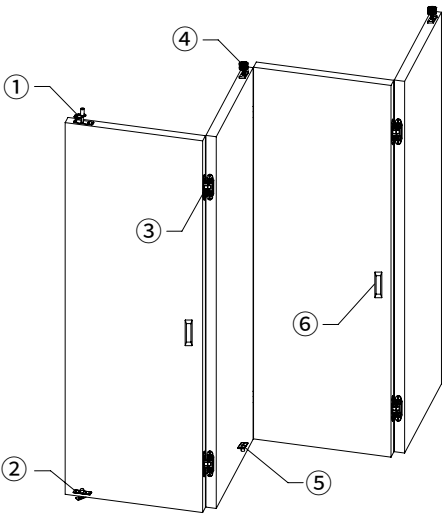
Main materials and surface treatment

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

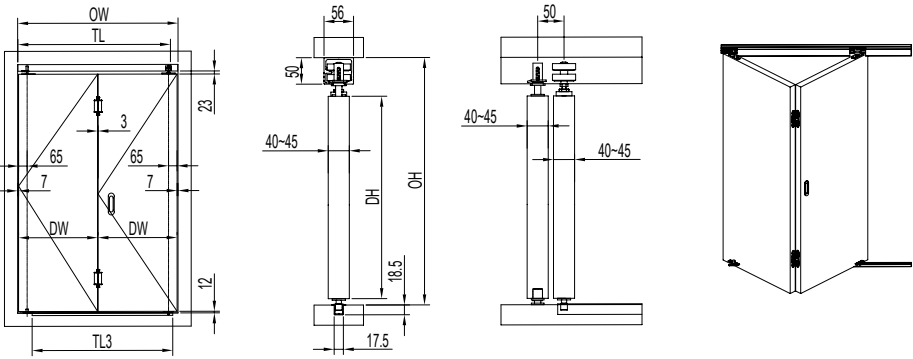
Hanging Rail	KYN91008
Bottom guide rail	KYN92003

Select accessories

Concealed Handle	KLS935 series
Door lock	KMS52030

Schematic diagram of typical configuration types

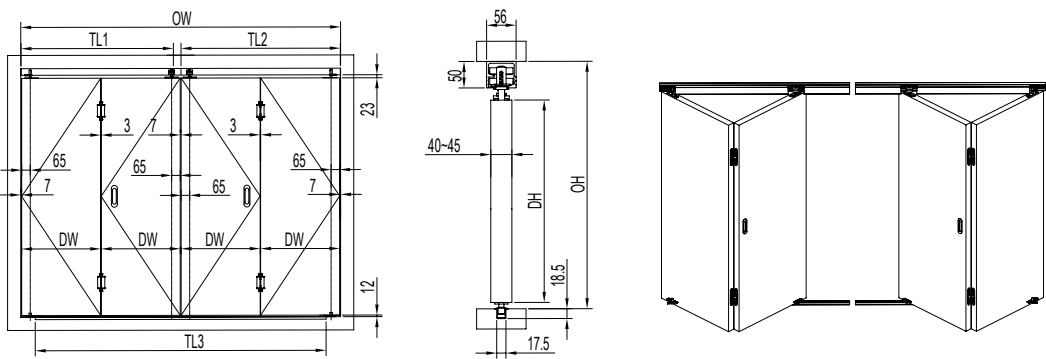
One way wooden folding door



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			

Note: Product model does not include pull handles, hanging rails, lower guide rails

Double wooden folding door



Product Model	KZD63220	KZD63420
Applicable door type	4 Sash two-way folding	6 Sash two-way folding
Schematic diagram		

Note: Product model does not include pull handles, hanging rails, lower guide rails

Dimension definition

Door sash height	DH
Doorway height	OH
Door sash width	DW
Doorway width	OW
Rail length	TL
Bottom guide rail length	TL3

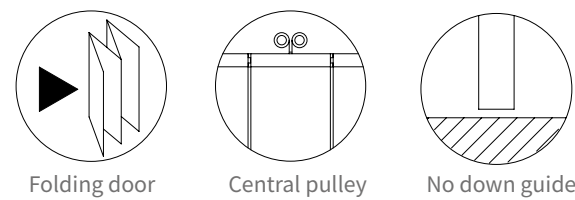
Calculation formula

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

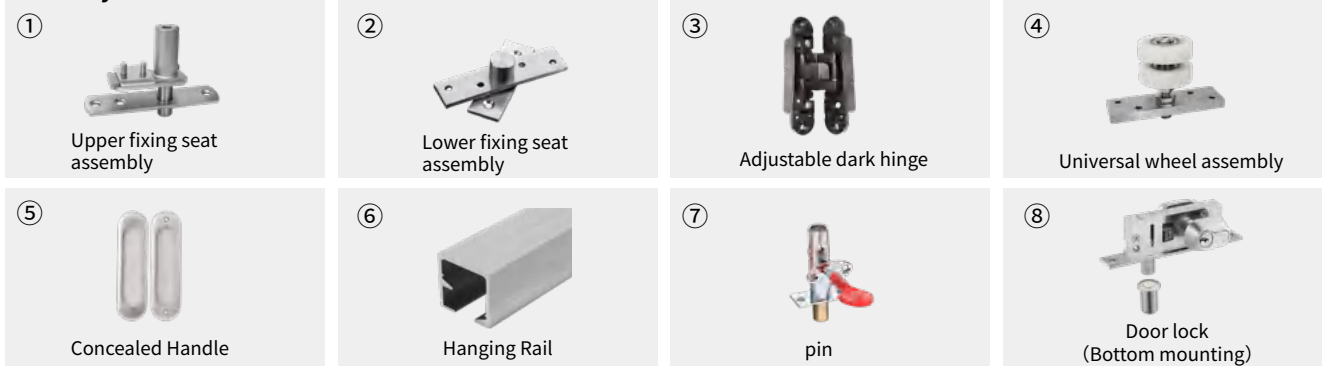
Technical Parameters

Applicable maximum door weight	80Kg
Applicable door thickness	40-50mm
Applicable door width	600~900mm
Applicable door height	≤ 2600 mm

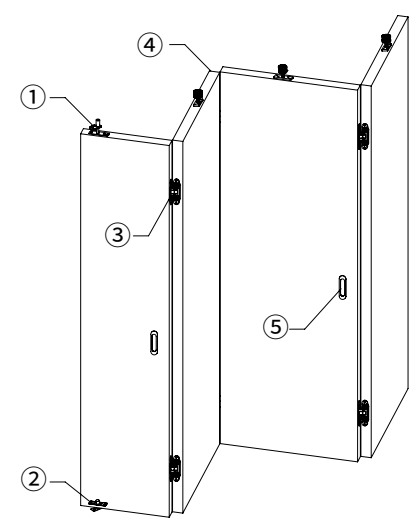
Main materials and surface treatment

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

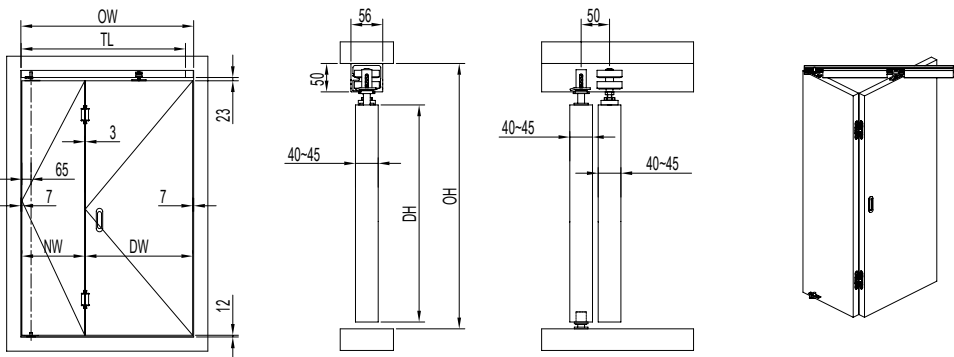
Hanging Rail KYN91008

Select accessories

Concealed Handle KLS935 series
Door lock KMS52030

Schematic diagram of typical configuration types

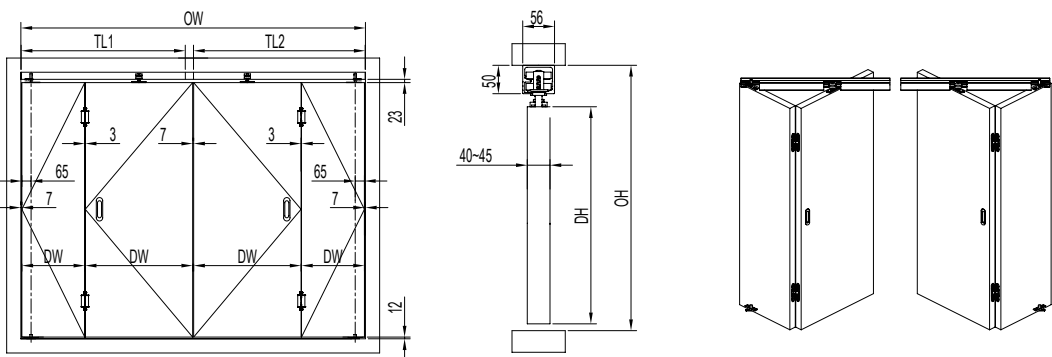
One way wooden folding door



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					

Note: Product model does not include pull handle, hanging rail

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					

Note: Product model does not include pull handle, hanging rail

Dimension definition

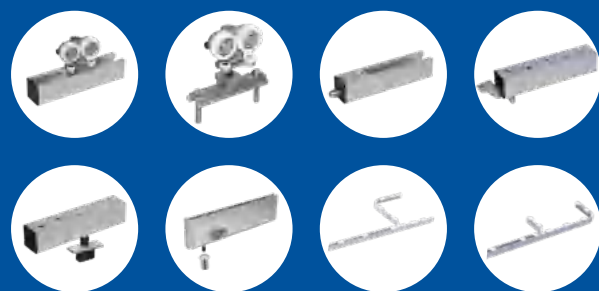
Door sash height DH
Doorway height OH
Door sash width DW
Doorway width OW
Rail length TL

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

11

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



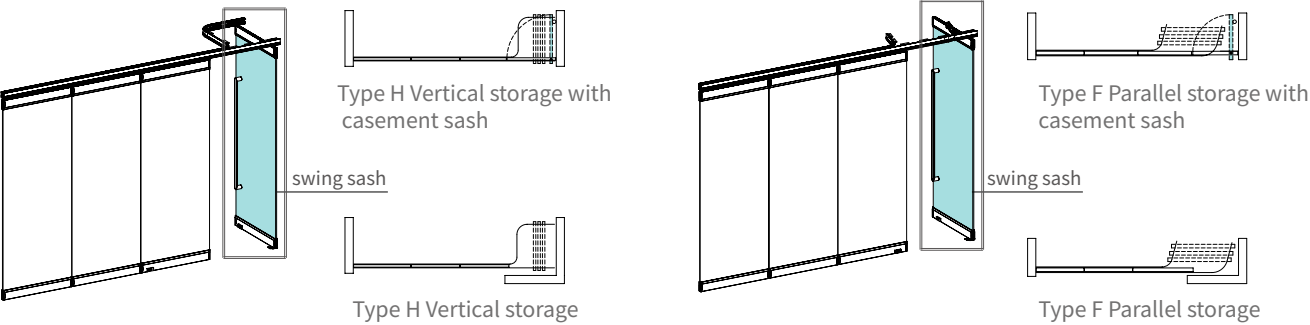
Technical Parameters

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

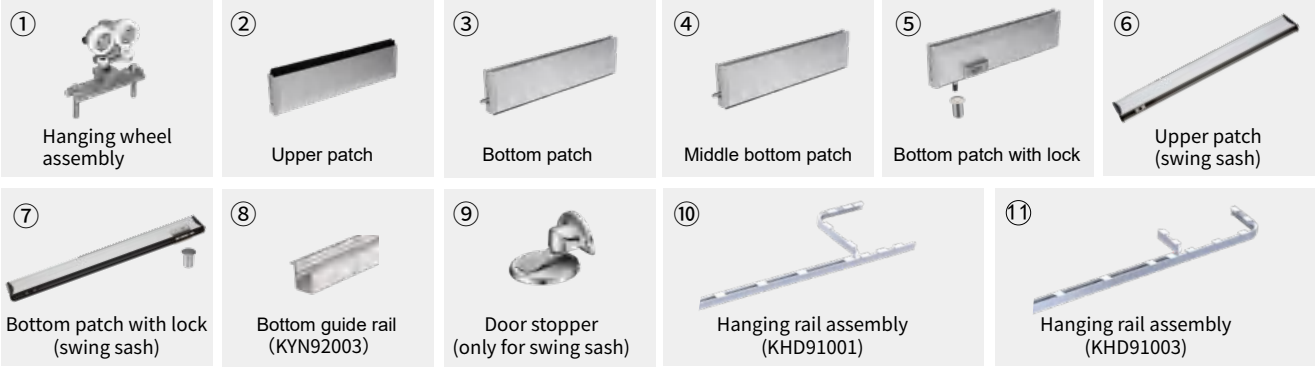
Main materials and surface treatment

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)

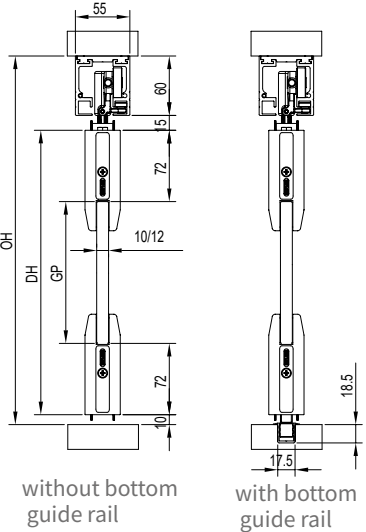
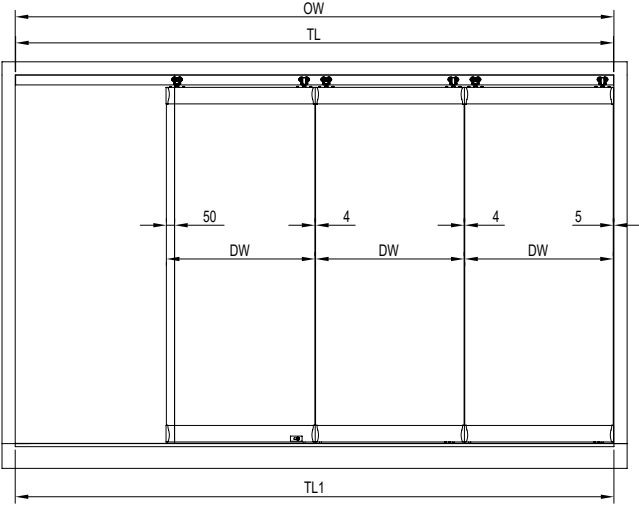
Configuration schematic



Accessory details



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

H type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD1130H	3 sash	
KHD1140H	4 sash	
KHD1150H	5 sash	
KHD1160H	6 sash	

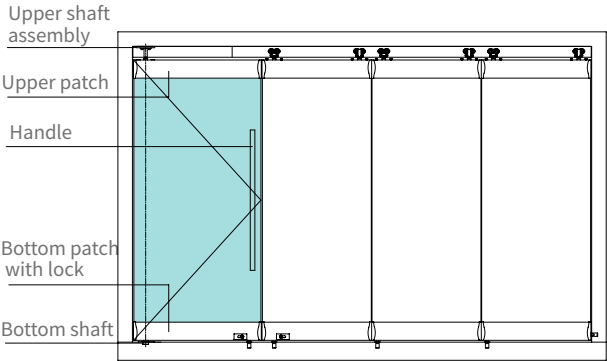
H type with bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD1230H	3 sash	
KHD1240H	4 sash	
KHD1250H	5 sash	
KHD1260H	6 sash	

F type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD1130F	3 sash	
KHD1140F	4 sash	
KHD1150F	5 sash	
KHD1160F	6 sash	

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 applicable.
 - Swing sash must be equipped with door stopper. Door stopper must be ordered separately. Recommended models SMX12215.

Note: Product model does not include lifting rails, lower guide rails

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



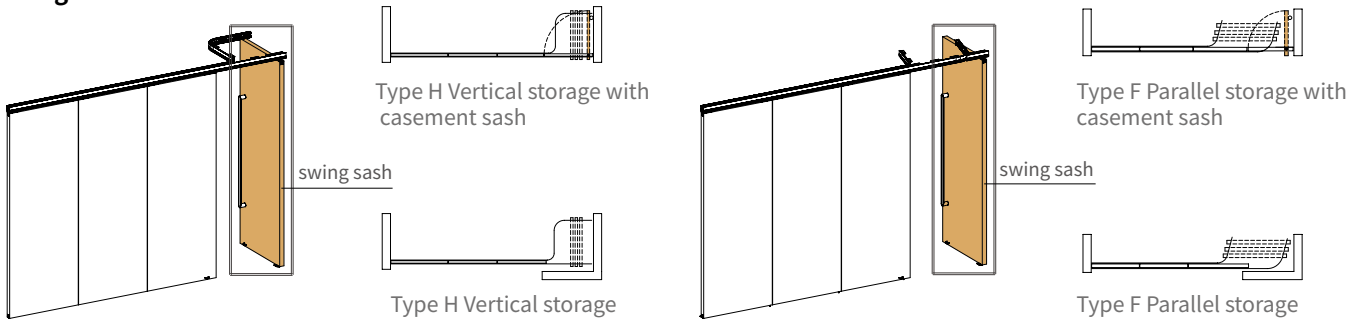
Technical Parameters

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

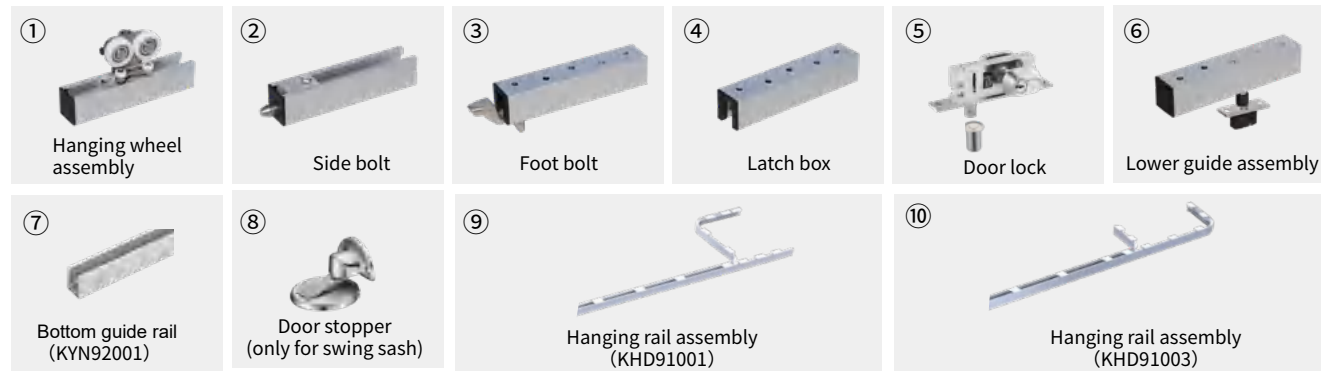
Main materials and surface treatment

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)

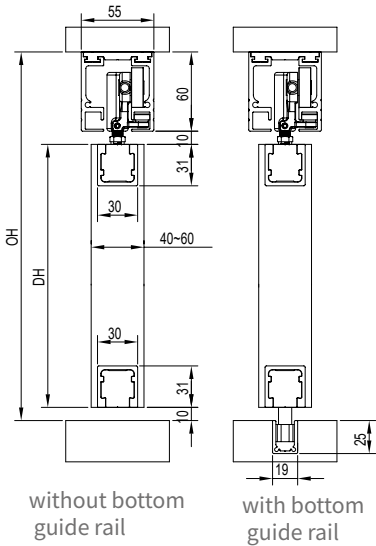
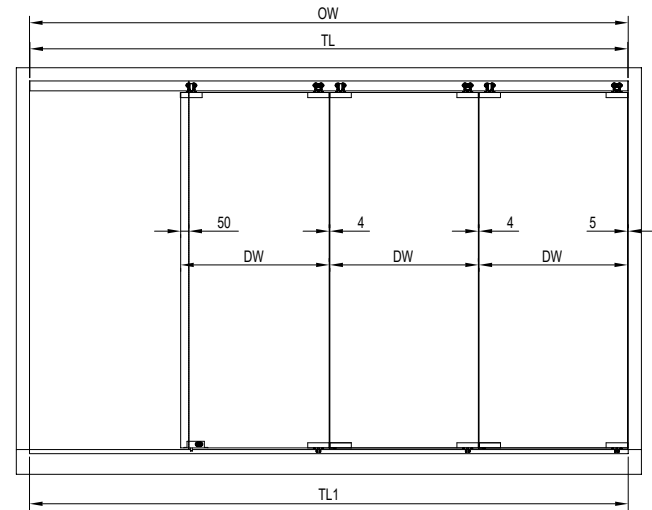
Configuration schematic



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	
KHD5140H	4 sash	
KHD5150H	5 sash	
KHD5160H	6 sash	

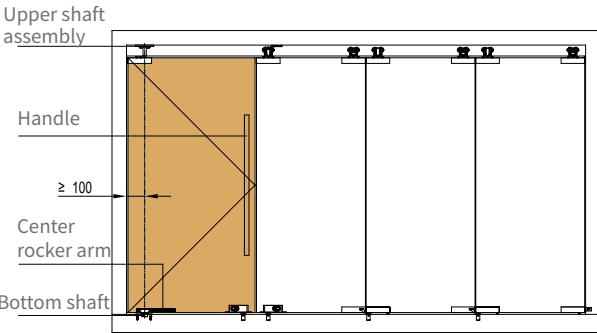
H type with bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD5230H	3 sash	
KHD5240H	4 sash	
KHD5250H	5 sash	
KHD5260H	6 sash	

F type without bottom guide rail configuration

Model	Door sash quantity	Diagram
KHD5130F	3 sash	
KHD5140F	4 sash	
KHD5150F	5 sash	
KHD5160F	6 sash	

Movable partition swing sash accessories KHD96004



Configuration intructions:

- 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 applicable.
- Swing sash must be equipped with door stopper. Door stopper must be ordered separately. Recommended models SMX12215.

Note: Product model does not include lifting rails, lower guide rails

Accessory name	Upper shaft assembly	Center rocker arm	Bottom shaft
Diagram			

12

Accessory



Concealed handle series

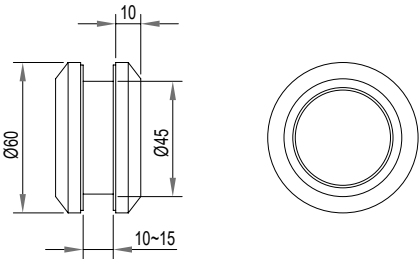


KLS93104 Concealed handle

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

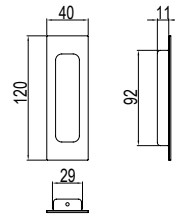


KLS93502 Concealed handle

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

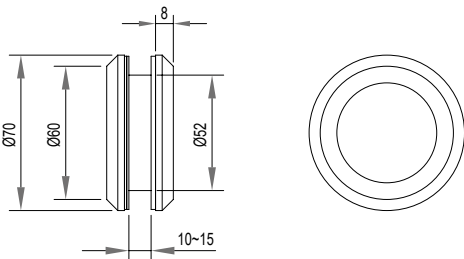


KLS93105 Concealed handle

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

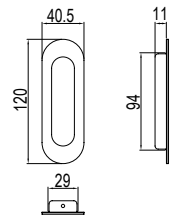


KLS93504 Concealed handle

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



Sliding door handle series

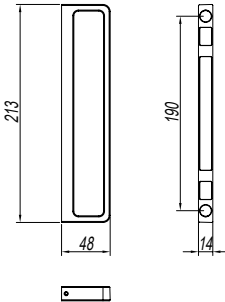


KLS94503 Sliding door handle

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



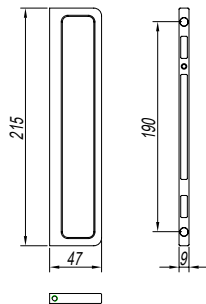
KLS94504A Sliding door handle



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

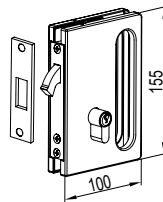


KMS21030 Sliding glass door lock

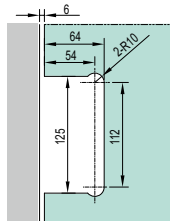
Technical Parameters

Main Material: Internal and external clamps are made of aluminum alloy
Decorative cover is made of the SS304
Surface Finish: Satin / Mirror
Applicable Door Type: Glass sliding door
Applicable Door Thicknes: 10-12mm
Lock form: indoor use knob lock, open, outdoor use key
Installation location: the middle of the door sash

Dimensions



Hole drawing

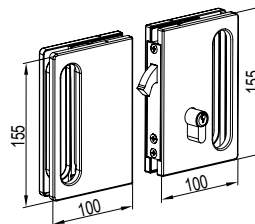


KMS21040 Sliding glass door lock

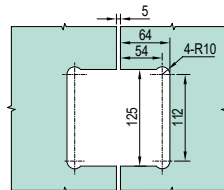
Technical Parameters

Main Material: Internal and external clamps are made of aluminum alloy
Decorative cover is made of the SS304
Surface Finish: Satin / Mirror
Applicable Door Type: Glass sliding door
Applicable Door Thicknes: 10-12mm
Lock form: indoor use knob lock, open, outdoor use key
Installation location: the middle of the door sash

Dimensions

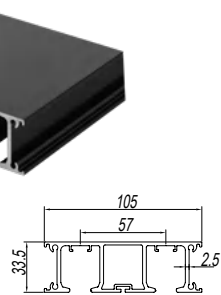


Hole drawing

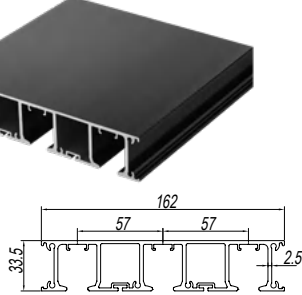


Hanging rail series

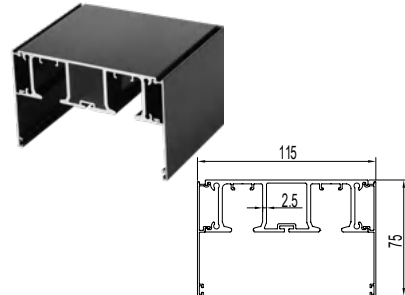
KYN91018
Double row hanging rail



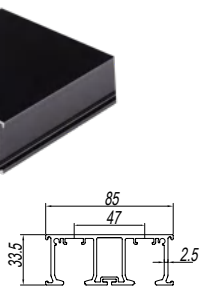
KYN91019
Three rows of hanging rail



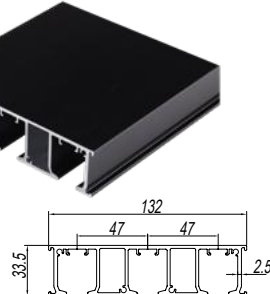
KYN91018B
Double row hanging rail



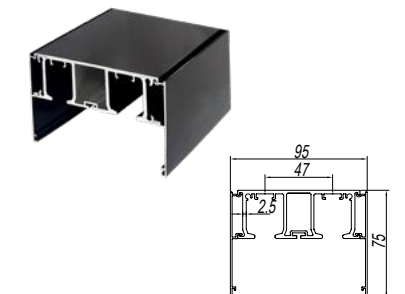
KYN91022
Double row hanging rail



KYN91023
Three rows of hanging rail



KYN91022B
Double row hanging rail



KYN91005 Hanging rail



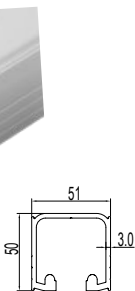
KYN91012 Hanging rail



KYN91013 Hanging rail



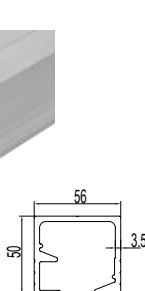
KYN91002 Hanging rail



KYN91004 Hanging rail

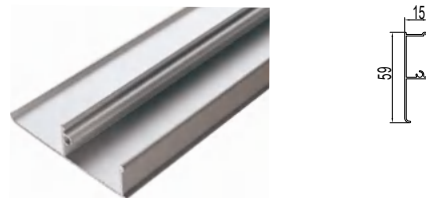


KYN91008 Hanging rail



Decorative plate Side-mounted components

KYN52207 Decorative plate



Can be used with KYN91005, KYN91010, KYN91013

KYN97001
Hanging rail Side-mounted components



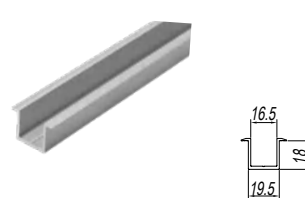
3 per meter recommended

Lower guide rail series

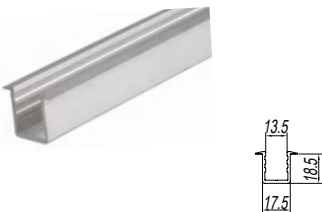
KYN92001 Lower guide rail



KYN92002 Lower guide rail

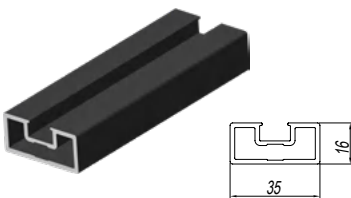


KYN92003 Lower guide rail

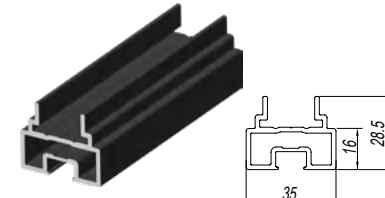


Narrow frame profiles series

KZP35002 3516 Single-glass
smooth vertical profile



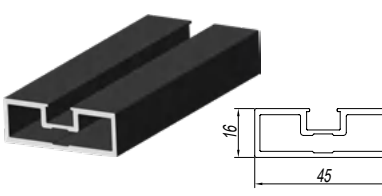
KZP35003 3516 Upper and bottom
profiles for single glass



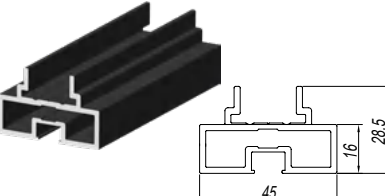
KZP93002 3516 Corner joint



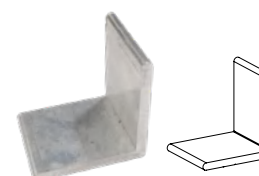
KZP45008 4516 Single-glass
smooth vertical profile



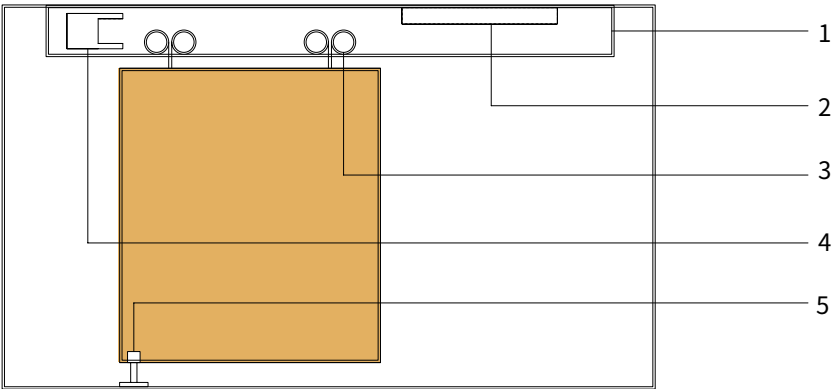
KZP45009 4516 Upper and bottom
profiles for single glass



KZP93005 4516 Corner joint

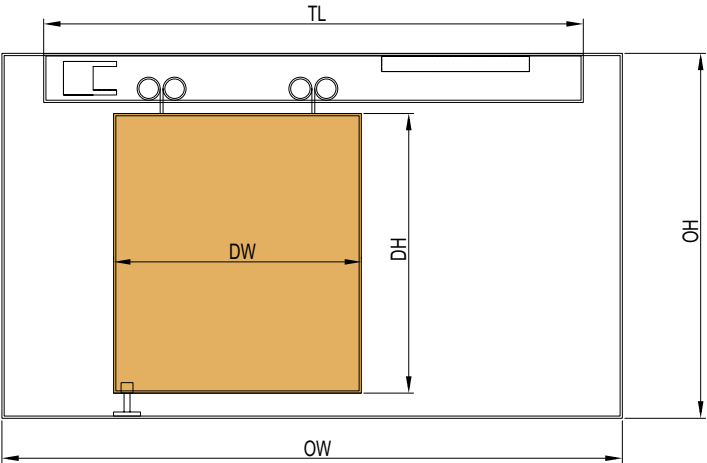


Noun definition



- 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

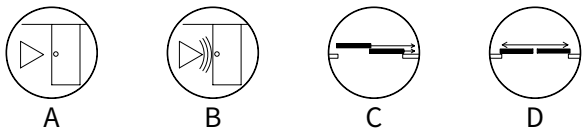
Size instruction



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

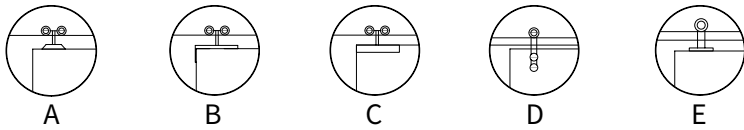
Functions

- 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 effect
- C-Synchronous co-directional linkage door: When one door is pulled, the other (multiple) is opened in the same direction
- D-Synchro-opposite linkage door: When one door is pulled, the other (multiple) is opened in the opposite direction

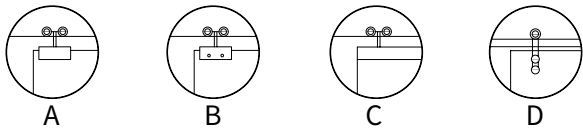


Common fixing types for hanging wheel and door sash

- 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

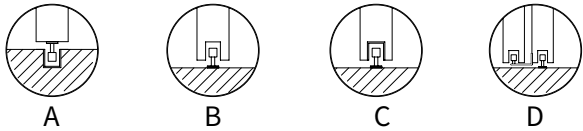


- Glass sliding door
 - A- short patch type: installed at a distance from the end of the door sash, no need to open the glass
 - B-Short patch hole type: installed at a distance from the end of the door sash, the glass needs to drill holes
 - C-Long patch type: The glass patch is generally the same width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

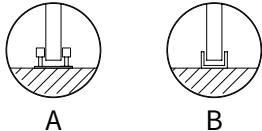


Common installation types of Door bottom guide fitting

- 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



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

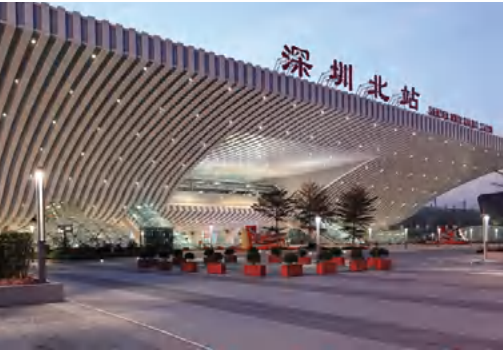
Hotel



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 Xincheng International Airport
Ningbo Lishe International Airport
Xiangyang Airport
Baoan 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