

CONTENT

Horizontal door series products

Sliding door series products

Rotary door series products

Other accessories

Product features:



Contact free



Mute



Convenience



Aesthetics



Diversity



reliability



Functionality



individualization



Environmental protection



Security



Powerful

Maximum drive door weight 250kg (K20 Series)

Permanent magnet synchronous motor and high-grade magnets enables a greater torque.

Ultra silent

Less than 50 dB

The use of a permanent magnet synchronous motor enables the maximum speed of the motor to be 300 rpm, and the operation is ultra quiet.

Smart

Adaptive door weight

The system automatically detects the door weight and adapts the corresponding torque to keep the door running at a stable speed.

Long life

More than 500,000 cycle test

Permanent magnet synchronous motor, high-precision bearings, alloy gears, high-precision gear hobbing technology, enable longer service life of the equipment.

Small size

480*70*70mm (K20 concealed)

The motor maintains a maximum speed of 300 rpm without complex deceleration design and is smaller.

Anti pinch

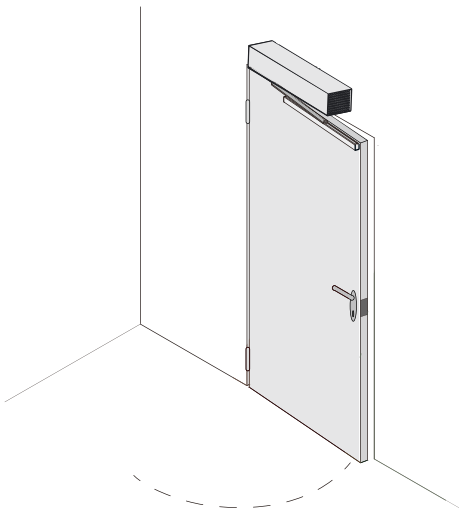
Return function in case of obstruction

When the door is running and bumps into people or other obstacles, the operator quickly determines that it is blocked and runs in reverse direction to ensure safety.

APP

App debugging

Mobile app debugging eliminates complex debugging and makes product installation and debugging more convenient.





Double opening linkage

Two units are used to control double doors to open synchronously, and only one wire is needed to connect the two sets for communication.



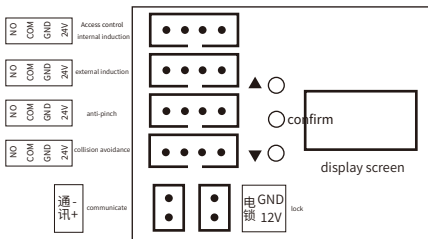
Hold-open Function

When the door is fully opened, block it for 5 seconds to activate the Hold-Open function. Just pull the door 5 cm towards the closing direction to restart the usual opening/closing process.



Power failure push

In case of power failure, the door can easily be manually opened or closed. The manual operation force is only 20 N.



Rich interfaces

The product presents an external interface to facilitate connection of additional equipment and improve the user experience.



hospital



school



Shopping Mall



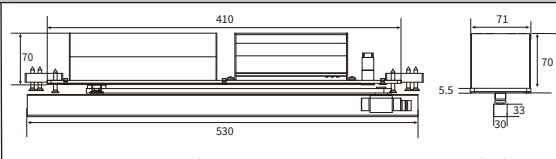
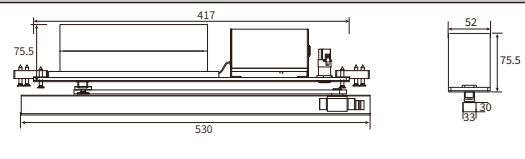
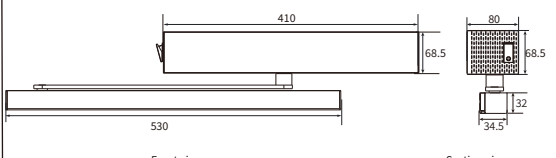

Office space



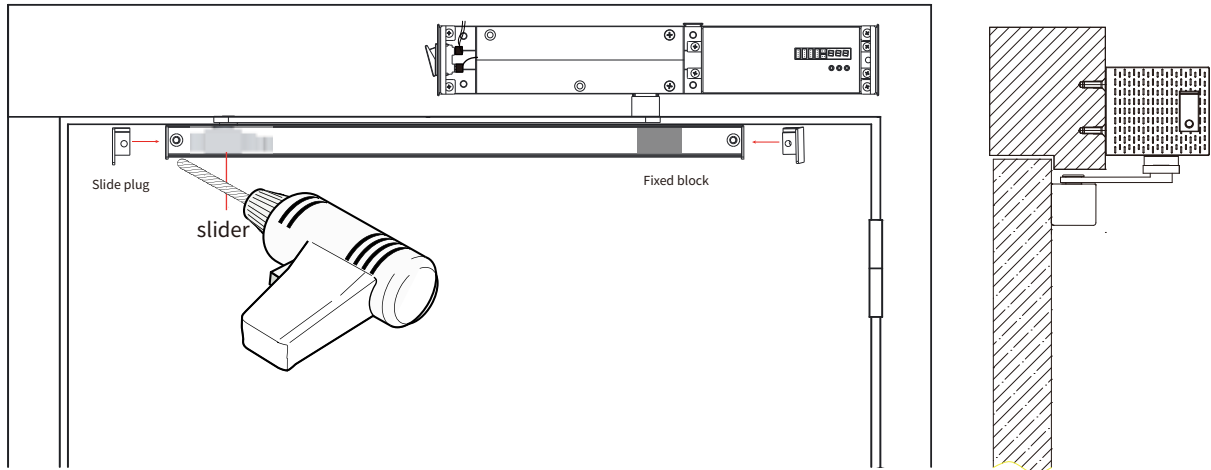
Public toilets

Entrance, rehabilitation center, nursing home, hotel.....

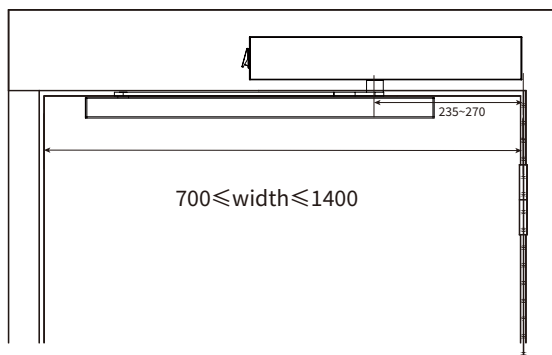


Product model	K20S/C		K15S/C	
Product size	Concealed installation  <p>Front view Section view</p> <p>K20C Body size: 410*71*70mm Sliding arm size: 530*30*33mm</p>	 <p>Front view Section view</p> <p>K15C Body size: 417*52*75.5mm Sliding arm size: 530*29*21mm</p>		
	Surface decoration  <p>Front view Section view</p> <p>K20S Body size: 410*81*68.5mm Sliding arm size: 530*34.5*32mm</p>	 <p>Front view Section view</p> <p>K15S Body size: 420*53*78mm Sliding arm size: 530*21*29mm</p>		
Applicable door weight	Maximum 250kg		Maximum 150kg	
Applicable door width	700-1400mm		700-1100mm	
Opening / closing speed	Maximum : 30°/s		Maximum : 30°/s	
Motor type	Permanent magnet synchronous motor		Permanent magnet synchronous motor	
Maximum torque	60Nm		50Nm	
Minimum manual thrust	20N		20N	
Applied voltage	110-240v		110-240v	
service life	More than 500000 times		More than 500000 times	
External interface	support		support	
Warranty period	2 year		2 year	

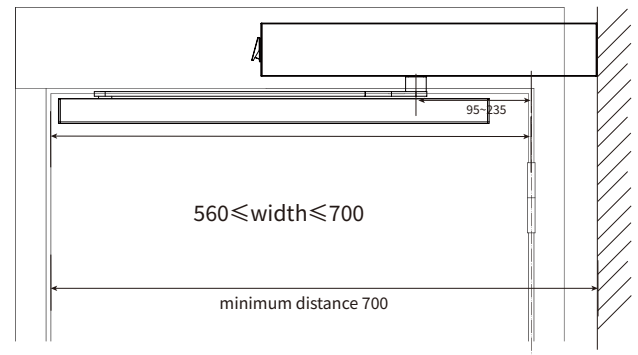
Installation method of surface mounted door operator (please refer to the product manual for detailed installation dimensions and steps)



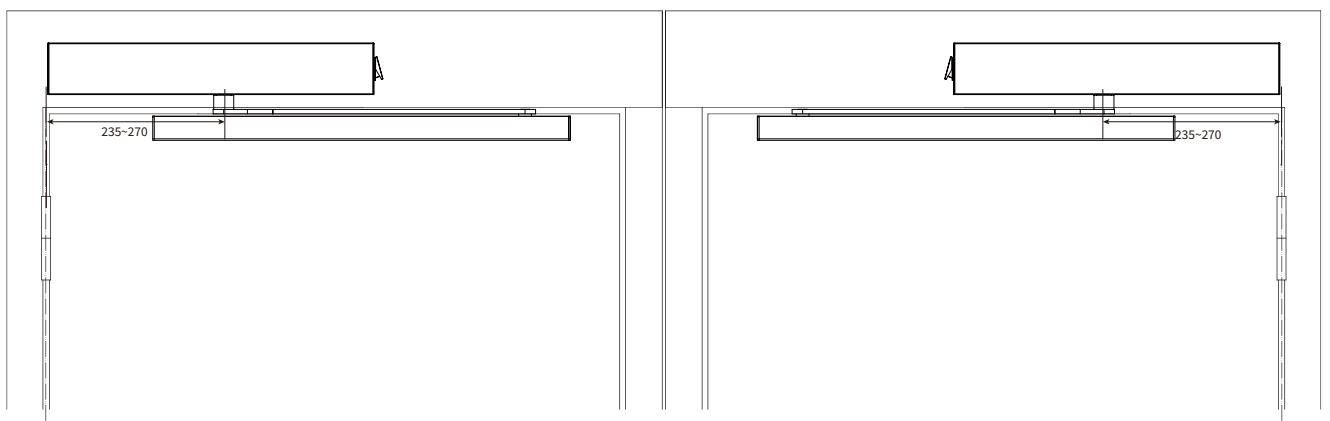
When the door width is greater than 700mm



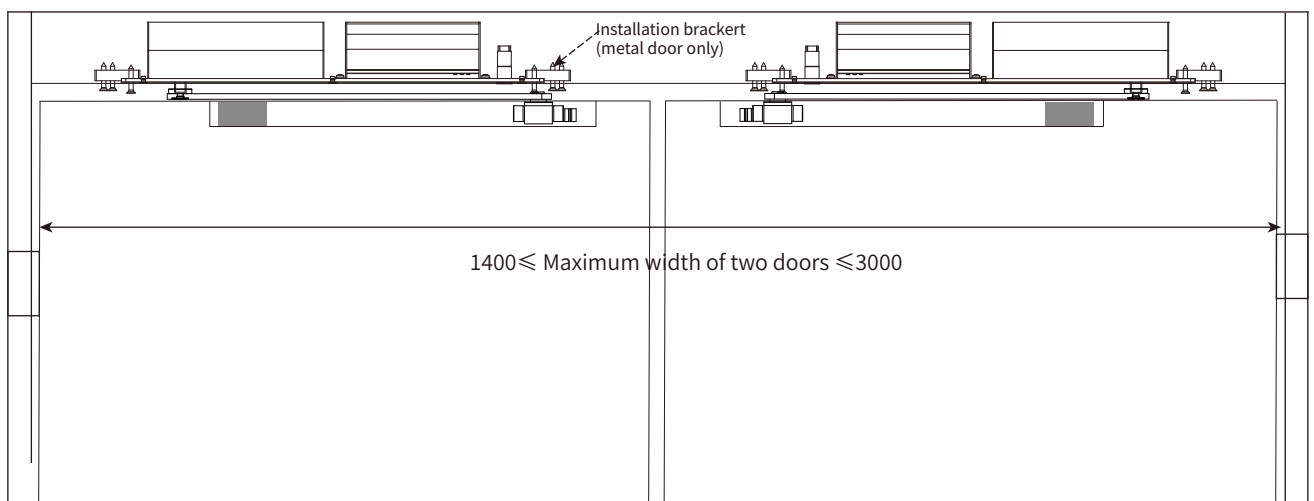
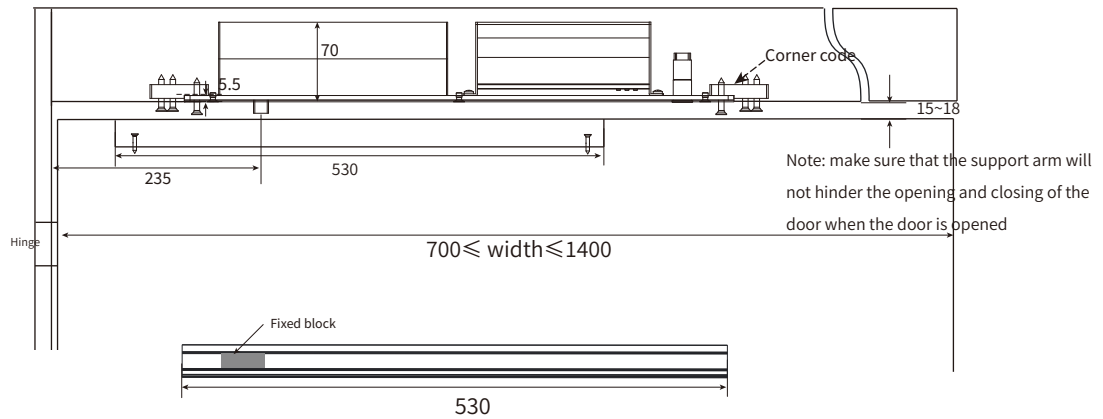
When the door width is less than 700mm



Surface mounted double door



Installation method of concealed door operator (please refer to the product manual for detailed installation dimensions and steps)



List of external equipment

The external interface adopts relay (dry contact) signal, which is convenient for external connection of other equipment.



Access control



Electric lock



Microwave induction



Contact free inductive switch



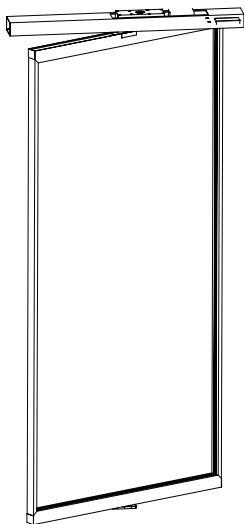
Anti collision sensor



camera sensor



Application scenario



Indoor gate



Hotel partition



Office door



cubicle



Access door

Exhibition center gate,
airport, station,
supermarket entrance.....

High torque, ultra quiet



The use of a permanent magnet synchronous motor, fitted with high-grade magnets, the maximum speed of the motor is 300 rpm, the maximum output torque is 2.4 Nm, and the system does not need reduction gears, which makes the operation more quiet.

Small size and convenient installation



The maximum speed of the motor is 300 rpm, without complex deceleration design, small size and more convenient installation.

APP debugging

Mobile app debugging eliminates complex debugging and makes product installation and debugging more convenient.



Operation noise is lower than 50dB



Noise test comparison	
Phone ring tone	70 Db
A quiet office	50 Db
Direct drive sliding door	<50 Db

Excellent safety and anti pinch

When the door is running and bumps into people or other obstacles, the system quickly determines that it is blocked and runs in the opposite direction to ensure safety.

Life test more than 500,000 cycles

The use of a brushless motor enables the service life to be longer, and the endurance test reaches more than 500,000 cycles.

Power failure push



In case of power failure, the door can be easily opened and closed. It only takes 20N to manually open and close the door.

Intelligent control and automatic direction identification

Ergonomic design, automatically identifies the walking direction, adjusts the opening direction of the system.



Intelligent multi operators linkage

Multiple doors can be opened and closed synchronously to provide rapid traffic capacity



Smart push start

Each door can operated independently. Manually push one of them, and the door leaf rotates in the direction of pushing.
Other linked doors do not start, so that users can open the door at will, enhancing the user experience.

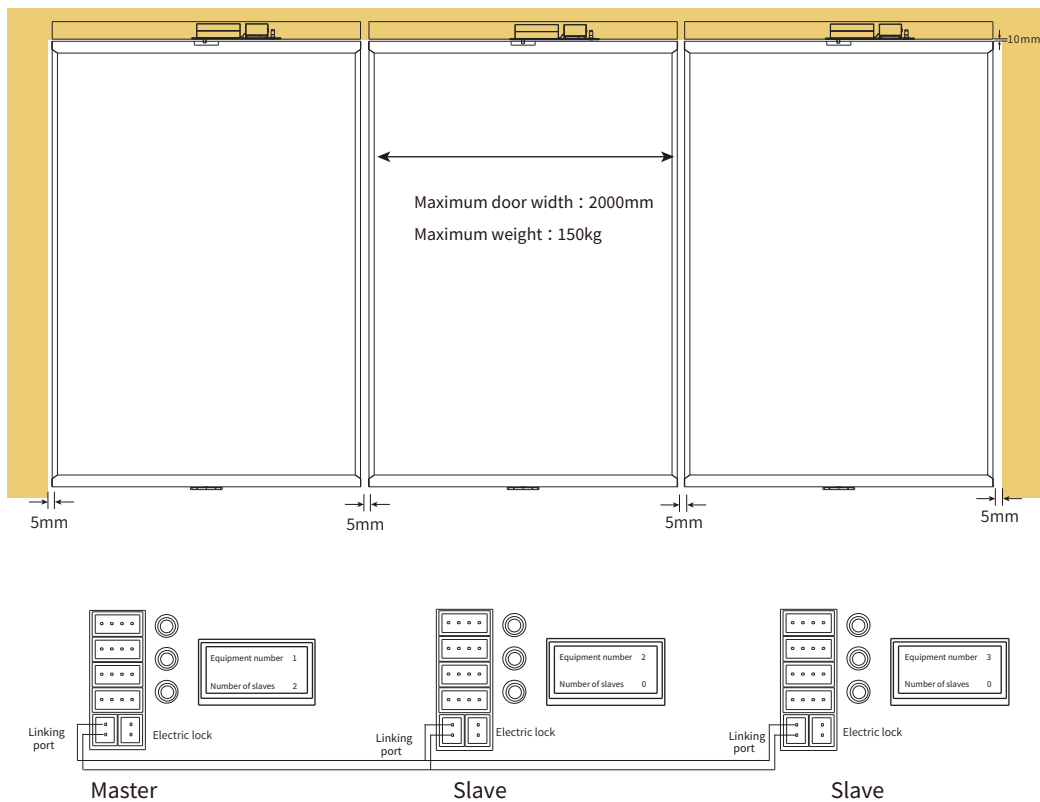


Precise positioning

The perfect combination of mechanical and electric. All door leaves can be accurately positioned
on the same zero position when closed.



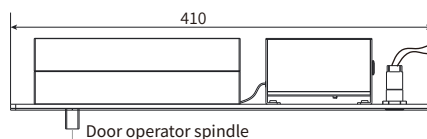
K2PC Central Pivot Door



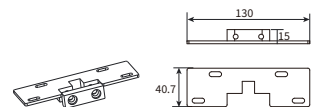
Product parameters and accessories

- Door form: single door / double door / multiple doors
- Scope of application: Indoor
- Input voltage: AC100-240V 50-60Hz
- Output voltage: dc24v/12v
- Maximum power consumption: $\leq 120W$
- Static power consumption: 25W
- Opening time: 4-10s (adjustable)
- Door opening holding time: 1-30s (adjustable)
- Resistance sensitivity:
- Opening and closing speed: adjustable in third gear
- Silence requirements: the operating noise is less than 50 dB
- Applicable door weight: $\leq 150kg$
- Suitable door width: 700-2000mm
- Manual opening force: $\leq 10N$
- Applicable temperature: $-30 - 50^{\circ}C$
- Durable performance of repeated opening and closing: >500000 times

Central pivot door

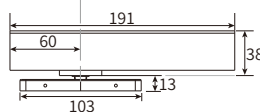


Door operator spindle



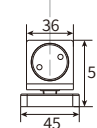
Spindle clamp bracket

Used for fixing door leaf and door operator spindle.

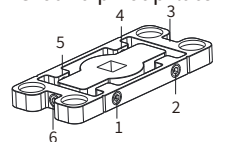


positioner

It is used to fix the door leaf so that it is in the same position every time it is closed.



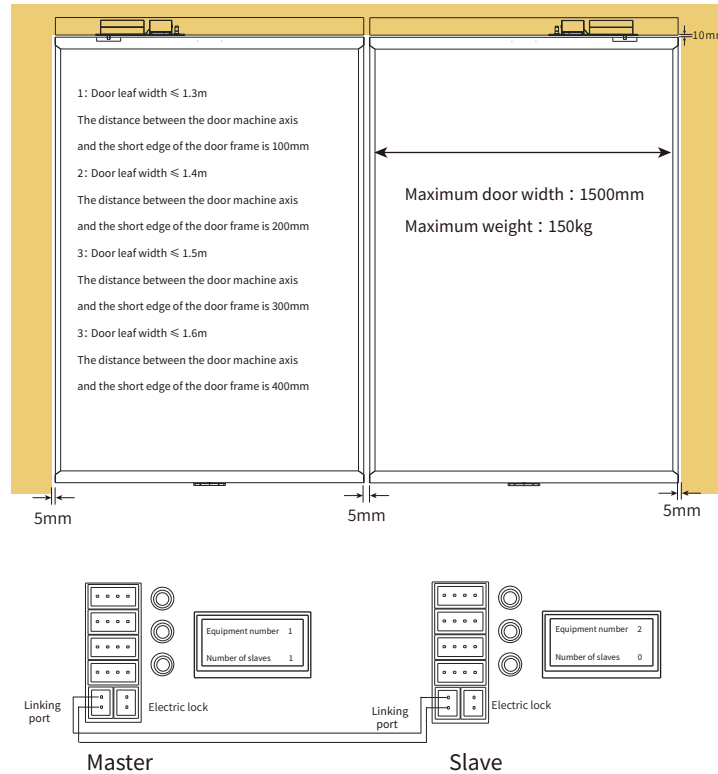
Ground pivot plate



regulating screw

Adjust the door leaf, positioner and the shaft of the door opener on the same axis by adjusting screws.

K20P Pivot door



Product parameters and accessories

Door form: single door / double door / multiple doors

Scope of application: Indoor

Input voltage: AC100-240V 50-60Hz

Output voltage: dc24v/12v

Maximum power consumption: $\leq 120\text{W}$

Static power consumption: 25W

Opening time: 4-10s (adjustable)

Door opening holding time: 1-30s (adjustable)

Resistance sensitivity:

Opening and closing speed: adjustable in third gear

Silence requirements: the operating noise is less than 50 dB

Applicable door weight: $\leq 150\text{kg}$

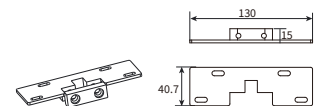
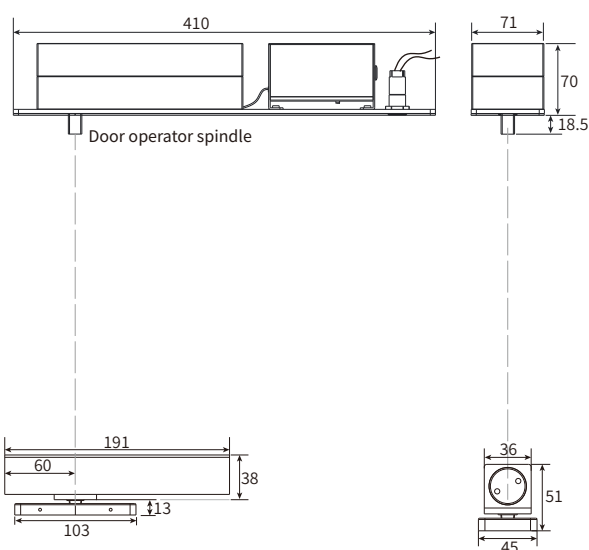
Suitable door width: 700-1500mm

Manual opening force: $\leq 10\text{N}$

Applicable temperature: $-30 - 50^\circ\text{C}$

Durable performance of repeated opening and closing: >500000 times

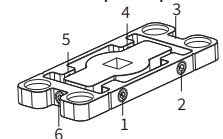
Central pivot door



Spindle clamp bracket

Used for fixing door leaf and door operator spindle.

Ground pivot plate



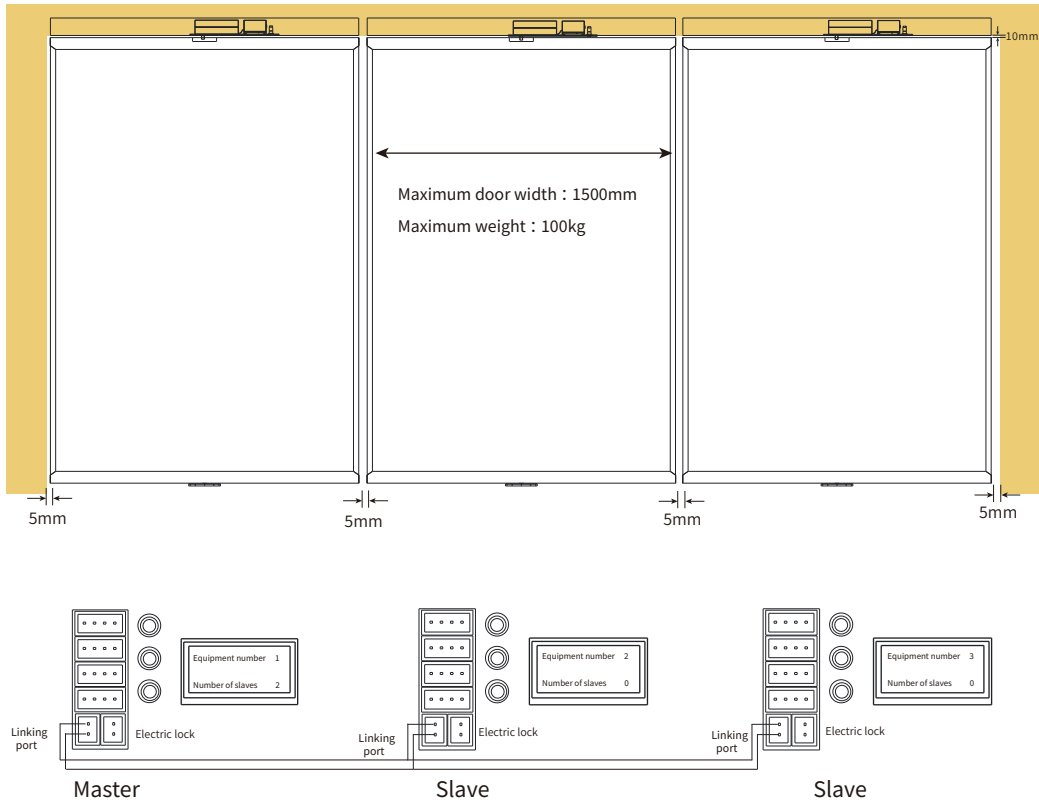
regulating screw

Adjust the door leaf, positioner and the shaft of the door opener on the same axis by adjusting screws.

positioner

It is used to fix the door leaf so that it is in the same position every time it is closed.

K15PC Central Pivot Door



Product parameters and accessories

Door form: single door / double door / multiple doors

Scope of application: Indoor

Input voltage: AC100-240V 50-60Hz

Output voltage: dc24v/12v

Maximum power consumption: $\leq 120W$

Static power consumption: 25W

Opening time: 4-10s (adjustable)

Door opening holding time: 1-30s (adjustable)

Resistance sensitivity:

Opening and closing speed: adjustable in third gear

Silence requirements: the operating noise is less than 50 dB

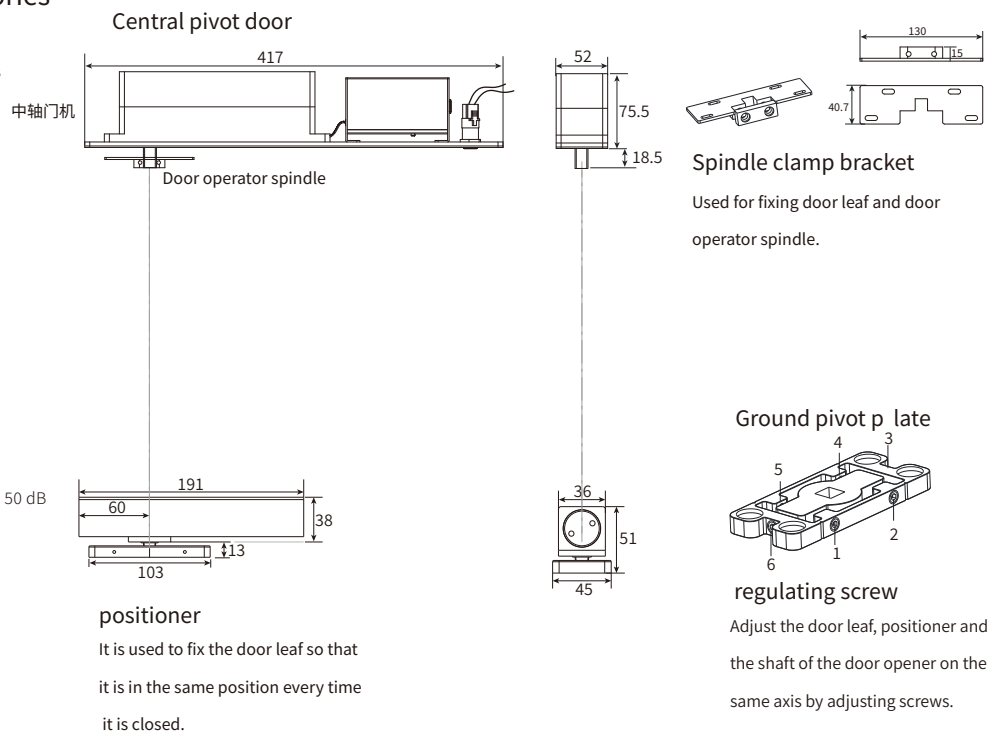
Applicable door weight: $\leq 100kg$

Suitable door width: 700-1500mm

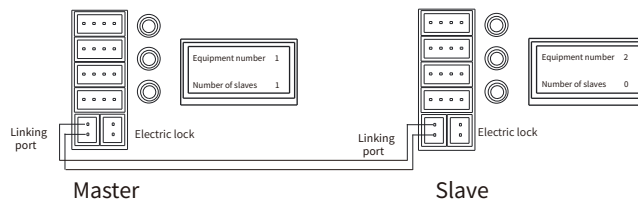
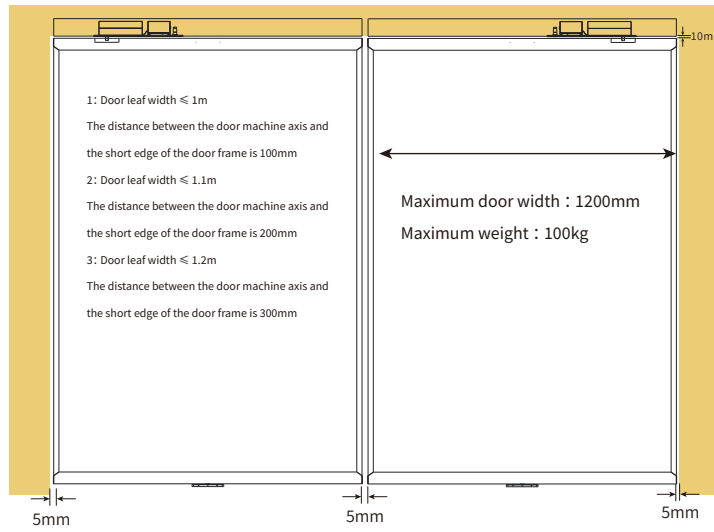
Manual opening force: $\leq 10N$

Applicable temperature: $-30 - 50^{\circ}C$

Durable performance of repeated opening and closing: > 500000 times



K15P Pivot door



Product parameters and accessories

Door form: single door / double door / multiple doors

Scope of application: Indoor

Input voltage: AC100-240V 50-60Hz

Output voltage: dc24v/12v

Maximum power consumption: $\leq 120\text{W}$

Static power consumption: 25W

Opening time: 4-10s (adjustable)

Door opening holding time: 1-30s (adjustable)

Resistance sensitivity:

Opening and closing speed: adjustable in third gear

Silence requirements: the operating noise is less than 50 dB

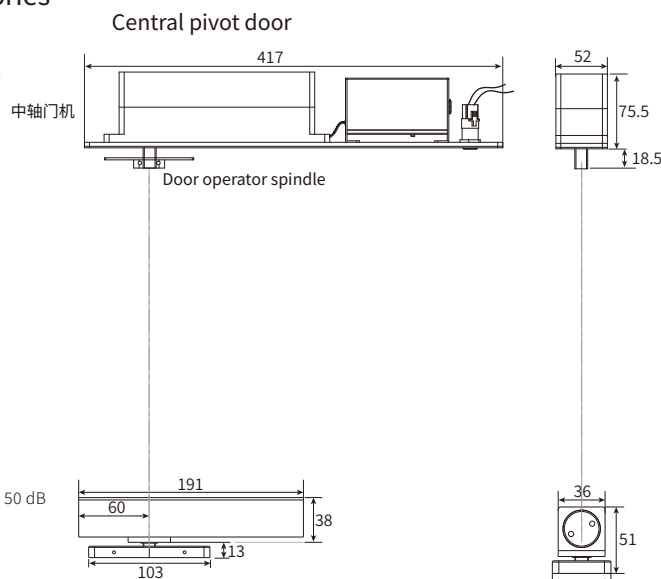
Applicable door weight: $\leq 100\text{kg}$

Suitable door width: 700-1200mm

Manual opening force: $\leq 10\text{N}$

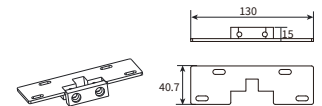
Applicable temperature: $-30 - 50^\circ\text{C}$

Durable performance of repeated opening and closing: >500000 times



positioner

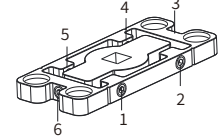
It is used to fix the door leaf so that it is in the same position every time it is closed.



Spindle clamp bracket

Used for fixing door leaf and door operator spindle.

Ground pivot plate

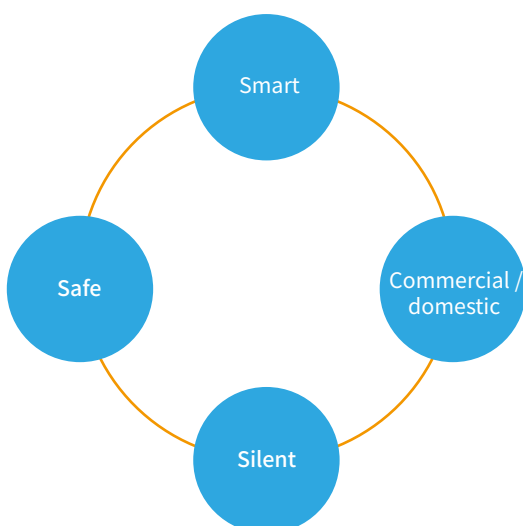


regulating screw

Adjust the door leaf, positioner and the shaft of the door opener on the same axis by adjusting screws.



The world's leading smart sliding door



Automatic learning function

Resistance protection function

Full hold-open function

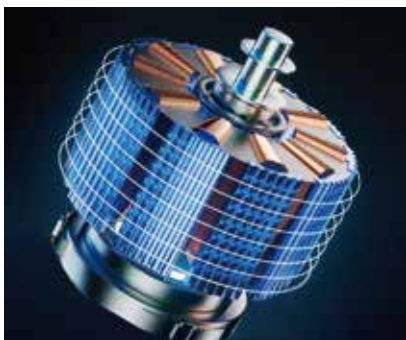
Schock protection function

Automatic locking function

Self learning function

Power on to automatically learn the travel, automatically identify the weight of the door, and adapt the corresponding torque according to the weight of the door, so that the door can maintain a stable running speed.

High torque, ultra quiet



The use of a permanent magnet synchronous motor, fitted with high-grade magnets, the maximum speed of the motor is 300 rpm, the maximum output torque is 2.4 Nm, and the system does not need reduction gears, which makes the operation more quiet.

Integrated design of motor and control board.



With the integrated design of motor and control board, there is no complex wiring. This brings an easy installation and after-sales maintenance.

Less than 50 Db operation noise.



Noise test comparison	
Phone ring tone	70 Db
A quiet office	50 Db
Direct drive sliding door	<50 Db

Excellent safety and anti pinch

When the door is running and bumps into people or other obstacles, the system quickly determines that it is blocked and runs in the opposite direction to ensure safe operation.

More than 500,000 cycles test.

The use of a brushless motor enables the service life to be longer, and the endurance test reaches more than 500,000 cycles.

Product parameter list

Voltage and current	Voltage: 24V 4a (maximum)
Motor type	Permanent magnet synchronous motor
Maximum torque	2.4 Nm
Manual thrust	20N
working temperature	-40°C-60°C
Insulation class	Level B
Door opening / closing speed	200mm/s—400mm/s
Synchronous belt model	HTD-5M

Manual start

When the door is pulled 5 cm towards the opening direction, the door will automatically open. The door will then automatically close within 5S by default. (The dwell time can be set to up to 30 seconds).



Auxiliary interface

Abundant external interfaces are reserved to facilitate the external connection of other devices and increase the user's sense of experience.



App commissioning

Mobile app debugging eliminates complex debugging and makes product installation and debugging more convenient.



Power failure can also be easily turned on

The motor adopts direct drive without reducer, so it can be used as a manual door in case of power failure and other emergencies. The manual operation force is only 20 N.

List of external equipment

The external interface adopts relay (dry contact) signal to facilitate external connection to other equipment.



Access control device



Electric bolt lock



Microwave induction



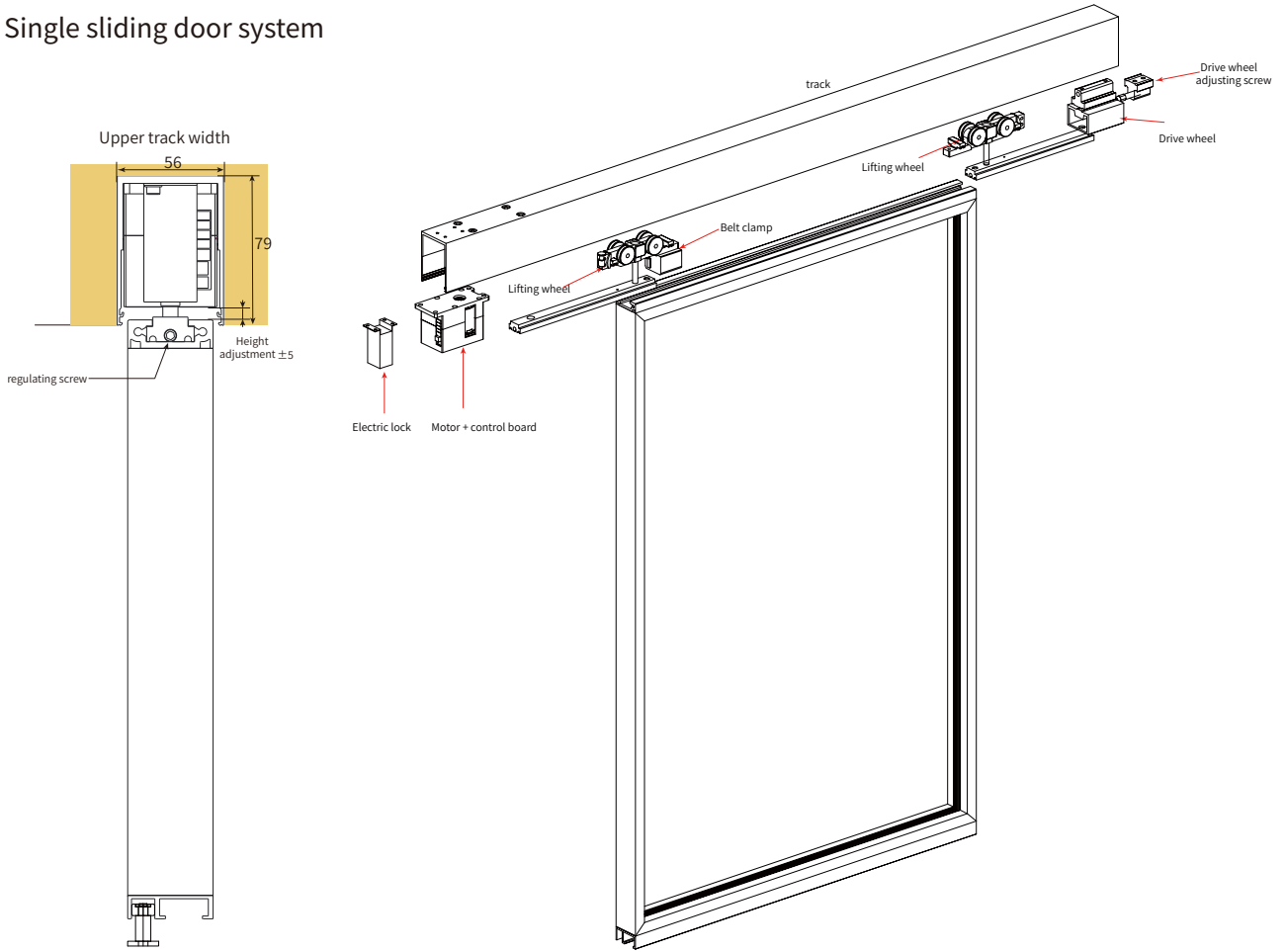
Contact free inductive switch



Microwave induction

40 SSD

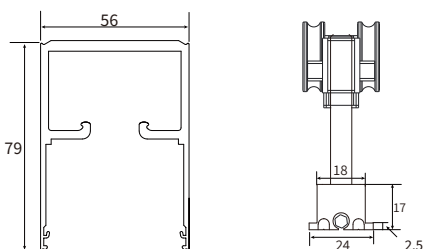
Single sliding door system



Single door

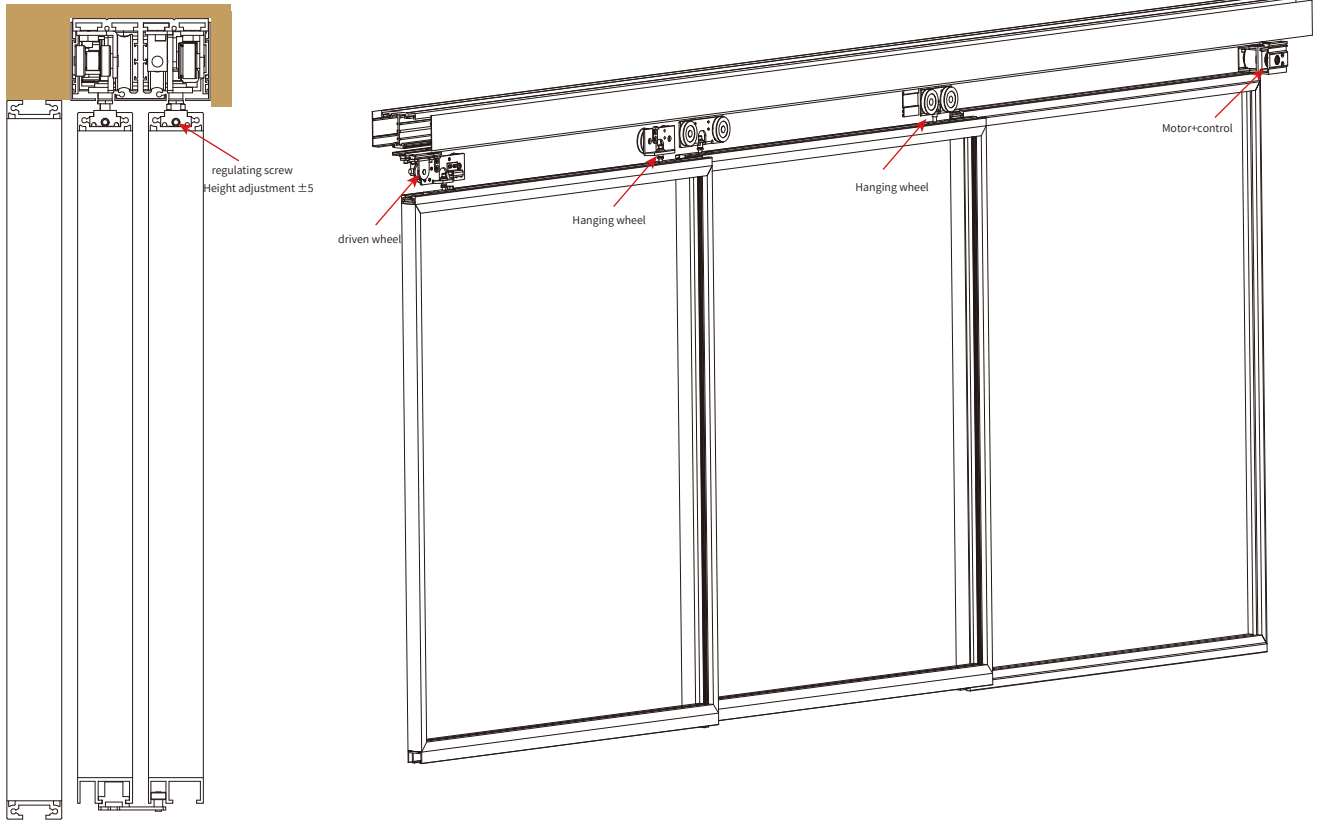


double door

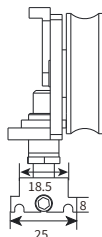
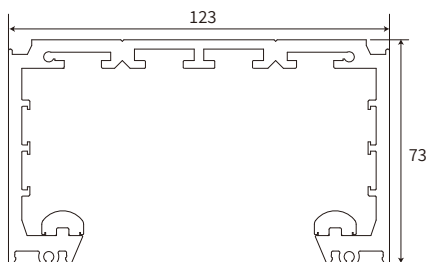


Opening and closing type	Single door	Double door
Door leaf weight (kg) x leaf	100kgx1	70kgx2
Door leaf width	Minimum width 650mm, maximum width 1300mm	
Door opening / closing speed	200mm/s—400mm/s	
Door opening dwell time	0-30s Adjustable	
Input voltage and rated power	Voltage:110-240v power:100w	
Manual thrust	20N	
Motor type	Permanent magnet synchronous motor	
Maximum torque	1.2 Nm	

40 TD
Telescopic door system

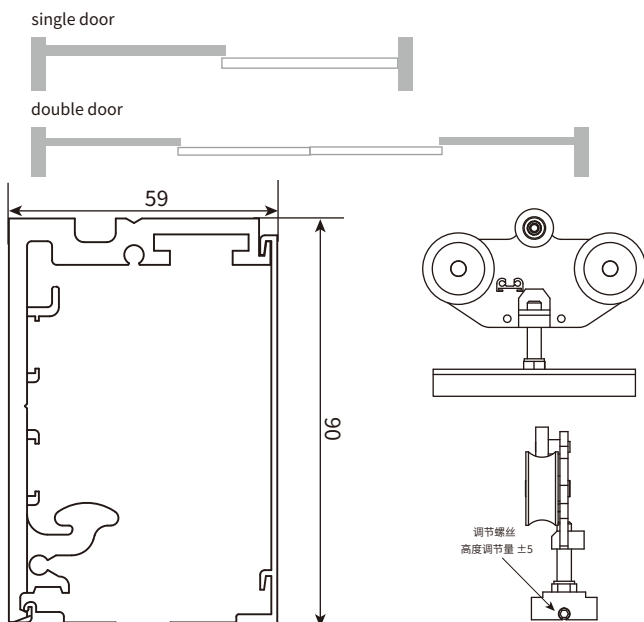
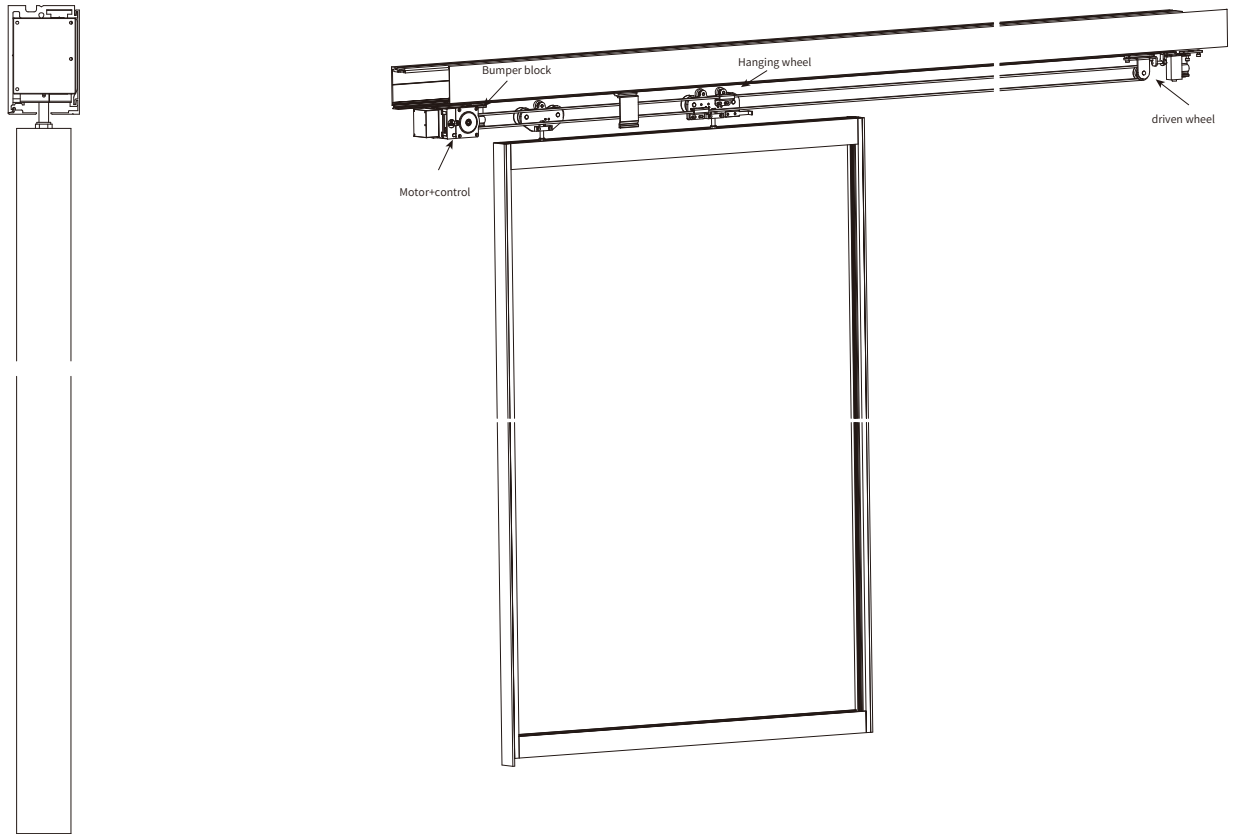


2 leaf synchronised door:2+0/2+1



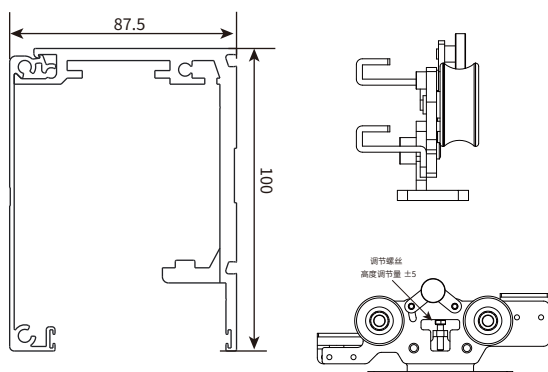
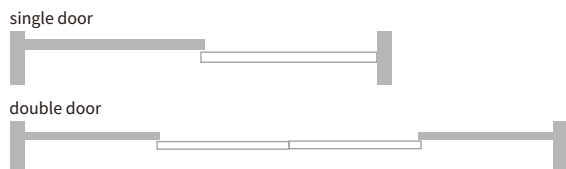
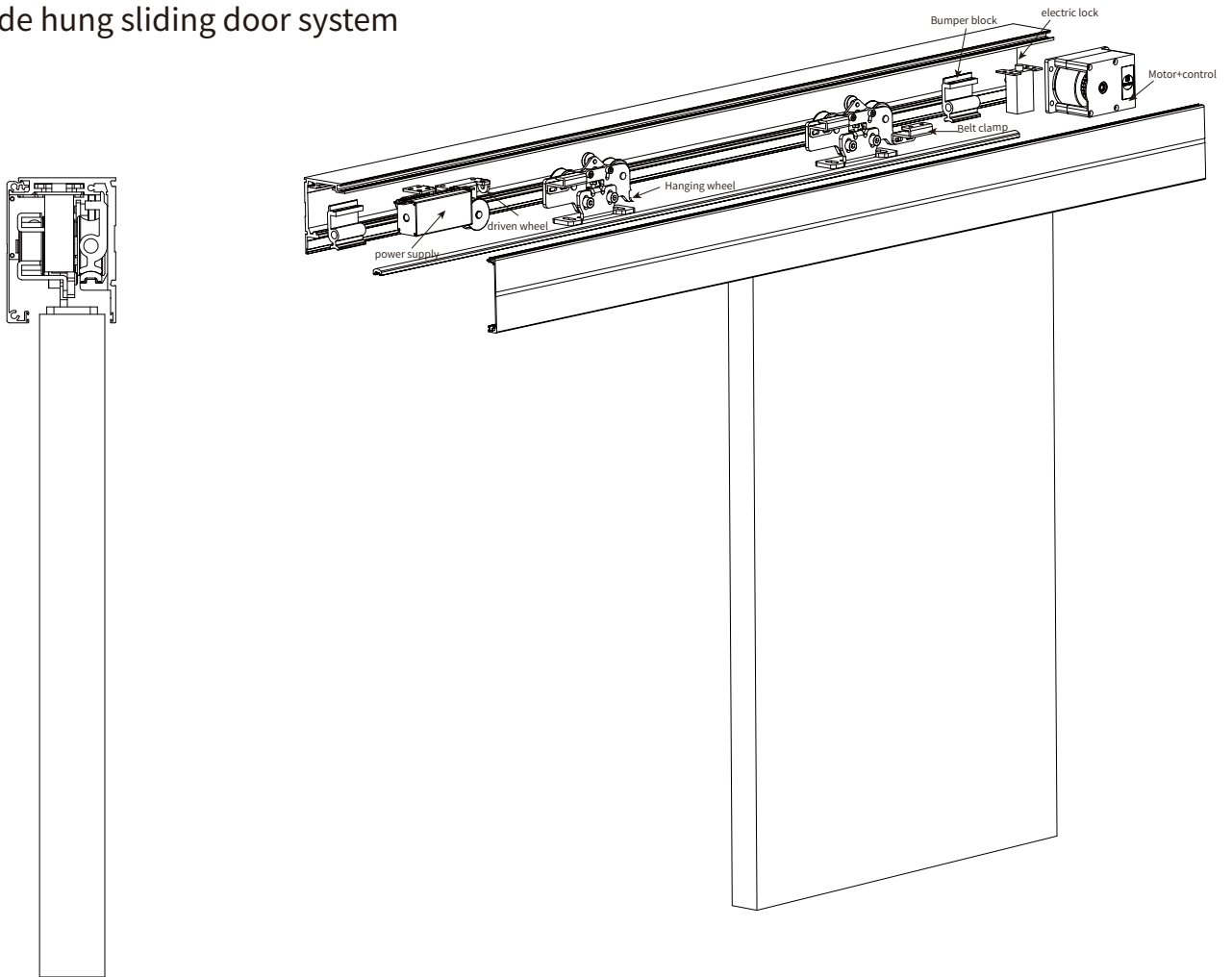
Opening and closing type	2 leaf synchronised door
Door leaf weight (kg) x leaf	80kgx2
Door leaf width	Minimum width 650mm, maximum width 1000mm
Door opening / closing speed	200mm/s—400mm/s
Door opening dwell time	0-30s Adjustable
Input voltage and rated power	Voltage:110-240v power:100w
Manual thrust	20N
Motor type	Permanent magnet synchronous motor
Maximum torque	1.2 Nm

60-B SSD
Side hung/top mounted sliding door system



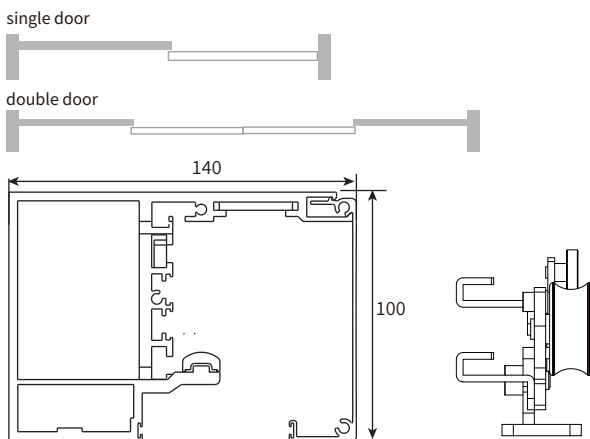
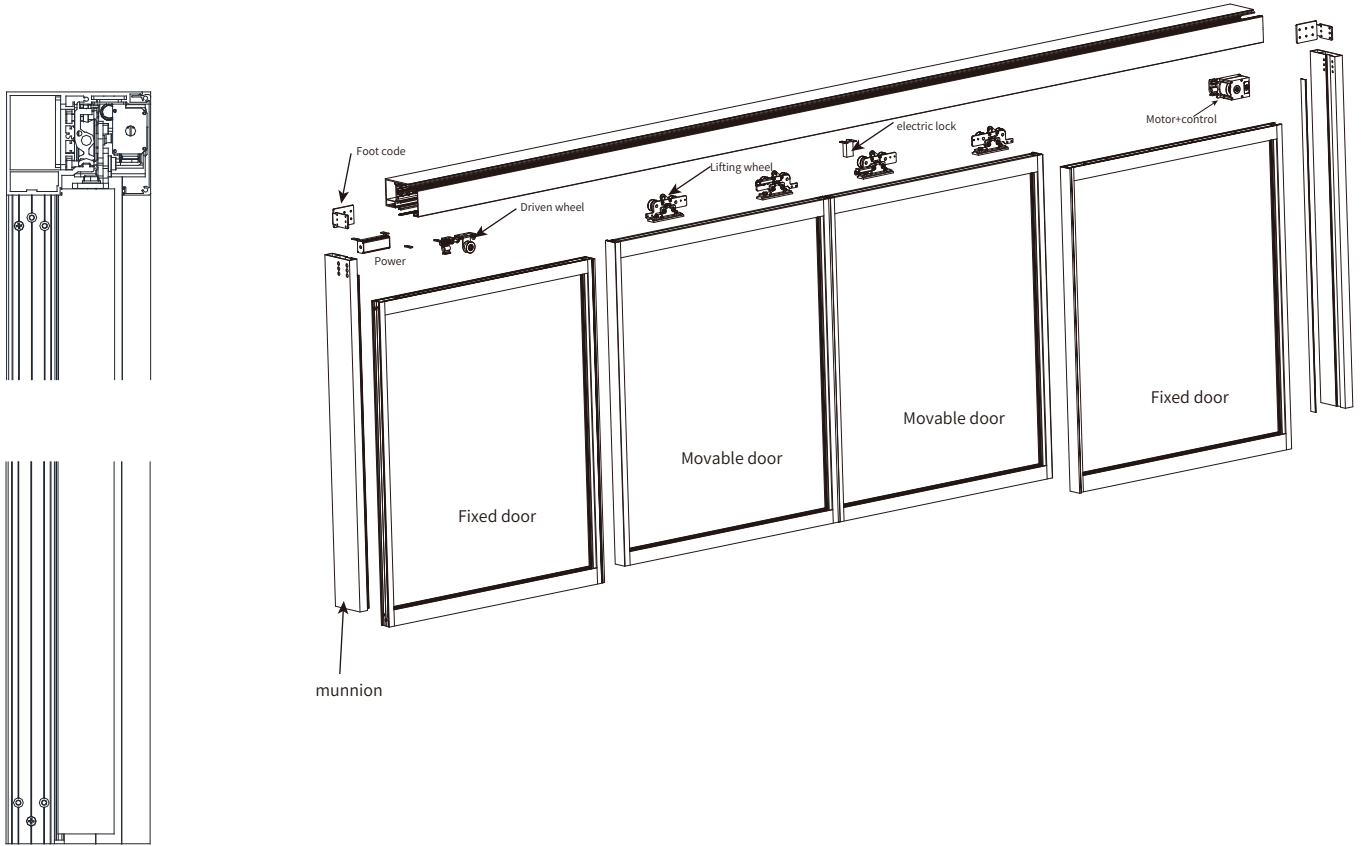
Opening and closing type	Single door	Double door
Door leaf weight (kg) x leaf	150kg	100kgx2
Door leaf width	Minimum width 650mm, maximum width 1500mm	
Door opening / closing speed	200mm/s—400mm/s	
Door opening dwell time	0-30s Adjustable	
Input voltage and rated power	Voltage:110-240v power:100w	
Manual thrust	20N	
Motor type	Permanent magnet synchronous motor	
Maximum torque	2.2 Nm	

60-A SSD
Side hung sliding door system



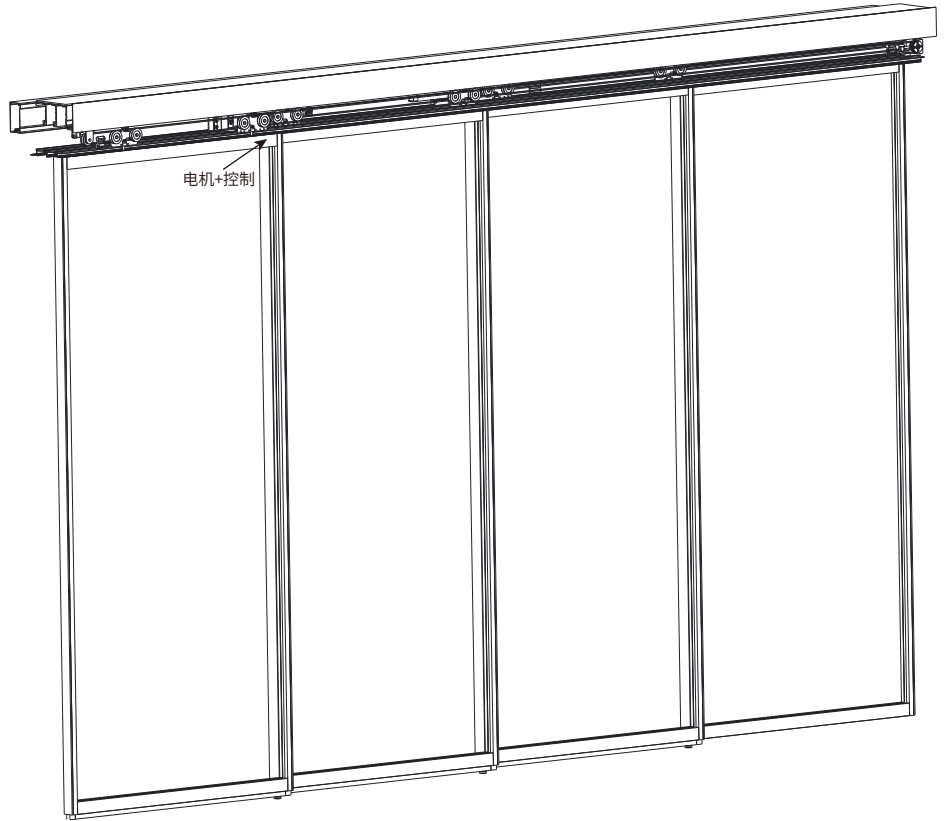
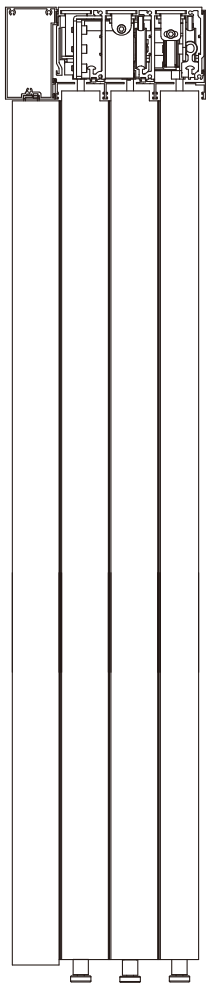
Opening and closing type	Single door	Double door
Door leaf weight (kg) x leaf	180kg	100kgx2
Door leaf width	Minimum width 650mm, maximum width 1500mm	
Door opening / closing speed	200mm/s—400mm/s	
Door opening dwell time	0-30s Adjustable	
Input voltage and rated power	Voltage:110-240v power:100w	
Manual thrust	20N	
Motor type	Permanent magnet synchronous motor	
Maximum torque	2.2 Nm	

60 DSD
double sliding door system

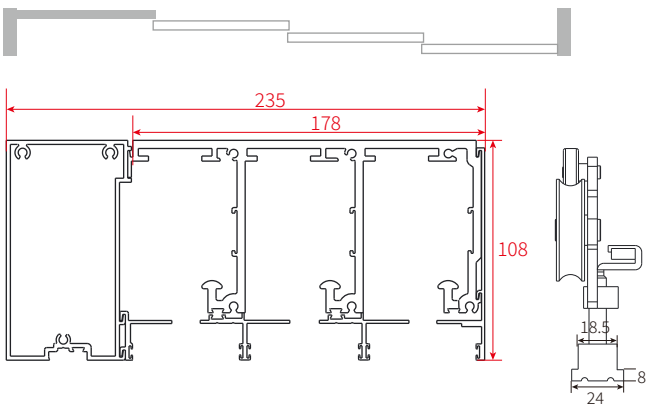


Opening and closing type	Double door
Door leaf weight (kg) x leaf	100kgx1
Door leaf width	Minimum width 650mm, maximum width 1500mm
Door opening / closing speed	200mm/s—400mm/s
Door opening dwell time	0-30s Adjustable
Input voltage and rated power	Voltage:110-240v power:100w
Manual thrust	20N
Motor type	Permanent magnet synchronous motor
Maximum torque	2.2 Nm

60 direct drive
Linkage door system

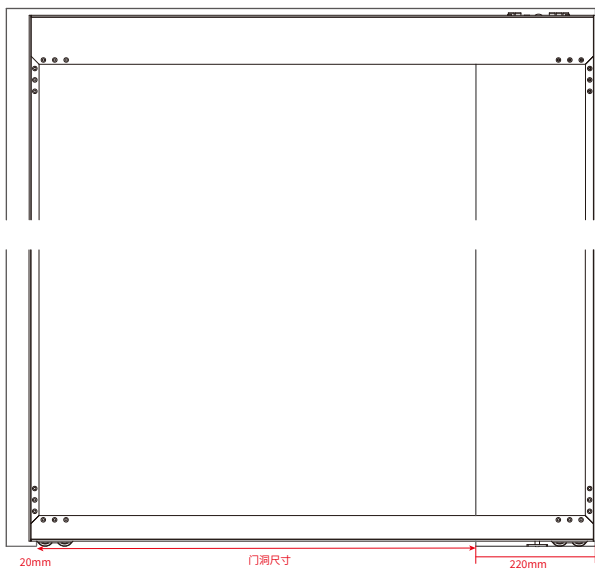
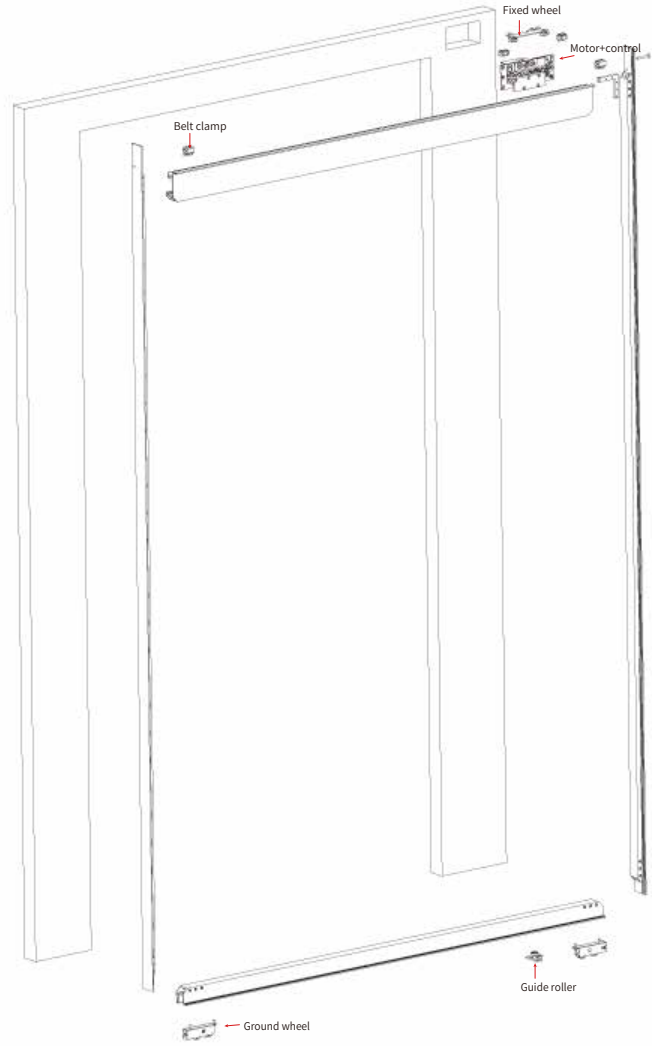
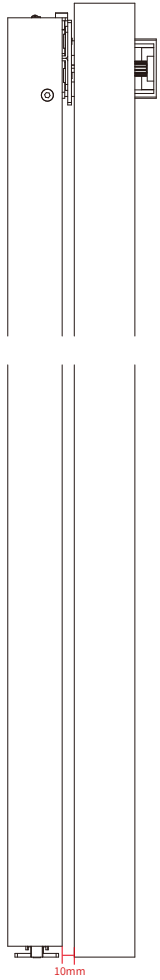


3 Synchronised doors :2+1/3+0/3+1



Opening and closing type	3 Synchronised doors
Door leaf weight (kg) x leaf	100kgx3
Door leaf width	Minimum width 650mm, maximum width 1500mm
Door opening / closing speed	200mm/s—400mm/s
Door opening dwell time	0-30s Adjustable
Input voltage and rated power	Voltage:110-240v power:100w
Manual thrust	20N
Motor type	Permanent magnet synchronous motor
Maximum torque	2.2 Nm

40 direct drive
CHOST door System



Opening and closing type	Single door
Door leaf weight (kg) x leaf	80kgx1
Door leaf width	Minimum width 650mm, maximum width 1000mm
Door opening / closing speed	200mm/s—400mm/s
Door opening dwell time	0-30s Adjustable
Input voltage and rated power	Voltage:110-240v power:100w
Manual thrust	10N
Motor type	Permanent magnet synchronous motor
Maximum torque	1.2 Nm



Magnetic levitation sliding door system



Intelligent security

Adopting advanced vector control methods, it is sensitive to obstacles and has a fast response speed, avoiding the occurrence of pinch injuries

Stable and durable

Advanced vector control method makes the door leaf more stable during movement
Direct drive motor, simple structure, no lifespan limit

Silent and comfortable

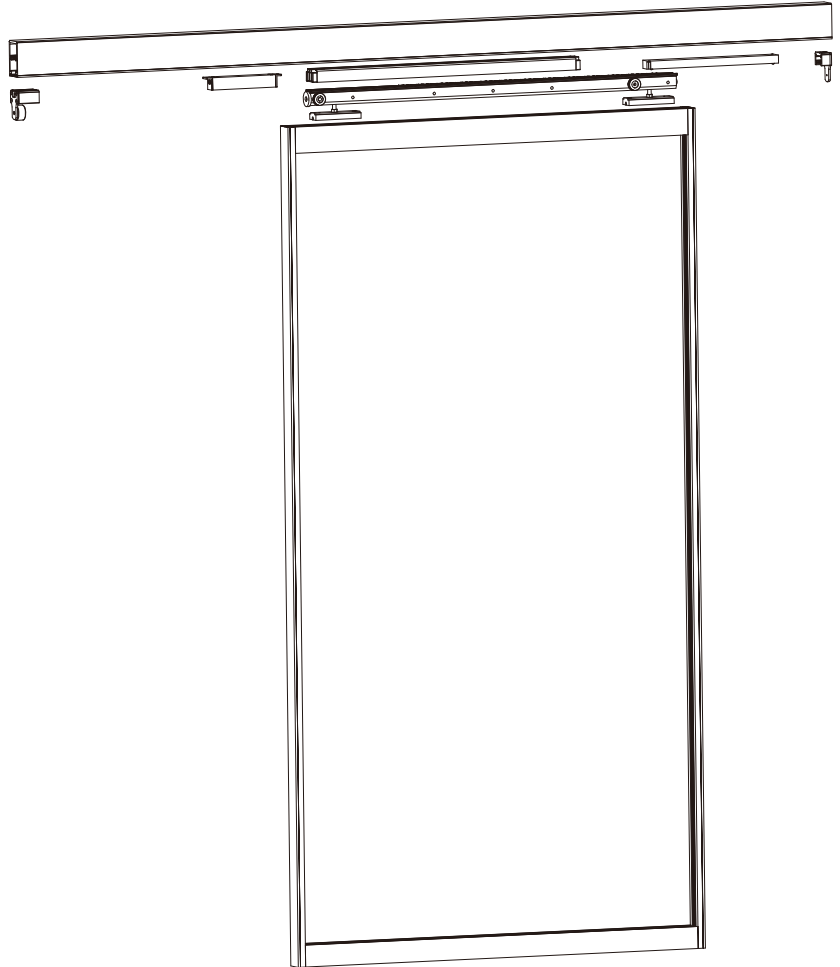
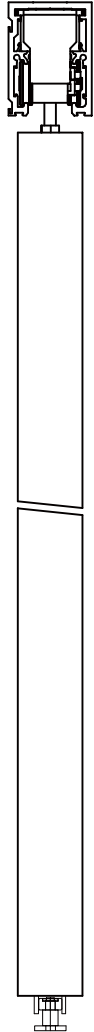
The motor has no noise (no gear structure, transmission sound)

Convenient maintenance

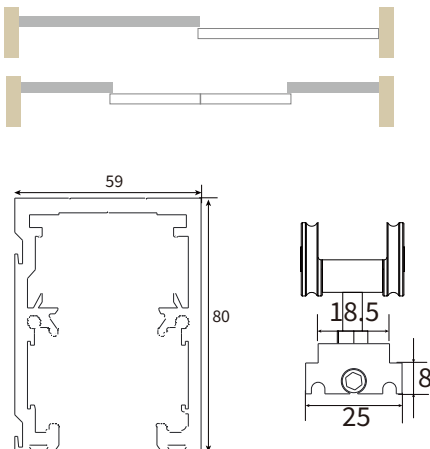
Simple structure, no need to disassemble or assemble the door leaf for maintenance, more convenient

M12 Magnetic suspension

Sliding door system

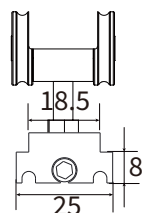
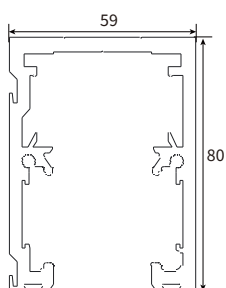
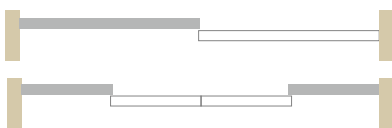
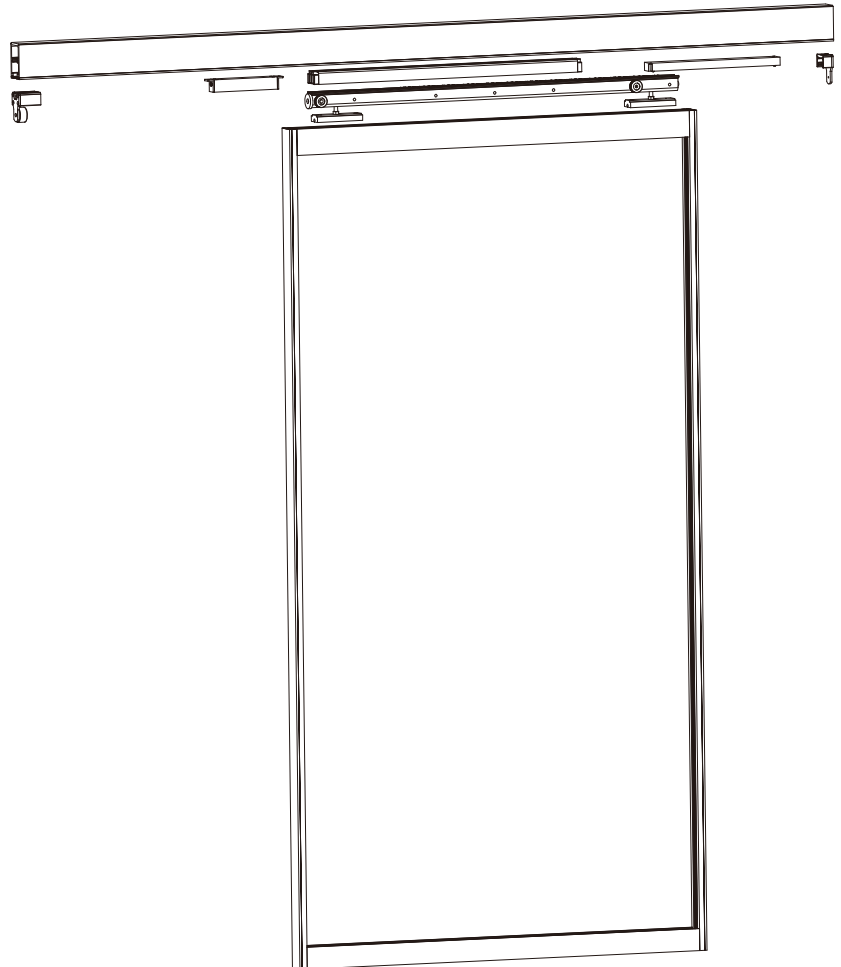
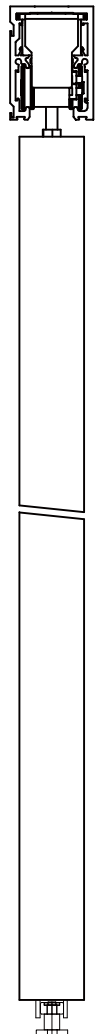


Product parameters



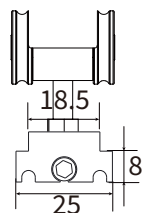
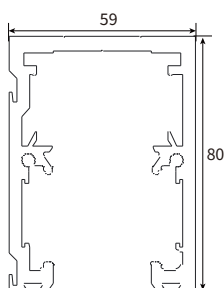
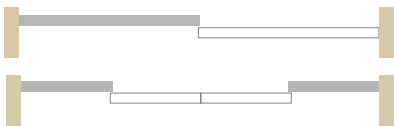
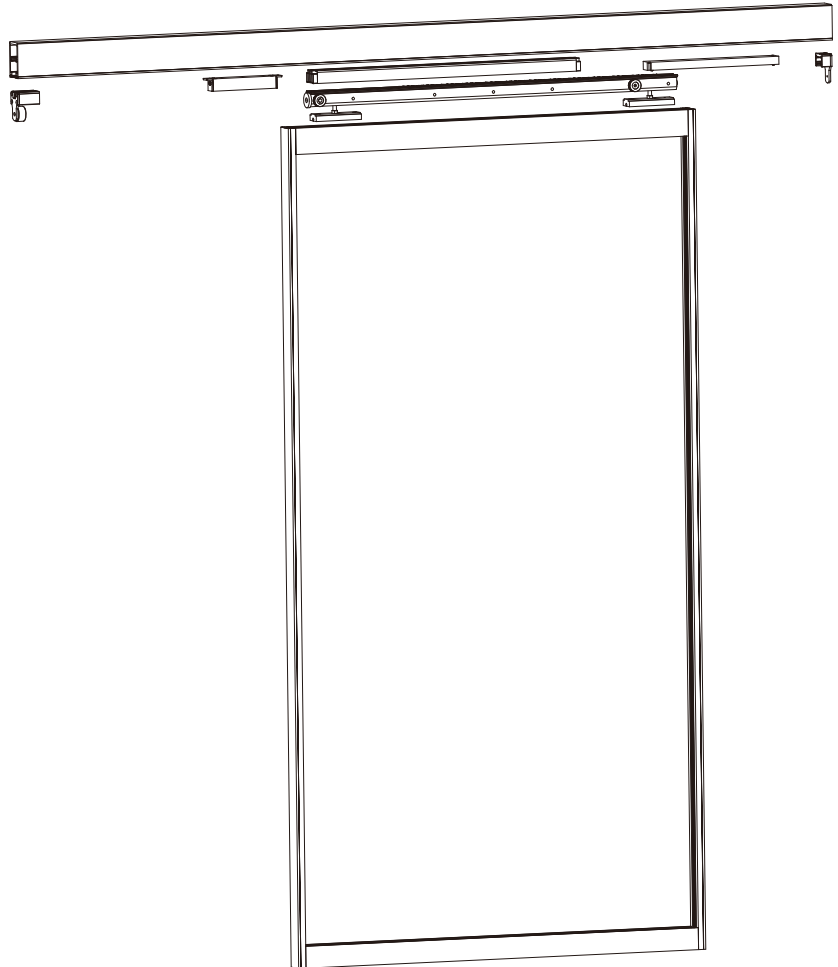
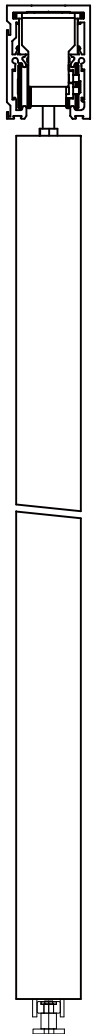
Opening and closing type	Single door
Door leaf weight (kg) x leaf	80kg
Door leaf width	Minimum width 750mm
Door opening / closing speed	200mm/s—400mm/s
Door opening dwell time	0-30s Adjustable
Input voltage and rated power	Voltage:110-240v power:150w
Manual thrust	10N
Motor type	Permanent magnet synchronous motor

M15 Magnetic suspension
Sliding door system



Opening and closing type	Single door
Door leaf weight (kg) x leaf	100kg
Door leaf width	Minimum width 750mm
Door opening / closing speed	200mm/s—400mm/s
Door opening dwell time	0-30s Adjustable
Input voltage and rated power	Voltage:110-240v power:150w
Manual thrust	10N
Motor type	Permanent magnet synchronous motor

M24 Magnetic suspension
Sliding door system



Opening and closing type	Single door
Door leaf weight (kg) x leaf	150kg
Door leaf width	Minimum width 950mm
Door opening / closing speed	200mm/s—400mm/s
Door opening dwell time	0-30s Adjustable
Input voltage and rated power	Voltage: 110-240v power: 150w
Manual thrust	20N
Motor type	Permanent magnet synchronous motor