



Rieche door&window hardware Collections



NINGBO RIECHE TECHNOLOGY CO.,LTD

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# RIECHE Sliding Door Hardware System

From the beginning of bearing performance, we spend 20 years to improve the performance and stability of rollers. Through the experience of cooperation with internationally companies, we improve the quality of the product continuously, and pay more attention to the quality control.

RIECHE Sliding Door Hardware Systems apply to many kindsof profiles, such as aluminum alloy profile, wood profile, and also PVC profile. The hardware systems include lift and sliding doorsystem, folding door system, sliding door system, and as wellas the customized rollers.

Our purpose is to provide the perfect system solution for the door & window and curtain wall companies For the modern architecture, providing the supporting and high-quality is always our goal.

Choosing RIECHE is choosing elegant life!







# ABOUT RIECHE

The spark of production and testing in order to condenses quality

From the beginning of bearing performance, we spend 20 years improving the performance and stability of rollers. Through the experience of cooperation with world–famous internationally companies, we continuously improve the quality of the product, and pay more attention to the quality control.





ROSENHEIM

EN 13126-16:2019-07 Test standard/s: EN 12126-16 2019-07

Instructions for use

This test report serves to verify

compliance with the require-

ments for lift and slide window as per EN 13126-16-2019.

The provisions of EN 13126-16:2019 for marking and evalu-ation of conformity of construc-tion products shall be observed.

The data and results refer solely to the tested and described specimen. Classification re-mains valid as long as the

mains valid as libring as the product and the above basis remain unchanged. The results can be estrapolated under the manufacturer's own liability sub-ject to observance of the rele-vent specifications set out by the applicable product stand-ard. This test/evaluation does not allow any statement to be made on any further characters.

made on any further character-latics regarding performance and quality of the construction presented; in particular the effects of weathering and ageing

were not taken into account. Veröffentlichungshinweise Notes on publication The itt-Guidance Sheet Advertising with itt test documents' applies. The cover sheet can be used as an ab-stract.

The report contains a total of

Equivalent national versions is.

# Evidence of Performance

Building hardware - Hardware for lift and slide windows accordance EN 13126-16:2019

Test Report

No. 16-002762-PR02

(PB-G05-03-en-01)



No.218 Chaoyang road, langxia town 315300 Yuyao City (Zhejiang Province)

China

Product Lift and slide window

Designation 502.010 Lift & Slide hardware

Performance-relevant Sash dimensions (W x H): 1230 mm x 1926 mm

Frame material: Aluminium Sash weight.

300 kg 502.010 Lift & Slide hardware Hardware: 502.010-1 Front Roller

502.010-2 Rear Roller: 502.010-20-2375A Lock

Special features 4-

Results

Classification according to EN 13126-16: 2019-07

Γ	Durability	Mass	Corrosion resistance	Test size
Γ	НЗ	300	5	1230 / 1926

ift Rosenheim 01.04.2020

Konrad Querengässer, Dipl.-Ing. (FH) Head of Testing Department Security/Safety Testing

Erwin Heimbuchner

Operating Testing Officer Security/Safety Testing



20 pages.







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D-80028 Rosenheim Www. PL-rosenheim de









# CERTIFICATE OF CONFORMITY OF QUALITY MANAGEMENT SYSTEM CERTIFICATION

NO: 08920Q52669R0M

This Is To Certify That The Quality Management System Of

# NINGBO RIECHE TECHNOLOGY CO., LTD.

No.218 Chaoyang Road, Langxia Street, Yuyao City, Zhejiang Province Unified Social Credit Code: 91330281MA2CHX098E Post Code: 315480

Quality Management System Complies With:

GB/T19001-2016/ISO9001:2015 Standard

#### Scope:

Deep Groove Ball Bearing Production; Plastic Hardware (Furniture, Doors And Windows) Processing

Date of issue: 2020-12-24 Expiry date: 2023-12-23

Holding this certificate organizations receive annual surveillance audits qualified, And administrative license valid state regulations

Approval of the first serveillance audit Zhongshui Brilliant Certification Co., Ltd. Approval of the second surveillance audit Zhongshui Brilliant Certification Co., Ltd. Approval of the third surveillance audit Zbongshui Brilliant Certification Co., Ltd.





中国认可 国际主认 管理体系 MANAGEMENT SYSTEM CNAS C089-M

The Certificate Information Can Be Inquired At <a href="http://www.cnca.gov.cn">http://www.zsbc.net</a>
Teto/08277603 AddRoom 7001-7004 Block B Tencheng Technology Buiking Of No.2 Xinfeng Steet Devia Avenue Xicheng Distrat Beijing





# CERTIFICATE OF CONFORMITY OF ENVIRONMENTAL

# MANAGEMENT SYSTEM CERTIFICATION

NO: 08920E20163R1M

This Is To Certify That The Environmental Management System Of

# NINGBO RIECHE MACHINERY CO.,LTD

Langxia Village, Langxia street, Yuyao, Ningbo, Zhejiang, China Unified Social Credit Code: 91330281567012010G Post Code: 315480

**Environmental Management System Complies With:** 

GB/T24001-2016/ISO14001:2015 Standard

# Scope:

The Related Deep groove ball bearing production and Related Environmental Management Activities Of The Sites Involved

Date of issue: 2020-2-26 Expiry date: 2022-12-29

Holding this certificate organizations receive annual surveillance audits qualified, And administrative license valid state regulations

Approval of the first surveillance audit Zhongshui Brilliant Certification Co., Ltd. Approval of the second surveillance audit Zhongshul Brilliant Certification Co., Ltd. Approval of the third surveillance audit Zhungshui Brilliant







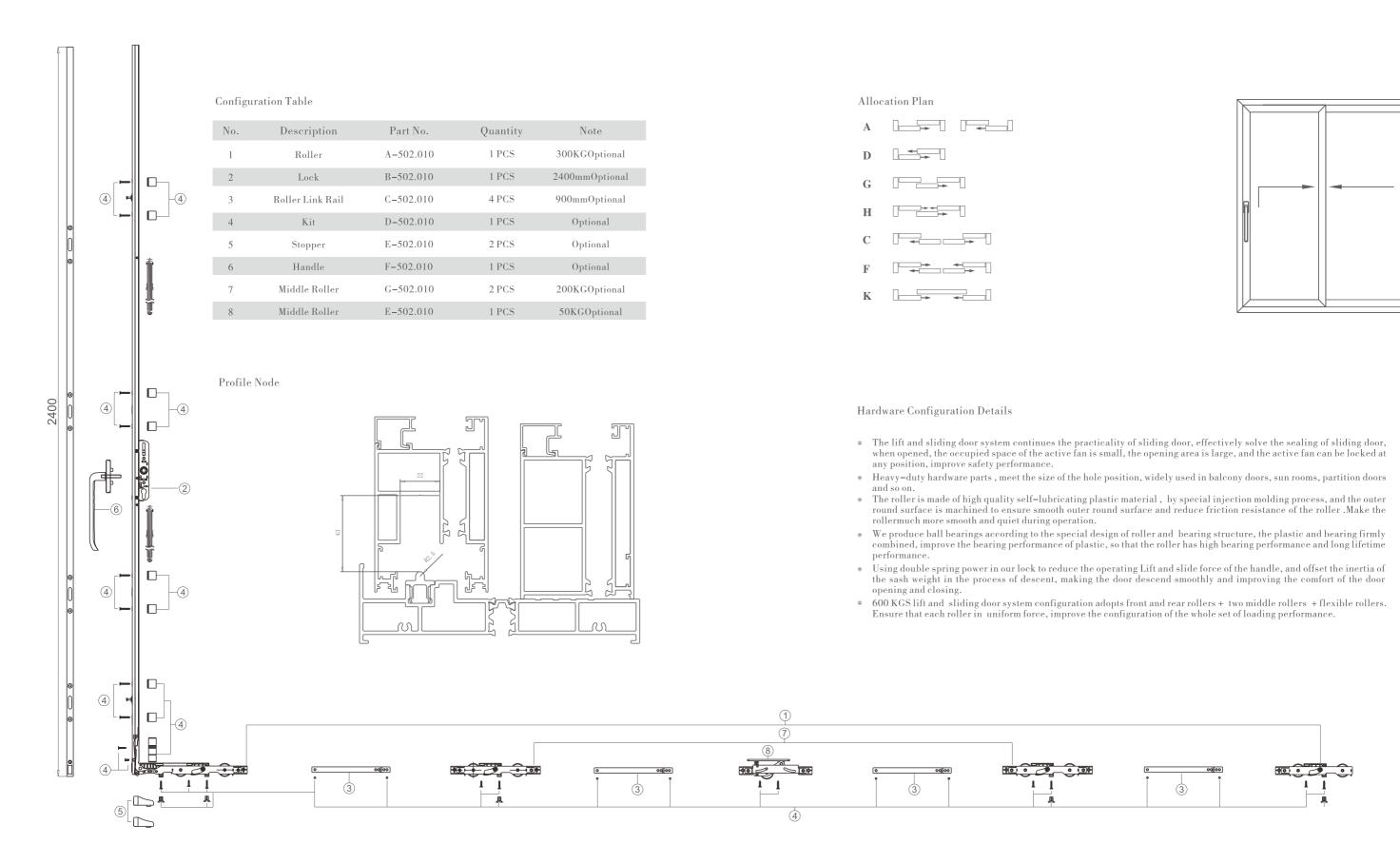
中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C089-M

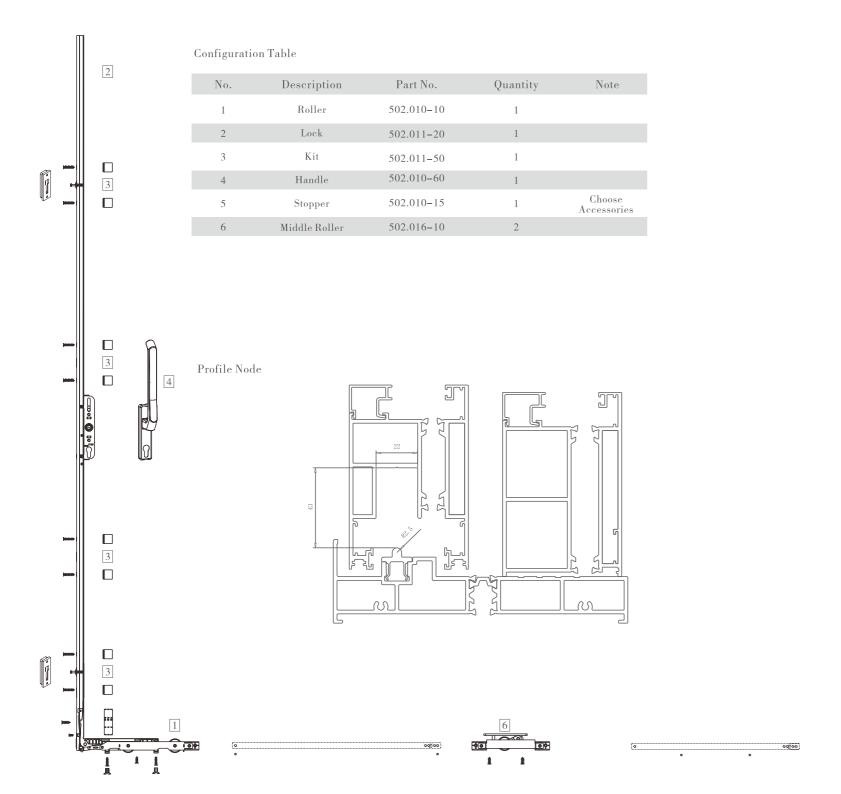
The Certificate Information Can Be Inquired At <a href="http://www.cnca.gov.cn">http://www.zsbc.net</a> Tel010-82272/03 AddRoom 7001-7004 Block B Tuncheng Technology Buiking Of No.2 Xinfong Stoot Dewis Avenue Xicheng Diseast Beging

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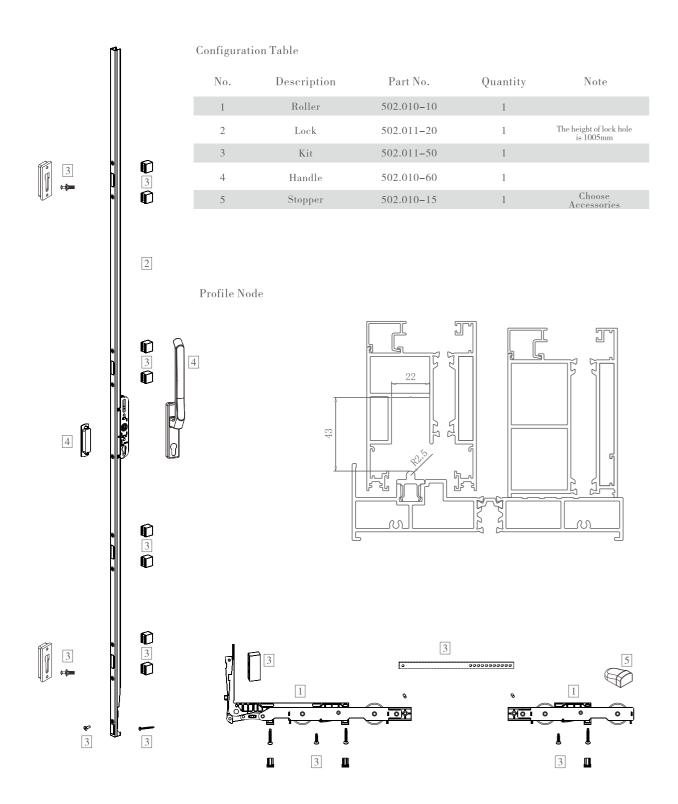
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# Hardware Configuration Details

- \* The lift and sliding door system continues the practicality of sliding door, effectively solve the sealing of sliding door, when opened, the occupied space of the active fan is small, the opening area is large, and the active fan can be locked at any position, improve safety performance.
- \* Heavy-duty hardware parts, meet the size of the hole position, widely used in balcony doors, sun rooms, partition doors and so on.
- \* The roller is made of high quality self-lubricating plastic material, by special injection molding process, and the outer round surface is machined to ensure smooth outer round surface and reduce friction resistance of the roller. Make the rollermuch more smooth and quiet during operation.
- \* We produce ball bearings according to the special design of roller and bearing structure, the plastic and bearing firmly combined, improve the bearing performance of plastic, so that the roller has high bearing performance and long lifetime performance.
- \* Using double spring power in our lock to reduce the operating Lift and slide force of the handle, and offset the inertia of the sash weight in the process of descent, making the door descend smoothly and improving the comfort of the door opening and closing.
- \* 400 KGS lift and sliding door system configuration adopts front and rear rollers + two middle rollers + flexible rollers. Ensure that each roller in uniform force, improve the configuration of the whole set of loading performance.













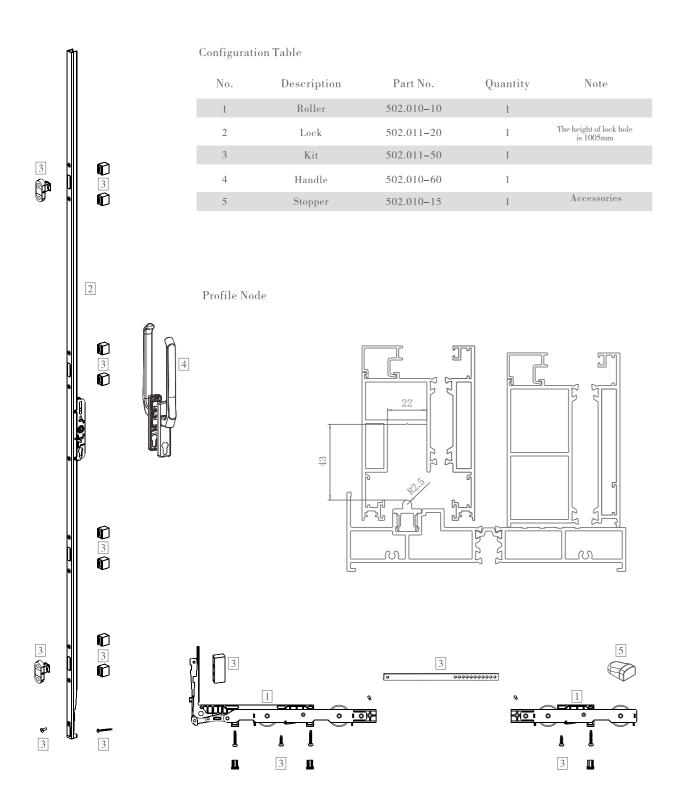






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- \* Using double spring power in our lock to reduce the operating Lift and slide force of the handle, and offset the inertia of the sash weight in the process of descent, making the door descend smoothly and improving the comfort of the door opening and closing.
- \* Lift and slide door, Sash locking point is installed within the sash, which effectively helps the notch to hide the lock point, improves the aesthetics of the system, and avoids the scraping of the lock point when the door is openning.







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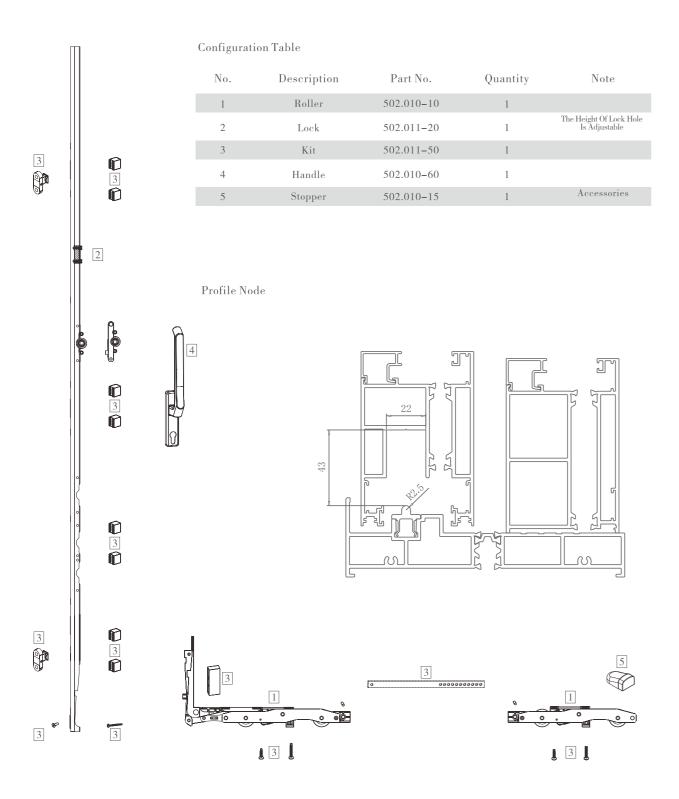




### Hardware Configuration Details

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- \* Using double spring power in our lock to reduce the operating Lift and slide force of the handle, and offset the inertia of the sash weight in the process of descent, making the door descend smoothly and improving the comfort of the door opening and closing.
- \* Lift and slide door, Frame locking point, You can choose different locking points, long locking points, short locking points, micro ventilation long and short locking points, the system has a variety of application.





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# Hardware Configuration Details

- \* Suitable for the door height of 1200mm, door height of 2000mm sash .
- \* capacity 150KGS, recommended sector ratio (h/W keep at 1.5:1)
- \* The full set of hardware adopts environmentally zinc plating, and 240H the salt spray test.
- \* Hardware configuration can adopt high seal, high loading, large opening door. To meet your large area lighting, energy saving and environmental protection requirements.
- \* High precision bearing and high strength plastic rollers ensure smooth and quiet operation of the door, bringing you a comfortable experience.



# Configuration Table No. Description Part No. Quantity Note Roller 502.010-A015 502.010-A016 Lock Kit 502.010-A017 Handle 502.010-60 Accessories 502.010-15 Stopper 2 Profile Node 3

Allocation Plan



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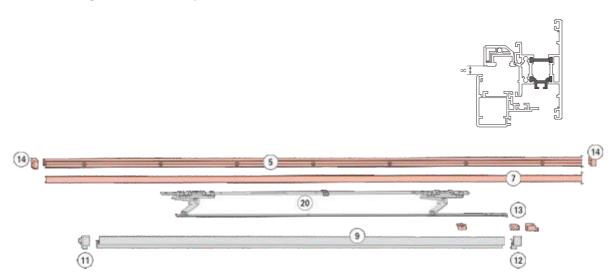
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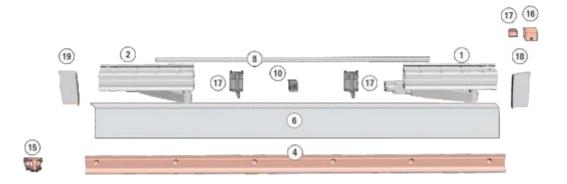


# Hardware Configuration Details

\* Improved based on traditional lift-sliding system Suitable for profile width: 56mm min 45° connection, Max the vision area Max the daylight in Lean-simple and beatiful







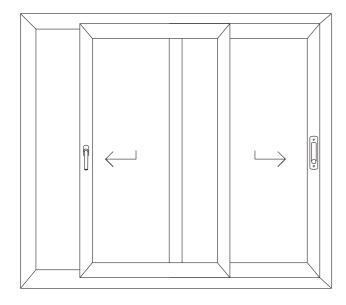
# BOM LIST-Bottom-hung parallel slide system

No.	Description	Part No.	Quantity	Remark
1	Active Roller -R	M52886-100	1	M52886-300(L)
2	Driven Roller-R	M52886-200	1	M52886-400(L)
3	Fixing Screw	ST4.8*50	8	No Drawing
4	Sliding Rail	M52886-901	1	
5	Upper Rail	M52886-902	1	
6	Stopper-Sliding Rail	M52886-903	1	
7	Stopper- Upper Rail	M52886-904	1	
8	Roller Link Rail	M52886-905	1	Depend On Sash Width
9	Connection Rail-Sash Side	M52886-906	1	
10	Support Of Roller Link Rail	M52886-907	1	Depend On Sash Width
11	Right Cap For Side Connection Profile	M52886-908	1	
12	Left Cap For Side Connection Profile	M52886-909	1	
13	Stopper In Upper Rail	M52886-910	1	
14	Cap For Upper Rail	M52886-911	2	
15	Retractor In Sliding Rail	M52886-912	1	
16	Stopper In Sliding Rail	M52886-913	1	With Soft-Closing
17	Support For Cap Of Sliding Rail	M52886-914	2	
18	Right Cap Under Sash	M52886-915	1	
19	Left Cap Under Sash	M52886-916	1	
20	Up Tie Rod	M52886-917	1	

# Hardware Configuration Details

- \* Fit for all profile: Modular configuration
- \* Generalized lock-up system in the middle
- \* Generalized Handle
- \* Gernralized hardware for all aluminium profiles
- \* Open mode similar with swing casement door and window





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# BOM LIST-Sealed Sliding System

No.	Description	Part No.	Quantity	Note
1	Roller Kits	PYMFL01	2 sets	
2	Sealing Kits	PYMFL02	2 sets	
3	Drive Kits	PYMFL03	2 sets	
4	Drive Gearbox	R-CD002	1 set	
5	Handle	R-ZS052	1 set	
6	Diverter	R-ZJ001	3 sets	
7	Strikers	R-SD302	2 sets	



#### Hardware Configuration Details

- \* Hardwares are designed as system, well integration.

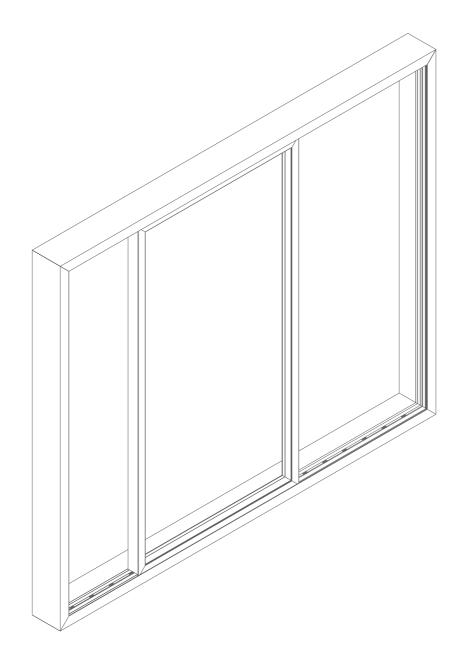
  Seal kits for all four sides of the sash. Well sealed.

  During open-close, Sliding kits are independent from sealing kits.

  Rollers are made from plastic with self lubricating. Special plastic injection process, secures good load rating and lifetime. Machined surface, minimum the sliding friction, minimum the noise during use.

  Special inner structure of bearings, big improvement in axial and radial load. This secures high load rating, long lifetime, stable system.







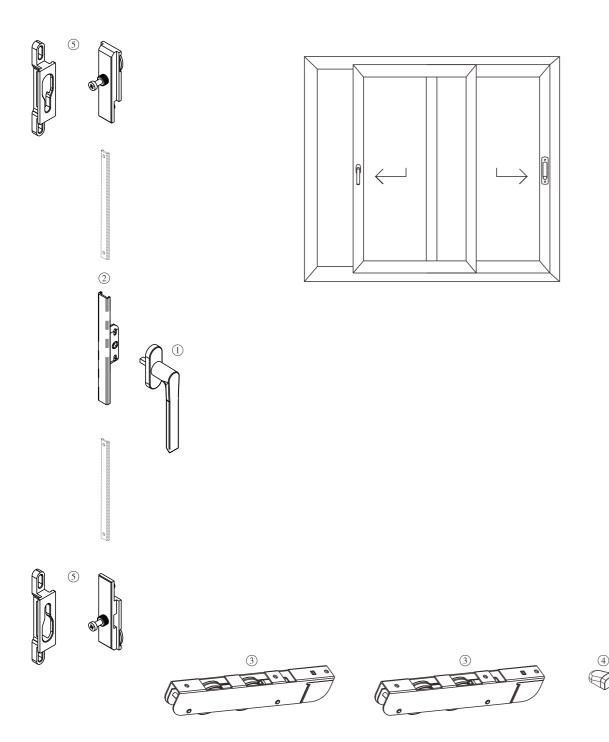
# BOM LIST-Sliding System For Narrow Profile

No.	Description	Part No.	Quantity	Note
1	Handle	BS201-00	1	Optional
2	Drive Gear	CD201-00	1	Depend On Sash Size
3	16mm Rollers	YM225-00	2	Depend On Sash Load
4	Stopper	QT240-00	2	
5	Steel Sec Striker	SM202-00	4	Depend On Striker Qty

# Fitting Instruction

- \* High load rating: special inner structure of bearing.
- \* High performance in anti-rust: outer ring outside the bearing is from SUS304 passivated, bearing is with special coating.
- \* Speicial axle and rolling fit: adjusting space is reserved. Average load to each wheel, miniumum resistance in sliding.





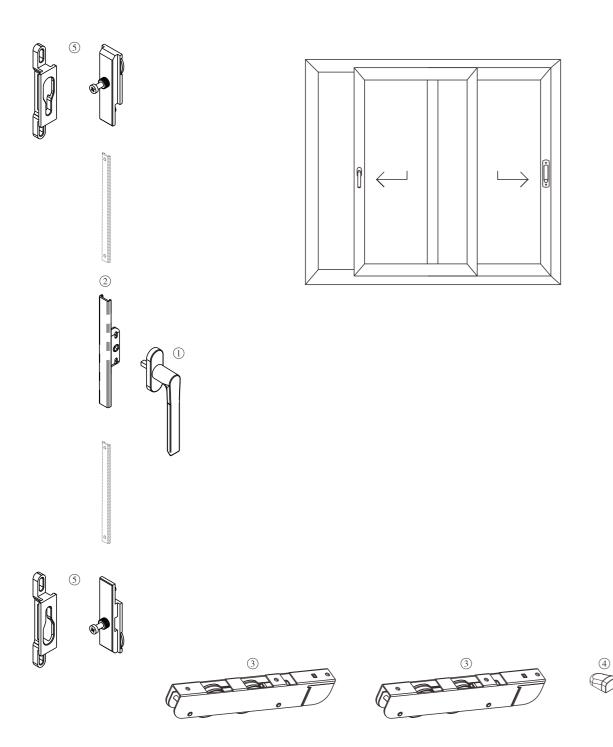
# BOM LIST- Heavy Duty Sliding System

No.	Description	Part No.	Quantity	Note
1	Handle	BS201-00	1	Optional
2	Drive Gear	CD201-00	1	Depend On Sash Size
3	16mm Rollers	YM225-00	2	Depend On Sash Load
4	Stopper	QT240-00	2	
5	Steel Sec Striker	SM202-00	4	Depend On Striker Qty

# Fitting Instruction

- \* High load rating: special inner structure of bearing. High performance in anti-rust: meet Neutral salt spray test 240H and above.
- \* EMQ bearing, silent, no noise in moving.
- \* Plastic injection process good. Plastic structure is average. Better performance in load rating and life-time than normal hardware.
- \* Machined surface, roughness, roundness, tilting is well controlled. This secures stable loaded, no noise in move, long life.
- \* Roller width is 22mm and 43mm. Generalized for profile of lift-sliding system.





# BOM LIST- Heavy Duty Sliding System

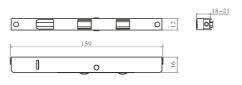
No.	Description	Part No.	Quantity	Note
1	Handle	BS201-00	1	Optional
2	Drive Gear	CD201-00	1	Depend On Sash Size
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- \* EMQ bearing, silent, no noise in moving.
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# Double Roller

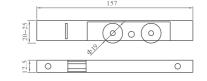
P/N: YM-301 MTL: SUS304 Application: Sliding door and window Load: 80KG max/2 rollers





# Double Roller

P/N: 509.500.054 MTL: SUS304/PA66
Application: All kinds of aluminiun plastic doors
Load: 80KG max/2 rollers

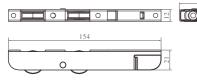




#### Double Roller

P/N: YM-220 MTL: SUS304

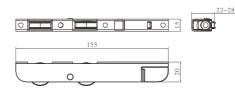
Application: Sliding door and window Load: 120KG max/2 rollers





#### Double Roller

P/N: YM-222 MTL: SUS304 Application: Sliding door and window Load: 120KG max/2 rollers

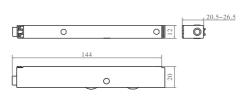




#### Double Roller

P/N: M5749A MTL: SUS304

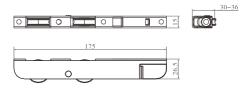
Application: Sliding door and window Load: 100KG max/2 rollers





#### Double Roller

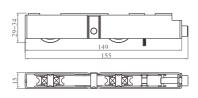
P/N: YM-223 MTL: SUS304 Application: Sliding door and window Load: 160KG max/2 rollers





# Double Roller

P/N: M51085 MTL: SUS304/SPCC/POM Application: All kinds of aluminiun plastic doors Load: 80KG max/ 2 rollers

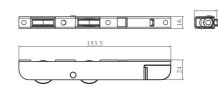




# Double Roller

P/N: YM-225 MTL: SUS304

Application: Sliding door and window Load: 160KG max/2 rollers

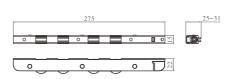




# Four Roller

P/N: YM-224 MTL: SUS304

Application: Sliding door and window Load: 240KG max/2 rollers

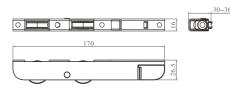




# Double Roller

P/N: YM-226 MTL: SUS304

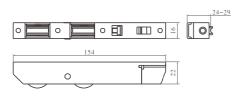
Application: Sliding door and window Load: 200KG max/2 rollers





#### Double Roller

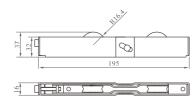
P/N: M52802 MTL: SUS304 Application: Sliding door and window Load: 200KG max/2 rollers





#### Double Roller

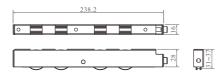
P/N: M52709 MTL: SUS304/POM Application: All kinds of aluminiun plastic doors Load: 80KG max/ 2 rollers





# Four Roller

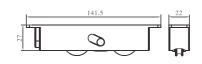
P/N: M51086 MTL: SUS304 Application: Sliding door and window Load: 200KG max/2 rollers





# Double Roller

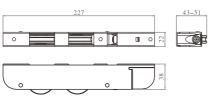
P/N: 502.125 MTL: PA66/SPCC Application: All kinds of aluminiun plastic doors Load: 60KG max/2 rollers





#### Double Roller

P/N: M2243300 MTL: SUS304 Application: Sliding door and window Load: 300KG max/2 rollers

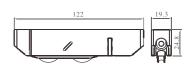




#### Double Roller

P/N: 502.216 MTL: PA66/SPCC

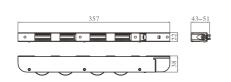
Application: All kinds of aluminiun plastic doors
Load: 60KG max/ 2 rollers





#### Four Roller

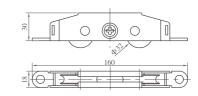
P/N: M2243500 MTL: SUS304 Application: Sliding door and window Load: 400KG max/2 rollers





#### Double Roller

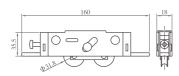
P/N: 509.500.058 MTL: SUS304/SPCC/PU Application: All kinds of aluminiun plastic doors
Load: 150KG max/ 2 rollers





# Double Roller

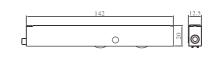
P/N: 509.500.059 MTL: SPCC/PU Application: All kinds of aluminiun plastic doors Load: 150KG max/2 rollers





# Double Roller

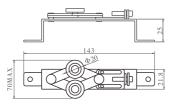
P/N: M51513 MTL: SUS304/SPCC/POM Application: All kinds of aluminiun plastic doors Load: 80KG max/ 2 rollers





# Upper Guide Roller

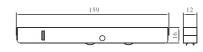
P/N: 509.600.002 MTL: SPCC/PU Application: All kinds of aluminiun plastic doors





# Double Roller

P/N: 502.765
MTL: SPCC/POM
Application: All kinds of aluminiun plastic doors Load: 80KG max/ 2 rollers

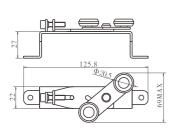




# Upper Guide Roller

P/N: M51087 MTL: SPCC/PU Application: All kinds of aluminiun plastic doors

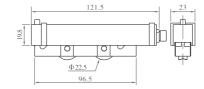
Load:





# Double Roller

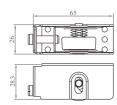
P/N: M51063 MTL: Zinc Alloy/PA66 Application: All kinds of aluminiun plastic doors Load: 60KG max/ 2 rollers





# Double Roller

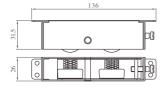
P/N: M50617 MTL: SPCC/PU Application: All kinds of aluminiun plastic doors Load: 30KG max/2 rollers





# Double Roller

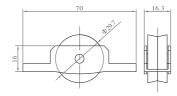
P/N: M50618 MTL: SPCC/PU Application: All kinds of aluminiun plastic doors Load: 50KG max/2 rollers





# Double Roller

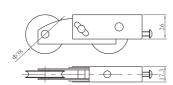
P/N: 509.500.009 MTL: SPCC/PU Application: All kinds of aluminiun plastic doors Load: 40KG max/2 rollers





# Double Roller

P/N: 509.500.055 MTL: SUS904/SPCC/PU Application: All kinds of aluminiun plastic doors Load: 150KG max/2 rollers









No.	Description	Part No.	Quantity	Note
1	Damped front pulley	M52772-10	1	
2	Rear Pulley	M52772-50	1	
3	Damped stopper	M52772-30	2	
4	Pulley hanging plate fittings	M52772-20	2	
5	Slide wheel	M52772-60	1	



# Fitting Instruction

- \* Hardware is used to partition the sliding door, with damping effect of opening and closing two positions, so that the door fan automatically returns to two positions, to bring comfortable experience to life;
- \* The upper pulley adopts concave wheel structure to make the door fan run more smoothly and reduce the shaking of the upper bearing structure door fan. The sliding wheel only has the bearing package PU pulley to reduce the noise generated in the sliding process;

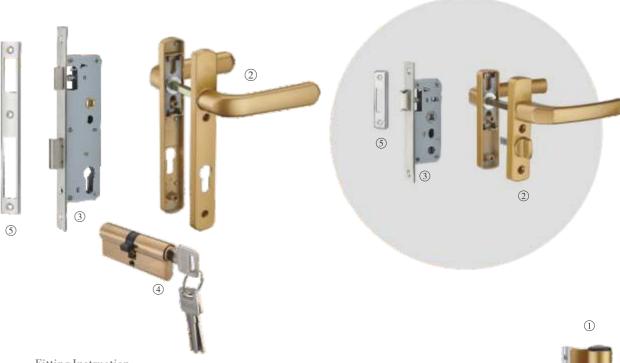




# Configuration Table

No.	Description	Part No.	Quantity	Note
1	Door Hinges	R-PK210-01	2	Configure According To Profile
2	The handle of Lock	R-PK210-02	1	Optional
3	Lock Body	R-PK210-03	1	Optional
4	Lock	R-PK210-04	1	Optional
5	Gusset plate	R-PK210-05	1	Configure According To Profile

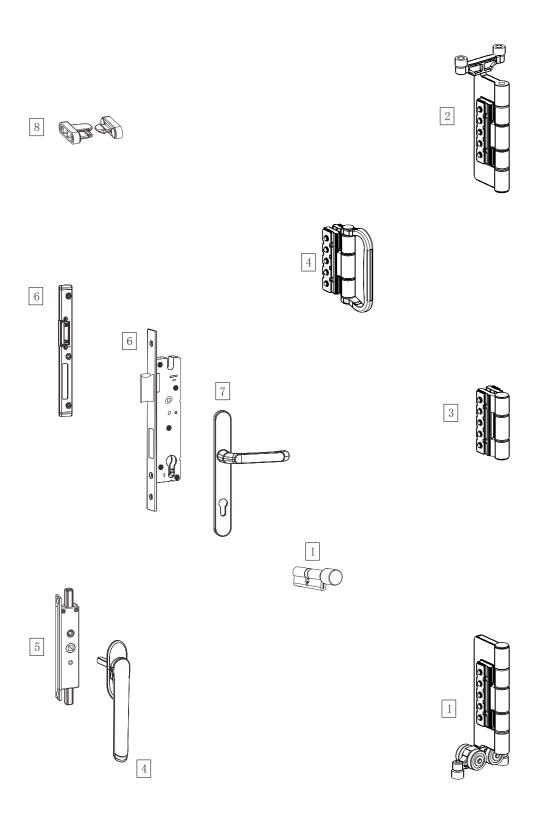




# Fitting Instruction

- \* Products can be flexibly assembled
- \* There are many different sizes available
- \* Hinge for standard C slot installation
- Lock point lock seat is selected according to ordinary C slot
   All metal parts of hinge and lock assembly are rust-proof

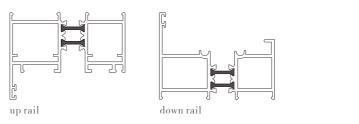




# Partial System Configuration



# Partial Section Joint

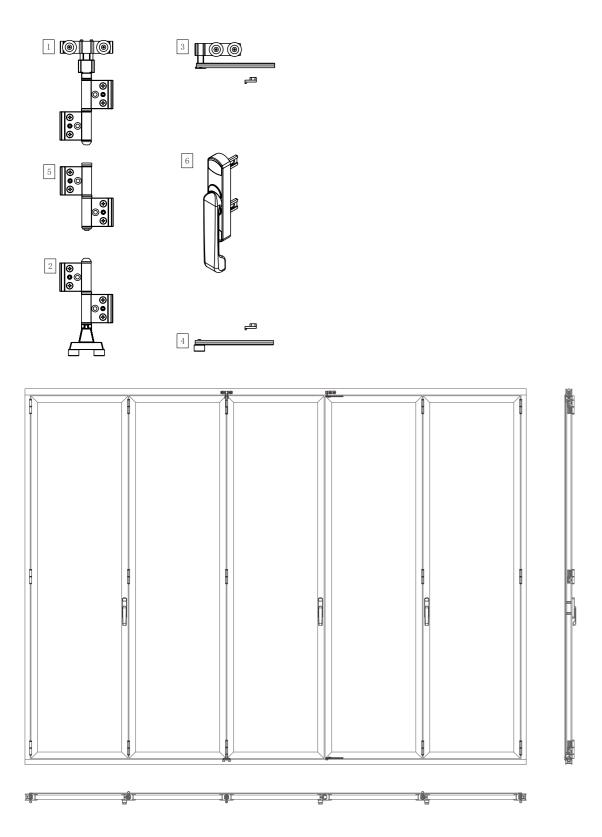


# Hardware 4/31Configuration Table

No.	Description	Part No.	Quantity	Note
1	Double door upper block	502.018-10	1	
2	Double door sliding wheel set	502.018-20	1	
3	Hinges	502.018-30	9	
4	Handle hinges	502.018-40	1	
5	Paranoid handle	502.018-50	2	
6	The lock box	502.018-60	2	
7	Lock box of a handle	502.018-70	1	
8	Touch the mouth	502.018-80	1	
9	Accessories package	502.018-90	1	

# Fitting Instruction

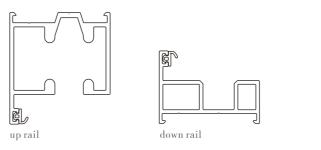
- \* The folding door can meet the larger opening distance and does not occupy the indoor space. After opening, it creates a large passageway to meet the personalized needs;
- \* Optimize pulley design and bearing structure, so that the hardware has smooth and stable overcontrol performance;
- \* The main structure of the hardware adopts stainless steel precision casting to meet the requirements of force from different angles in the opening process of the folding door fan;
- \* Hinge and load-bearing pulley block mechanism are equipped with adjusting devices, only one inner hexagon wrench can achieve door adjustment, with high quality performance of adjustment ability;



# Partial System Configuration



#### Partial Section Joint



# Hardware Configuration Table

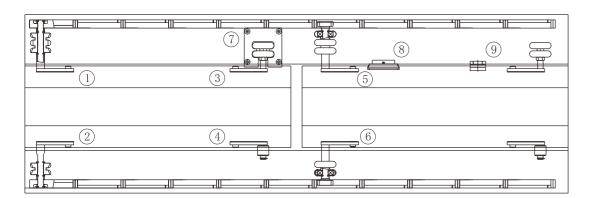
No.	Description	Part No.	Quantity	Note
1	Double door upper block	502.019-10		4/31
2	Double door sliding wheel set	502.019-20		4/31
3	Single door upper block	502.019-30	1	4/31
4	Single door sliding wheel set	502.019-40	1	4/31
5	Hinges	502.019-50		
6	handle	502.019-60		
7	Accessories package	502.019-70		

# Fitting Instruction

- \* The folding door can meet the larger opening distance and does not occupy the indoor space. After opening, it creates a large passageway to meet the personalized needs;
- \* Optimize pulley design and bearing structure, so that the hardware has smooth and stable overcontrol performance;
- \* Hardware adopts upper load bearing structure, which can meet the folding mode of single even fan, solid line 2 plus 2, and meet the alignment of the two frame edges after the door fan is opened.
- \* The handle is designed to fit, occupy less space, keep the rotating handle, beautiful and generous;









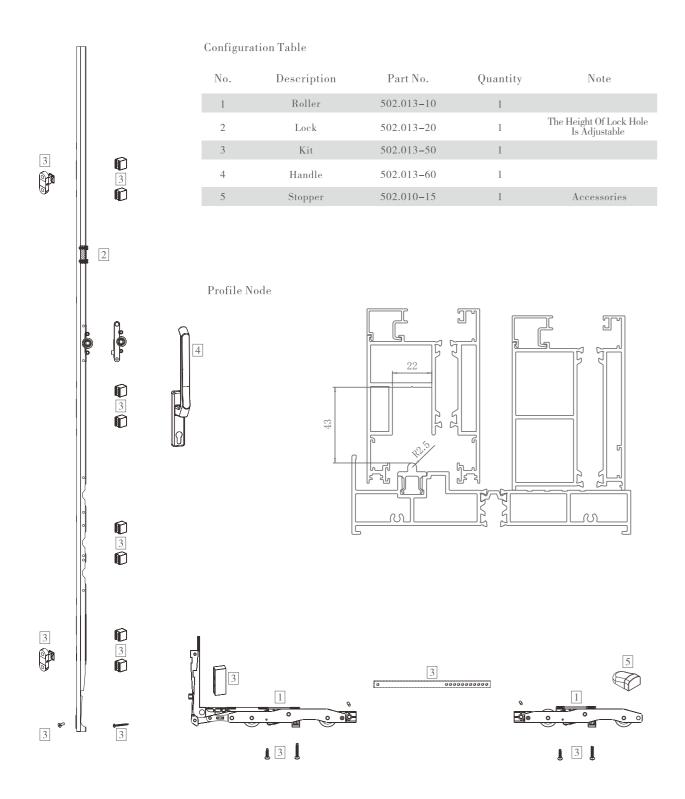
# Hardware Configuration Table

No.	Description	Part No.	Quantity	Note
1	Set the door lower hanging wheel	M50631-2	1	
2	Set the hanging wheel on the door	M50631-1	1	
3	Universal lower hanging wheel	M50631-4	1	
4	General purpose mounting wheel	M50631-3	1	
5	Sliding door lower hanging wheel	M50632-2	1	
6	Sliding door upper hanging wheel	M50632-1	1	
7	Oriented plastic block	M50629-1	2	
8	Opening block	M50625-1	2	
9	Plastic gear parts 1	M50624-1	1	
10	Plastic gear parts 2	M50624-2	1	

# Fitting Instruction

- \* Each door fan adopts separate hardware to control movement and opening, the door fan can be flexibly opened, the door fan can be combined to meet the corner hole, conventional hole, with a diversified range of use.
- \* Change the traditional use direction of bearings, bearing wheels only have three layers of bearing superposition, to meet the bearing requirements of the door fan, ensure the door fan open and smooth smooth movement.

  \* The top of pulley block has adjustment function, easy installation.



A ---

D —

G

H

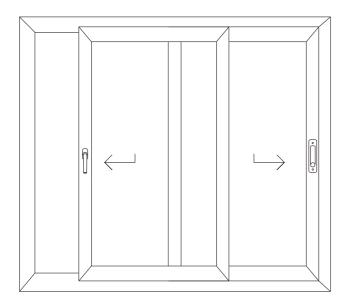
K ----



#### Fitting Instruction

- \* The lift and sliding door system continues the practicality of sliding door, effectively solve the sealing of sliding door, when opened, the occupied space of the active fan is small, the opening area is large, and the active fan can be locked at any position, improve safety performance.
- \* Heavy-duty hardware parts, meet the size of the hole position, widely used in balcony doors, sun rooms, partition doors and so on.
- \* The roller is made of high quality self-lubricating plastic material, by special injection molding process, and the outer round surface is machined to ensure smooth outer round \*surface and reduce friction resistance of the roller.Make the rollermuch more smooth and quiet during operation.
- \* Frame locking points, You can choose different locking points, long locking points, short locking points, micro ventilation long and short locking points, the system has a variety of application.





- A ----
- D +
- G

# ${\bf BOM\ LIST-Sealed\ Sliding\ System}$

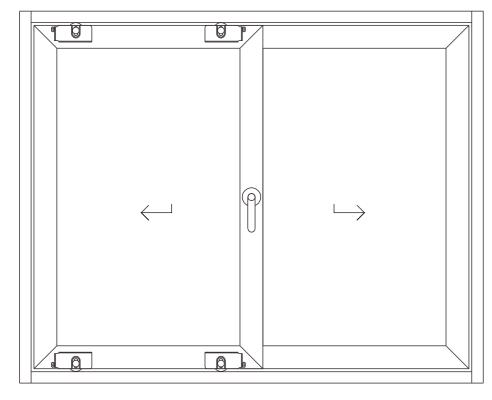
No.	Description	Part No.	Quantity	Note
1	Roller Kits	PYMFL01	2Sets	
2	Sealing Kits	PYMFL02	2Sets	
3	Drive Kits	PYMFL03	1Set	
4	Drive Gearbox	R-CD002	1Set	
5	Handle	R-ZS052	1Set	
6	Diverter	R-ZJ001	3Sets	
7	Strikers	R-SD302	2Sets	



# Fitting Instruction

- $* \quad \text{Hardwares are designed as system, well integration.} Seal \ \text{kits for all four sides of the sash.} \ Well \ \text{sealed.}$
- \* During open-close, Sliding kits are independent from sealing kits.
- Rollers are made from plastic with self lubricating. Special plastic injection process, secures good load rating and lifetime. Machined surface, minimum the sliding friction, minimum the noise during use.
   Special inner structure of bearings, big improvement in axial and radial load. This secures high load rating, long life-time, stable system.







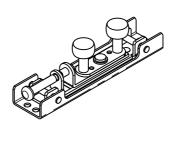


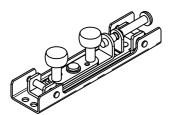
# BOM LIST-Sealed Sliding System

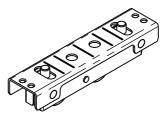
No.	Description	Part No.	Quantity	Note
1	Roller Kits	M50617	1Set	
2	Strikers Kits	YM234-01	1Set	
3	Other Kits	YM234-02	1Set	

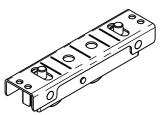
# Fitting Instruction

- Innovative design, increase the movement distance of the pulley, the doors and windows are sealed in closed position.
   Nice surface with brushed treatment
- \* Rollers are made from plastic with self lubricating. Special plastic injection process, secures good load rating and lifetime. Machined surface, minimum the sliding friction, minimum the noise during use.

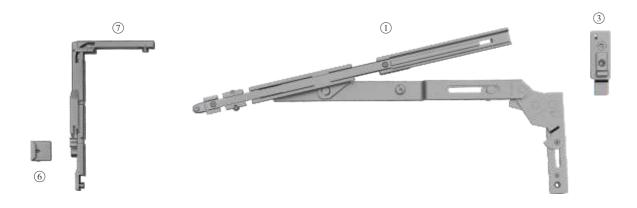




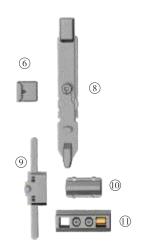


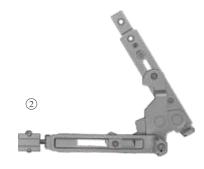




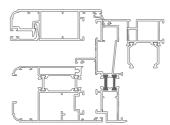








# Profile Node



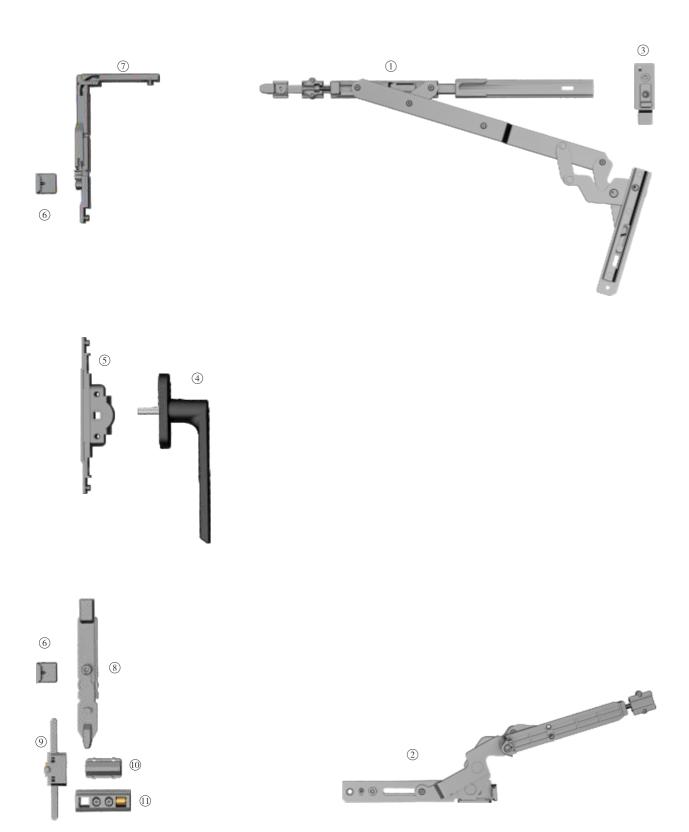
#### Hardware Fitting

No.	Description	Part No.	Quantity	Remarks
1	R/L Upper hinge	9050005	1	905007
2	R/L Lower hinge	9050006	1	905008
3	R/L Striker (R/L)	9050009	1	
4	Handle	9050011	1	Selected
5	Connector	9050012	1	
6	Buckle	9050013	2	
7	Redirector	9050014	1	
8	Suspension Support	9050015	1	
9	Disengagement Preventer	9050016	1	
10	Regulated lock bracket	9050017	1	
11	Ang rise-help block	9050018	1	

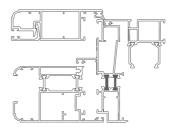
# Fitting Instruction

- \* Applicable sash width 480-900mm, applicable sash height 400-2000mm;
- \* Max load capacity is 90KG, suggested proportion of the width and height is 1.5:1
- \* Suggested distance for strikers to be within 400mm. Strikes in four distances can be locked by selecting hardware.
- \* Use SUS304 as main part material to ensure capacity;
- \* Connector and Redirector have Error proofing machine in order to be applicable for Turn&Tilt;
- \* The lower hinge and upper hinge are designed with sash position adjustment devices, which can adjust the sash height, left and right, and press in three different directions.
- \* Concealed installation design, the bottom of the upper and lower hinges are tightened and fixed by rotating blades to avoid screw fixing to damage the profile, that is, to improve the bonding strength of the hardware and the window sash after installation, and also improve the waterproof performance of the system.
- \* Through the design of the hinge rotation structure, it can be opened at 180°, and it is suitable for the inwardly-opening and lower-hung window system with flush frame and window. The minimum distance between the window and the frame can be 5 mm, which makes the system more beautiful and generous.









#### Hardware Fitting

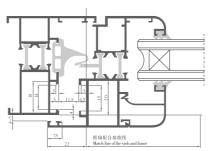
No.	Description	Part No.	Quantity	Remarks
1	R/L Upper hinge	9050001	1	905007
2	R/L Lower hinge	9050002	1	905008
3	R/L Striker (R/L)	9050009	1	
4	Handle	9050011	1	Selected
5	Connector	9050012	1	
6	Buckle	9050013	2	
7	Redirector	9050014	1	
8	Suspension Support	9050015	1	
9	Disengagement Preventer	9050016	1	
10	Regulated lock bracket	9050017	1	
11	Ang rise-help block	9050018	1	

#### Fitting Instruction

- \* Applicable sash width 480-800mm, applicable sash height 400-1500mm;
- \* Max load capacity is 80 KG, suggested proportion of the width and height is 1.5:1
- \* Suggested distance for strikers to be within 400mm. Strikes in four distances can be locked by selecting hardware.
- \* Use SUS304 as main part material to ensure capacity;
- \* Connector and Redirector have Error proofing machine in order to be applicable for Turn&Tilt;
- \* The lower hinge and upper hinge are designed with sash position adjustment devices, which can adjust the sash height, left and right, and press in three different directions.
- \* Concealed installation design, the bottom of the upper and lower hinges are tightened and fixed by rotating blades to avoid screw fixing to damage the profile, that is, to improve the bonding strength of the hardware and the window sash after installation, and also improve the waterproof performance of the system.
- \* Through the design of the hinge rotation structure, it can be opened at 180°, and it is suitable for the inwardly-opening and lower-hung window system with flush frame and window. The minimum distance between the window and the frame can be 5 mm, which makes the system more beautiful and generous.



# Profile Node



# Hardware Fitting

No.	Description	Quantity	Remarks
1	Handle	1	Selected
2	Regula;Ang Rise-Help Block	1	
3	Disengagement Preventer	1	
4	Suspension Support	1	
5	Buckle	1	
6	Error Proofing Machine	2	
7	Middle Connector	1	
8	Aluminum Pole	1	
9	Redirector	1	
10	Upper Hinge	1	
11	Lower Hinge	1	
12	Diagonal Member Assy	1	
13	European Friction	1	

# Fitting Instruction

- \* Applicable sash width 550-100mm, applcable sash height 400-2000mm;
- \* Max load capacity is 100KG, suggested proportion of the width and height is 1.5:1
- \* Suggested distance for strikers to be within 400mm. Strikes in four distances can be locked by selecting hardware.

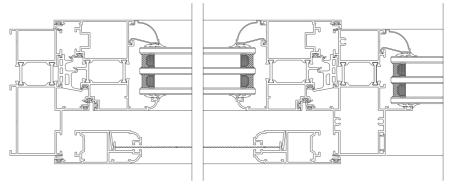
- \* Use SUS304 as main part material to ensure capacity;

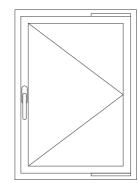
  \* Connector and Redirector have Error proofing machine in order to be applicable for Turn&Tilt

  \* Hinge clamp type installation, quick installation, left and right interchangeable, with adjustable device.





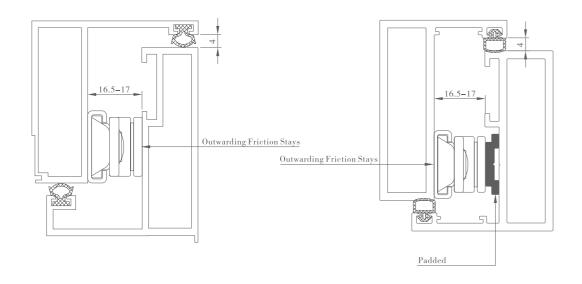


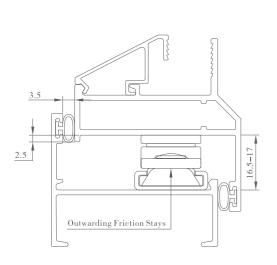


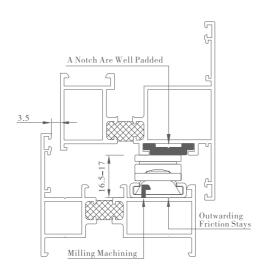
# Hardware Fitting

No.	Description	Part No.	Quantity	Remarks
1	Heavy duty C type Friction stay	R-WK101	1Pair	
2	Concealed hinge	R-SC201	1Pair	
3	$Bidirectional\ connector(centre-to-centre\ distance\ 30mm)$	R-CD001	1	Center distance selected
4	Bidirectional connector(centre-to-centre distance 25mm)	R-CD003	1	Center distance selected
5	Square shaft of handle	R-ZS042	1	Color selected
6	Square shaft of handle(R/L)	R-ZS043/R-ZS044	1	Color selected
7	Prying-resistant striker	R-SD302	2	
8	Prying-resistant buckle	R-SZ302	2	
9	Striker	R-SD301	2	
10	Buckle	R-SZ301	2	

Aluminum Alloy Profile Sliding Support Required Installation Space

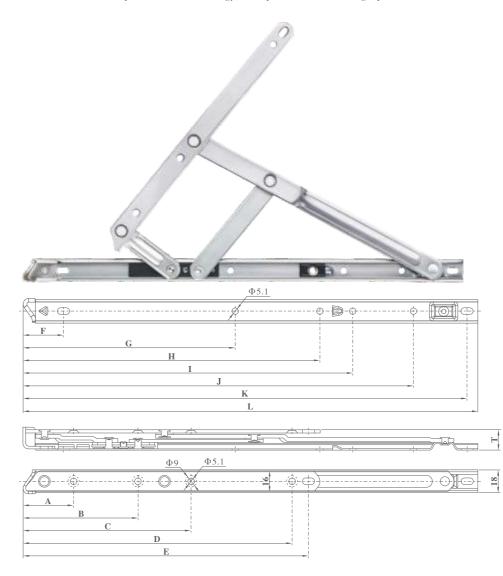






- \* When the thickness of the section where the slide support is installed is less than 3 mm, a cushion block should be added to the
- \* In order to prevent the phenomenon of scraping the window when the sash is openning, all the sliding supports should be installed as far as possible outside.

- \* Suitable for PVC, Aluminum-clad wood, aluminum profiles etc.
- \* Our friction stay is made of high quality (304) stainless steel.
- \* It conforms to JG/T127-2007 standard of sliding support for building doors and Windows hardware
- \* Product with the improvement of technology, some parameters will change, please refer to the actual material prevail.

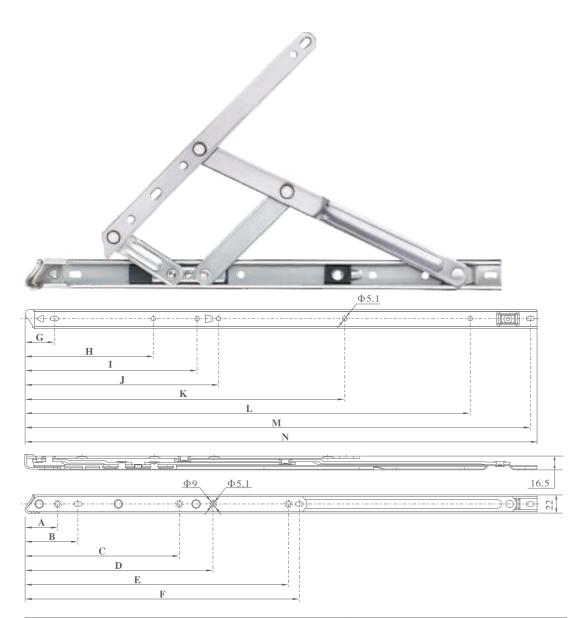


			Inst	alla	tior	siz	е				(mn	n)	Alı	ıminium	n window	size	Stacking height		Max.ca	apacity
Code	A	В	С	D	Е	F	G	Н	Ι	J	K	L	Max.Height	Max.Width	Opening Angle	Number of connecting rod	Material 2.5	Material 3.0	Material 2.5	Material 3.0
AC18-10	40	-	104	176	189	32	-	-	200	-	251	260	1200	400	90°	4connecting rod	14.5	16	13	16
AC18-12	40	-	114	194	207	32	159	210	236	-	301	310	1200	500	45/90°	4connecting rod	14.5	16	16	19
AC18-14	40	91	133	213	226	32	168	235	261	309	351	360	1500	600	45/90°	4connecting rod	14.5	16	19	22
AC18-16	40	110	152	232	245	32	176	260	286	359	401	410	1500	650	45/90°	4connecting rod	14.5	16	21	25
AC18-18	40	129	171	251	264	32	185	285	311	409	451	460	1500	700	45/90°	4connecting rod	14.5	16	22	26

Note: 2.5 Stacking height suitable for PVC, Aluminum-clad wood profiles. 3.0 Stacking height suitable for aluminum alloy profiles.

Material 3.0 means the connecting rod material thickness is 2.5 and 3.0 mixed wall thickness.

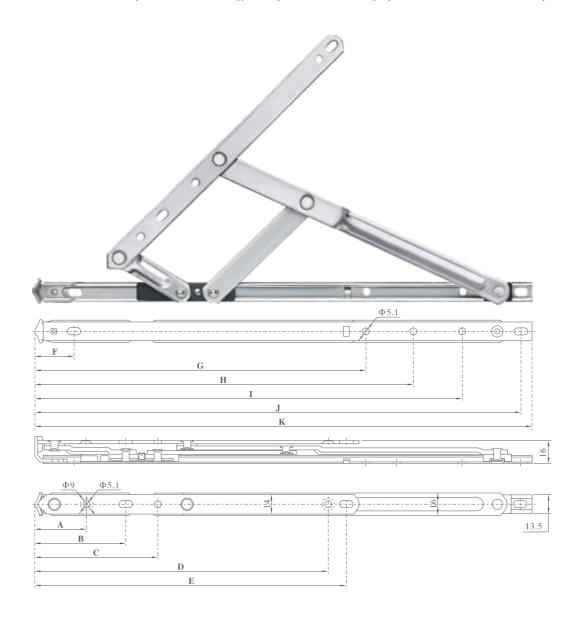
- \* Suitable for PVC, Aluminum-clad wood, aluminum profiles etc.
- \* Our friction stay is made of high quality (304) stainless steel.
- $* \quad It conforms to JG/T127-2007 \ standard \ of \ sliding \ support \ for \ building \ doors \ and \ Windows \ hardware$
- \* Product with the improvement of technology, some parameters will change, please refer to the actual material prevail.



			Inst	alla	itior	ısiz	е				(mn	n)			Aluminium window size					
Code	A	В	С	D	Е	F	G	Н	I	J	K	L	M	N	Max.Height	Max.Width	Max.Weight	Opening Angle	Number of connecting rod	
AC22-10	39	57	-	-	183	196	35	-	-	203	_	-	252	261	1500	500	23	90°	4connecting rod	
AC22-12	39	63	-	-	202	215	35	156	220	246	_	-	302	311	1500	600	28	45/90°	4connecting rod	
AC22-14	39	63	90	-	219	232	35	162	237	263	_	303	352	361	1500	700	33	45/90°	4connecting rod	
AC22-16	39	63	109	-	238	251	35	171	262	288	_	353	402	411	1800	800	38	45/90°	4connecting rod	
AC22-18	39	63	127	-	257	270	35	179	287	313	-	403	452	461	1800	900	43	45/90°	4connecting rod	
AC22-20	39	63	148	188	278	291	35	154	232	258	343	428	502	511	1800	1000	45	30/60°	4connecting rod	
AC22-24	39	63	184	224	314	327	35	161	205	231	331	431/531	602	611	1800	1100	50	30/45°	5connecting rod	

Note: Material 3.0 means the connecting rod material thickness is 2.5 and 3.0 mixed wall thickness.

- \* Suitable for PVC, Aluminum-clad wood, aluminum profiles etc.
- \* Our friction stay is made of high quality (304) stainless steel.
- $* \quad \text{It conforms to JG/T127-2007 standard of sliding support for building doors and Windows hardware} \\$
- \* Product with the improvement of technology, some parameters will change, please refer to the actual material prevail.



				Inst	alla	tion	siz	е			(mm	1)	Alu	minium	window	size	
Γ	Code											K	Max.Height	Max.Width	Max.Weight	Opening Angle	Number of connecting rod
	AH13.5-10	37	60	-	173	186	28	196	-	-	248	256	1200	400	14	90°	4connecting rod
	AH13.5-12	37	65	-	191	204	28	212	-	256	298	306	1200	500	17	90°	4connecting rod
	AH13.5-14	37	65	88	210	223	28	237	270	306	348	356	1300	600	20	90°	4connecting rod
	AH13.5-16	37	65	107	229	242	28	262	306	356	398	406	1500	600	23	90°	4connecting rod

Note: Material 3.0 means the connecting rod material thickness is 2.5 and 3.0 mixed wall thickness.

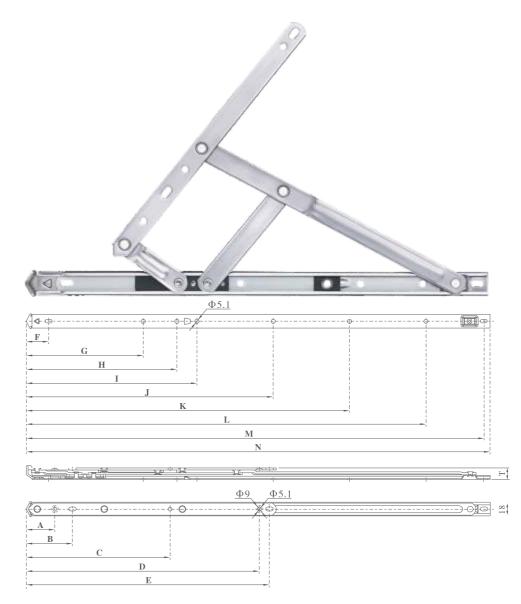
- \* Suitable for PVC, Aluminum-clad wood, aluminum profiles etc.
- \* Our friction stay is made of high quality (304) stainless steel.
- $* \quad It conforms to JG/T127-2007 \ standard \ of \ sliding \ support \ for \ building \ doors \ and \ Windows \ hardware$
- \* Product with the improvement of technology, some parameters will change, please refer to the actual material prevail.



			Inst	alla	tior	ısiz	е				(mn	n)			Alu	minium	window	size	Max.Weigh	
Code	A	В	С	D	Е	F	G	Н	Ι	J	K	L	M	N	Max.Height	Max.Width	Opening Angle	Number of connecting rod	Material 2.5	Material 3.0
AC22-10	39	57	-	-	183	196	32	-	-	203	-	_	250	258	1500	500	90°	4connecting rod	19	23
AC22-12	39	63	-	-	202	215	32	156	220	246	-	-	300	308	1500	600	45/90°	4connecting rod	24	28
AC22-14	39	63	90	-	219	232	32	162	237	263	-	303	350	358	1500	700	45/90°	4connecting rod	29	33
AC22-16	39	63	109	-	238	251	32	171	262	288	-	353	400	408	1800	800	45/90°	4connecting rod	33	38
AC22-18	39	63	128	-	257	270	32	179	287	313	-	403	450	458	1800	900	45/90°	4connecting rod	36	43
AC22-20	39	63	148	188	278	291	32	154	232	258	343	428	502	508	1800	1000	30/60°	4connecting rod	40	45
AC22-24	39	63	184	224	314	327	32	161	205	231	331	431	600	608	1800	1100	30/45°	5connecting rod	42	50

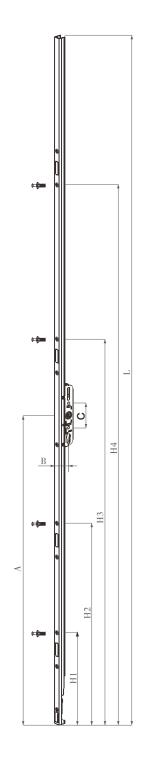
Note: Material 3.0 means the connecting rod material thickness is 2.5 and 3.0 mixed wall thickness.

- \* Suitable for PVC, Aluminum-clad wood, aluminum profiles etc.
- \* Our friction stay is made of high quality (304) stainless steel.
- $* \quad \text{It conforms to JG/T127-2007 standard of sliding support for building doors and Windows hardware} \\$
- \* Product with the improvement of technology, some parameters will change, please refer to the actual material prevail.



			Ir	ısta	llat	ion	siz	е				(m	m)		Alu	minium	window	size	Max.Height		Max.Weight	
Code	A	В	С	D	Е	F	G	Н	I	J	K	L	M	N	Max.Height	Max.Width	Opening Angle	Number of connecting rod	Material 2.5	Material 3.0	Material 2.5	Material 3.0
AH18-10	37	60	-	173	186	29	-	-	197	-	-	-	248	257	1200	400	90°	4connecting rod	14.5	16	13	16
AH18-12	37	65	-	191	204	29	156	207	223	-	-	-	298	307	1200	500	45/90°	4connecting rod	14.5	16	16	19
AH18-14	37	65	88	210	223	29	165	232	258	-	-	306	348	357	1500	600	45/90°	4connecting rod	14.5	16	19	22
AH18-16	37	65	107	229	242	29	173	257	283	-	-	356	398	407	1500	650	45/90°	4connecting rod	14.5	16	21	25
AH18-18	37	65	126	248	261	29	182	282	308	-	-	406	448	457	1500	700	45/90°	4connecting rod	14.5	16	22	26
AH18-20	37	60	152	271	284	29	147	227	253	343	-	433	508	517	1500	750	30/60°	5connecting rod	14.5	16	24	28
AH18-24	37	60	188	305	318	29	153	197	223	323	423	523	598	607	1500	800	30/45°	5connecting rod	14.5	16	25	29

Note: Material 3.0 means the connecting rod material thickness is 2.5 and 3.0 mixed wall thickness.



编号	A	В	С	L	Н1	Н2	Н3	Н4	锁点	门重
01	1005	38	80	2800	243	600	1200	2250	暗	300KG
02	1005	38	80	2800	243	600	1200	2250	明	300KG
03	995	38	80	2800	243	600	1200	2250	暗	300KG
04	1005	38	80	2400	243	600	1200	1750	暗	300KG
05	1005	38	80	2400	243	600	1200	1750	明	300KG
06	995	38	80	2400	243	600	1200	1750	暗	300KG
07	995	38	80	2605	245	745	1195	1895	明	300KG
08	995	38	80	2205	245	745	1195	1595	明	300KG
09	1325	38	80	2400	243	600	1325	1750	明	300KG
10	1325	38	80	2400	243	600	1325	1750	暗	300KG
11	365	25.5	43	1700	245	745	1295	/	明	150KG
12	435	25.5	43	1700	245	745	1295	/	明	150KG
13	545	25.5	43	1700	245	745	1295	/	明	150KG
14	895	25.5	43	1700	245	745	1295	/	明	150KG
15	365	25.5	43	1700	245	745	1295	/	暗	150KG
16	435	25.5	43	1700	245	745	1295	/	暗	150KG
17	545	25.5	43	1700	245	745	1295	/	暗	150KG
18	895	25.5	43	1700	245	745	1295	/	暗	150KG

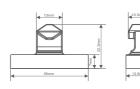
Long Striker
Part number:R-SD304
Material:Cast Steel
Application Range:Lift Sliding Door





Shourt Striker

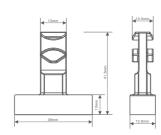
Part number:R-SD305 Material:Cast Steel Application Range:Lift Sliding Door





Micro-Ventilation Long Striker

Part number:R-SD306 Material:Cast Steel Application Range:Lift Sliding Door





Micro-Ventilation Shourt Striker

Part number:R-SD307 Material:Cast Steel Application Range:Lift Sliding Door

