

Global Service Network-Overseas Area

**IFE Elevators & Escalators (Russia)**  
Tel: +7(926)-894-81-96 Email: ru@ifelift.com  
Address: SK Plaza, Dmitrovskoe Road 163ak2, Moscow, Russia

**M/s IFE MIDDLE EAST ELEVATORS LLC**  
Tel: +971(0)42505888 Email: ae@ifelift.com  
Address: 502# Saphire Tower, Ittihad Road ,Deira Dubai, UAE

**IFE Elevators & Escalators (Australia) Pty Ltd**  
Tel: +61(0)8 9202 4666 Email: au@ifelift.com  
Address: 36 Beringarra Avenue Malaga WA 6090

 **IFE ELEVATORS CO.,LTD**  
China Factory: Qingxi Town, Dongguan City, Guangdong  
Tel: +86-769-82078888 Fax: +86-769-87732448  
Hotline: 400-6789-443 Website: www.ife.cn

The image and content are just for you reference and please be subject to the actual products. Please pardon us for not informing you in advance if anything updated.  
Please contact IFE for details.  
201901 © All Rights Reserved @ IFE

**PT.IFE ELEVATORS INDONESIA**  
Tel: +62 21 22604802 Email: ifeindo@ifelift.com  
Address: The Mansion Dukuh Golf Kemayoran Tower Fontana Lt.21 Unit L2 & m2,  
JI Trembesi Blok D4 Pademangan Timur Pademangan Jakarta Utara Dki Jakarta 14410

**IFE ELEVATORS LANKA**  
Tel: +94112686867 Email: SI@ifelift.com  
Address: 158/9 Lake Drive colombo 08 Sri lanka

**Office in Singapore**  
Tel: +86 13929229955  
Address: 23 Genting Road #07-01/02 Chevalier House Singapore 349481



JOYMORE-6 Machine Roomless Passenger Elevator

Trusted by the World  
Stock code: 002774







## LEADING IN EXPORT VALUE AMONG CHINESE ELEVATOR BRANDS FOR LAST 6 YEARS

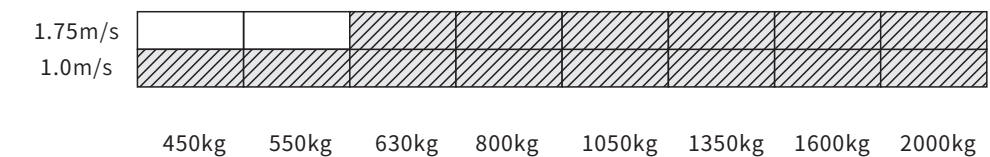
- China National Elevator Brand A Share Listed Enterprises (Stock Code: 002774)
- First group of elevator companies awarded class A certificate in manufacturing, installation maintenance certified by National Quality Inspection Department
- An area of 110,000 square meter global production industrial park as international leading elevator and escalator test tower
- Approved National Hi-tech Enterprises and provincial Elevator Research and Development Center
- With product sales to 5 continents 33 countries and areas around the world
- 101 branches and service points in the globe
- Covers more than 300 cities above prefecture level in China and radiates more than 2000 administrative regions at County level.
- More than 1000 after-sales and engineering technicians



# PEOPLE-ORIENTED, CREAT SAFE AND COMFORTABLE EXPERIENCE

## ENJOY PEACE AND COMFORT,CREATE HARMONY LIVELIHOOD,ACHIEVE JOYFUL LIVE

JOYMORE-6 inherits "people-oriented" design concept, manufactures safe quality with leading technology, Fusion of "minimalism" concept, energy saving and environmental protection, let each passenger enjoy quiet and comfortable urban life, at the same time, provide flexible building vertical traffic solutions for architectural design, to meet the efficient operation needs of residence, office, Hotel and other buildings.







# HOUSING DEVELOPMENT BOARD CORE ELEVATOR SUPPLIER

Housing Development Board, shorted as HDB.  
HDB project has strict requirements on elevator  
safety, reliability and energy-saving performance  
in the world.



IFE Elevator, through unremitting efforts, has finally passed the inspection and evaluation of HDB with its excellent quality products and efficient services. IFE Elevator has received more than 6500 orders since it entered the Singapore market in 2005, and has set a new record for the single export project of elevators in China. IFE Elevator has been the core elevator supplier of HDB for six consecutive years, proving to the world the high quality made in China.



● A letter of thanks from Mr. Cheung Chi-hsien, Deputy Prime Minister of Singapore



Single export project No. 1 in six consecutive years



HDB core strategic partner



Occupy Singapore 60% elevator market





▲ Cancer Centre & Pathwest, Perth, Australia

## CREATE HARMONY LIVELIHOOD, OFFER JOYFUL LIFE OVERSEA CLASSIC CASE



▲ Afghanistan, Azizi Plaza Project



▲ Sri Lanka, JETWING NEW OFFICE & OZO HOTEL



▲ Damansara Perdana , Kuala Lumpur, Malaysia



▲ Nagaworld Vladivostok



▲ Poly Real Estate · Sri Lanka Defense ministry ( KDU )  
KDU project is contracted by Poly Overseas Real Estate, which is an authoritative benchmark building in Sri Lanka.



▲ Indonesia, Airworthiness and Aircraft Operations Office



▲ JKCC shopping center, Malaysia



▲ India, The Park Project



▲ Indonesia, Bassura City





▲ Greenland Group Dike Head Community

## CREATE HARMONY LIVELIHOOD, OFFER JOYFUL LIFE INLAND CLASSIC CASE

▼ Jiahe Hetai Shijia, Yingkou Liaoning



▼ Wanmaes Trade City, Taiyuan Shanxi



▼ Yulong Garden Community, Indemnificatory Housing, Linxiang Lincang, Yunnan



▲ South China Agricultural University

### ▼ More Cases

- Scott Land Colorful World Shopping City, Guangzhou
- Zhongying Invest Lilang International Jewelry Industry Park, Shenzhen
- Jinhua Real Estate Yefenhaiyun Community, Haikou
- Renruixiaoxiang International, Changsha
- Kaile Garden, Wuhan
- Baijinhanshui Waterscape Garden, Nanchang
- Eastsea Star City, Hefei
- Zihua Real Estate Jinying Sunshine City, Zhenzhou
- Minji Phonix City, Qindao
- Sunshine Watershore, Qindao
- Zhongji Green Land, Shijiazhuang
- Zhenghong Real Estate Weiduyuyuan, Datong
- Xinyue Real Estate Beiliangpeng Reform District, Baotou
- Zhongan Jade Lake, Chongqing
- Hongyan Real Estate Longxinyuan, Guizhou
- North Warm Real Estate Qinshuiyuan, Yinchuan
- Zhuoyue Real Estate Seasons Flower City, Ussu
- Jiachen Real Estate Zhongyong Saina City, Dalian
- Zhongshen Real Estate Wanhehaoting, Changchun
- Yawei Real Estate Guangxin New City, Harbin



▲ Lianhua International · Dongguan Xinhe Chuanshuo



▲ Banglian Real Estate · Dongguan UCC



◀ Zhongying Invest · Lilang International Jewelry



## HUMAN TECHNOLOGY, SAFE ARRIVAL

### Diameter ratio of traction sheave rope is 25% higher than national standard and Steel Rope service life is 2 times longer than before

For the purpose of safety and longevity, diameter ratio of traction sheave and steel rope is 50 which is 25% higher than national standard(40)and the service life of steel rope last 2 times longer than before which are able to lower elevator maintenance costs.

### Higher Standard than National Standard of Landing Door Strength Test

Through the strength test by using 45kg pendulum from 1100mm(national standard requirement is 800mm) height free fall strike the landing door, effectively deal with reckless strike, to prevent passengers from falling into the shaft.

25%

Rope ratio is higher than International

2 Times

Steel wire rope life extension

1100mm

Pendulum test height exceeds national standard

### UCMP for Preventing Unintended Car Movement

Patent No.201320606488.3

Unintended Car Movement Protection system(UCMP) prevents car unintended movement in the door opening area, prevents the risk of accidental movement of the car, and protects the safety of the passengers.

### Anti-loosen Detection of Steel Rope for Protecting Riding Safety

Patent No.201420470694.0

Whole-process real-time detected by anti-loosen detection of steel rope device The elevator stops running immediately ensuring passengers safety if steel rope loose.

### Alarmed for Overloading Alert by Precisely Weighing Technology

Patent No.201410337015.7

Accurately measure car load at each landing floor by using the industry-leading weighing technology to avoid potential safety hazard and accidental injuries caused by overloading.

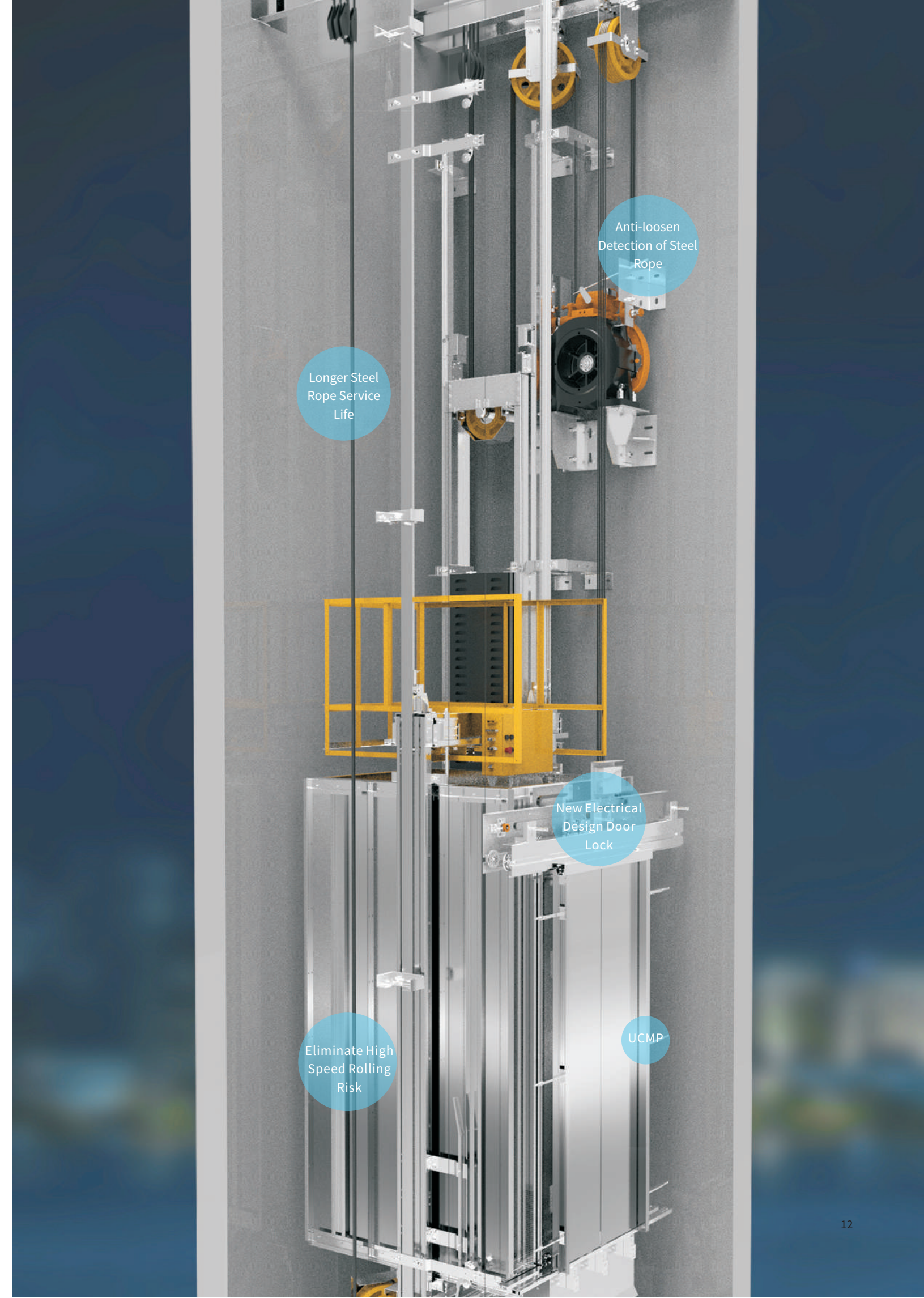
### New Electrical Design Door Lock for Preventing Risk of Door Lock Short-circuited

Patent No. 201621450975.5

Prevent electrical circuit of elevator door lock and switch contact of door lock being man-made short circuit cause elevator to operate in the door opening condition, thus avoiding the risk of accident.

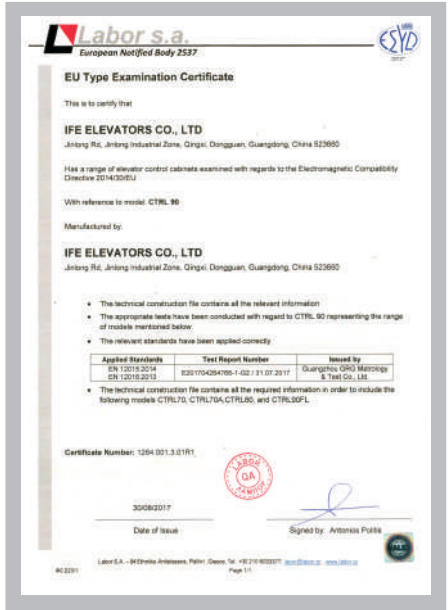
### Integrated Door Vane Reduces Failure of Door Opening

Prevent electrical circuit of elevator door lock and switch contact of door lock being man-made short. The new integrated door vane is a collection of aesthetic design, easy installation, commissioning, safe and reliable operation to reduce the door opening failure.





# COMFORTABLE EXPERIENCE AND LOW ENERGY CONSUMPTION



Energy feedback system



LED car lighting



Intelligent control system

## EU standard for EMC

IFE's products meet the requirements of the European Union for electromagnetic compatibility and environmental protection. Specifically, they are low-radiation and non-electromagnetic pollution to give passengers green security protection.

## Using CANBUS communication technology to improve elevator stability

It is widely used in aviation and automotive industries. It can improve the system response speed and stability to keep the control system efficient and stable.

## Direct docking technology and smooth ride comfort

Passengers can enter and exit the car very smoothly, directly docking and precise positioning to achieve elevator operating efficiency and comfort.

## IFE's noise reduction device brings a quiet environment

The switch collision sound of the end station can be eliminated by non-contact magnetic induction technology to achieve fast speed change without noise and vibration. Finally, let passengers enjoy a quiet journey.

## Energy feedback system (optional)

The customizable energy feedback system achieves energy savings of more than 30% by inputting electrical energy from the motor to the grid or other electrical equipment. At the same time, it can extend service life of electrical equipment in elevators and reduce temperature of machine rooms.

## LED car lighting leads the new wave of energy-saving elevators

All cars are equipped with LED lighting devices, which respond to the national call for energy saving, safe, efficient, radiation-free and easy to maintain. It is a modern model of healthy and green living.

## Intelligent control system to save more energy

IFE responds to green environmental needs and creates green driven elevators for customers. For example, when no one is in the elevator, the intelligent control system enables lighting, ventilation and so on to automatically switch to standby mode.

## The energy saving of environmental protection driving system is up to 45%

The elevator is innovatively driven by permanent magnet synchronous traction machine to improve the operation efficiency, with low starting current, small volume and low noise. Compared with the elevator driven by worm wheel and worm, the elevator saves energy by 40-45% and reduces noise by 5-10db (A).





## STANDARD CONFIGURATION

Comfortable and pleasant while enjoying different space experience which is clean, tidy and easy-maintained.



### Car LED Lighting Provides Quiet and Refreshing Ride Experience

The whole LED lighting system consumes only one- fifth of the power of ordinary fluorescent lamps that creating a spacious and bright, quiet and refreshing riding space.



### Caring Human Science Perceived from Smart Dim Light Button

Incorporating the humanized concept into the details of elevator buttons. Higher discrimination of smart dim light button for more clearly detect the position of car button. Lightly pressing the button of designated floor and then the button light becomes fully illuminated, with buzzer reminder.

## CAR75-05

Note: C22 ceiling is not suitable for deep car

COP: COP34-00 Hairline Stainless Steel/ Dark Grey Acrylic/Dot Matrix Display in White

Celling: C22-00 Hairline Stainless Steel/LED Ceiling Light

Car Wall: CW03-00 Hairline Stainless Steel

Car Door: L01-00 Hairline Stainless Steel

Floor: F01-00 Wear-proof PVC





## OPTIONAL CONFIGURATION

variety of car decoration style, new and stylish decoration design.



### CAR80-06

COP: COP35-00 Hairline Stainless Steel/Dark Grey Acrylic/White Segment LCD Display

Ceiling: C17-00 Hairline Stainless Steel Translucent Acrylic Tube/ PC Translucent Panel

Car Wall: CW01-07 Side Wall: Hairline Stainless Steel/ Middle: Mirror STST.Etching

Rear Wall: Hairline Stainless Steel/ Middle: Mirror Stainless Steel

Car Door: L01-00 Hairline Stainless Steel

Floor: F01-04 Wear-proof PVC



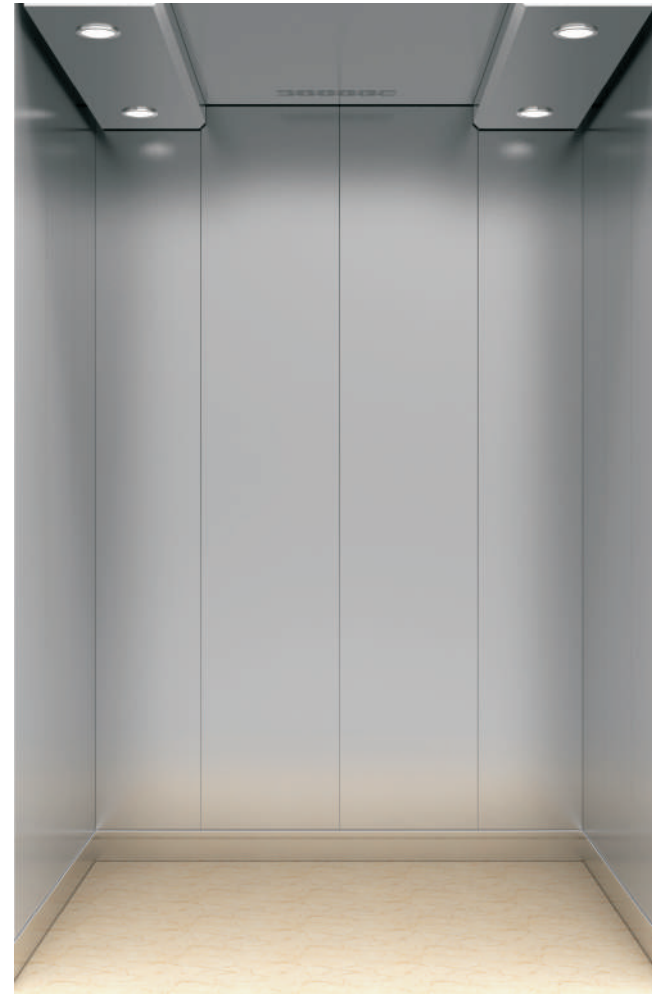


### CAR80-02

Ceiling: C99-09 Hairline Stainless Steel/LED Ceiling Light/Mirror STST. Etching  
 Car Wall: CW01-05  
 Side Wall: Hairline Stainless Steel/ Middle Mirror STST. Etching  
 Car Door: L01-00 Hairline Stainless Steel  
 Floor: F01-01 Wear-proof PVC

## OPTIONAL CONFIGURATION

variety of car decoration style, new and stylish decoration design.



### CAR75-07

**Note: C22 ceiling is not suitable for deep car**

Ceiling: C22-05 Painted Steel -Matt Grey/LED Ceiling Light  
 Car Wall: CWo3-03 Painted Steel -Matt Grey  
 Car Door: L01-05Painted Steel-Matt Grey  
 Floor: F01-00 Wear-proof PVC



### CAR80-04

Ceiling: CO8-00 Hairline Stainless Steel/LED Ceiling Light/  
 Translucent Acrylic Tubes  
 Side Wall: CW01-00 Hairline Stainless Steel/ Middle: Mirror STST. Etching  
 Car Door: L01-00 Hairline Stainless Steel  
 Floor: F01-07 Wear-proof PVC



# DECORATION CONFIGURATION

COP, Display, HOP (Standard +Optional Configuration)



**COP34-00**  
(Standard configuration)  
Panel: Hairline Stainless Steel  
Display: White dot matrix



**COP35-00**  
(Optional configuration)  
Panel: Hairline Stainless Steel  
Display: White segment code LCD



**LCDP070 (Optional Configuration)**  
Picture machine LCD display  
Display size: 7 inches (154\*86mm)



**HOP37-00**  
(Standard Configuration)  
Panel: Hairline Stainless Steel  
Dark grey plexiglass  
Display: White dot matrix



**HOP38-00**  
(Optional configuration)  
Panel: Hairline Stainless Steel  
Dark grey plexiglass  
Display: White segment code LCD



**HOP39-00 (Optional configuration)**  
Panel: Hairline stainless steel  
Dark gray plexiglass  
Display: White dot matrix

## Ceiling(Standard +Optional Configuration)



**C22-00** Hairline stainless steel / LED ceiling light  
Note: C22 ceiling is not suitable for deep car



**C17-00** Hairline stainless steel / Acrylic light transmission column / PC light transmission board



**C08-00** Hairline stainless steel/LED ceiling light / Translucent Acrylic Tubes



**C99-09** Hairline stainless steel/LED ceiling light / mirror stainless steel etching



**C16-00** Hairline stainless steel / PC light plate / LED ceiling light



**C21-00** Hairline stainless steel / Translucent Acrylic Tubes / LED ceiling light  
Note: C21 ceiling is not suitable for deep car

## PVC Floor (Standard +Optional Configuration)



**F01-00 (Standard)**



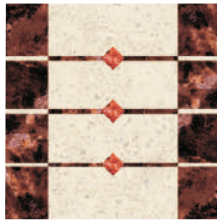
**F01-03 (Optional)**



**F01-04 (Optional)**



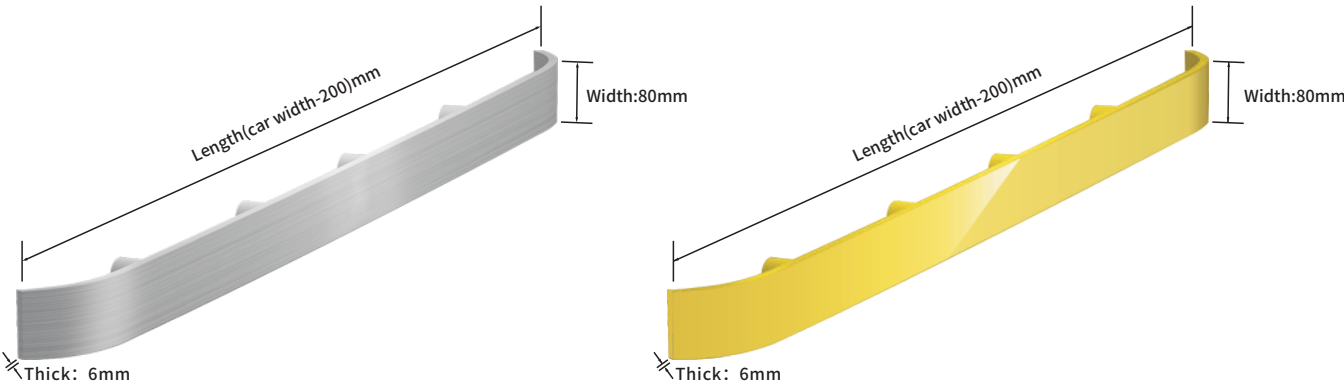
**F01-05 (Optional)**



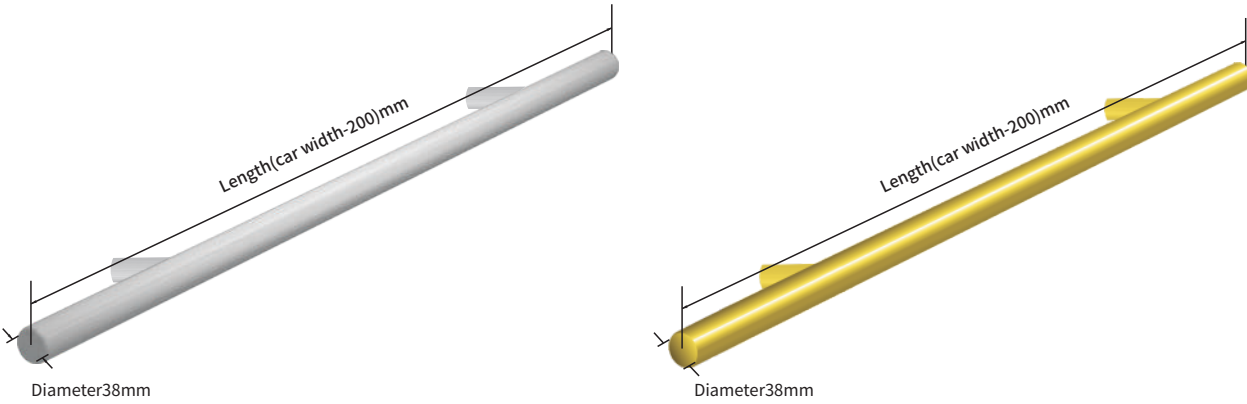
**F01-07 (Optional)**



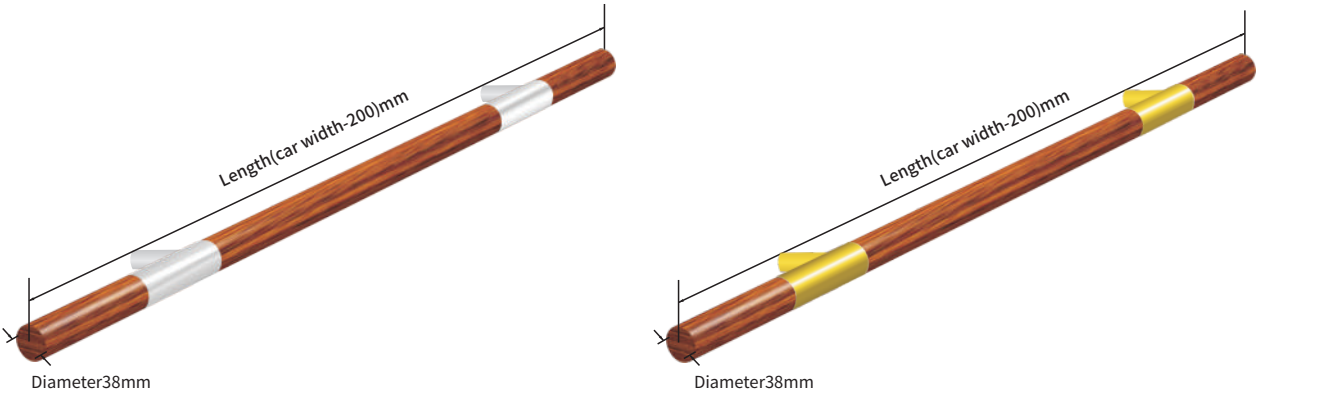
Handrail (Optional Configuration)



**H01-00 (Flat elbow handrail)** Hairline stainless steel  
**H01-01 (Flat elbow handrail)** Mirror stainless steel  
**H01-02 (Flat elbow handrail)** Titanium mirror stainless steel



**H05-00 (Cylindrical handrail)** Hairline stainless steel  
**H05-01 (Cylindrical handrail)** Mirror stainless steel  
**H05-02 (Cylindrical handrail)** Titanium mirror stainless steel



**H06-00(Wooden cylindrical handrail)**  
Black walnut wood cylinder+ Mirror stainless steel bracket  
**H06-01(Wooden cylindrical handrail)**  
Black walnut wood cylinder + titanium mirror stainless steel bracket

Landing Door and Jamb (Standard+ Optional Configuration)



Landing door:**L01-00 (Standard)** Hairline stainless steel (first floor )  
**L01-05 (Standard)** Steel plate sprayed matt grey(other floor)  
Jamb: **LDJ01-00(Standard)** Hairline stainless steel (first floor)  
**LDJ01-01(Standard)** Steel plate sprayed matt grey (other floor)



Landing door: **L02-02 (Optional)** Mirror stainless steel etching  
Jamb: **LDJ01-00 (Standard)** Hairline stainless steel



Landing door: **L02-06 (Optional)** Mirror stainless steel etching  
Jamb: **LDJ01-00 (Standard)** Hairline stainless steel



Landing door: **L02-08(Optional)** Mirror stainless steel etching  
Jamb: **LDJ01-00(Standard)** Hairline stainless steel



# JOYMORE-6 PASSENGER ELEVATOR

## BASIC FUNCTION

Operation Functions		
01	Full Selective Collection	Collect at the calling signals to answer selectively based on the signal control system
02	Full Load By-pass	No response to the hall calling signal when the lift is at full load in automatic mode, but only answers the car calling signal
03	Car Call Reset	Double click the COP button to cancel the wrong command to achieve car call reset
04	Door Open/ Close Button	Micro buttons on the cop to control the door open/close so that passengers could handle the open/close timing flexibly
05	Door Open/ Close Button Light	Door open/close button light lights up to indicate the successful answer
06	Resume Operation in Power Supply	When the position signal is failed to retain or not sure about the elevator position after a power failure, the elevator would go to the end floor to re-position and be back to normal running
07	Automatic Home Landing	The elevator would be back to base floor to stand by under automatic condition if there is no calling command within the setting time
08	Anti-nuisance Car Call Protection	The computer detects the load and number of car calling registration then judges the command by logic. All signals will cancel if the command is not quite normal
09	Door Reopening by Landing Call	Push the HOP button same as the elevator going direction when the door is closing, then the door will reopen
10	Torque Compensation in Start	The system will calculate as per the load in elevator and optimize the torque compensation to give more comfort when the elevator starts
11	Direct Landing Technology	Micro-computer controller automatically calculates the optimum speed profile according to the target floor distance and directly lands without crawling

Safety Functions		
12	Safety Loop Protection	When the elevator falls, elevator microcomputer control system will report the fault code based open the preset fault code to bring convenience to maintenance staff
13	Absent or Mistaken Epsilon Phase Device	When the power supply is off phase or phase sequence is wrong, system safety circuit will be disconnected and the elevator will stop running
14	Overload Protection	When the car is loaded beyond the rated load, overloading buzzer will sound to alert. At this moment, the door is not closing and the elevators is not working
15	Safety Curtain with Multiple Light Beams	System forms dense infrared across the door. When a person or object enters the detection area, the system will response sharply in order to protect passengers from the risk of door
16	Door Reverse	The door is subjected to a reverse resistance exceeding the preset torque value when it is closing, the elevator will reopen
17	Door Interlock Protection	When the landing door and car door are both in normally closed status, the elevator will operates normally only when the control system judges the elevator is normal
18	Landing Zone Guard	For safety reason, the car door cannot open in the non-leveling area
19	Downward Over Speed Protection	When the downward speed of elevator exceeds a specified speed, the governor will take action and the safety circuit will be cut off while safety gear brakes, then the car stops on the guide-rail
20	Upward Over Speed Protection	When the upward speed of elevator exceeds a specified speed, the governor will take action and the safety circuit will be cut off while the action machine brakes, then the car stops
21	Reversal Movement Guard	When the system detects the actual running direction is inconsistent with the specified direction, the car stops immediately and alarms
22	Brake Guard	Brake relay signals are being monitored in the entire process, when the brake relay finds the actual states is inconsistent with the specified command, the system will stop the elevator operating
23	Contractor Non-releasing Protection	No matter the elevator is running to the terminal station and the operating speed is not reduced to a preset value, the system will be forced to slow down to ensure the safe operation of elevator

## BASIC FUNCTION

Safety Functions		
24	Speed Limited Switching in Terminator	When the elevator passes over the terminal nation and the operating state, the system will output the contractor condition. Once, the contractor is in abnormal state, the system will stop the elevator operating
25	Buffer Safety Protection	When the elevator passes over the terminal floor for some reason, car buffer and counterweight buffer will star the protection and the safety circuit will be cut off in the meantime
26	Microcomputer self-check Protection	The system scans the input and output points of controller before the start of elevator. The elevator will stop starting if the data is abnormal
27	Anti-locked-rotor Feature of Motor	If the traction machine does not run due to mechanical jamming when the elevator is starting operating and it exceeds the preset timing, the system will stops the elevator operating
28	Fault Storage	The computer stores the accidental record of elevator. It can be supplied to elevator manufacturers and maintenance staff for statistical analysis
29	Star Closure Method	When the brake fails and leads to an unintended movement of elevator, the three-phase winding of the permanent magnetic synchronous motor will be in short circuit and turn to power generation state. It drives the elevator running at the speed of 0.1m/s and eliminates the risk of high-speed slip to ensure the safety of passengers
30	Hoisting Rope Anti-loose Detection	The hoisting rope is under real-time detection during the elevator operation and when single or multiple hoisting ropes are detected to be stack relaxation, the elevator stops immediately
31	Electronic Weighting	Electronic weighing accurately measures the weight of each landing of the car and suppliers and signal to the control system in order to achieve the anti-nuisance, full load by-pass and overload protection
32	Brake Monitoring Device	Brake monitoring device detects if the left and right sides of the brake action are consistent or reliable If they are inconsistent or unreliable, the control system will automatically report to the brake fault detection , so that the motor stops running to prevent the traction machine brake failure
33	UCMP	When the elevator is stopping at the leveling floor and the landing door or the car door is not totally closed, the car is unintended moving t and leaves the lock open area, then the elevator is forced to stop if the UCMP dashboard detects danger signals so that it protects the passengers
34	Landing Door & Car Door Bypass Devices	In order to maintain the contact of the landing door and the car door (including the door lock contact), a bypass device is provided on the control cabinet. When by passing the device, the contacts of the landing door and the car door cannot be bypassed at the same time. In the bypass state, only the operation or emergency electric operation can be repaired, and the sounding device and the car bottom setting flashing light are set on the car to give an alarm promptly
35	Door Circuit Detection	When the car is in the unlocking area, the car door is opened and the door lock is released, the electrical safety device for checking the closed position of the car door, for checking the position of the door locking device and the correct operation of monitoring signal can be monitored. If the fault is detected, the elevator will not operate normally

Special Operation		
36	Attendant Operation	By opening the switch in COP, the elevator will be turned into the attendant operation state so the driver may manage the number of passengers in the car, hall call response and opening/ closing doors
37	By-pass Switch	After entering the driver operation state, pressing by-pass button before the start, the elevator does not respond external call in the next course of operation, and goes straight to the floor with the registration by drivers operating instructions in the car
38	Buzzer	When the elevator is the drive operation state, buzzer will sound to alert the drives that someone is calling if it is registered by external call
39	Independent Service	The dedicated operation function, when the elevator no longer responds to the call signal outside the hall, but can only be manually controlled to open and close the door
40	Main Floor Setting	According to site requirements by setting the main station based on basic parameters, the elevator will return to the preset floor when it exceeds a specified timing without any operations
41	Firefighting Floor Settings	According to site requirements by setting fire man service floor based on the basic parameters, the elevator will land to the preset floor when inputting the fireman service signal
42	Inspection Operation	Pressing direction buttons on the junction box at car top to control the elevator to go forwards the direction selected or opening、 closing buttons to control the operation of doors makes the maintenance faster and more convenient
43	Flexible Car Park Set	Clients can decide the elevator stops or not on a specified floor



# JOYMORE-6 PASSENGER ELEVATOR

## BASIC FUNCTION

### Human Machine Interface

44	LCD Display Inside the Car	LCD simply on the COP shows the information about floors and directions
45	Hall LCD Display on the First Floor	Hall LCD display shows the information about floors and directions
46	Floor Mark Flexible Set	The type of words special floors can be customized regarding to the requirements
47	Arrival Chime	Arrival chime will sound when the elevator is arriving at a certain floor
48	Hall Call button dim light reminder function	When in the standby state, the button is in a slightly bright state, which is convenient for a passenger with poor eyesight to observe the position of the call button, and when the call button is pressed, the button light becomes fully illuminated
49	COP button dim bright buzzer reminder function	When in the standby state, the button is in a slightly bright state, which is convenient for the passenger with poor vision to observe the position of the car button. When the car command button is pressed, the button light becomes fully illuminated with a buzzer reminder
50	Open the door to maintain the delay function	After the elevator opens the door, press the delay button and then automatically close the door after the delay time

### Emergency Functions

51	Car Alert Button	Passengers can inform the outside in time by pressing the car alert button under special circumstance
52	Emergency Lighting inside the Car	Emergency light inside the car can be used during power outage
53	Intercom Device	Intercom device can give realization of 5 party conversations among car, pit, car top, machine room and monitoring center. Clients are supposed to supply a wire form monitoring center to the first floor. Specifications:4x0.75mm2(distance no more than 1800 meters)
54	Fire Emergency Landing	Elevator will cancel all calling signals and go straight to the fire man service floor after receiving the fire signal. It will also keep the door opening and wait for the operation of fire man. It will return to normal use when the fire signal is canceled
55	Fire Emergency Landing Feedback	The system will give a signal to the management center to indicate the elevator has received the fire signal and is waiting for the operation of firemen after the elevator receiving the fire signal and being back to the fire man service floor
56	Emergency Rescue	When the safety gear, oil buffer,upper limit switch, lower limit switch and governor take action, operating the emergency rescue function in the control panel makes the elevator run slowly in order to swiftly save people

### Energy Saving Function

57	Parking Service	When the key switch on the preset floor takes action the elevator will return to the locking floor and then close the door and turn in sleeping state after answering all the callings
58	Automatic Turn on/off	Under the circumstance without any operation instructions, the elevator will enter automatic turn on.off mode within the preset timing and closing door, turning off the lights and fans inside the car

## OPTIONAL FUNCTION

01	Voice Announcement	Voice announcement will sound when the elevator arriving at station
02	Braille Button	All the buttons with braille for disable person consideration
03	Auto Rescue Device	When the elevator suddenly stop during normal operation, the device immediately work and drive elevator slowly operate to the nearest floor, then elevator open door to rescue passenger
04	Power Regeneration Device	Elevators' reciprocating lifting and repeated braking respectively result in an elevator potential energy and kinetic energy released. When using power regeneration device, the release or potential energy and kinetic energy from elevator are converted to electrical energy in phase with the same frequency, then they feedback to the grid so as to achieve energy-saving purpose
05	Multiple Operation	When two elevators are using together, achieving co-ordination of hall call instructions to improve operational efficiency via serial communication to transfer data
06	Group Control Operation	Group control system is capable of 3 to 8 elevators for centralized control, so the elevator group can automatically select the most appropriate response, to avoid repeating the stops of elevator and to shorten the waiting time of passengers, improving operational efficiency, saving energy
07	Community Monitoring System	a microcomputer intelligent management system that can comprehensively monitor the elevator in community and provide the data to building functional management
08	IC Card Management	passengers can only call the elevator by swiping the card (authorized by the elevator owner)
09	Sub-COP	It is convenient for passengers to choose floor in the cabin



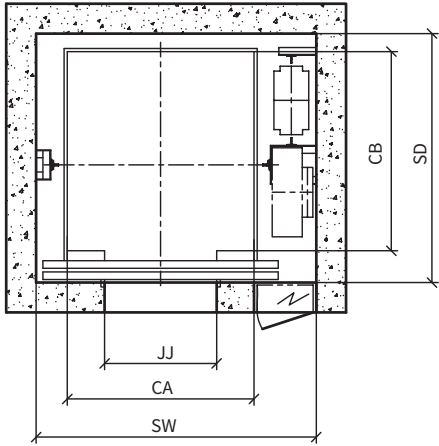


JOYMORE-6 TECHNICAL SPECIFICATION

NO.	Specification			450	550	630		800		1050		1350		1600		2000	
01	Capacity(kg)			450	550	630		800		1050		1350		1600		2000	
02	Speed(m/s)			1.0	1.0	1.0	1.75	1.0	1.75	1.0	1.75	1.0	1.75	1.0	1.75	1.0	1.75
03	Operation System			Full Collective Selection Operation													
04	Driving System			VVVF													
05	Door Operator System			VVVF Permanent Magnet Synchronous Type													
06	Traction Machine			Permanent Magnet Synchronous Gearless Type													
07	Control System			CTRL80													
08	Communication			Canbus Serial Communication													
09	Parallel Elevators			2 Units (Optional)													
10	Group Control Elevator			3-8 Units (Optional)													
11	Car Specification (W*D*H) (mm)	Single Door	Wide Car	1000*1200*2270	1000*1300*2270	1100*1400*2420		1350*1400*2420		1500*1600*2420		1750*1700*2420		1750*1950*2420		2000*2000*2420	
			Deep Car	— —	— —	— —		1100*1750*2420		1100*2100*2420		1200*2400*2420		1400*2400*2420		— —	
		Dual opening		— —	— —	1150*1400*2420		1350*1450*2420		1500*1600*2420		1750*1700*2420		1750*1950*2420		— —	
12	Door Size (W*H) (mm)	Single Door	Width Car	800*2100	800*2100	Center opening 800*2100		Center opening 800*2100		Center opening 900*2100		Center opening 1100*2100		Center opening 1100*2100		Center opening 1200*2100	
			Deep Car	— —	— —	— —		Center opening 800*2100		Center opening 900*2100		Center opening 900*2100		Center opening 900*2100		— —	
		Dual Opening		— —	— —	Center dual opening 800*2100		Center dual opening 800*2100		Center dual opening 900*2100		Center dual opening 1100*2100		Center dual opening 1100*2100		— —	
13	Shaft Size (Width*Depth) (mm)	Single Door	Wide Car	Center Opening 1800*1650\Two Panels SO 1750*1700	Center Opening 1750*1700\Two Panels SO 1700*1800	1850*1850		2100*1850		2250*2000		2750*2200		2750*2500		3000*2400	
			Deep Car	— —	— —	— —		1850*2150		2050*2500		2300*2800		2400*2800		— —	
		Dual Opening		— —	— —	2150*1950		2100*1960		2300*2110		2750*2210		2750*2460		— —	
14	Travel Height(m)			≤45	≤45	≤45	≤75	≤45	≤75	≤45	≤75	≤45	≤75	≤45	≤75	≤45	≤75
15	Traction Machine Position			Overhead inside shaft													
16	Overhead Height(mm)			3850	3850	4000	4200	4000	4200	4000	4200	4300	4500	4300	4500	4300	4500
17	Pit Depth(mm)			1450	1450	1500	1600	1500	1600	1500	1600	1700	1800	1700	1800	1700	1800
18	Rated Power(kVA)			6.6	6.6	6.6	11.2	7.9	13.8	9.9	17.8	13.8	23.7	16.5	28.3	20.4	30.9
19	Power Supply& Min. Wiring Requirement			380V,50Hz, 3-phase 5-wire, zero wire and ground wire separated, grounding resistance ≤4Ω													
				3*6mm <sup>2</sup> +2*6mm <sup>2</sup>		3*6mm <sup>2</sup> +2*6mm <sup>2</sup>		3*6mm <sup>2</sup> +2*6mm <sup>2</sup>		3*6mm <sup>2</sup> +2*6mm <sup>2</sup>		3*10mm <sup>2</sup> +2*6mm <sup>2</sup>		3*6mm <sup>2</sup> +2*6mm <sup>2</sup>		3*10mm <sup>2</sup> +2*6mm <sup>2</sup>	

- Note: 1.Deep car is used for specified application, such as for stretcher delivery in evacuation occasions.  
2.Car height is “2420” mm or “2270” mm, when select standard C22 series ceiling (height 80mm). Car height may vary due to different type of ceilings .  
3.Door hole height=Door opening height +100mm.  
4.Door hole width=Door opening width +200mm.

Shaft Section Drawing



Shaft Plan Layout

