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领先运载 · LEAD CARRY

FREIGHT
ELEVATOR SERIES
载货电梯集成配套系列






品质创造价值 / 科技启迪未来
QUALITY CREATES VALUE / TECHNOLOGY INSPIRES THE FUTURE

品质创造价值 / 科技启迪未来

QUALITY CREATES VALUE / TECHNOLOGY INSPIRES THE FUTURE



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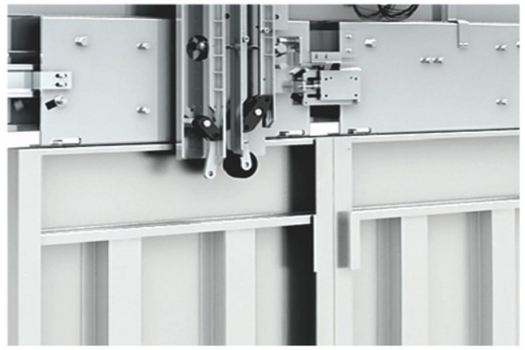
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卓越品质 行业领先

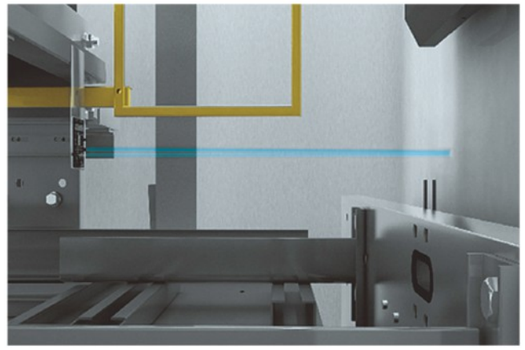
EXCELLENT QUALITY LEADING THE INDUSTRY

在物流领域，在工厂、仓库、购物中心、超级市场、机场、车站等不同的场所需求中，宁波申菱电梯货用系列的发展已臻成熟，我们生产的电梯产品多达几十种，载重量跨度从500公斤到5000公斤，长期以来奠定了宁波申菱货用电梯“节能、减噪、恒力、精准”的技术和生产优势，完成了对客户高效能和高人性化的服务。

In the field of logistics, the development of NBSL Elevator cargo series has reached maturity in the demand of different places such as factories, warehouses, shopping centers, supermarkets, airports, stations, etc. We have produced dozens of elevator products with loads The weight span ranges from 500 kg to 5000 kg. NBSL freight elevator has established the technical and production advantages of "energy saving, noise reduction, constant force, and precision" for a long time, and has completed high-efficiency and highly humanized services to customers.







安全可靠
创造全新的运载服务

Safe and reliable
Create a new delivery service

耐冲击层门系统

能有效地将层门耐冲击能力得到提升，从而避免了因冲击层门系统而导致坠落井道等危险的发生。

Impact-resistant landing door system

It can effectively improves the impact resistance of the landing door, thus avoiding the danger of passenger falling into the shaft due to the impact of the landing door system.

防扒装置

能防止电梯在非可锁区域时，轿门被扒开而可能造成乘客坠落等危险的发生，从而进一步保障了乘客的安全。

Anti-scraping device

It can prevent the car door from being pulled open when the elevator is in a non-lockable area, which may cause passengers to fall and other dangers, thereby further ensuring the safety of passengers.

UCMP轿厢意外移动保护装置

能在电梯厅门、轿门处于同时打开状态，而非正常偏离平层位置时制停电梯，从而防止人员伤害以及设备损坏的情况发生。

UCMP car anti-plucking device

It can stop the elevator when the elevator hall door and car door are opened at the same time, instead of deviating from the leveling position normally, so as to prevent personnel injuries and equipment damage.

控制一步到位

控制柜（32位）与各候梯厅的呼梯按钮、楼层显示器、厅灯之间采用串行通讯方式。根据数据内容和量的多少，采用多种协议，实现了数据通讯的高速大容量化，因此监视各电梯运转状况和指令的能力，在通讯速度、精密度、可靠性方面均有大幅度提高。

One-step control

Serial communication is used between the control cabinet (32 bits) and the call buttons, floor displays, and hall lights of each waiting hall. According to the content and amount of data, a variety of protocols are used to achieve high-speed and large-capacity data communication. Therefore, the ability to monitor the operation status and instructions of each elevator has greatly improved in communication speed, precision, and reliability.



轿厢装潢
CAR DECORATION

360° 全景展示



门框：小门框，钢板喷塑B531P
厅门：钢板喷塑B531P

Door frame: Small door frame, painted steel with B531P
Landing door: Painted steel B531P



SL-1152 标配

轿顶：SL-2238 一体式，钢板喷塑B531P
轿壁：钢板喷塑B531P
地板：花纹钢板

Car roof: SL-2238 integrated, painted steel B531P
Car wall: Painted steel B531P
Floor: Checkered Plate

B519P

A405P

A109P



B531P



花纹钢板（标配）
Pattern steel plate (standard)

轿厢装潢
CAR DECORATION

360° 全景展示



门框：小门框，发纹不锈钢
厅门：发纹不锈钢

Door frame: Small door frame, hairline stainless steel
Landing door: Hairline stainless steel



SL-1146 选配

轿顶：SL-2233 一体式，钢板喷塑B531P
轿壁：发纹不锈钢
地板：花纹钢板

Car roof: SL-2233 integrated, painted steel B531P
Car wall: Hairline stainless steel
Floor: Checkered Plate



花纹钢板（标配）
Pattern steel plate (standard)



花纹不锈钢板（选配）
Patterned stainless steel plate (optional)

轿厢装潢
CAR DECORATION

360° 全景展示



门框：小门框，发纹不锈钢
厅门：发纹不锈钢

Door frame: Small door frame, hairline stainless steel
Landing door: Hairline stainless steel



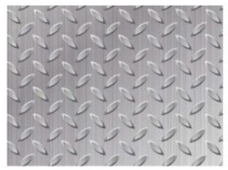
SL-1156 选配

轿顶：SL-2017一体式，钢板喷塑B531P
轿壁：发纹不锈钢
地板：花纹钢板

Car roof: SL-2017 integrated, painted steel B531P
Car wall: Hairline stainless steel
Floor: Checkered Plate



花纹钢板（标配）
Pattern steel plate (standard)



花纹不锈钢板（选配）
Patterned stainless steel plate (optional)

人机界面
INTERFACE

液晶显示器可选
Optional LCD Display



点阵显示
Dot matrix display

蓝底白字液晶
White LCD on blue

黑底白字液晶
White LCD on black

按钮可选
Optional Button



DB10（圆） DB11（圆） DB20（方）



DL100A
单梯



DL100A
并联梯



DC1000A

功能表
FUNCTION

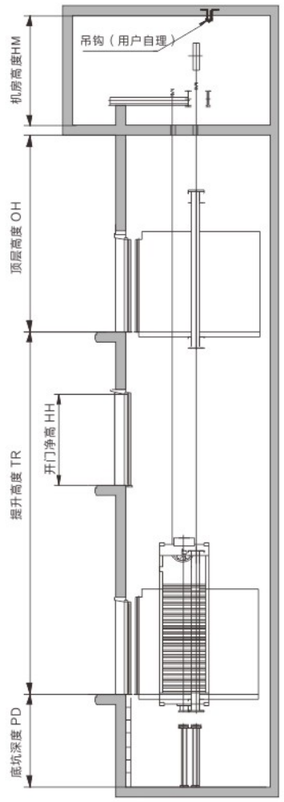
● 标准配置 Standard　○ 可选配置 Optional

●	全集选控制 Full selection control	自动运行或司机运行服务，电梯在运行过程中，响应轿厢指令的同时，自动响应各个楼层乘客的上下召唤信号。 Automatic operation or driver operation service. During the operation of the elevator, the elevator responds to the car commands and automatically responds to the up and down call signals of passengers on each floor.
●	检修运行 Maintenance operation	对电梯进行检修操作时，自动运行以及自动门操作被取消，按上（下）行按钮可使电梯以检修速度向上（向下）运行，松开按钮电梯立即停止运行。 When the elevator is under maintenance, automatic operation and automatic door operation are cancelled. Press the up (down) button to run the elevator up (down) at the maintenance speed. Release the button to stop the elevator immediately.
●	轿内误指令清除 Clear the wrong command in the car	可以采用连续按指令按钮两次的方法来取消上次错误登记的指令。 You can use the method of pressing the button twice in succession to cancel the last erroneously registered instruction.
●	空闲返基站 Idle back to ground floor	在消防员运行状态，没有自动开关门动作，只能响应轿内指令关门，且每次只能登记一个指令，到站后持续按下开门按钮才能开门。 In the running state of fireman, there is no automatic door opening and closing action, only the door can be closed in response to the command in the car, and only one command can be registered at a time, and the door can be opened by continuously pressing the door open button after arriving at the station.
●	司机运行服务 Driver service	通过操纵箱拨动开关可以选择司机操作。司机运行状态下，电梯具有司机选择定向、直驶等功能，同时电梯没有自动关门功能，需要司机持续按关门按钮进行关门。 Driver operation can be selected through the toggle switch of the control box. In the running state of the driver, the elevator has the functions of the driver's selection of orientation and direct driving. At the same time, the elevator does not automatically close the door which requires the driver to press the close button consistently.
●	独立运行 Operate independently	电梯不接受层站召唤，没有自动关门。电梯在并联或群控时，按下独立开关，则该电梯脱离并联或群控系统独立运行。 The elevator does not accept hall calls and does not automatically close the door. When the elevator is in duplex or group control, press the independent switch, the elevator will run independently from the duplex or group control system.
●	楼层位置自动修正 Automatic floor position correction	系统运行时在每个终端开关动作点和每层楼平层开关动作点都对电梯的位置信号以自学习时得到的楼层位置数据进行修正。 During the operation of the system, at each terminal switch action point and each floor level switch action point, the elevator position signal is corrected based on the floor position data obtained during self-learning.
●	光幕信号自诊断 Light curtain signal self-diagnosis	电梯关门过程中，光幕被挡住时，门会重新打开，但光幕保护在消防运行状态时不起作用。 During the elevator door closing process, when the light curtain is blocked, the door will reopen, but the light curtain protection does not work in the fire fighting state.
●	超载保护 Overload protection	当电梯轿厢的载重量超过额定载重量的110%时，电梯不允许关门，在层站平层位置保持开门状态。 When the load of the elevator car exceeds 110% of the rated load, the elevator is not allowed to close the door, and the door is kept open at the leveling position of the landing.
●	防终端越程保护 Anti-terminal overrange protection	电梯配置终端减速开关以及极限开关，防止电梯冲顶或者蹲底。 The elevator is equipped with terminal deceleration switch and limit switch to prevent the elevator from rushing to the top or squatting.
●	超速保护 Overspeed protection	防止电梯速度过高，超出系统控制范围导致安全问题，而实施此保护。 This protection is implemented to prevent the elevator speed from being too high and exceeding the system control range to cause safety problems.
●	低速保护 Low speed protection	为防止电梯在控制范围外低速运行导致安全问题而设置的保护。 The protection set to prevent the elevator from running at low speed outside the control range and causing safety problems.
●	轿厢应急照明 Car emergency lighting	当正常照明断电时，立即提供轿厢后备照明。 When the normal lighting is cut off, the car backup lighting is immediately provided.
●	轿厢照明、换气扇自动关闭 Car lighting, ventilation fan automatically shut down	当超过设定的时间，仍无内部指令或层站召唤时，则自动切断轿厢照明、风扇等电源。 When there is no internal command or hall call over the set time, the car lighting, fan and other power supplies will be automatically cut off.
●	低速自救运行 Low-speed self-rescue operation	当电梯处于非检修状态下，且未停在平层区，符合起动的安全要求，电梯将自动以慢速运行至最近平层区，然后开门放客。 When the elevator is in a non-maintenance state and has not stopped in the leveling area, it meets the safety requirements for starting. The elevator will automatically run at the slowest speed to the nearest leveling area, and then open the door to release the passenger.
●	换层停靠 Parking at the alternate floor	如果电梯发生一般故障时，电梯自动慢速运行到就行楼层停靠开门，提醒乘客离开轿厢。 If there is a general failure of the elevator, the elevator will automatically run at a slow speed until the floor stops and opens the door to remind passengers to leave the car.
●	直接停靠 Direct parking	系统以距离为原则，自动计算形成从启动到停车的平滑曲线，直接平层停靠无爬行。 Based on the principle of distance, the system automatically calculates and forms a smooth curve from start to stop, directly leveling and stopping without crawling.
●	重复关门 Close the door repeatedly	电梯持续关门一段时间后，门锁仍然未接通，则电梯自动开门，然后重复关门，直到门锁接通。 After the elevator continues to close the door for a period of time, the door lock has not been connected, the elevator automatically opens the door, and then repeatedly closes the door until the door lock is connected.
●	强制关门 Forced closing	当开通强迫关门功能后，由于光幕或安全触板动作使电梯超过设定时间无法关门时，电梯会进入强迫关门状态，慢速关门，并发出提示音。 When the forced door closing function is enabled, the elevator will enter the forced door closing state when the elevator cannot close the door due to the action of the light curtain or the safety edge
●	锁梯服务 Lift locking service	消防电梯开关动作后，所有已登记的指令和召唤被清除，电梯以最快的方式返回消防基站，并开门待梯。 After the fireman switch is activated, all registered commands and calls are cleared, and the elevator returns to the fire station in the fastest way and opens the door to wait.
●	再平层 Re-leveling	电梯停在层站，由于载重变化，钢丝绳和橡皮的弹性变形会造成电梯平层波动，地坎不平，给人员和货物进出带来不便，这时系统允许在开着门的状态下以再平层速度运行到平层位置。 The elevator stops at the landing. Due to the change in load, the elastic deformation of the wire rope and rubber will cause the elevator to fluctuate and the floor will be uneven, which will cause inconvenience for people and goods to enter and exit. At this time, the system allows to re-level with the door open in the speed of re-leveling runs to the leveling position.
●	消防迫降功能 Fire emergency landing function	消防电梯开关动作后，所有已登记的指令和召唤被清除，电梯以最快的方式返回消防基站，并开门待梯。 After the fire elevator switch is activated, all registered commands and calls are cleared, and the elevator returns to the fire station in the fastest way and opens the door to wait for the elevator.
○	安全触板光幕二合一保护 Safety touch panel light curtain two-in-one protection	电梯门关闭过程中，乘客或物件使安全触板动作，门会重新打开，光幕被挡住时，门也会重新打开，但光幕保护在消防运行状态时不起作用。 During the elevator door closing process, the safety edge is activatedby passengers or objects, and the door will reopen. When the light curtain is blocked, the door will reopen, but the light curtain protection does not work in the fire fighting state.
○	轿厢到站钟 Car arrival gong	轿厢到站时发出电子铃声。 An electronic bell sounds when the car arrives at the station.
○	副操纵箱操作 Operation of auxiliary control box	电梯配置副操纵箱。 The elevator is equipped with auxiliary control box.
○	后门操纵箱操作 Rear door control box operation	电梯后门配置操纵箱。 The rear door of the elevator is equipped with a control box.
○	残疾人操纵箱操作 Disabled box operation	电梯配置残疾人操纵箱。 The elevator is equipped with a control box for the disabled.
○	并联运行 Duplex operation	多台电梯通过串行通讯方式进行数据传送，实现层站召唤指令的互相协调，提高运行效率。 Multiple elevators carry out data transmission through serial communication to achieve mutual coordination of hall call commands and improve operating efficiency.
○	小区监控 CCTV	通过通讯线，控制系统与装在监控室的终端相连，监控室终端通过调试软件，查看电梯的楼层位置、运行方向、故障状态等情况。 Through the communication line, the control system is connected to the terminal installed in the monitoring room. The terminal of the monitoring room can check the elevator floor position, running direction, and fault status through debugging software.
○	停电救援 Power failure rescue	由于停电导致运行中的轿厢不在门区而关人时，电梯由停电救援装置启动，低速运行到最近门区开门，让乘客安全离开。 When the car in operation is not in the door area due to a power outage and the person is closed, the elevator is started by the power outage rescue device and runs at a low speed until the nearest door area opens the door, allowing passengers to leave safely.
○	语音报站 Voice announcer	电梯运行过程中自动向乘客播报运行方向及即将到达的层站等信息。 During the operation of the elevator, information such as the direction of operation and the upcoming landing will be automatically broadcast to passengers.
○	轿厢IC卡楼层服务控制 Car IC card floor service control	在轿厢内乘客必须持卡才能到达需要授权才能进入的楼层。 Passengers must hold a card in the car to reach the floor that requires authorization to enter.
○	厅外IC卡楼层控制 Hall IC card outside the hall control	在厅外乘客必须持卡才能到达需要授权才能进入该电梯。 Passengers outside the hall must hold a card to arrive and require authorization to enter the elevator.

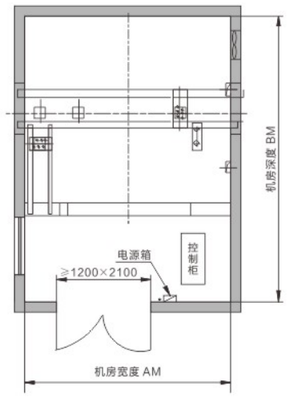
F50有机房载货电梯（2:1）土建参数

F50 MR FREIGHT ELEVATOR (2:1) LAYOUT

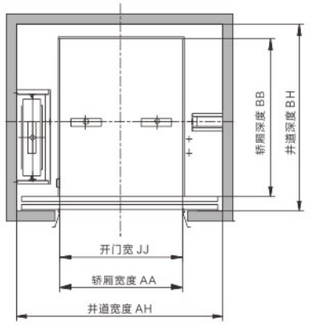
井道立面图



机房平面布置图



井道平面布置图



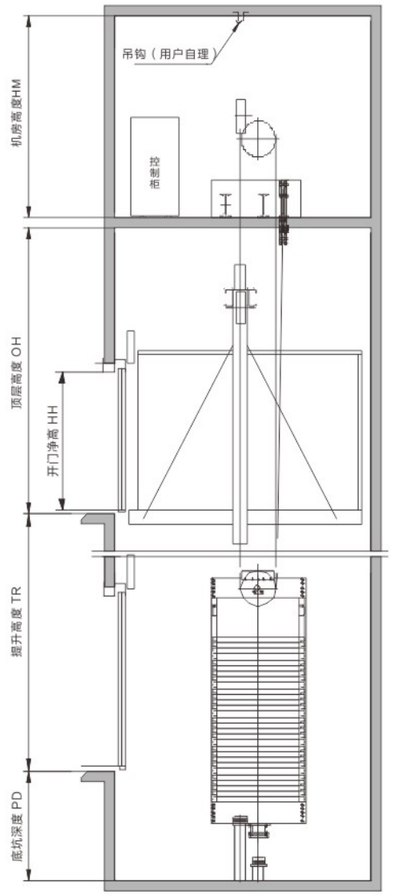
额定载重 Q (kg)	额定速度 V (m/s)	开门宽度 JJ (mm)	轿内宽×轿内深×轿净高 AA×BB×CH (mm)	井道宽 AH (mm)	井道深 BH (mm)	机房宽 AM (mm)	机房深 BM (mm)	顶层高度 OH (mm)	底坑深度 PD (mm)
1600	0.5	1500	1500×2250×2300	2700	2750	3400	4500	4400	1500
			1800×1950×2300	2800	2400	3500	4150		
	1.0		1500×2250×2300	2700	2750	3400	4500		
			1800×1950×2300	2800	2400	3500	4150		
2000	0.5	1500	1500×2700×2300	2700	3200	3400	4900	4400	1500
			1800×2300×2300	2800	2750	3500	4450		
	1.0		1500×2700×2300	2700	3200	3400	4900		
			1800×2300×2300	2800	2750	3500	4450		
3000	0.5	2100	2100×2700×2300	3550	3200	3550	4900	4400	1500
	1.0								
4500	0.5	2400	2400×3400×2600	4000	3900	4000	5300	5100	1700
5000	0.25	2400	2400×3600×2600	4000	4100	4000	5500	5100	1700
	0.5								

注：上述尺寸仅供设计参考，具体尺寸以合同签约时提供的土建图为准。其他设计方案请咨询技术部。
Note:Only for reference,final manufacture please follow contract. Please consult the technical department for other design options.

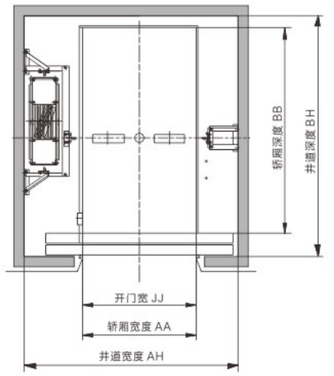
F50小机房载货电梯（4:1）土建参数

F50 MR FREIGHT ELEVATOR (4:1) LAYOUT

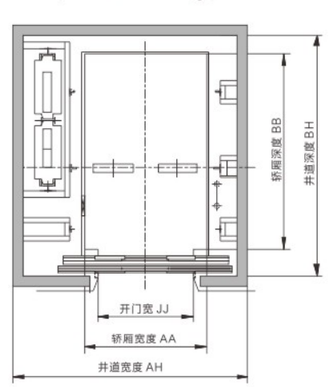
井道立面图



井道平面布置图
（2000~3000kg）



井道平面布置图
（4000~5000kg）



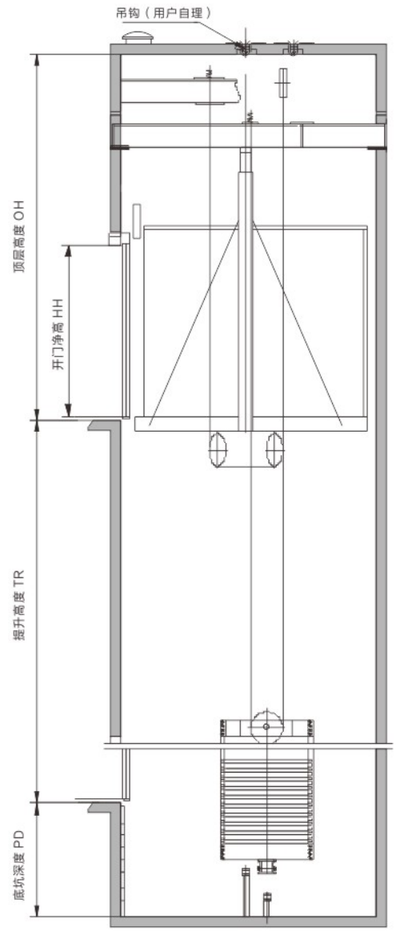
额定载重 Q (kg)	额定速度 V (m/s)	开门宽度 JJ (mm)	轿内宽×轿内深×轿净高 AA×BB×CH (mm)	井道宽 AH (mm)	井道深 BH (mm)	机房宽 AM (mm)	机房深 BM (mm)	顶层高度 OH (mm)	底坑深度 PD (mm)
2000	0.5	1500	1500×2700×2300	2800	3150	2800	3150	4400	1400
	1.0								
3000	0.5	1500	2100×2700×2300	3550	3150	3550	3150	4400	1400
	1.0								
4000	0.5	2000	2500×2800×2300	3700	3400	3700	3400	4500	1600
5000	0.5	2300	2800×3100×2300	4100	3700	4100	3700	4500	1600

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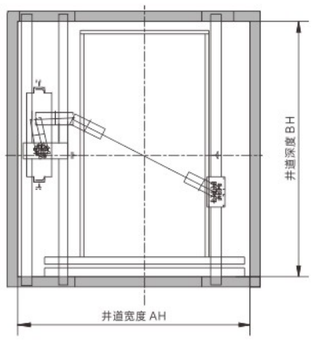
F50L无机房载货电梯（2:1）土建参数

F50L MRL FREIGHT ELEVATOR (2:1) LAYOUT

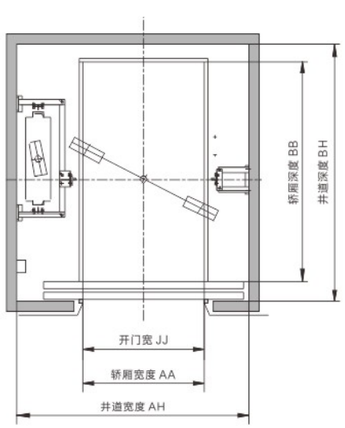
井道立面图



顶层平面布置图



井道平面布置图



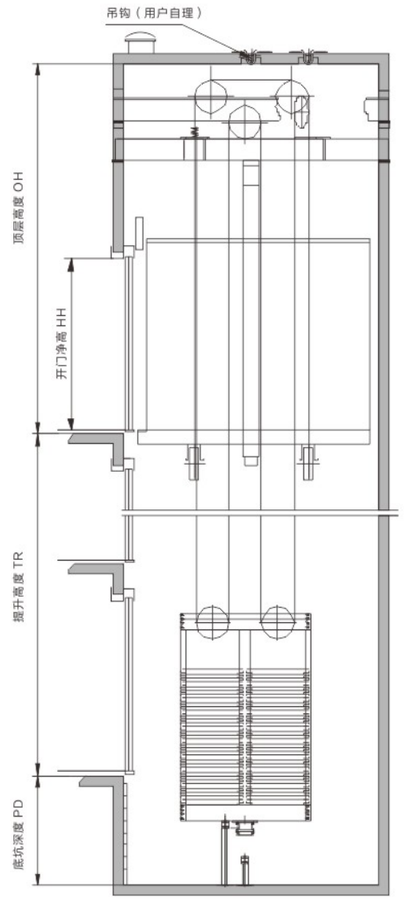
额定载重 Q (kg)	额定速度 V (m/s)	开门宽度 JJ (mm)	轿内宽×轿内深×轿净高 AA×BB×CH (mm)	井道宽 AH (mm)	井道深 BH (mm)	顶层高度 OH (mm)	底坑深度 PD (mm)
1000	0.5	1300	1300×1750×2300	2400	2150	4500	1450
	1.0						
1600	0.5	1500	1500×2250×2300	2900	2700	4500	1450
	1.0						
2000	0.5	1500	1500×2700×2300	2850	3150	4450	1450
	1.0						

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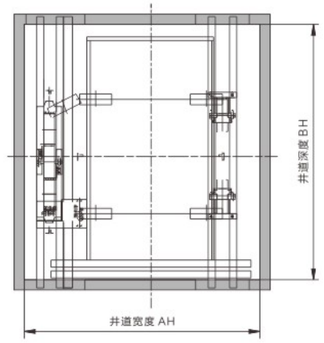
F50L无机房载货电梯（4:1）土建参数

F50L MRL FREIGHT ELEVATOR (4:1) LAYOUT

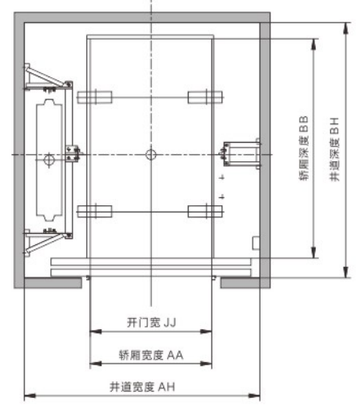
井道立面图



顶层平面布置图



井道平面布置图



额定载重 Q (kg)	额定速度 V (m/s)	开门宽度 JJ (mm)	轿内宽×轿内深×轿净高 AA×BB×CH (mm)	井道宽 AH (mm)	井道深 BH (mm)	顶层高度 OH (mm)	底坑深度 PD (mm)
2000	0.5	1500	1500×2700×2300	2900	3150	4500	1400
	1.0						
3000	0.5	2100	2100×2700×2300	3650	3200	4500	1450
	1.0						

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