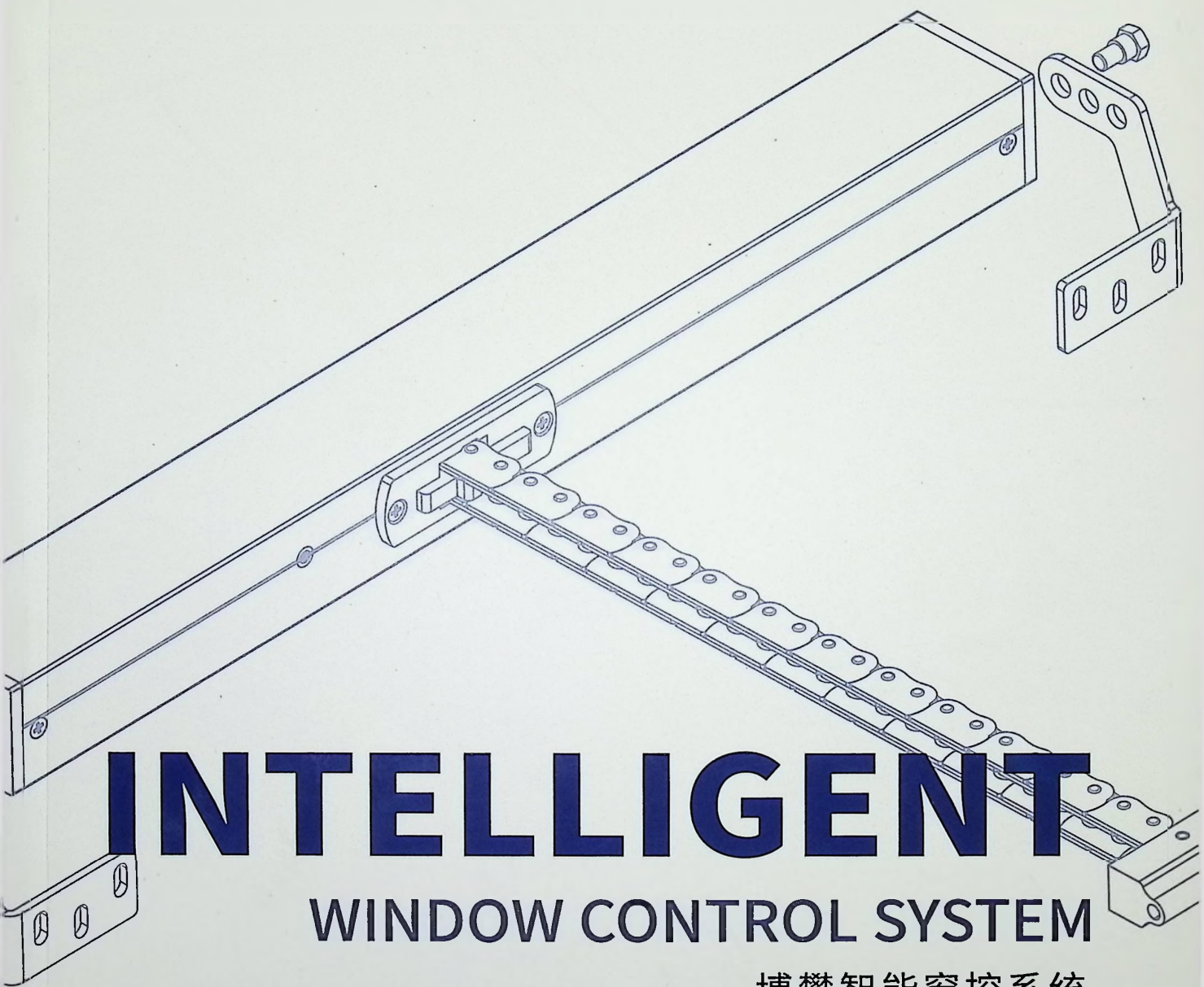




INTELLIGENT

WINDOW CONTROL SYSTEM

博攀智能窗控系统

BOPEN® 博攀®



Enterprise Team Structure
TEAM STRENGTH

博攀智能开窗器

Bopan Intelligent Window Opener

五年品牌中国第一
5Years to be China Brand No.1

十年全球销量第一
10Years to be Global Sales No.1



团队精神

INTELLIGENT OPENING BOPENS LIFE



Enterprise R&D Team

TEAM STRENGTH

企 业 研 发 团 队



BOPEN 博攀

INTELLIGENT OPENING BOPEN LIFE

TABLE OF CONTENTS

| 目录

ABOUT US

关于我们

01 | 08

SOLUTION

解决方案

09 | 22

PRODUCT DESCRIPTION

产品介绍

23 | 74

CLASSIC CASE

经典案例

75 | 116

公司简介Company Profile	001
服务范围Service Area	002
企业文化Enterprise Culture	003
社会责任Social Responsibility	004
企业风貌Company Sight	005
认证资质Certification Qualification	007

排烟窗控制系统的作用Smoke Exhaust Window Control System Role	011
消防联动控制系统Fire Linkage Control System	013
智能通风控制系统Intelligent Ventilation Control System	015
智能家居开窗系Intelligent Home Window Opening System	021

隐藏式超小链电动开窗器 (BPTA) Concealed Ultra-Small Chain Electric Window Opener	025
大链式电动开窗器 (BPLK) Large Chain Electric Window Opener	027
重型加厚大行程链式电动开窗器(BPLW) Heavy Duty Thickened Large Stroke Chain Electric Window Opener	031
小链式电动开窗器 (BPLS) Small Chain Electric Window Opener	035
亚小链式电动开窗器(BPLT) Sub-small Chain Type Electric Window Opener	037
双链式电动开窗器 (BPKD) Double Chain Electric Window Opener	041
推杆式电动开窗器 (BPTY/W/S) Push Rod Type Electric Window Opener	047
电动多点锁驱动器Electric Multi-point Lock Driver	055
智能垂直提升窗Intelligent Vertical Lifting Window	057
手摇大链式开窗器 (BPLY) Hand Operated Large Chain Window Opener	059
手摇大链式双链开窗器 (BPDY) Hand Operated Large Double Chain Window Opener	059
手摇链式开窗器 (BPLH) Hand Operated Chain Window Opener	061
链式小手摇开窗器 (BP-AH) Small Chain Hand Operated Window Opener	065
气动开窗器(BPAP) Pneumatic Window Opener	066
手摇摆臂式开窗器(BPBH) Hand Swing Arm Type Window Opener	067
手摇滑臂式开窗器(BP-HB) Hand Sliding Arm Type Window Opener	068
手摇曲臂式开窗器(BP-HQB) Hand Crank Arm Type Window Opener	069
美式手摇开窗器(BP-MH) American Style Hand-operated Window Opener	070
幕墙定制不锈钢合页Curtain Wall Custom Stainless Steel Hinge	071
重型铰链Heavy Duty Hinge	072
配件Accessories	073

合作伙伴Partners	075
经典案例Classic Case	077

COMPANY PROFILE

公司简介

杭州博攀智能系统有限公司主要从事于消防排烟、智能通风系统的全套解决方案，专一生产制造开窗器、消防联动控制箱等产品，博攀作为在中国的一线开窗器品牌，依托先进技术研发团队和总公司的产品资源优势，以国际化的高标准的产品性能要求，来满足不同项目的不同需求。

Hangzhou Bopen Smart system Co., Ltd., is mainly engaged in fire smoke exhaust, intelligent ventilation system full set of solutions, professional manufacturing window openers, fire linkage control box and so on. Bopen as a line window opener brand in China, relying on advanced technology research and development team and corporation product resource advantage, with international high standard product performance requirements to meet the different needs of different projects.



SERVICE AREA

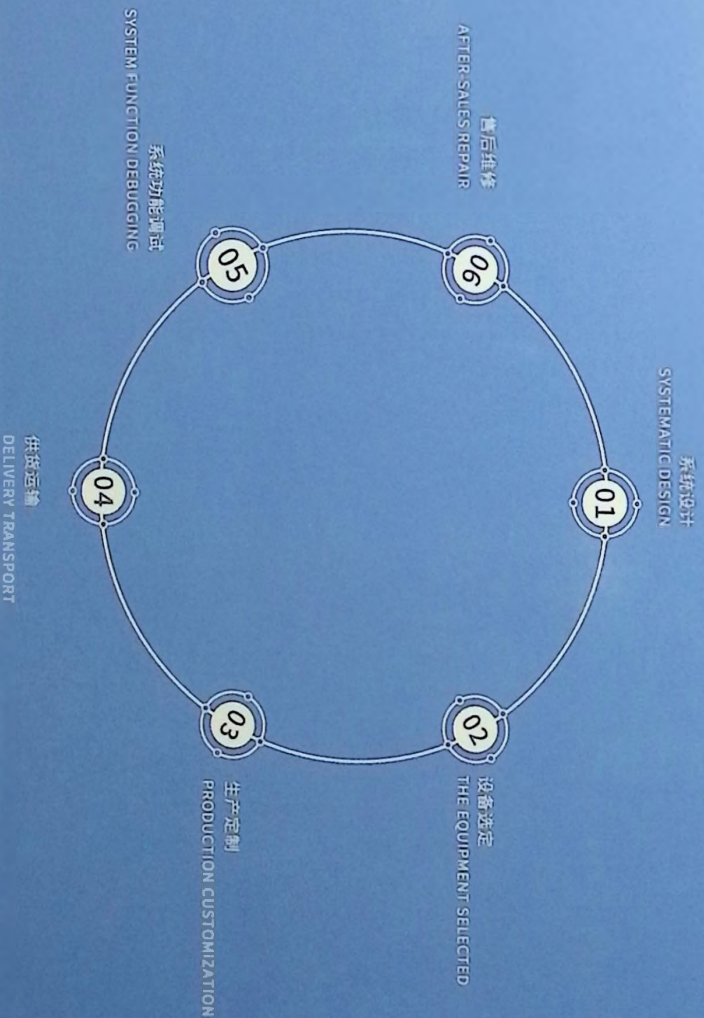
服务范围

博睿产品服务范围广泛应用于机场、车站、酒店、甲级写字楼、展览中心、会议中心、体育馆、大剧院、科技馆、大型厂房、物流仓库等公共场所和个人场所的高档别墅、工业、商业及其相关领域，提供最佳的消防排烟控制及智能通风系统设备。

博睿所提供的综合性服务包含有：系统设计、设备选定、生产订制、供货运输、系统功能调试及售后维修。博睿不局限于通过当地代理商为顾客提供优质的服务，亦可直接向承包商或者终端使用者提供可行性建议与快速服务，同时协助各建筑设计研究院及工程顾问公司于设计阶段，以博睿公司多年来的工程实际经验，提供各种产品咨询与相关技术说明。

Bopan products and services are widely applied in high end villas, industrial and commercial areas such as airports, stations, hotels, Grade A office buildings, exhibition centers, convention centers, gymnasiums, grand theaters, science and technology museums, large scale factories, logistics warehouses and other public places and personal places and related areas. We provide the best fire smoke control and exhaust ventilation system equipment.

With integration services provided by Bopan include: system design, equipment selection, production customization, supply and delivery, system function debugging and after-sales maintenance. Bopan is not limited to providing quality services to customers through local agents. We also provide feasibility advice and rapid services directly to contractors or end users. We can assist various architectural design institutes and engineering consulting companies in the design phase. Bopan's practical experience in engineering over the years can provide various product consultations and related technical instructions.



ENTERPRISE CULTURE

企业文化

博攀是一个充满爱的地方，把每位员工视为家人，秉承公正，公平给予每一位家人同等的培训学习机会，让每位家人都能快速进步，大家共同学习，共同成长，共同分享。员工也将博攀当成家，大部分员工在博攀工作生活十年以上，把最美好的青春年华奉献给博攀。当然，博攀更注重员工视野开拓和生活品质，每年都会和员工出去旅游，一起探索世界，一起分享人生，一起精彩人生。人生路上，爱在左，分享在右，走在生命的两旁，随时撒种，随时开花，博攀的家人们，相互扶持，相互鼓励，在人生长途中，点缀得鲜花弥漫，为更灿烂更辉煌的明天共同奋斗！

Bopan is a place full of love. Every employee is regarded as a family member. It is fair and fair to give each family the same training and learning opportunities, so that every family can make rapid progress. Let everyone learn together, grow together and share. Employees also regard Bopan as a family. Most of the employees have worked and lived in Bopan for more than ten years, and dedicated the best youth to Bopan. Of course, Bopan pays more attention to the development of employees' vision and quality of life. Every year, they go out to travel with their employees, explore the world together, share life together, and have a wonderful life together. On the road of life, love is on the left, sharing on the right, walking on both sides of life, sowing seeds at any time, flowering at any time, Bopan's family, mutual support, mutual encouragement, in the way of human growth, dotted with flowers, for more splendid A brilliant future together!





博攀人用爱关怀，用心耕耘，一路走来，我们注重企业精神，更注重社会责任。

这么多年，我们默默付出，为四川省甘孜州德格县更庆寺小学、温州永嘉岭头中学、淳安秋源完小学、淳安咸坪镇叶家小学、遂昌王村口镇王村口小学、遂昌高坪乡高坪小学为孩子们奉献我们微薄的力量，同时为5.12汶川大地震、7.18海南威马逊台风助力……

这一切兴许微不足道，但我们一直在坚持，在努力。学会分享，勇于分担，乐享人生。做实实在在的博攀人，更做堂堂正正的中国人。

Bopan people use the spirit of love, work hard, along the way, we pay attention to the spirit of enterprise, pay more attention to social responsibility.

For so many years, we have quietly paid for the Qingqingsi Primary School in Dege County, Ganzi Prefecture, Sichuan Province, Yongjia Lingtou Middle School in Wenzhou, Qiuyuan Qiuyuan Primary School, Yejia Primary School in Wei'an Weiping Town, and Wangcunkou in Wangcunkou Town, Suichang The children of Gaoping Elementary School in Gaoping Township, Elementary School and Gaochang Township donated our meager strength. At the same time, they helped the 5.12 Wenchuan Earthquake and 7.18 Hainan Typhoon Typhoon...

All of this may be insignificant, but we have been insisting and working hard. Learn to share, share with others, and enjoy life. Be a real Bopan people, and be a Chinese person who is upright.



EXHIBITION STYLE

展会风采

COMPANY SIGHT

企业风貌



实验室Laboratory



产品展示厅Product Showroom



公司大厅Company Hall



仓储物流Warehousing Logistics



生产车间Production Workshop



18项国家消防产品强制性3C认证

欧盟CE认证

ISO9001质量体系认证

ISO14001环境管理体系认证

浙江省工程建设标准（DB33/1064-2017）起草单位

18 National Fire Product Compulsory 3C Certification

EU CE Certification

ISO9001 Quality System Certification

ISO14001 Environmental Management System Certification

Drafting Unit of Zhejiang Engineering Construction Standard

(DB33/1064-2017)

CERTIFICATION QUALIFICATION

认证资质



(2008)国认监认(2008)号



2009002644Z



CNAS L0153



国家认证



欧盟认证



3C认证标志



Fire window CONTROL SYSTEM

消防窗控系统

致力于为商务大楼、工业厂房、购物中心、机场、车站、酒店等建筑提供在火灾情况下提供可靠安全的消防排烟控制系统，在保障建筑安全的同时，开发了多种产品系列，丰富了日常使用模式，使建筑门窗更加安全、智能、快捷。

Is dedicated to commercial buildings, industrial buildings, shopping center, airport, station, hotels and other buildings in fire case provides reliable safety fire smoke control system, in ensuring the safety of buildings at the same time, developed a variety of products series, enriched the daily usage pattern, make the building doors and Windows more security、intelligence、and fast.

SMOKE EXHAUST SYSTEM ROLE

排烟窗控制系统的的作用

无消防排烟系统

No Fire Smoke Extraction System



01

起火

Fire



02

产生烟雾

Produce Smoke



03

烟雾弥漫 温度升高

Smoke Is Diffused

消防排烟系统

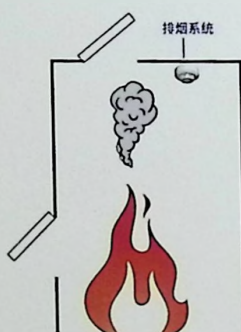
Fire Smoke Exhaust System



01

起火

Fire



02

烟雾漫延
消防排烟窗开始排烟

Smoke Spread
Fire Smoke Exhaust Window Begins To Smoke

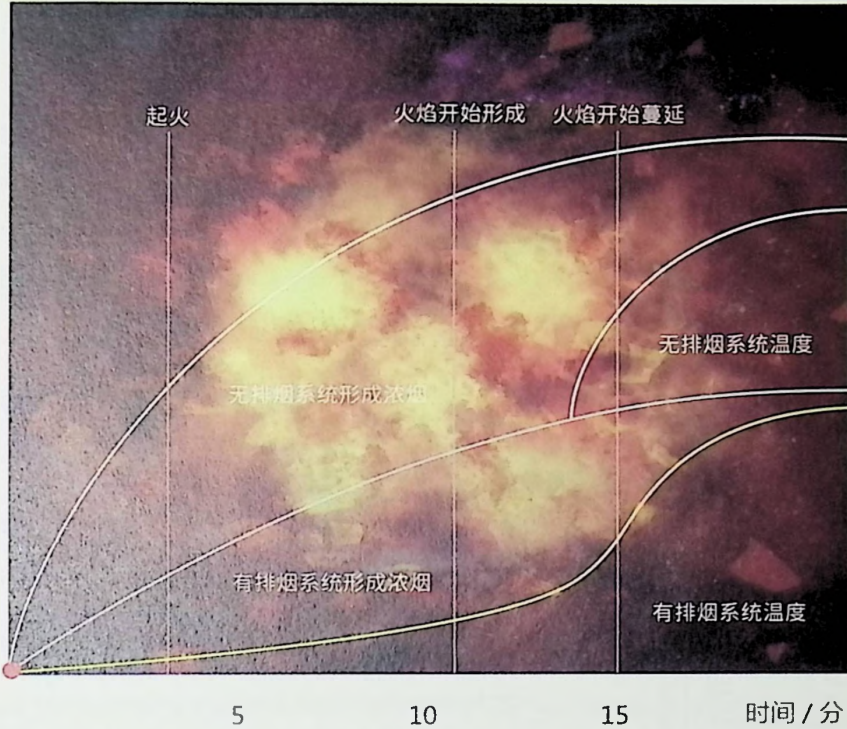


03

排烟系统启动
人们有时间逃走

Smoke Exhaust System Start
People Have Time To Escape

烟雾/温度



火灾过程中 烟雾与时间的关系表

现代建筑物的最大特点是具有一个或多个在竖直方向上连续贯通多层的封顶大空间，与传统建筑相比，增加了建筑空间的魅力与建筑的功能，但同时也增大了其潜在的危险性。排烟排热窗控系统的功能是在火灾中导出烟雾和热量，并抑制建筑材料的燃烧，通过排烟排热系统，能迅速排烟排热，维持逃生和救援通道足够的能见度……

The biggest feature of modern buildings is that they have one or more large ceilings that continuously penetrate multiple layers in the vertical direction. Compared with traditional buildings, they increase the charm of the building space and the function of the building, but also increase its potential danger. The function of the smoke exhaust heat control window control system is to extract smoke and heat in the fire, and to suppress the burning of building materials. Through the exhaust and heat exhaust system, it can quickly exhaust smoke and heat, and maintain sufficient visibility of the escape and rescue passages... ..

FIRE LINKAGE CONTROL SYSTEM

消防联动控制系统

系统设计原理：概念上讲是通过提供一个无烟层空间让人安全逃生，因为基于热气体上升的原理，当火灾发生时，浓烟会迅速弥漫整个空间。在避难空间较下方补充新的空气，将浓烟排出室内，避免因浓烟使逃生的人找不到方向和毒烟窒息现象发生，并让消防员更好更快的找到火源。

消防排烟窗控制系统可与消防中心连接，当发生火灾时，消防中心发出讯号，消防联动控制箱接收到讯号后，马上命令开窗器开窗；或是按动紧急按钮，给讯号至消防联动控制箱，消防联动控制箱接收到讯号后，马上命令开窗器打开窗户。

1、自动模式：

自动消防排烟：消防联动控制箱接收来自火警控制面板的火灾信号时，排烟窗自动【开启】至指定行程或设计角度。

号时，排烟窗自动【开启】至指定行程或设计角度。

2、手动模式

自然通风系统：通过控制通风开关可以手动【开启/关闭】对应窗体开启到指定行程或角度。

3、控制优先级：消防联动信号、手动开关。

System design principle: Conceptually, it is to provide a smoke-free space for people to escape safely, because based on the principle of hot gas rising, when a fire occurs, the smoke will quickly fill the entire space. Supply new air at the lower part of the evacuation space, and exhaust the thick smoke out of the room, to avoid the escape from being unable to find the direction and the suffocation of poisonous smoke due to the thick smoke, and also allow the firefighters to find the fire source better and faster.

The fire smoke exhaust window control system can be connected to the fire center. When a fire occurs, the fire center will send a signal, and the fire linkage control box will immediately command the window opener to open the window after receiving the signal; or press the emergency button to send the signal to the fire department. The linkage control box, after receiving the signal, the fire linkage control box immediately commands the window opener to open the window.

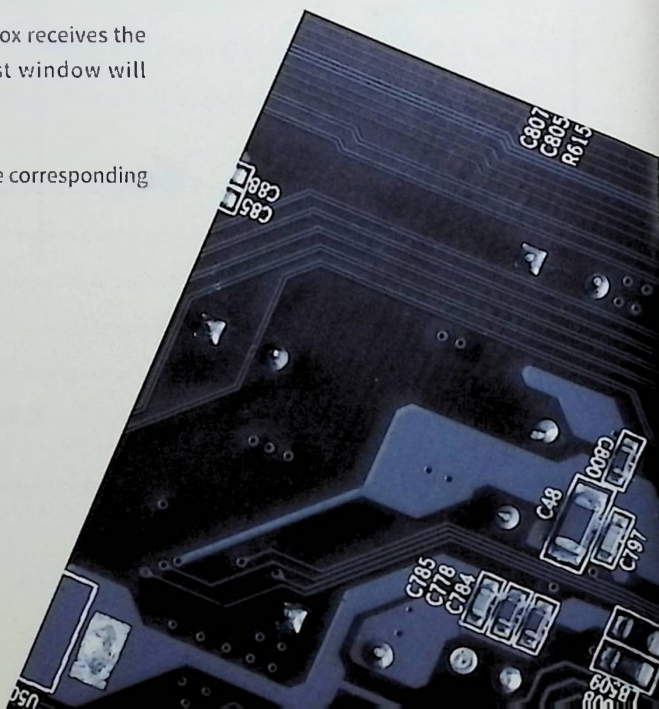
1. Automatic mode:

Automatic fire and smoke exhaust: When the fire linkage control box receives the fire signal from the fire alarm control panel, the smoke exhaust window will automatically [open] to the specified stroke or design angle.

2. Manual mode:

Natural ventilation system: By controlling the ventilation switch, the corresponding window can be manually opened to the specified stroke or angle.

3. Control priority: fire linkage signal, manual switch.



产品技术参数 Product Technical Parameters

型号Model : BPFB-I

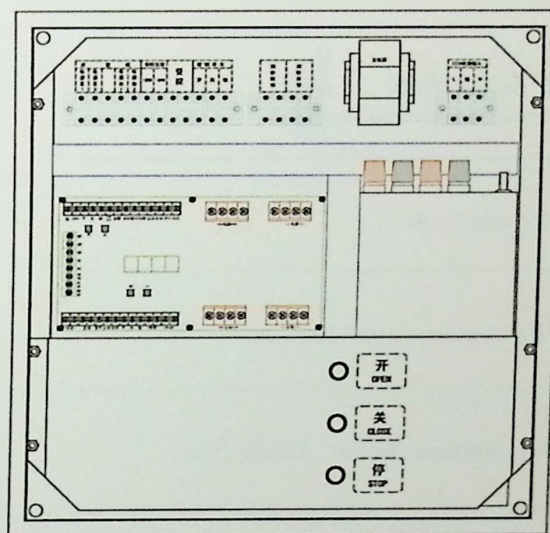
尺寸Size(mm) : 500*500*150

输入电⼒Input Power : 消防专用电源AC220V/50HZ

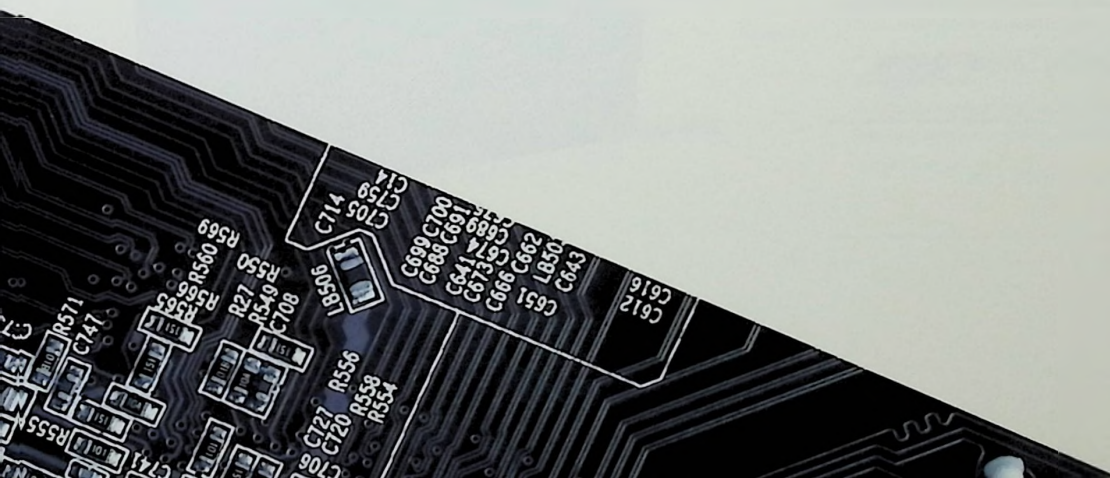
输出电压Output Voltage (v) : DC24V

输出功率Output Power (w) : 500W~2000W

防护等级Protection Class (IP) : IP56



控制箱内部



Intelligent VENTILATION CONTROL SYSTEM

智能通风控制系统

② 产品特点 Product Features

仅作为自然通风和风雨感应控制功能使用，
也可外加模块实现智能远程控制。

It is only used as the function of natural ventilation and
wind and rain induction control.

② 产品技术参数 Product Technical Parameters

型号Model : BPD1

尺寸Size(mm) : 400*500*160

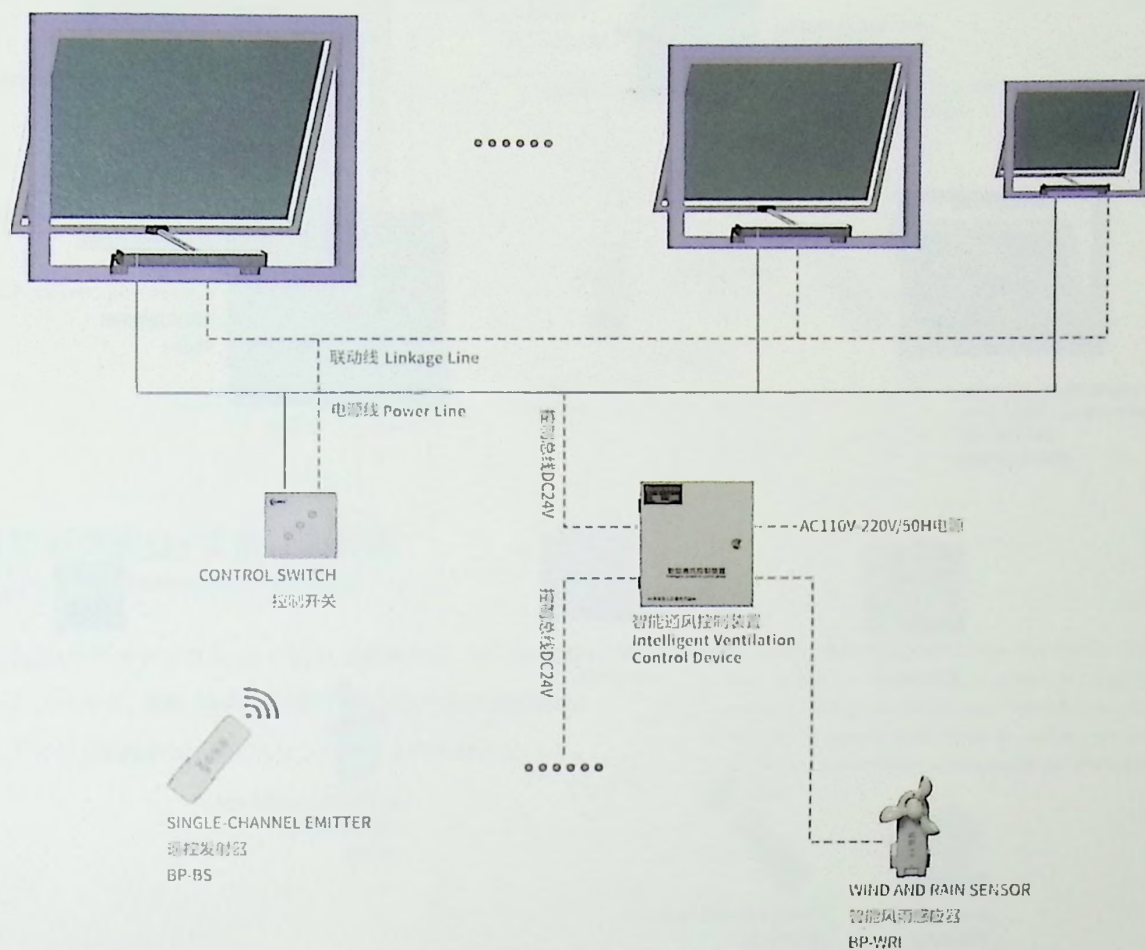
输入电源Input Power : AC220V/50HZ

输出电压Output Voltage(V) : DC24V

输出功率Output Power(W) : 500W~2000W

防护等级Protection Class(IP) : 56



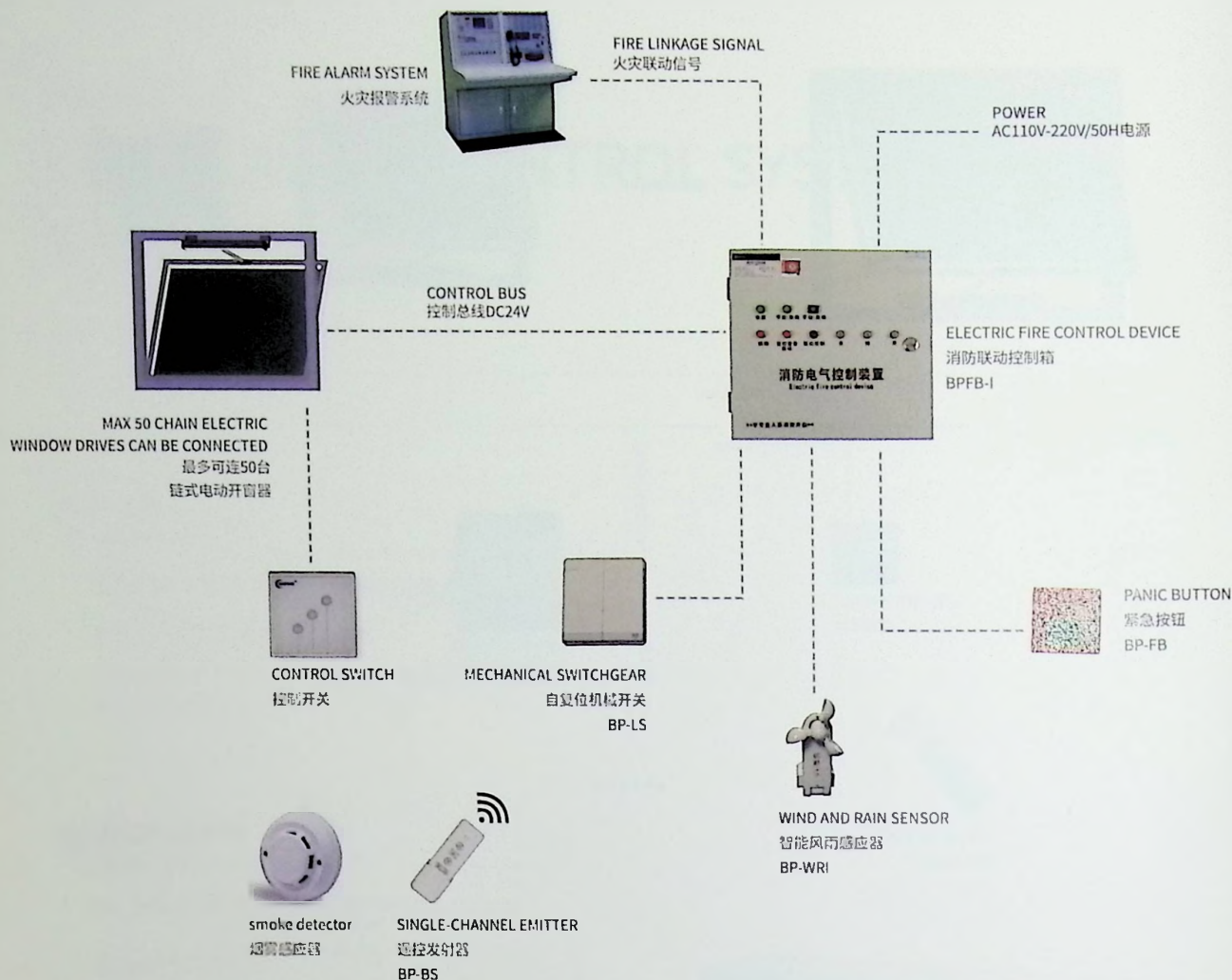


智能通风控制方式

Intelligent Risk Control System

1. 此方案用于总控+分控, 建筑物多个房间分格, 每个房间分组控制; 可根据房间和开启窗数量任意分组。每台控制箱最多可控制50台开窗器。
2. 在日常使用时通过面板开关控制分组开启和关闭。
3. 搭配风雨感应器、遥控发射器等智能感应模板实现自动控制 and 无线遥控功能。

1. This scheme is used for total control + sub-control, multiple rooms in the building, and each room is grouped and controlled; it can be arbitrarily grouped according to the number of rooms and windows. Each control box can control up to 50 window drives.
2. Control group opening and closing through the panel switch during daily use.
3. With the intelligent sensor template such as wind and rain sensor, remote control transmitter, automatic control and wireless remote control function.

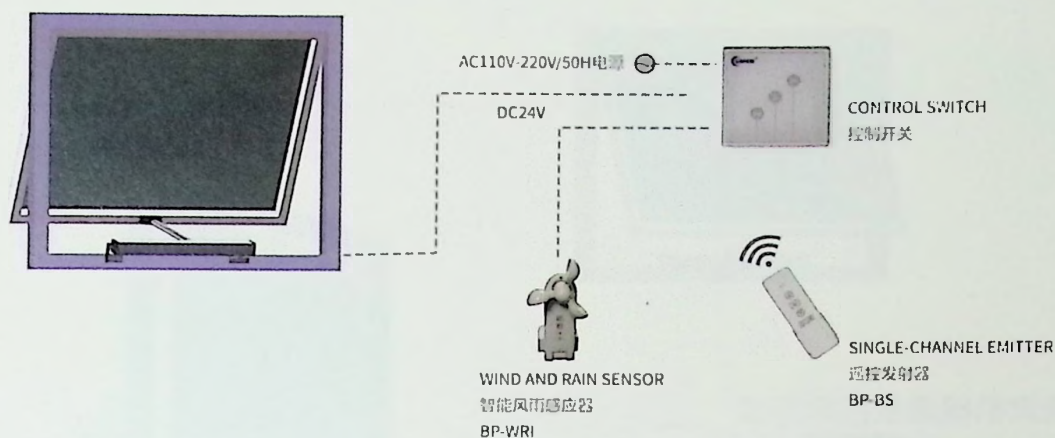


消防联动总控+单窗单控+智能自动控制方式

Fire Control Linkage Total Control+Single Window Single Control+intelligent Automatic Control Mode

1. 此方案用于消防联动总控+单控、分控，每台控制箱最多可控制50台开窗器，整个控制系统始终处于待命状态，在外部电源切断情况下控制箱内自带后备电源（选配）可保证72小时内的紧急供电，确保下级开窗器至少执行两次以上开启和关闭动作。
2. 接消防自动报警或手动紧急报警时控制箱均立即自动命令下级开窗器进行开窗行动，从而迅速将室内的有毒烟雾排出，保障室内人员快速撤离。
3. 在日常使用时通过面板开关控制分组开启和关闭。
4. 搭配风雨感应器、遥控发射器等智能感应模块实现自动控制和无线遥控功能。

1. This scheme is used for fire control linkage control + single control and sub-control. Each control box can control up to 50 window openers. The whole control system is always on standby, and the control box comes with backup when the external power is cut off. The power supply (optional) guarantees emergency power supply within 72 hours, ensuring that the lower window opener performs at least two opening and closing actions.
2. When the fire alarm or manual emergency alarm is connected, the control box will automatically command the lower window opener to open the window, which will quickly discharge the indoor toxic fumes and ensure the rapid evacuation of indoor personnel.
3. Turn the group on and off through the panel switch during daily use.
4. With the intelligent sensor module such as wind and rain sensor and remote control transmitter, it realizes automatic control and wireless remote control.

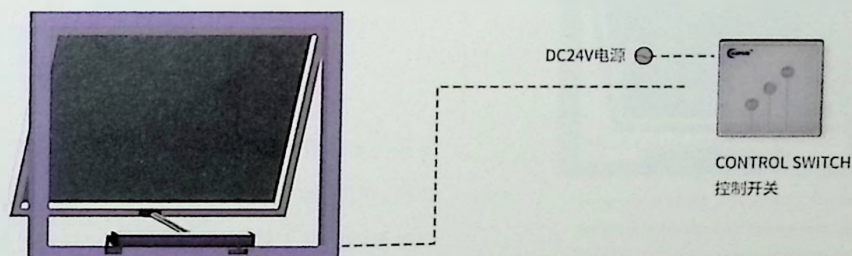


智能风雨感应+无线控制方式

Wind And Rain Sensor+Wireless Control Mode.

此方案用于单樘独立开启, 如别墅地下室换气窗, 采光顶天窗等; 可选用单频、两频、六频遥控发射器, 对应开启单樘或多樘窗, 并连接风雨感应器, 遇大风及下雨恶劣天气自动关窗。

This scheme is used for single-turn independent opening, such as villa basement ventilation window, lighting top skylight, etc.; single-frequency, two-frequency, six-frequency remote control transmitters can be selected, corresponding to opening single or multiple windows, and connecting weather sensors, Automatically close the window in case of strong winds and bad weather.

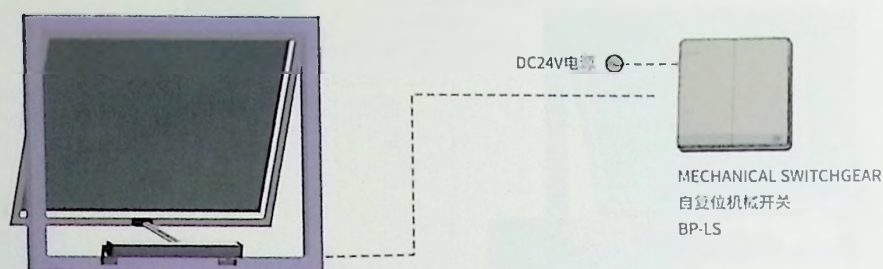


直流触摸面板控制方式

DC Electric Touch Control

此方案用于单樘窗独立开启, 如办公室幕墙开启高窗等位置; 单窗单控灵活开启关闭。开关接入的24V电源由消防联动控制箱或智能通风控制箱提供。

This solution is used for single-window independent opening, such as the office curtain wall to open the high window and other positions; single window single control flexible opening and closing the 24V power supply connected by the switch is provided by the fire linkage control box or intelligent risk control box.

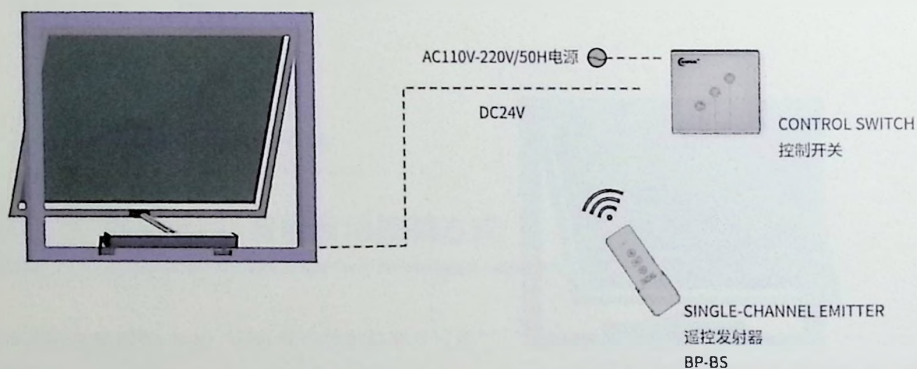


直流机械面板控制方式

DC Mechanical Switch Control

此方案用于单樘窗独立开启,如办公室幕墙开启高窗等位置;单窗单控灵活开启关闭。开关接入的24V电源由消防联动控制箱或智能通风控制箱提供。

This solution is used for single-window independent opening, such as the office curtain wall to open the high window and other positions; single window single control flexible opening and closing. The 24v power supply connected by the switch is provided by the fire linkage control box or intelligent risk control box.

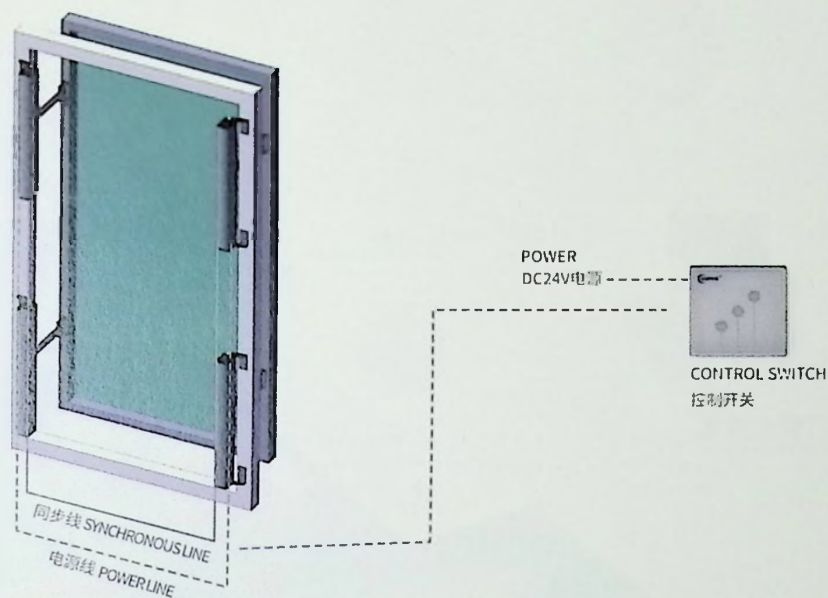


无线控制方式

Wireless Control Mode

此方案用于单樘窗独立开启,如别墅地下室换气窗,采光顶天窗等位置;可选用单频、两频、六频遥控发射器,对应开启单樘或多樘窗。

This scheme is used for single-window independent opening, such as villa basement ventilation window, lighting top skylight and other positions; single-frequency, two-frequency, six-frequency remote control transmitters can be selected, corresponding to single or multiple windows.



多机同步控制方式

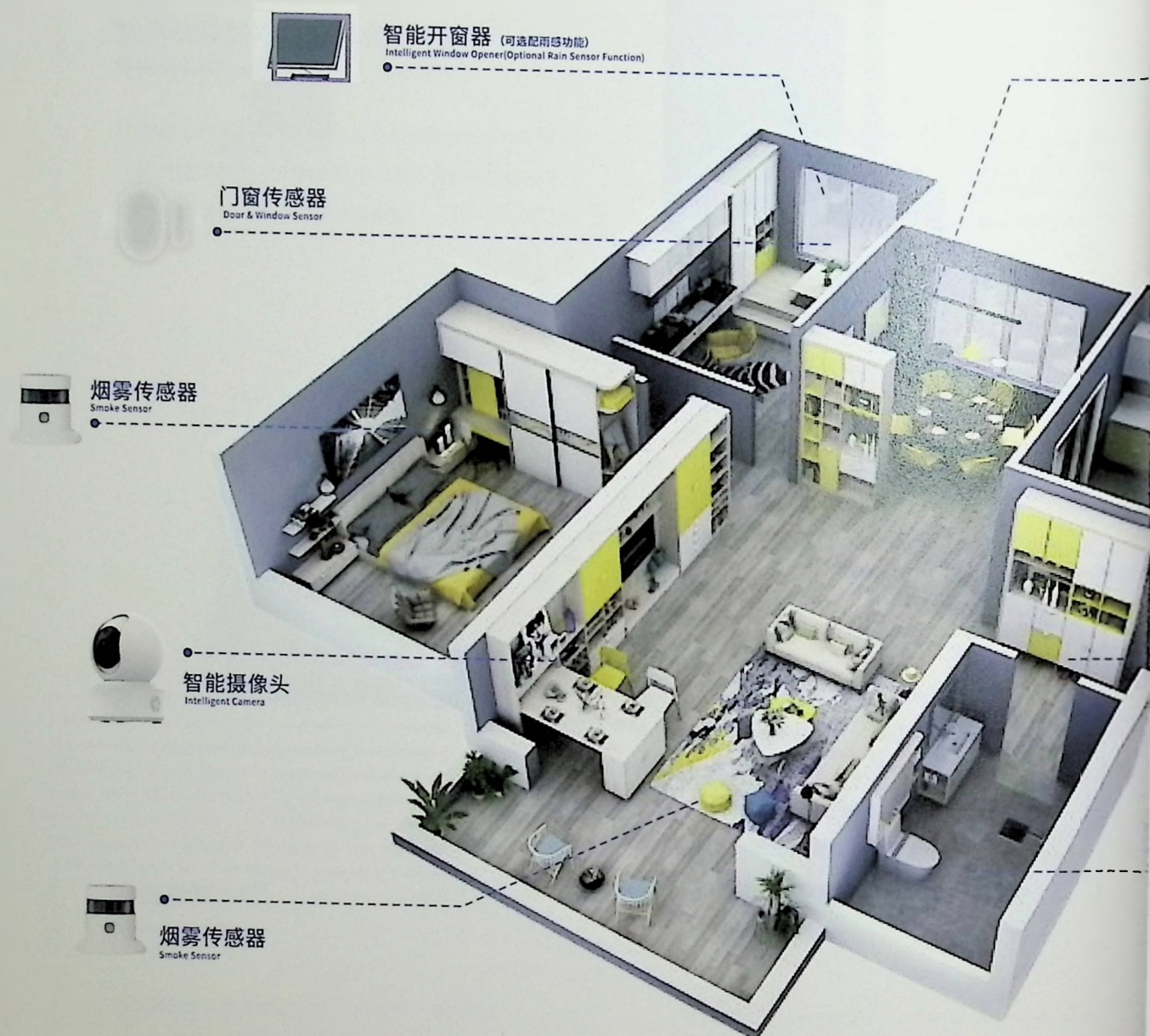
Multi Machine Synchronous Control

此方案用于单樘面积较大、窗体较重窗型，为保证提供足够的推拉力将窗扇开启和关闭状态时的密闭性能，安装2台或多台开窗器同步执行开启关闭动作。开窗器工作室内置的同步模块相互检测各自运行速度，并做出调整，保证多机同步运行。无需外加同步器最多可实现四机同步。开关接入的24V电源由消防联动控制箱或智能通风控制箱提供。

This scheme is used for the sealing performance when the sash is opened and closed in order to ensure sufficient sliding force to ensure the sealing performance of the sash opening and closing state. Two or more window opener are installed to perform the opening and closing action simultaneously. The synchronization modules built into the window opener studio detect each other's running speed and make adjustments to ensure that multiple machines run synchronously. Up to four machines can be synchronized without the need for an external synchronizer. The 24V power supply connected by the switch is provided by the fire linkage control box or intelligent risk control box.

SMART HOME WINDOW SYSTEM

智能家居开窗系统



智能元器件

Smart Components



门窗传感器
Door & Window Sensor
型号: BP-MC



燃气报警器
Gas Alarm
型号: BP-RQ



人体传感器
Human Sensor
型号: BP-RT



温湿度传感器
Temperature & Humidity Sensor
型号: BP-WC



烟雾传感器
Smoke Sensor
型号: BP-YW



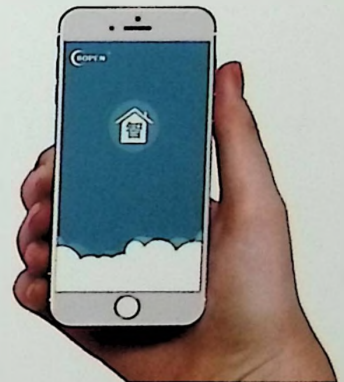
智能摄像头
Intelligent Camera
型号: BP-SX

系统特点

System Features

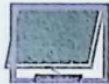


- 通过手机可实现远程开关门窗
- 火灾时自动开窗排烟
- 天然气液化气泄露后自动开窗通风
- 下雨时窗户自动关闭
- 大风时窗户自动关闭
- 有人企图通过窗户进入室内会自动关闭
- 遇到以上突发情况, 会自动报警并以短信形式发送到主人手机



- Remotely open and close doors and windows through mobile phones
- Automatic window opening and smoke exhaust in case of fire
- Automatic window ventilation after natural gas liquefied gas leaks
- The window closes automatically when it rains
- Window closes automatically in high winds
- Anyone attempting to enter the room through a window will automatically close the window
- In case of any of the above emergencies, it will automatically alarm and send it to the owner's mobile phone as a text message

(可适配雨感功能) 智能开窗器
Rain Sensor Function Intelligent Window Opener



燃气报警器
Gas Alarm



烟雾传感器
Smoke Sensor



人体传感器
Human Sensor



温湿度传感器
Temperature & Humidity Sensor



PRODUCT DESCRIPTION

产品介绍

我们一直从事与对产品的研发创新,凭借专业的设计团队、高标准的产品性能要求,来满足不同项目的需求,为客户提供优质的服务。

We have been engaged in product development and innovation, with a professional design team, high standards of product performance requirements, to meet the needs of different projects, to provide quality services for customers.



BOPEN®

CHAIN TYPE WINDOW

链 式 开



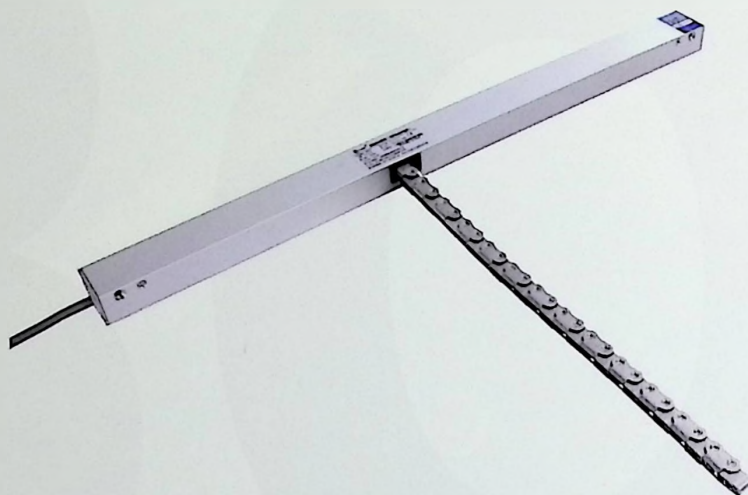
INTELLIGENT OPENING ■

NEW

隐藏式超小链电动开窗器

MODEL: BPLA

Concealed Ultra-small Chain
Electric Window Opener



特点

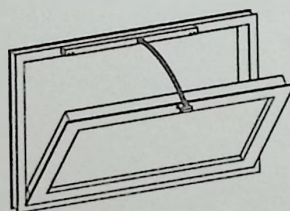
Characteristics

- 优质高强度不锈钢侧弯链条, 机身固定不随窗体旋转
- 超小机型可内置隐藏式安装
- 精准的电子过载保护
- 缓开缓闭, 及末端反转保护功能 保护门窗胶条及开窗器设备
- 消防通风两级分控系统
- 遇阻反弹, 智能防夹
- 超长寿命 日常反复启闭测试超30000次
- 业界领先的静音水平
- 智能电压控制, 保证设备的稳定运行
- 外壳为铝合金金属, 颜色可按客户定制

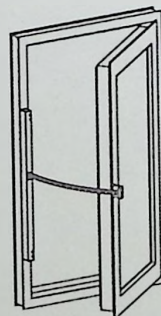
- High-quality high-strength stainless steel side-bending chain, the body is fixed without rotating with the window
- Ultra-small models with built-in hidden installation
- Precise electronic overload protection
- Slow opening and closing, and end reversal protection function Protect door and window strips and window opener equipment
- Fire and ventilation two-level sub-control system
- Rebound rebound, smart anti-pinch
- Long life, daily repeated opening and closing test over 30,000 times
- Industry leading mute level
- Intelligent voltage control to ensure stable operation of the equipment
- The outer casing is made of aluminum alloy and the color can be customized.

安装示意图

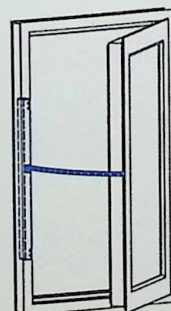
Installation Diagram



下悬内倒窗
Bottom Hung Inward Opening Window



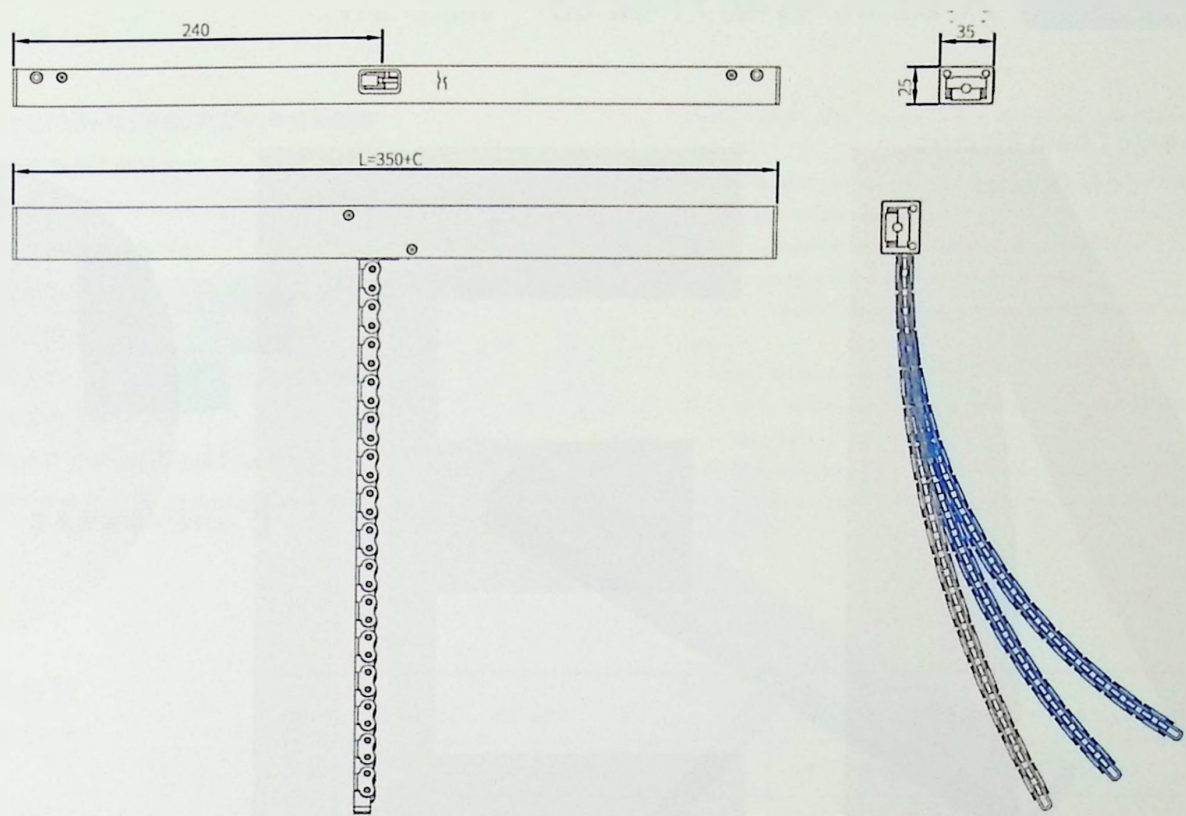
内平开窗
Inward Opening Window



内置隐藏安装示意图
Built in Hidden Installation Schematic Diagram

BPLA系列尺寸规格 (24V/DC)

BPLA Series Size Specifications (24V/DC)



开启行程与机身长度对照表：

Open Stroke And Body Length Comparison Table

开启行程 OPEN STROKE C(mm)	300	400	500	600
机身长度 BODY LENGTH L(mm)	500	550	600	650

技术参数

Technical Parameter

推力拉力Force (N) : 300~450	机械锁紧功能Mechanical Locking : ☒
锁紧力Locking Force (N) : 2000	运行速度Speed (mm/s) : 8
行程长度Stroke (Mm) : 100~600 (定制)	多点锁联动Multi-point Lock Linkage : ☒ (选配)
输出方式Output Mode : 单链	最大宽度Max Width (m) : 1.5
直流电机DC motor : ☒	最小宽度Minimum Width (m) : 0.5
单控开关功能Wire Switch : ☒ (选配)	额定电压Voltage Supply (V) : DC24
电动推拉功能Electric Push Pull : ☒	额定电流Current absorption (A) : 1.2
过载保护功能Overload Protection : ☒	额定功率Power (w) : 28.8
内置同步功能Internal Synchronization : ☒ (选配)	防护等级Protection Class (IP) : 32
消防联动/日常通风两级控制Fire-fighting linkage/daily ventilation two-level control : ☒	

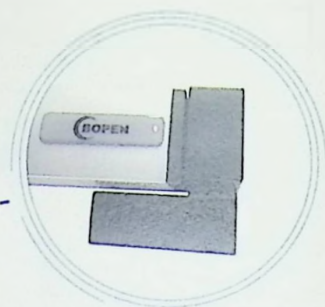
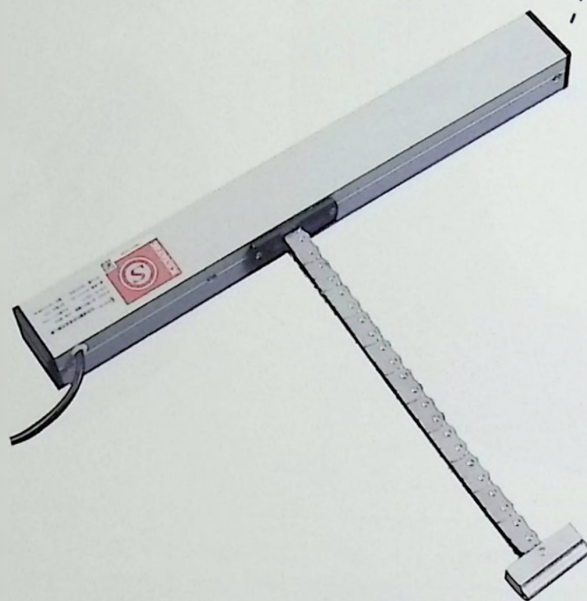
版权所有 侵权必究

主推产品

大链式电动开窗器

MODEL: BPLK

Large Chain Electric
Window Opener



③ 可选配装饰盖效果图

应用工程项目

Application Engineering Project



Hangzhou Bafang City
杭州八方城



Fuchun Communication Xiamen Research Institute
富春通信厦门研究院



Zhejiang Central Headquarters Economic Center
浙中总部经济中心

特点

Characteristics

- 优质高强度碳钢链条,可定制不锈钢链条
 - 精准的电子过载保护
 - 缓开缓闭,及末端反转保护功能 保护门窗胶条及开窗器设备
 - 消防通风两级分控系统
 - 智能APP wifi 蓝牙2.4Ghz 红外等多种连接方式支持
 - 遇阻反弹,智能防夹
 - 超长寿命 日常反复启闭测试超100000次
 - 业界领先的静音水平
 - 智能电压控制,保证设备的稳定运行
 - 外壳为铝合金金属,颜色可按客户定制
- High quality high strength carbon steel chain, customizable stainless steel chain
 - Precise electronic overload protection
 - Slow opening and closing, and end reversal protection function Protect door and window strips and window opener equipment
 - Fire and ventilation two-level sub-control system
 - Smart APP wifi Bluetooth 2.4Ghz infrared and other connection methods support
 - Rebound rebound, smart anti-pinch
 - Long life, daily repeated opening and closing test over 100,000 times
 - Industry leading mute level
 - Intelligent voltage control to ensure stable operation of the equipment
 - The outer casing is made of aluminum alloy and the color can be customized.

技术参数

Technical Parameter

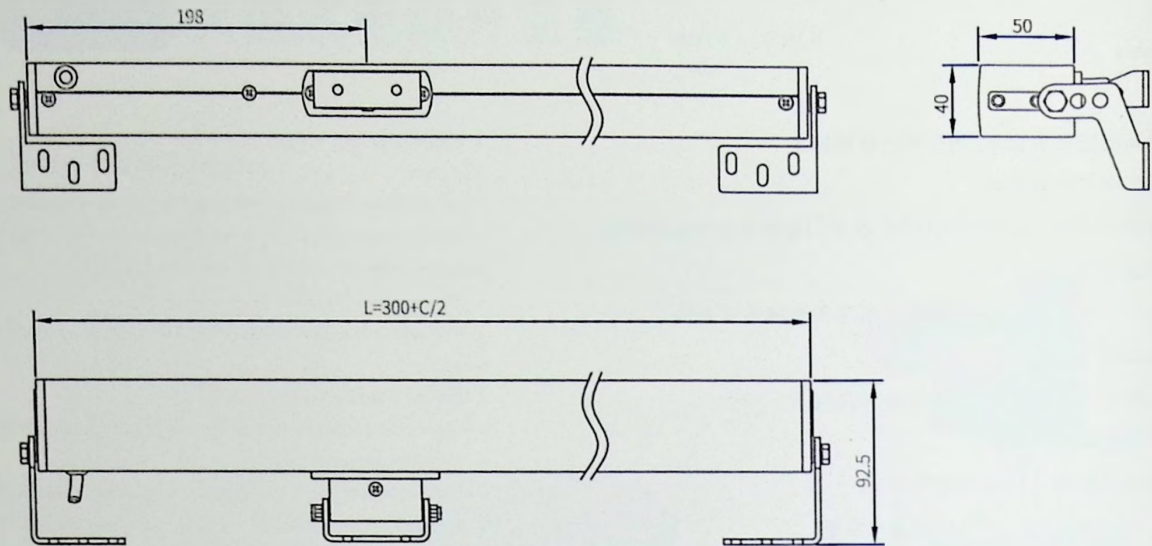
推力拉力Force (N) : 300~600	机械锁紧功能Mechanical Locking : √
锁紧力Locking Force (N) : 2000	运行速度Speed (mm/s) : 10~18
行程长度Stroke (Mm) : 100~1000 (定制)	多点锁联动Multi-point Lock Linkage : √ (选配)
输出方式Output Mode : 单链	最大窗宽Max Width (m) : 1.5
直流电机DC motor : √	最小窗宽Minimum Width (m) : 0.5
单控开关功能Wire Switch : √ (选配)	额定电压Voltage Supply (V) : DC24
电动推拉功能Electric Push Pull : √	额定电流Current absorption (A) : 1.2
过载保护功能Overload Protection : √	额定功率Power (w) : 28.8
内置同步功能Internal Synchronization : √ (选配)	防护等级Protection Class (IP) : 32
消防联动/日常通风两级控制Fire-fighting linkage/daily ventilation two-level control : √	

版权所有 侵权必究



BPLK系列尺寸规格 (24V/DC)

BPLK Series Size Specifications (24V/DC)



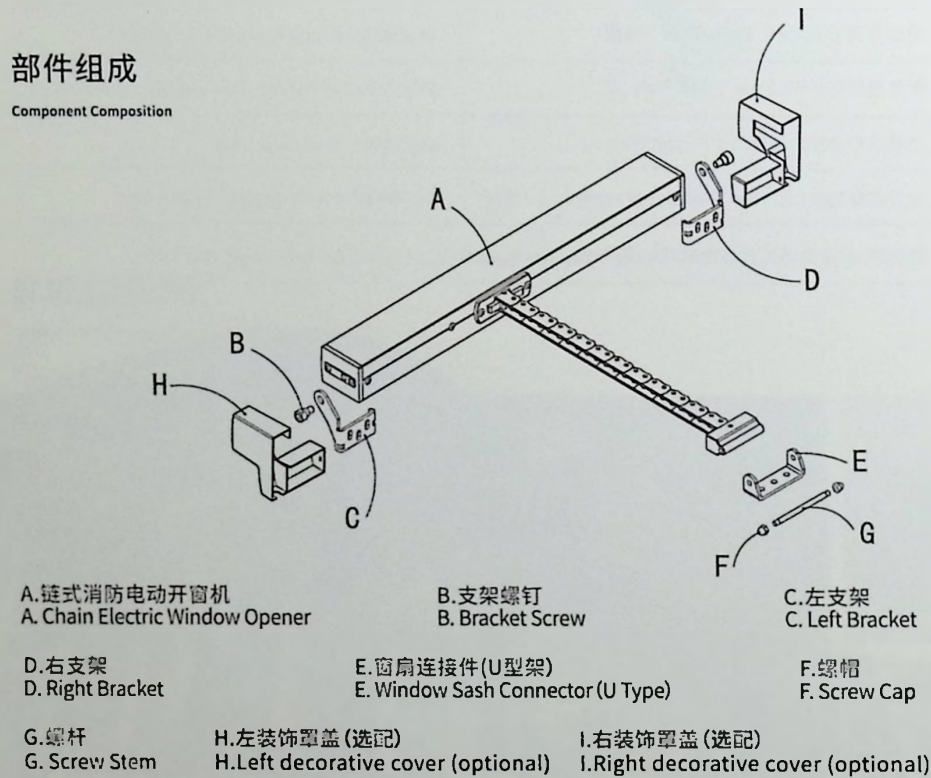
开启行程与机身长度对照表:

Open Stroke And Body Length Comparison Table

开启行程 C(mm)	300	400	500	600	750	1000
机身长度 L(mm)	450	500	550	600	675	800

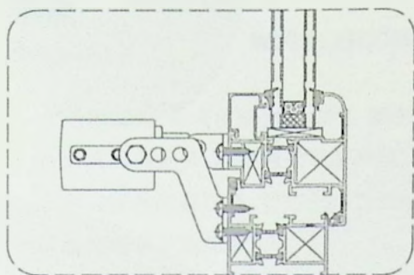
部件组成

Component Composition



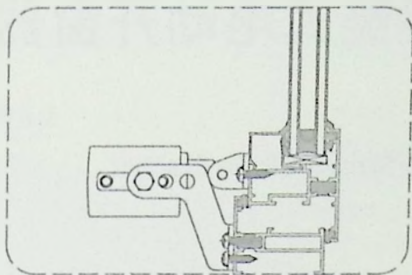
开窗机安装节点图

Window Opener Installation Node Diagram



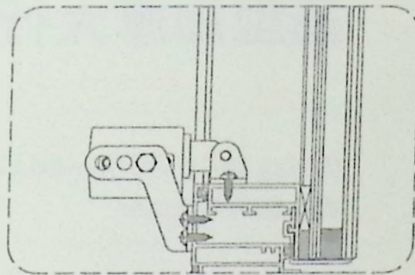
类型一：立面窗，铝合金型材窗，关闭时窗框与窗扇内面齐平，选用支架左一孔与开窗器左三孔连接。

Type 1: Facade window, aluminum alloy profile window when closed, the window frame is level with the inside of the window sash, select the left third hole of the bracket to connect with the left third hole of the window opener.



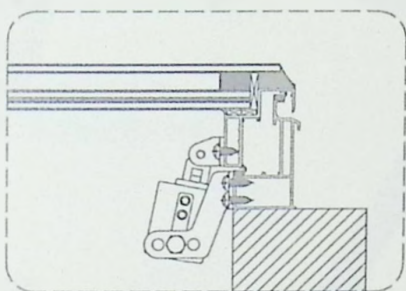
类型二：立面窗，铝合金型材窗，关闭时窗框与窗扇内面不齐平，相差约1公分，选用支架左一孔与开窗器左二孔连接。

Type 2: Facade window, aluminum alloy profile window when closed, the window frame is not level with the inside of the window sash, the difference is about 1 cm, select the left first hole of the bracket to connect with the left second hole of the window opener.



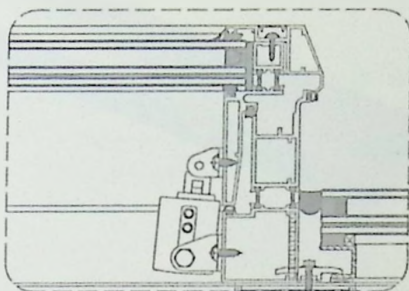
类型三：立面幕墙窗，关闭时窗框与窗扇内面垂直，选用支架左三孔与开窗器左二孔连接。

Type 3: Facade curtain wall window when closed, the window frame is perpendicular to the inside of the window sash, select the left third hole of the bracket to connect with the left second hole of the window opener.



类型四：天窗，关闭时窗框与窗扇内面不齐平，选用支架左二孔与开窗器最下方孔连接。

Type 4: Skylight window when closed, the window frame is not level with the inside of the window sash, select the left second hole of the bracket to connect with the bottom hole of the window opener.

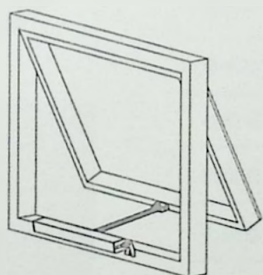


类型五：天窗，关闭时窗框与窗扇内面不齐平，选用专用天窗支架，与开窗器最下方孔连接。

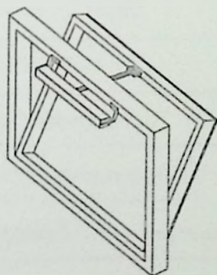
Type 5: Skylight window when closed, the window frame is not level with the inside of the window sash, select the special skylight bracket to connect with the bottom hole of the window opener.

适用窗型安装示意图

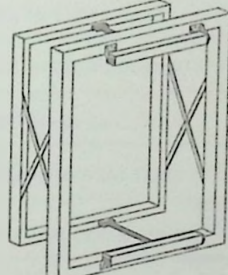
Window Opening Installation Node Diagram For Window Installation Diagram



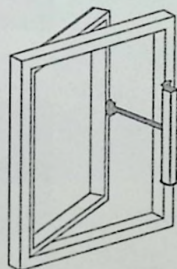
上悬外开 Top Hung Outward Opening



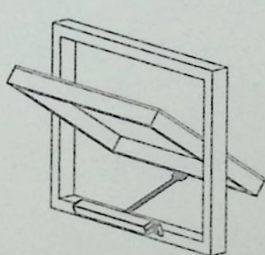
下悬外开 Bottom Hung Outward Opening



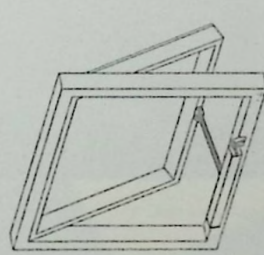
平推窗 Flat Push Window



平开窗 Casement Window



中悬窗 Center Pivoted window



天窗 Skylight Window

重型加厚大行程链式电动开窗器

MODEL:BPLW

Heavy Duty Thickened Large Stroke Chain Electric Window Opener



应用工程项目

Application Engineering Project



CHUANHUA International Science Park
传化国际科技园



Technical service building of Deqing Public Security Bureau
德清公安局技术服务大楼



Information port town
信息港小镇

特点

Characteristics

- 推拉力强劲, 最大可输出1500N, 用于重型窗开启
 - 链条支撑强度高, 行程最长可定制至1300mm
 - 优质高强度碳钢链条, 可定制不锈钢链条
 - 精准的电子过载保护
 - 缓开缓闭, 及末端反转保护功能 保护门窗胶条及开窗器设备
 - 消防通风两级分控系统
 - 智能APP wifi 蓝牙2.4Ghz 红外等多种连接方式支持
 - 遇阻反弹, 智能防夹
 - 超长寿命 日常反复启闭测试超100000次
 - 业界领先的静音水平
 - 智能电压控制, 保证设备的稳定运行
 - 外壳为铝合金金属, 颜色可按客户定制
- The pushing force is strong, and the maximum output is 1500N, which is used for heavy window opening
 - The chain has high support strength, and the longest stroke can be customized to 1300mm
 - High quality high strength carbon steel chain, customizable stainless steel chain
 - Precise electronic overload protection
 - Slow opening and closing, and end reversal protection function Protect door and window strips and window opener equipment
 - Fire and ventilation two-level sub-control system
 - Smart APP wifi Bluetooth 2.4Ghz infrared and other connection methods support
 - Rebound rebound, smart anti-pinch
 - Long life, daily repeated opening and closing test over 100,000 times
 - Industry leading mute level
 - Intelligent voltage control to ensure stable operation of the equipment
 - The outer casing is made of aluminum alloy and the color can be customized.

技术参数

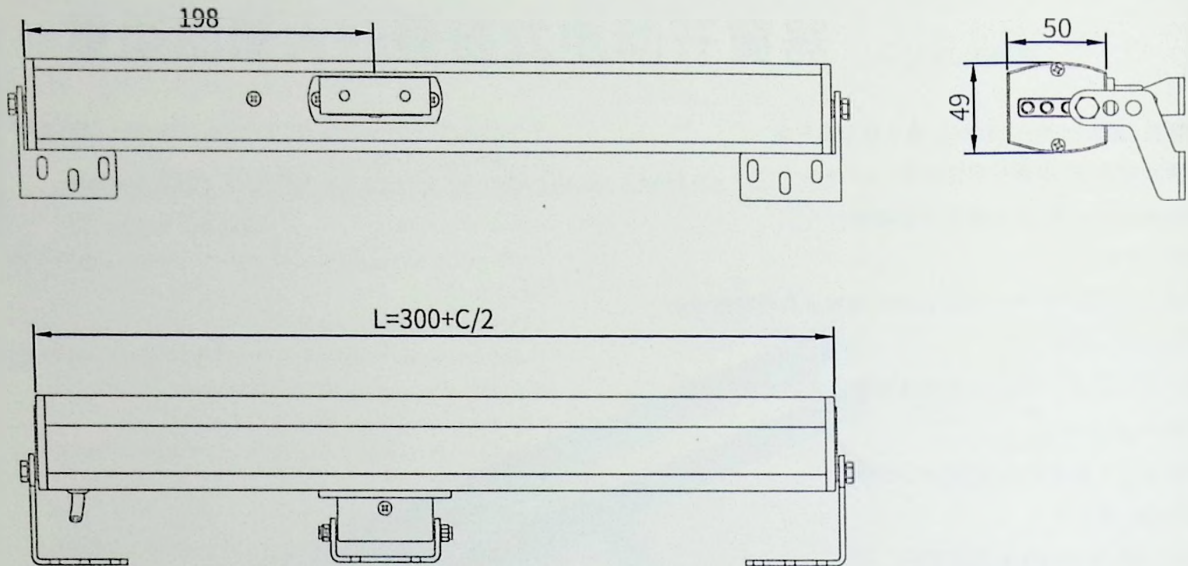
Technical Parameter

推拉力Force (N) : 1500	机械锁紧功能Mechanical Locking : ✓
锁紧力Locking Force (N) : 2000	运行速度Speed (mm/s) : 10~18
行程长度Stroke (Mm) : 100~1300 (定制)	多点锁联动Multi-point Lock Linkage : ✓ (选配)
输出方式Output Mode : 单链	最大窗宽Max Width (m) : 1.5
直流电机DC motor : ✓	最小窗宽Minimum Width (m) : 0.5
单控开关功能Wire Switch : ✓ (选配)	额定电压Voltage Supply (V) : DC24
电动推拉功能Electric Push Pull : ✓	额定电流Current absorption (A) : 1.2
过载保护功能Overload Protection : ✓	额定功率Power (w) : 28.8
内置同步功能Internal Synchronization : ✓ (选配)	防护等级Protection Class (IP) : 32
消防联动/日常通风两级控制Fire-fighting linkage/daily ventilation two-level control : ✓	

版权所有 广州德信机械有限公司

BPLW系列尺寸规格 (24V/DC)

BPLW Series Size Specifications (24V/DC)



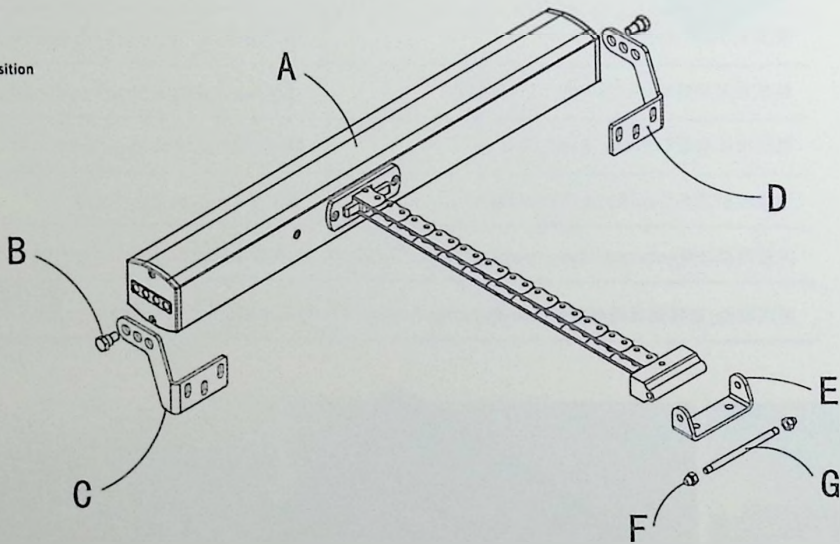
开启行程与机身长度对照表：

Open Stroke And Body Length Comparison Table

开启行程 Open Stroke C(mm)	300	400	500	600	750	1000
机身长度 Body Length L(mm)	450	500	550	600	675	800

部件组成

Component Composition



A. 链式消防电动开窗机
A. Chain Electric Window Opener

B. 支架螺钉
B. Bracket Screw

C. 左支架
C. Left Bracket

D. 右支架
D. Right Bracket

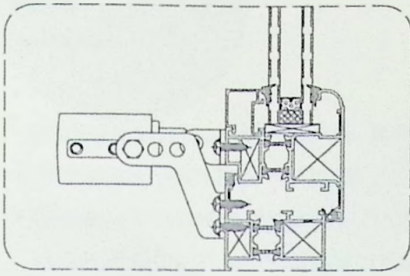
E. 窗扇连接件(U型架)
E. Window Sash Connector (U Type)

F. 螺帽
F. Screw Cap

G. 螺杆
G. Screw Stem

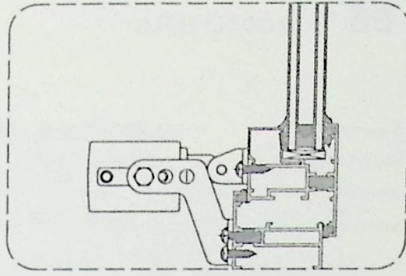
开窗机安装节点图

Window Opener Installation Node Diagram



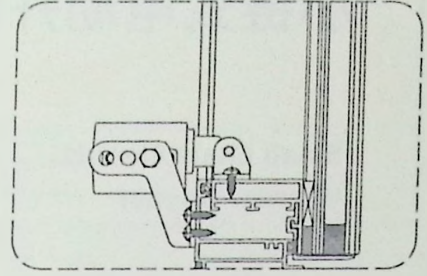
类型一：立面窗，铝合金型材窗，关闭时窗框与窗扇内面齐平，选用支架左一孔与开窗器左三孔连接。

Type 1: Facade window, aluminum alloy profile window when closed, the window frame is level with the inside of the window sash, select the left first hole of the bracket to connect with the left third hole of the window opener.



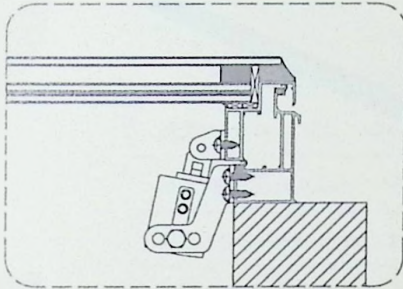
类型二：立面窗，铝合金型材窗，关闭时窗框与窗扇内面不齐平，相差约1公分，选用支架左一孔与开窗器左二孔连接。

Type 2: Facade window, aluminum alloy profile window when closed, the window frame is not level with the inside of the window sash, the difference is about 1 cm, select the left first hole of the bracket to connect with the left second hole of the window opener.



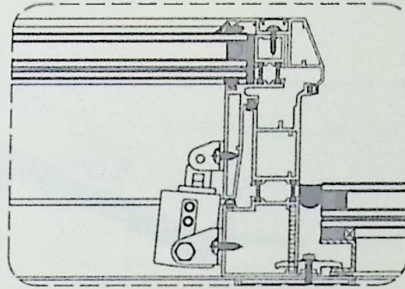
类型三：立面幕墙窗，关闭时窗框与窗扇内面垂直，选用支架左三孔与开窗器左二孔连接。

Type 3: Facade curtain wall window when closed, the window frame is perpendicular to the inside of the window sash, select the left third hole of the bracket to connect with the left second hole of the window opener.



类型四：天窗，关闭时窗框与窗扇内面不平齐，选用支架左二孔与开窗器最下方孔连接。

Type 4: Skylight window when closed, the window frame is not level with the inside of the window sash, select the left second hole of the bracket to connect with the bottom hole of the window opener.

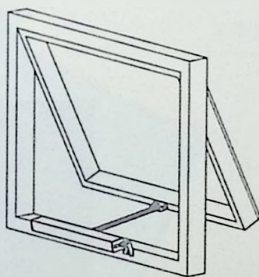


类型五：天窗，关闭时窗框与窗扇内面不平齐，选用专用天窗支架，与开窗器最下方孔连接。

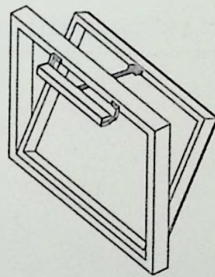
Type 5: Skylight window when closed, the window frame is not level with the inside of the window sash, select the special skylight bracket to connect with the bottom hole of the window opener.

适用窗型安装示意图

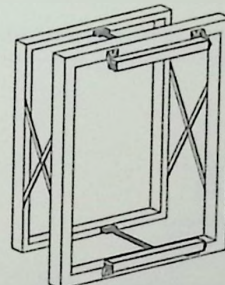
Window Opening Installation Node Diagram For Window Installation Diagram



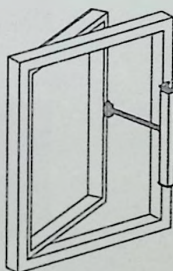
上悬外开 Top Hung Outward Opening



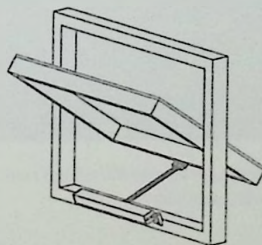
下悬外开 Bottom Hung Outward Opening



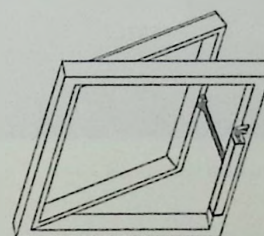
平推窗 Flat Push Window



平开窗 Casement Window



中悬窗 Center Pivoted Window

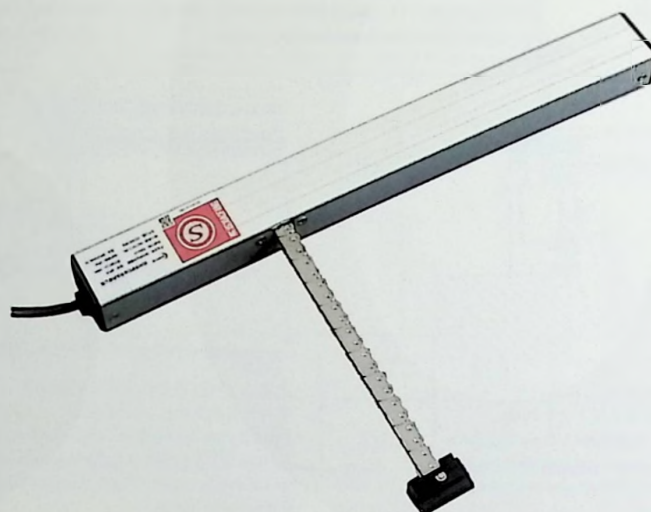


天窗 Skylight Window

小链式电动开窗器

MODEL: BPLS

Small Chain Electric
Window Opener



应用工程项目

Application Engineering Project



Hangzhou Guali Cultural and Sports Center
杭州瓜沥文体中心



Qingdao Kaifeng International Financial Center
青岛凯丰国际金融中心



Shaoxing CITIC Bank Building
绍兴中信银行大厦

特点

Characteristics

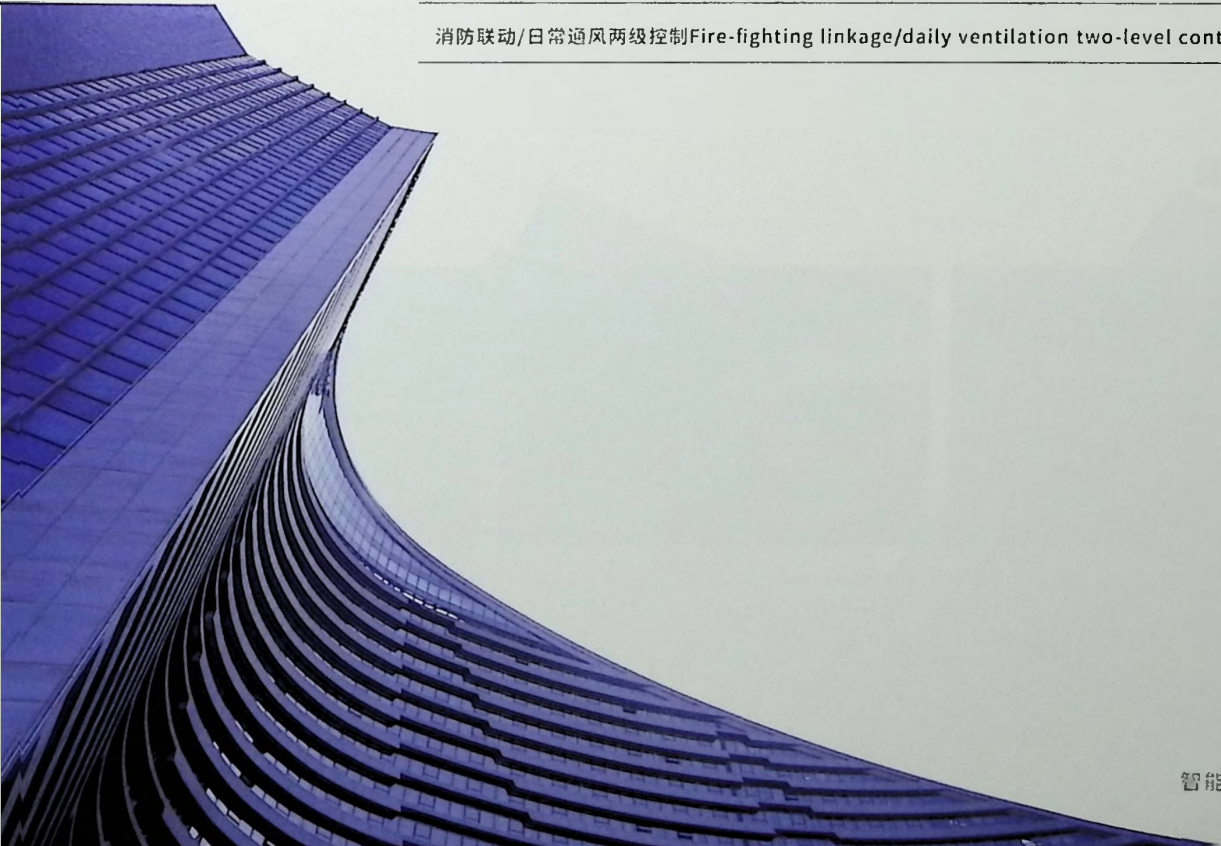
- 精巧的外形设计, 全铝合金外壳, 具有低能耗、免维护的特点
- 超负荷过载保护, 防止电机过载
- 链条采用表面防腐处理的碳钢材料 (或选配不锈钢) 制成, 适合长期潮湿的环境, 只需要较少的维护及保养成本
- 连续大于30000次推出与拉回测试
- 关闭后电机锁紧力达2000N
- Compact shape design, all-aluminum alloy casing, low energy consumption, maintenance-free
- Overload overload protection to prevent motor overload
- The chain is made of special materials with surface anti-corrosion treatment (or optional stainless steel). Suitable for long-term wet environments, requiring less maintenance and maintenance costs
- More than 30,000 consecutive launch and pullback tests
- Motor lock force up to 2000N after closing

技术参数

Technical Parameter

推力拉力Force (N) : 300	机械锁紧功能Mechanical Locking : ☒
锁紧力Locking Force (N) : 2000	运行速度Speed (mm/s) : 10~15
行程长度Stroke (Mm) : 100~500 (定制)	多点锁联动Multi-point Lock Linkage : ☒ (选配)
输出方式Output Mode : 单链	最大窗宽Max Width (m) : 1.5
直流电机DC motor : ☒	最小窗宽Minimum Width (m) : 0.5
单控开关功能Wire Switch : ☒ (选配)	额定电压Voltage Supply (V) : DC24
电动推拉功能Electric Push Pull : ☒	额定电流Current absorption (A) : 1.0
过载保护功能Overload Protection : ☒	额定功率Power (w) : 24
内置同步功能Internal Synchronization : ☒ (选配)	防护等级Protection Class (IP) : 32
消防联动/日常通风两级控制Fire-fighting linkage/daily ventilation two-level control : ☒	

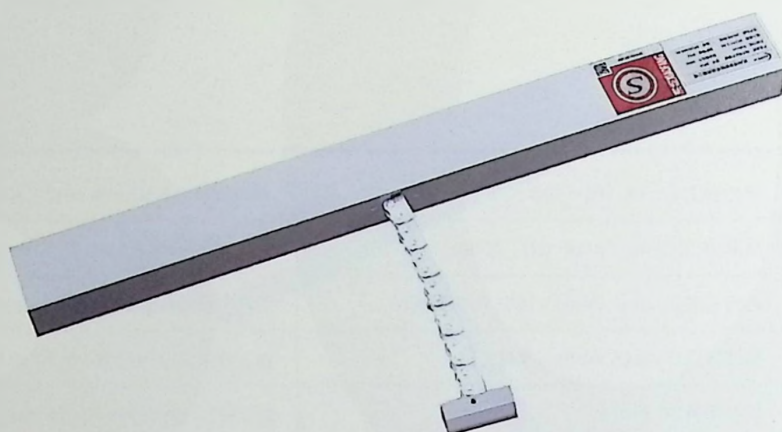
版权所有 本公司所有



亚小链式电动开窗器

MODEL: BPLT

Sub-small Chain Type Electric
Window Opener



应用工程项目

Application Engineering Project



Taizhou Municipal Party School
台州市委党校



Information port town
信息港小镇



Putian Senior Cultural and Sports Center
莆田市老年文体中心

特点

Characteristics

- 精巧的外形设计, 全铝合金外壳, 具有低能耗、免维护的特点
 - 超负荷过载保护, 防止电机过载
 - 链条采用表面防腐处理的碳钢材料 (或选配不锈钢) 制成, 适合长期潮湿的环境, 只需要较少的维护及保养成本
 - 连续大于30000次推出与拉回测试
 - 关闭后电机锁紧力达2000N
- Compact shape design, all-aluminum alloy casing, low energy consumption, maintenance-free
 - Overload overload protection to prevent motor overload
 - The chain is made of special materials with surface anti-corrosion treatment (or optional stainless steel). Suitable for long-term wet environments, requiring less maintenance and maintenance costs
 - More than 30,000 consecutive launch and pullback tests
 - Motor lock force up to 2000N after closing

技术参数

Technical Parameter

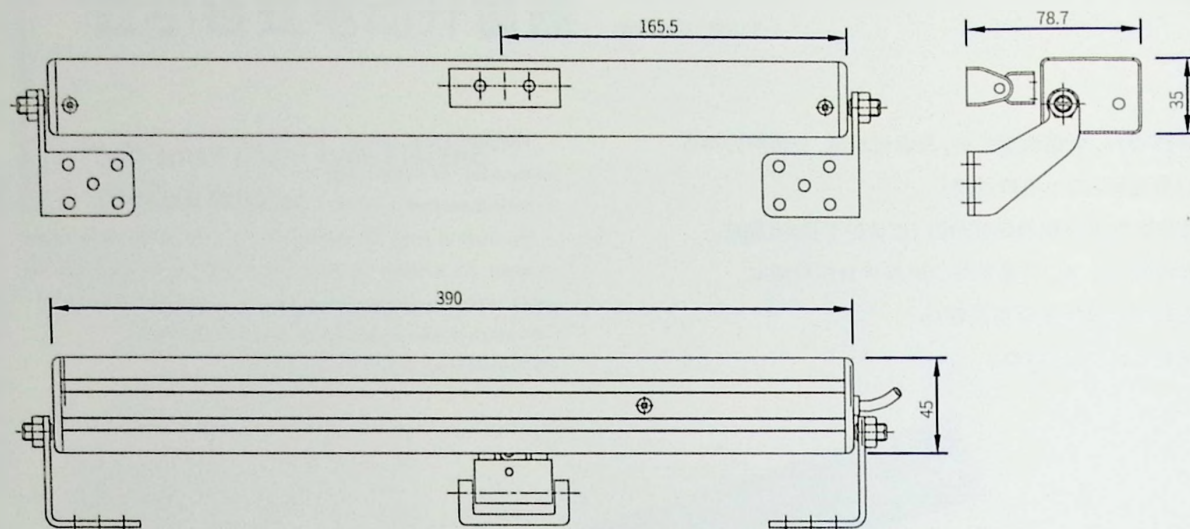
推力拉力Force (N) : 300	机械锁紧功能Mechanical Locking : ✓
锁紧力Locking Force (N) : 2000	运行速度Speed (mm/s) : 10~15
行程长度Stroke (Mm) : 100~500 (定制)	多点锁联动Multi-point Lock Linkage : ✓ (选配)
输出方式Output Mode : 单链	最大窗宽Max Width (m) : 1.5
直流电机DC motor : ✓	最小窗宽Minimum Width (m) : 0.5
单控开关功能Wire Switch : ✓ (选配)	额定电压Voltage Supply (V) : DC24
电动推拉功能Electric Push Pull : ✓	额定电流Current absorption (A) : 1.0
过载保护功能Overload Protection : ✓	额定功率Power (w) : 24
内置同步功能Internal Synchronization : ✓ (选配)	防护等级Protection Class (IP) : 32
消防联动/日常通风两级控制Fire-fighting linkage/daily ventilation two-level control : ✓	

福州福瑞科技股份有限公司



BPLS系列尺寸规格 (24V/DC)

BPLS Series Size Specifications (24V/DC)



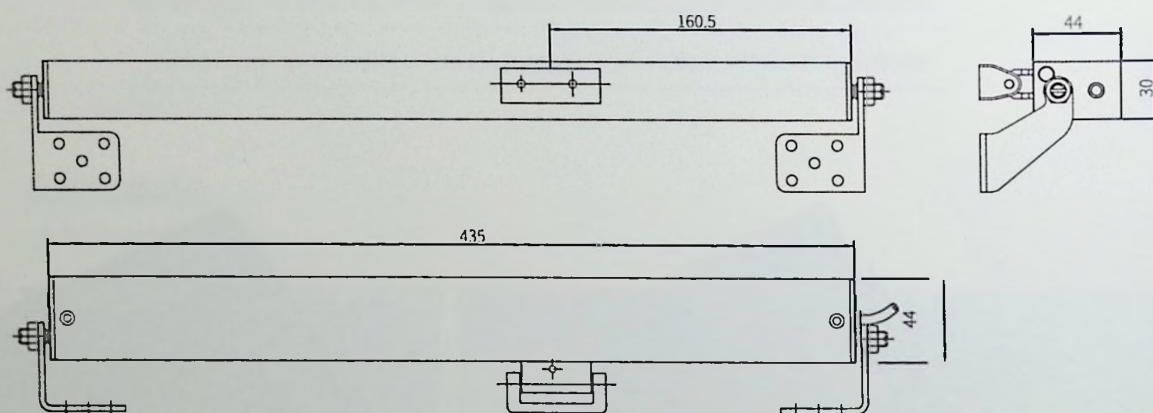
开启行程与机身长度对照表:

Open Stroke And Body Length Comparison Table:

开启行程 Open Stroke C(mm)	300	400	500	600
机身长度 Body Length L(mm)	390	440	490	540

BPLT系列尺寸规格 (24V/DC)

BPLT Series Size Specifications (24V/DC)



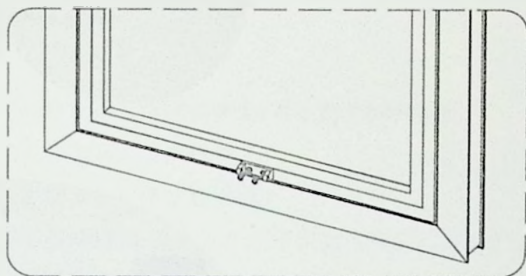
开启行程与机身长度对照表:

Open Stroke And Body Length Comparison Table:

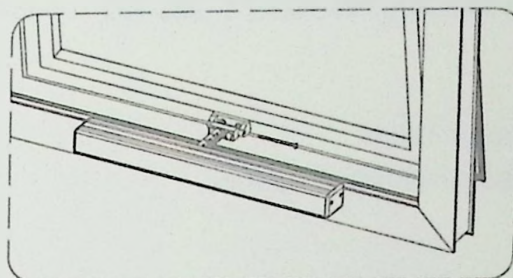
开启行程 Open Stroke C(mm)	300	400	500	600
机身长度 Body Length L(mm)	435	485	535	585

安装步骤图

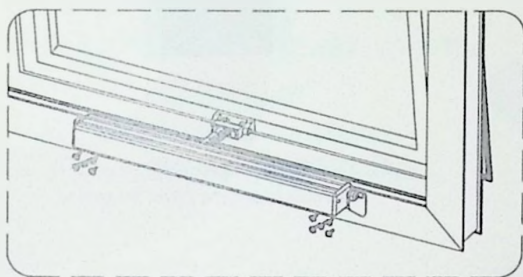
Installation Step Diagram



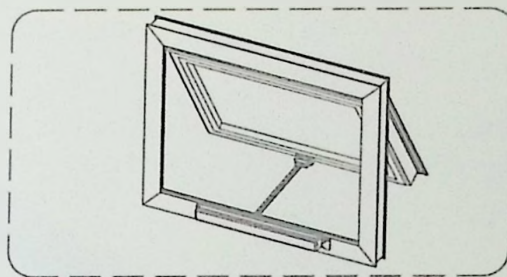
1. 将窗扇连接件安装在窗扇居中位置, 此处使用2颗2#螺丝。
1. Install the Window sash connector in the center position of the sash, here use 2pcs of 2# screw.



2. 开窗器链条推出5c左右, 把链条头和窗扇连接件使用1颗3#螺丝连接好。
2. Push out the chain of the window opener about 5 cm, and use a 3# screw to connect the chain head and the window sash connector.



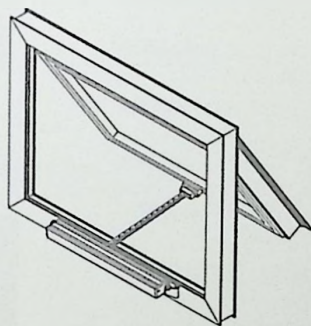
3. 先把支架螺钉和左右支架连接, 再把支架安装在窗框上此处使用10颗1#螺丝。
3. First connect the bracket screws to the left and right brackets, and then install the brackets on the window frame, here use 10pcs of 1# screws.



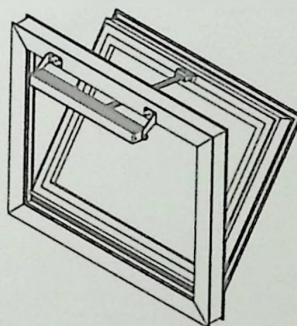
4. 安装完毕, 连接消防电气控制装置, 开启关闭试运行。
4. After the installation, connect the fire electrical control device, open and close to do the trial operation.

适用窗型安装示意图

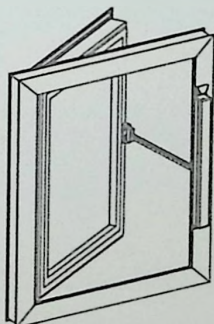
Window Opening Installation Node Diagram For Window Installation Diagram



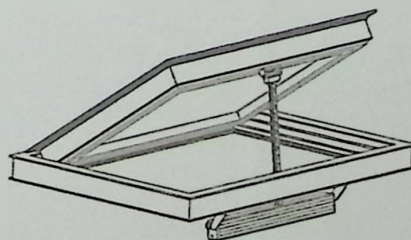
上悬外开Top Hung Outward Opening



下悬外倒Bottom Hung Outward Opening



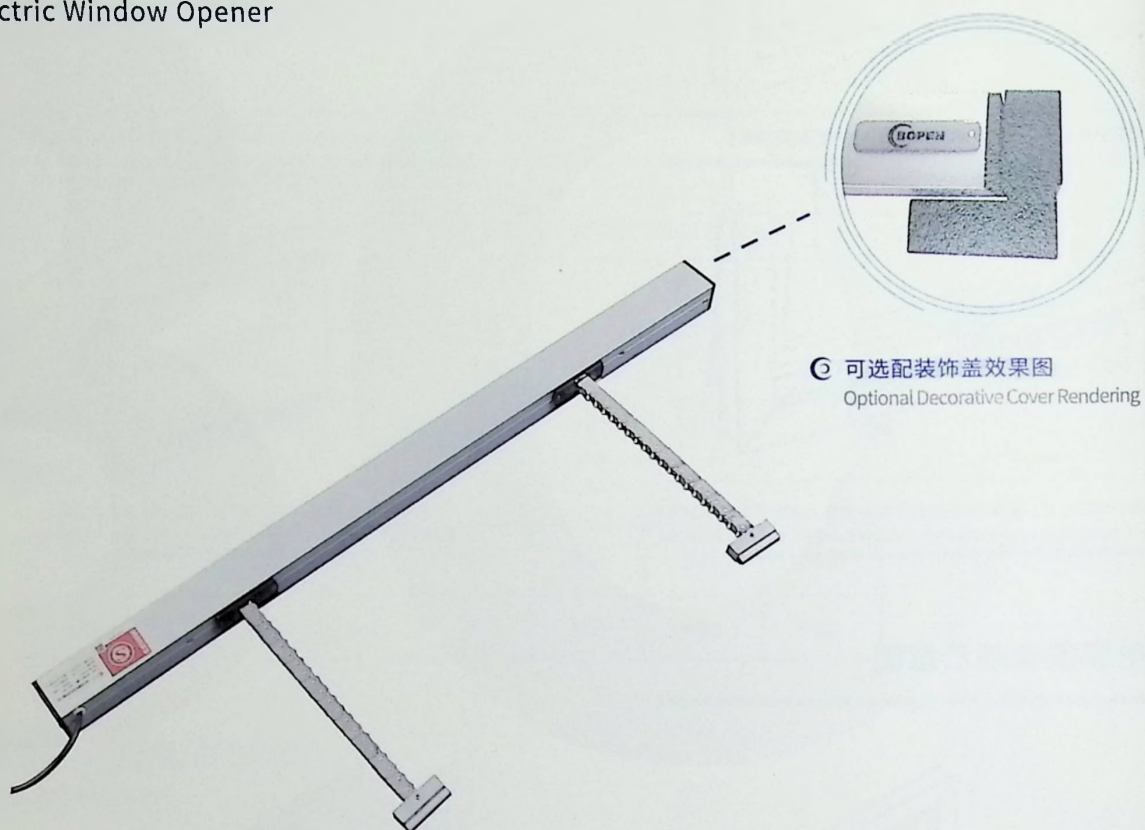
平开窗Casement Window



天窗Skylight Window

双链式电动开窗器 MODEL: BPDK

Double Chain
Electric Window Opener



应用工程项目

Application Engineering Project



Hangzhou Ideal Yintai City
杭州理想银泰城



Hangzhou Bodi Center
杭州博地中心



Qingdao Shipping International Center
青岛航运国际中心

特点

Characteristics

- 优质高强度碳钢链条,可定制不锈钢链条
- 内置精准同步模块
- 精准的电子过载保护
- 缓开缓闭,及末端反转保护功能 保护门窗胶条及开窗器设备
- 消防通风两级分控系统
- 智能APP wifi 蓝牙2.4Ghz 红外等多种连接方式支持
- 遇阻反弹, 智能防夹
- 超长寿命 日常反复启闭测试超100000次
- 业界领先的静音水平
- 智能电压控制, 保证设备的稳定运行
- 外壳为铝合金金属,颜色可按客户定制
- High quality high strength carbon steel chain, customizable stainless steel chain
- Built-in precision synchronization module
- Precise electronic overload protection
- Slow opening and closing, and end reversal protection function Protect door and window strips and window opener equipment
- Fire and ventilation two-level sub-control system
- Smart APP wifi Bluetooth 2.4Ghz infrared and other connection methods support
- Rebound rebound, smart anti-pinch
- Long life, daily repeated opening and closing test over 100,000 times
- Industry leading mute level
- Intelligent voltage control to ensure stable operation of equipment
- The outer casing is made of aluminum alloy and the color can be customized.

技术参数

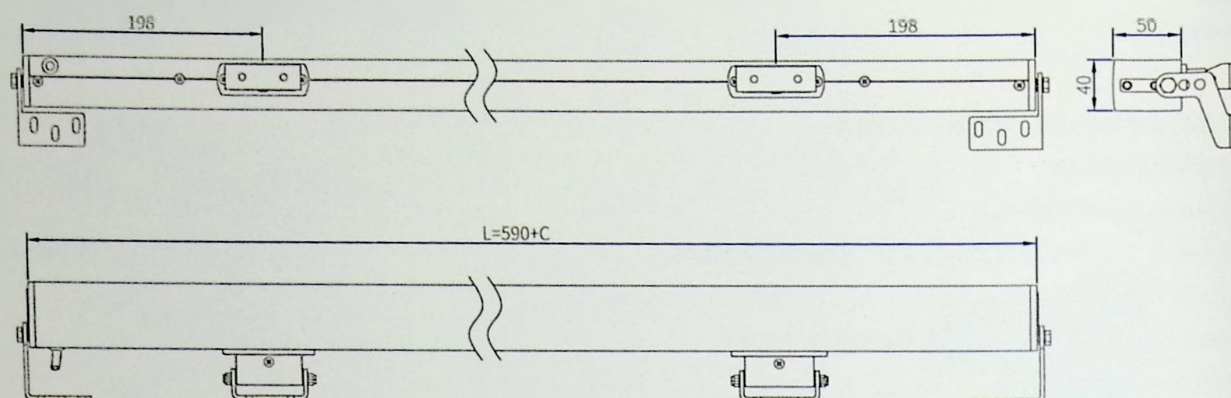
Technical Parameter

推力拉力Force (N) : 600~1000	机械锁紧功能Mechanical Locking : ☒
锁紧力Locking Force (N) : 4000	运行速度Speed (mm/s) : 10~18
行程长度Stroke (Mm) : 100~1000 (定制)	多点锁联动Multi-point Lock Linkage : ☒ (选配)
输出方式Output Mode : 双链	最大窗宽Max Width (m) : 2.5
直流电机DC motor : ☒	最小窗宽Minimum Width (m) : 1
单控开关功能Wire Switch : ☒ (选配)	额定电压Voltage Supply (V) : DC24
电动推拉功能Electric Push Pull : ☒	额定电流Current absorption (A) : 2.4
过载保护功能Overload Protection : ☒	额定功率Power (w) : 57.6
内置同步功能Internal Synchronization : ☒ (选配)	防护等级Protection Class (IP) : 32
消防联动/日常通风两级控制Fire-fighting linkage/daily ventilation two-level control : ☒	

版权所有 侵权必究

BPKD系列尺寸规格 (24V/DC)

BPKD Series Size Specifications (24V/DC)



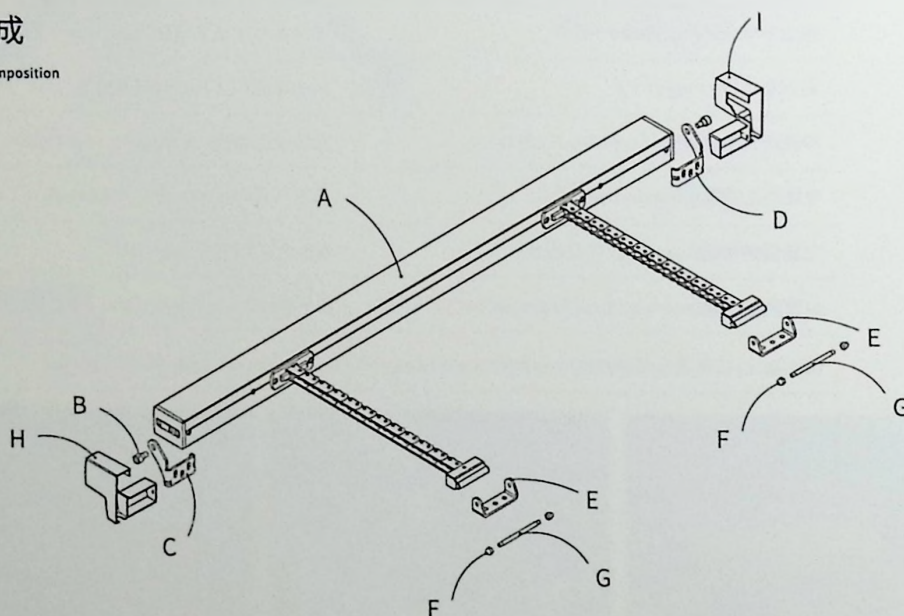
开启行程与机身长度对照表：

Open Stroke And Body Length Comparison Table:

开启行程 Open Stroke C(mm)	300	400	500	600	750	1000
机身长度 Body Length L(mm)	890	990	1090	1190	1340	1590

部件组成

Component Composition



A.链式消防电动开窗机
A. Chain Electric Window Opener

B.支架螺钉
B. Bracket Screw

C.左支架
C. Left Bracket

D.右支架
D. Right Bracket

E.窗扇连接件(U型架)
E. Window Sash Connector (U Type)

F.螺帽
F. Screw Cap

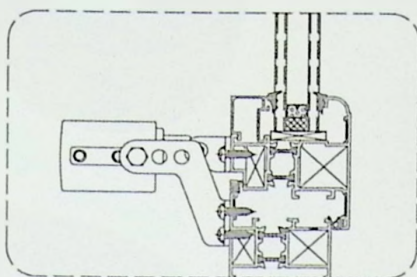
G.螺杆
G. Screw Stem

H.左装饰罩盖(选配)
H. Left Decorative Cover(Optional)

I.右装饰罩盖(选配)
I. Right Decorative Cover(Optional)

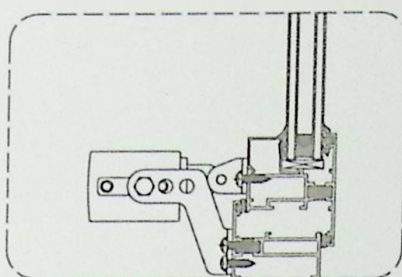
开窗机安装节点图

Window Opener Installation Node Diagram



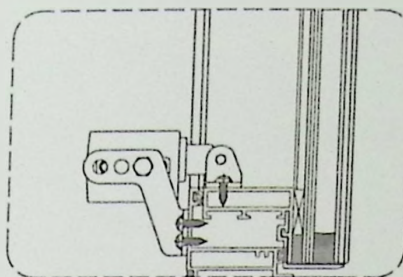
类型一：立面窗，铝合金型材窗，关闭时窗框与窗扇内面齐平，选用支架左一孔与开窗器左三孔连接。

Type 1: Facade window, aluminum alloy profile window when closed, the window frame is level with the inside of the window sash, select the left first hole of the bracket to connect with the left third hole of the window opener.



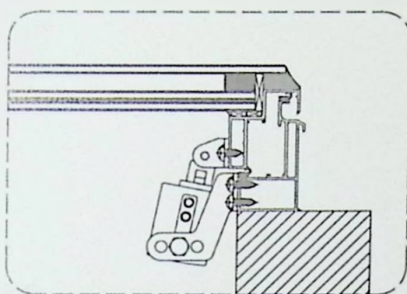
类型二：立面窗，铝合金型材窗，关闭时窗框与窗扇内面不齐平，相差约1公分，选用支架左一孔与开窗器左二孔连接。

Type 2: Facade window, aluminum alloy profile window when closed, the window frame is not level with the inside of the window sash, the difference is about 1 cm, select the left first hole of the bracket to connect with the left second hole of the window opener.



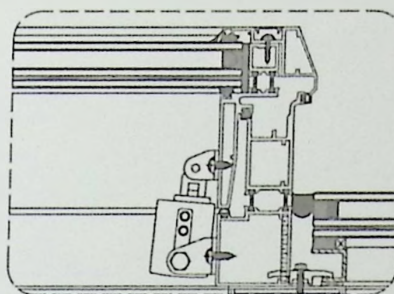
类型三：立面幕墙窗，关闭时窗框与窗扇内面垂直，选用支架左三孔与开窗器左二孔连接。

Type 3: Facade curtain wall window when closed, the window frame is perpendicular to the inside of the window sash, select the left third hole of the bracket to connect with the left second hole of the window opener.



类型四：天窗，关闭时窗框与窗扇内面不平齐，选用支架左二孔与开窗器最下方孔连接。

Type 4: Skylight window when closed, the window frame is not level with the inside of the window sash, select the left second hole of the bracket to connect with the bottom hole of the window opener.

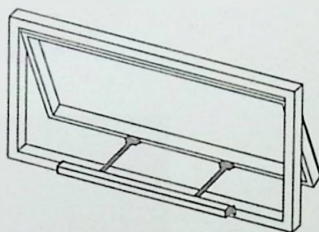


类型五：天窗，关闭时窗框与窗扇内面不平齐，选用专用天窗支架，与开窗器最下方孔连接。

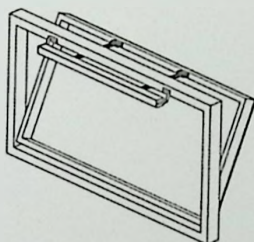
Type 5: Skylight window when closed, the window frame is not level with the inside of the window sash, select the special skylight bracket to connect with the bottom hole of the window opener.

适用窗型安装示意图

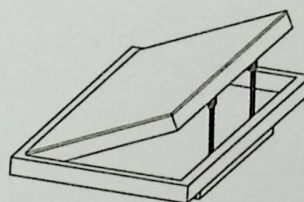
Window Opening Installation Node Diagram For Window Installation Diagram



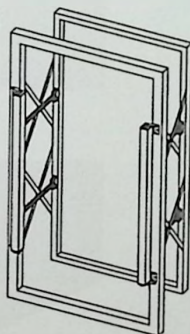
上悬外开 Top Hung Outward Opening



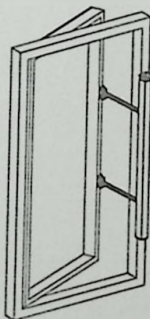
下悬外开 Bottom Hung Outward Opening



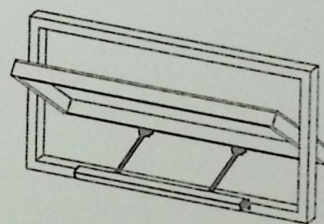
天窗 Skylight Window



平推窗 Flat Push Window



平开窗 Casement Window



中悬窗 Center Pivoted window

PUSH
WIND

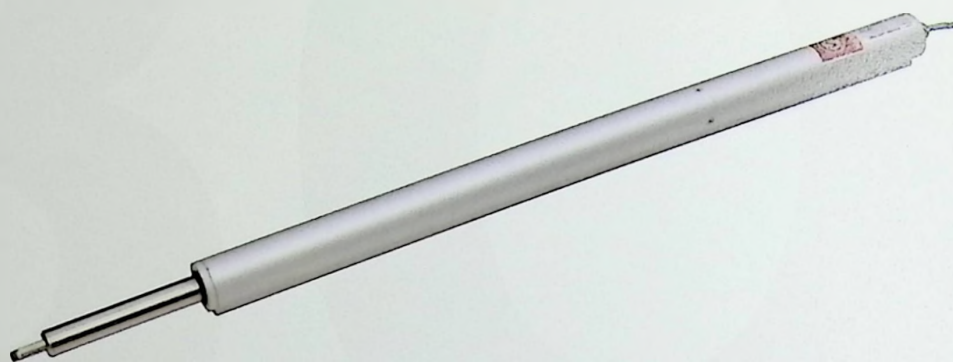


主推产品

推杆式电动开窗器

MODEL: BPTY

Push Rod Type Electric
Window Opener



应用工程项目

Application engineering project



Hangzhou Xuejun Middle School Wen Yuan Branch
杭州学军中学文澜分校



Jiangxi Shangrao Wuyue Square
江西上饶吾悦广场



Zhejiang Central Headquarters Economic Center
尹家嘴田园综合体

特点

Characteristics

- 精巧的外形设计, 全铝合金外壳, 具有低能耗、免维护的特点
- 超负荷过载保护, 防止电机过载
- 推杆采用表面防腐处理的铝合金材料 (或选配不锈钢) 制成, 适合长期潮湿的环境, 只需要较少的维护及保养成本
- 大于30000次推出与拉回测试
- 关闭后电机锁紧力达3000N
- 推拉力强劲, 最大可输出1000N

- Compact shape design, all-aluminum alloy casing, low energy consumption, maintenance-free
- Overload overload protection to prevent motor overload
- The putter is made of aluminum alloy with surface anti-corrosion treatment (or optional stainless steel). Suitable for long-term wet environments, requiring less maintenance and maintenance costs
- More than 30,000 launches and pullback tests
- The motor locks up to 3000N after closing
- Strong push and pull force, the maximum output is 1000N

技术参数

technical parameter

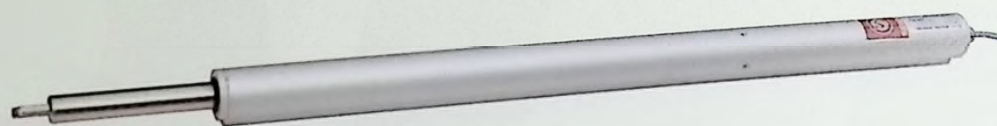
推拉力Force (N) : 1000	机械锁紧功能Mechanical Locking : √
锁紧力Locking Force (N) : 3000	运行速度Speed (mm/s) : 8
行程长度Stroke (Mm) : 100~1000 (定制)	多点锁联动Multi-point Lock Linkage : √ (选配)
输出方式Output Mode : 推杆	最大盲宽Max Width (m) : 1.5
直流电机DC motor : √	最小盲宽Minimum Width (m) : 0.5
单控开关功能Wire Switch : √ (选配)	额定电压Voltage Supply (V) : DC24
电动推拉功能Electric Push Pull : √	额定电流Current absorption (A) : 1.2
过载保护功能Overload Protection : √	额定功率Power (w) : 28.8
内置同步功能Internal Synchronization : √ (选配)	防护等级Protection Class (IP) : 65
消防联动/日常通风两级控制Fire-fighting linkage/daily ventilation two-level control : √	

版权所有 杭州学军中学

重型推杆式电动开窗器

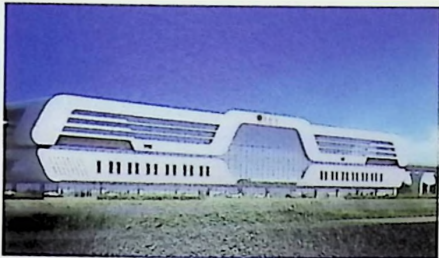
MODEL:BPTW

Heavy-duty Push Rod Type Electric
Window Opener.

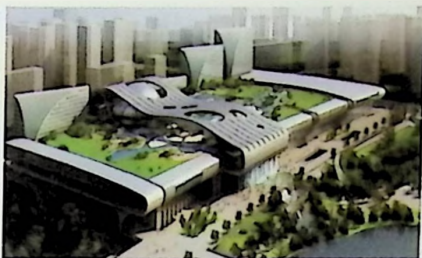


应用工程项目

Application engineering project



Wenzhou S1 Line - Dezheng Station
温州S1线-德政站



Hangzhou Olympic Sports Expo City - Tennis Training Center
杭州奥体博览城-网球训练中心



Jiangsu Taixing Wanda Plaza
江苏泰兴万达广场

特点

Characteristics

- 精巧的外形设计, 全铝合金外壳, 具有低能耗、免维护的特点
 - 超负荷过载保护, 防止电机过载
 - 推杆采用表面防腐处理的不锈钢材料制成, 适合长期潮湿的环境, 只需要较少的维护及保养成本
 - 大于30000次推出与拉回测试
 - 关闭后电机锁紧力达3000N
 - 推拉力强劲, 最大可输出3000N, 用于重型窗开启
- Compact shape design, all-aluminum alloy casing, low energy consumption, maintenance-free
 - Overload overload protection to prevent motor overload
 - The push rod is made of stainless steel with a surface anti-corrosion treatment, suitable for long-term wet rings.Only requires less maintenance and maintenance costs
 - More than 30,000 launches and pullback tests
 - The motor locks up to 3000N after closing
 - Strong push-pull force, up to 3000N for heavy window opening

技术参数

technical parameter

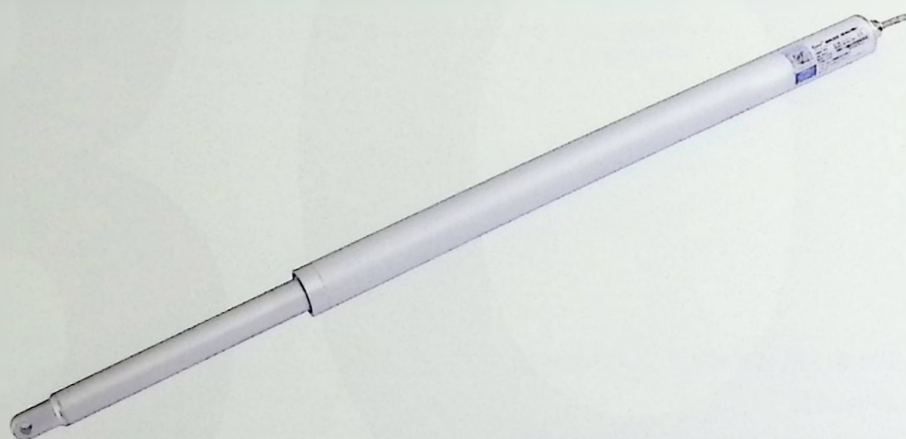
推力拉力Force (N) : 3000	机械锁紧功能Mechanical Locking : ✓
锁紧力Locking Force (N) : 3000	运行速度Speed (mm/s) : 5
行程长度Stroke (Mm) : 100~1000 (定制)	多点锁联动Multi-point Lock Linkage : ✓ (选配)
输出方式Output Mode : 推杆	最大窗宽Max Width (m) : 1.5
直流电机DC motor : ✓	最小窗宽Minimum Width (m) : 0.5
单控开关功能Wire Switch : ✓ (选配)	额定电压Voltage Supply (V) : DC24
电动推拉功能Electric Push Pull : ✓	额定电流Current absorption (A) : 2.0
过载保护功能Overload Protection : ✓	额定功率Power (w) : 48
内置同步功能Internal Synchronization : ✓ (选配)	防护等级Protection Class (IP) : 65
消防联动/日常通风两级控制Fire-fighting linkage/daily ventilation two-level control : ✓	

版权所有 侵权必究

轻型推杆式电动开窗器

MODEL: BPTS

Light Push Rod Type Electric
Window Opener



应用工程项目

Application engineering project



Ace arc design software production base
艾斯弧设计软件生产基地



Hangzhou Normal University Cangqian Campus Gymnasium
杭州师范大学仓前校区体育馆



Tonglu Planning Exhibition Hall
桐庐规划展示馆

特点

Characteristics

- 精巧的外形设计, 全铝合金外壳, 具有低能耗、免维护的特点
 - 超负荷过载保护, 防止电机过载
 - 推杆采用表面防腐处理的铝合金材料 (或选配不锈钢) 制成, 适合长期潮湿的环境, 只需要较少的维护及保养成本
 - 大于30000次推出与拉回测试
 - 关闭后电机锁紧力达3000N
 - 推拉力强劲, 最大可输出1000N
- Compact shape design, all-aluminum alloy casing, low energy consumption, maintenance-free
 - Overload overload protection to prevent motor overload
 - The putter is made of aluminum alloy with surface anti-corrosion treatment (or optional stainless steel). Suitable for long-term wet environments, requiring less maintenance and maintenance costs
 - More than 30,000 launches and pullback tests
 - The motor locks up to 3000N after closing
 - Strong push and pull force, the maximum output is 1000N

技术参数

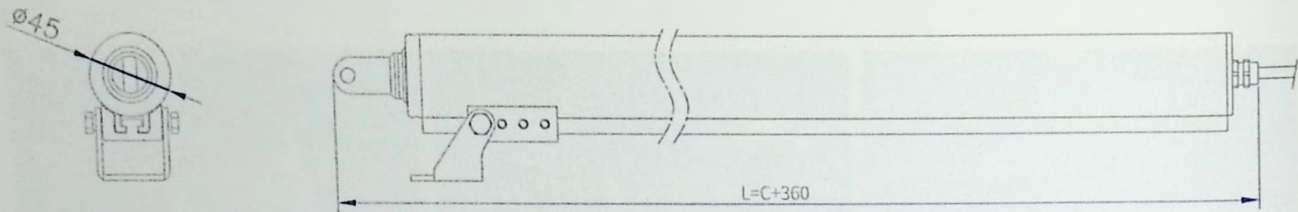
technical parameter

推力拉力Force (N) : 1000	机械锁紧功能Mechanical Locking : ✓
锁紧力Locking Force (N) : 3000	运行速度Speed (mm/s) : 8
行程长度Stroke (Mm) : 100~600 (定制)	多点锁联动Multi-point Lock Linkage : ✓ (选配)
输出方式Output Mode : 推杆	最大窗宽Max Width (m) : 1.5
直流电机DC motor : ✓	最小窗宽Minimum Width (m) : 0.5
单控开关功能Wire Switch : ✓ (选配)	额定电压Voltage Supply (V) : DC24
电动推拉功能Electric Push Pull : ✓	额定电流Current absorption (A) : 1.2
过载保护功能Overload Protection : ✓	额定功率Power (w) : 28.8
内置同步功能Internal Synchronization : ✓ (选配)	防护等级Protection Class (IP) : 65
消防联动/日常通风两级控制Fire-fighting linkage/daily ventilation two-level control : ✓	

版权所有 侵权必究

BPTY/BPTW系列尺寸规格 (24V/DC)

BPTY/BPTW series size specifications (24V/DC)



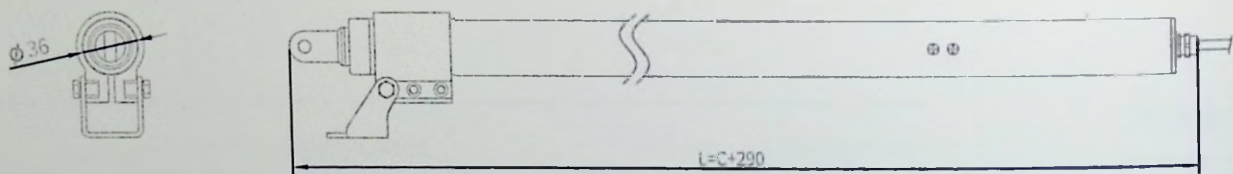
开启行程与机身长度对照表：

Open the stroke and body length comparison table:

开启行程 OPEN STROKE C(mm)	300	400	500	600	750	900	1000
机身长度 BODY LENGTH L(mm)	660	760	860	960	1110	1260	1360

BPTS系列尺寸规格 (24V/DC)

BPTS series size specifications (24V/DC)



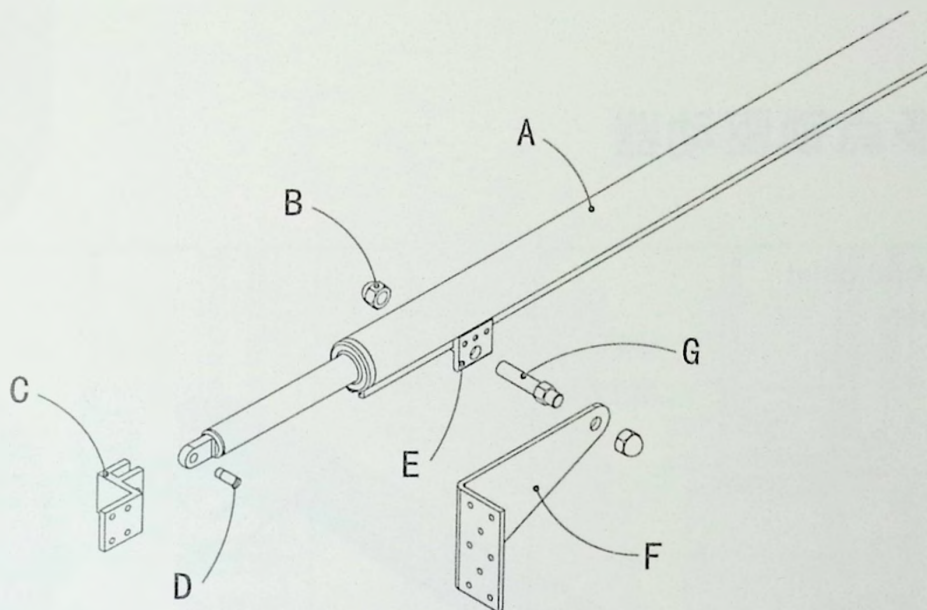
开启行程与机身长度对照表：

Open the stroke and body length comparison table:

开启行程 OPEN STROKE C(mm)	100	200	300	400	500	600
机身长度 BODY LENGTH L(mm)	390	490	590	690	790	890

部件组成

Component composition



A. 推杆式消防电动开窗机
A. Push Rod Type Electric Window Opener

B. 螺帽
B. Screw Cap

C. 窗扇连接件
C. Window Sash Connector

D. 连接销
D. Connecting Pin

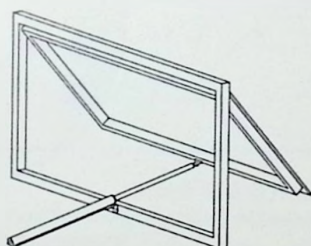
E. 滑块
E. Slider

F. 固定支架
F. Fixing Bracket

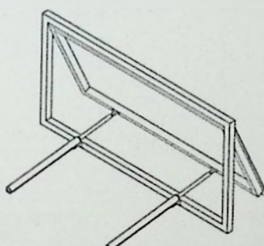
G. 螺杆
G. Screw Stem

适用窗型安装示意图

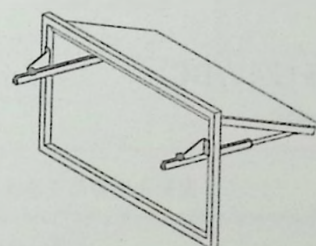
Window opening installation node diagram for window installation diagram



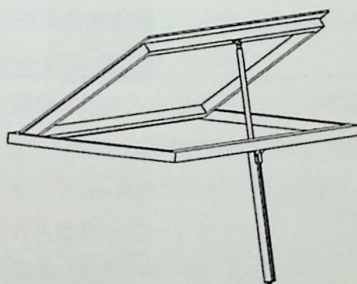
单推杆上悬窗
Single Push Rod Top Hung Outward Opening



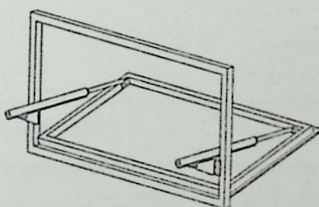
双推杆上悬窗
Double Push Rods Top Hung Outward Opening



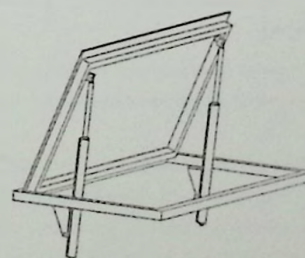
双推杆大角度上悬窗
Double Push Rods Top Hung Outward Opening (Large Angle)



单推杆天窗
Single Push Rod Skylight



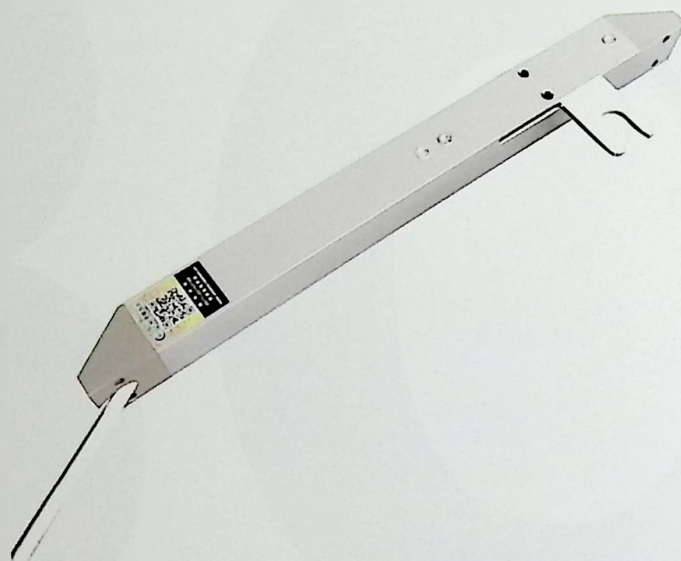
双推杆下悬外倒窗
Double Push Rods Bottom Hung Outward Opening



双推杆天窗
Double Push Rods Skylight Window

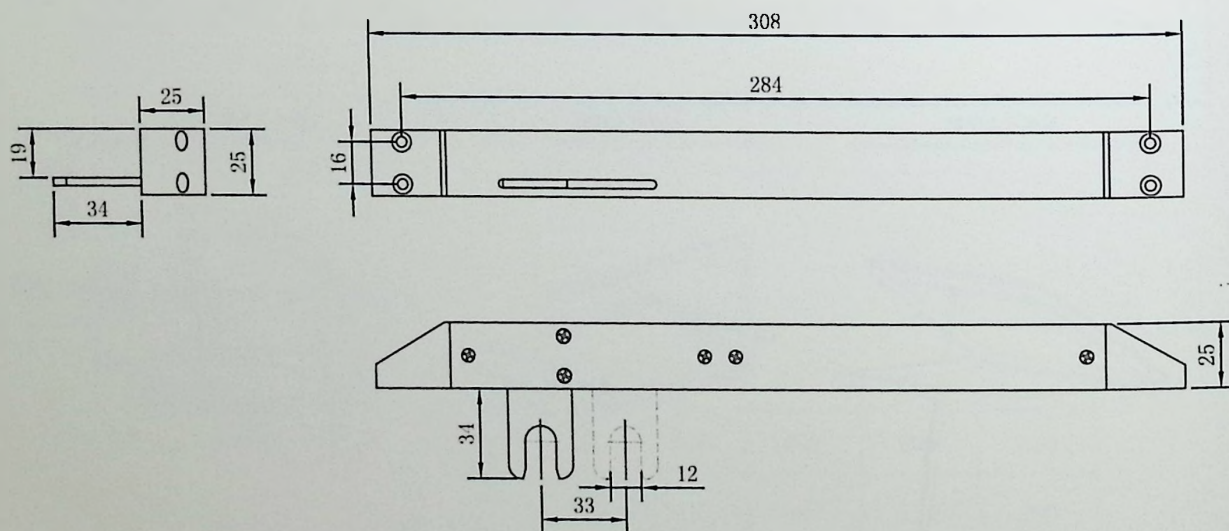
电动多点锁驱动器

Electric Multi-point
Lock Driver



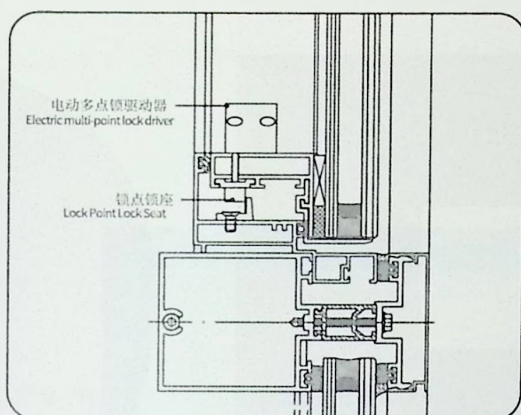
尺寸规格 (24V/DC)

The dimensions(24V/DC)

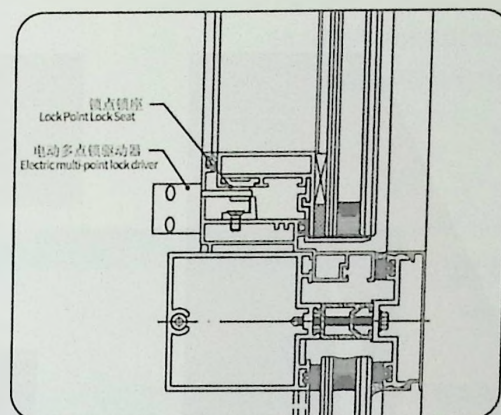


安装节点图

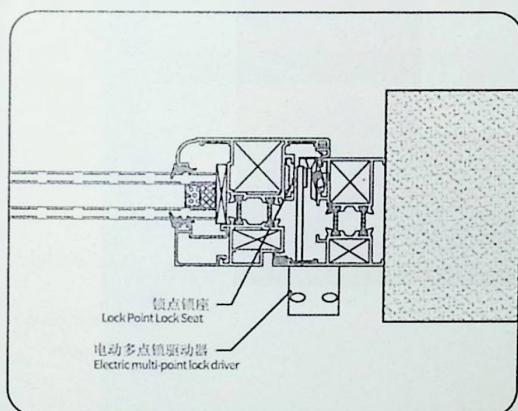
Installation node diagram



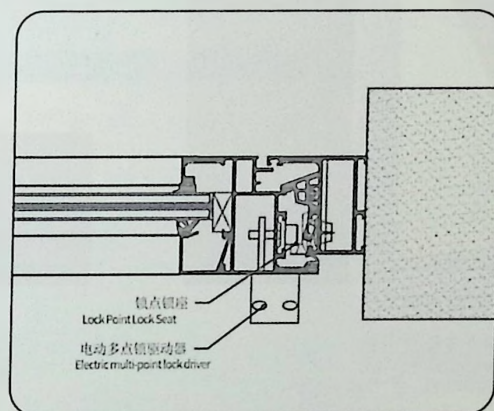
安装于幕墙开启窗扇
Installed on the curtain wall open sash



安装于幕墙窗框
Installed on curtain wall window frame



安装于铝合金外开窗
Installed on aluminum alloy outward opening window



安装于铝合金内开窗
Installed on aluminum alloy inward opening window

特点

Characteristics

- 配合电动开窗器使用, 用于驱动多点锁系统
- 适用多种窗型, 可内开, 可外开
- 开窗时驱动器先将多点锁打开, 2秒内开窗器开始执行开窗动作; 关窗时开窗器先将窗户关闭并停止动作, 驱动器检测到开窗器电机已关闭, 驱动器开始工作, 带动多点锁将窗户锁紧, 增强窗体的气密性
- 推拉力强劲, 最大可输出600N

- Used with electric window drive for driving multi-point lock system
- Applicable to a variety of window types, can be opened inside, can be opened outside
- When the window is opened, the drive first opens the multi-point lock. Within 2 seconds, the window opener starts to perform the window opening action; when the window is closed, the window opener first closes the window and stops the action. The drive detects that the window opener motor is turned off and the drive starts. Work, drive multi-point lock to lock the window, enhance the air tightness of the window
- Strong push and pull force, maximum output 600N

智能垂直提升窗

Intelligent Vertical
Lifting Window

产品说明

Product Description

智能垂直提升窗是上端开启扇垂直启闭,内扇通过轨道向室内滑动,并在开启范围内任意停止,窗户开启后内扇与外扇同一平面形成扶栏。

The intelligent vertical lifting window is the vertical opening and closing of the upper opening leaf. The inner leaf slides indoors through the track and stops arbitrarily within the opening range. After the window is opened, the inner leaf and the outer leaf form a handrail on the same plane.

特点

Characteristics

- 智能化开启关闭,连接智能家居,可手机远程控制
- 内扇通过轨道朝室内关闭,保证安全性
- 开启后内扇与外扇同一平面,美观舒适
- 大面积的开启,空气流动性好
- 仅横向一根中庭,透光性好

- Intelligent on / off, connected to smart home, remote control by mobile phone
- The inner fan is closed indoors through the track to ensure safety
- After opening, the inner fan and the outer fan are on the same plane, beautiful and comfortable
- Large area opening, good air fluidity
- Only one horizontal atrium, with good light transmission

场景效果图

Scene Rendering



手摇大链式开窗器

MODEL: BPLY

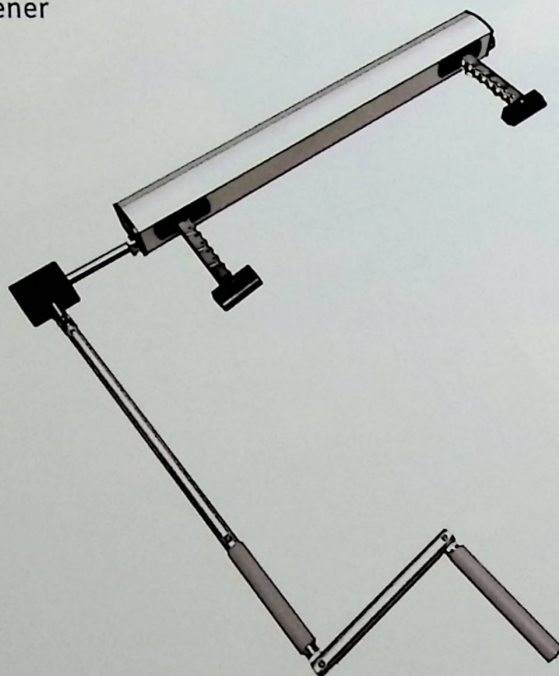
Hand Operated Big Chain
Window Opener



手摇大链双链式开窗器

MODEL: BPDY

Hand Operated Large Double Chain
Window Opener



应用工程项目

Application engineering project



Yiwu LIANLI Center
义乌联利中心



Community 6, Binjiang Changhe Street
滨江长河街道六社区



Hangzhou Vanke zijinrui Valley
杭州万科紫金谷

特点

Characteristics

- 精巧的外形设计, 全铝合金外壳, 具有低能耗、免维护的特点
- 开窗器链条支撑稳固
- 整体机械传动, 安装方便, 可靠耐用
- 根据窗户大小而定, 一般可连接1~4樘窗户
- 开窗器具有可靠自锁功能
- 选配可脱卸式手摇杆, 节省空间
- Compact shape design, all-aluminum alloy casing, low energy consumption, maintenance-free
- Window stabilizer chain support
- Overall mechanical transmission, easy to install, reliable and durable
- Depending on the size of the window, it is generally possible to connect 1-4 fans windows
- The window drive has a reliable self-locking function
- Optional removable joystick saves space

技术参数

technical parameter

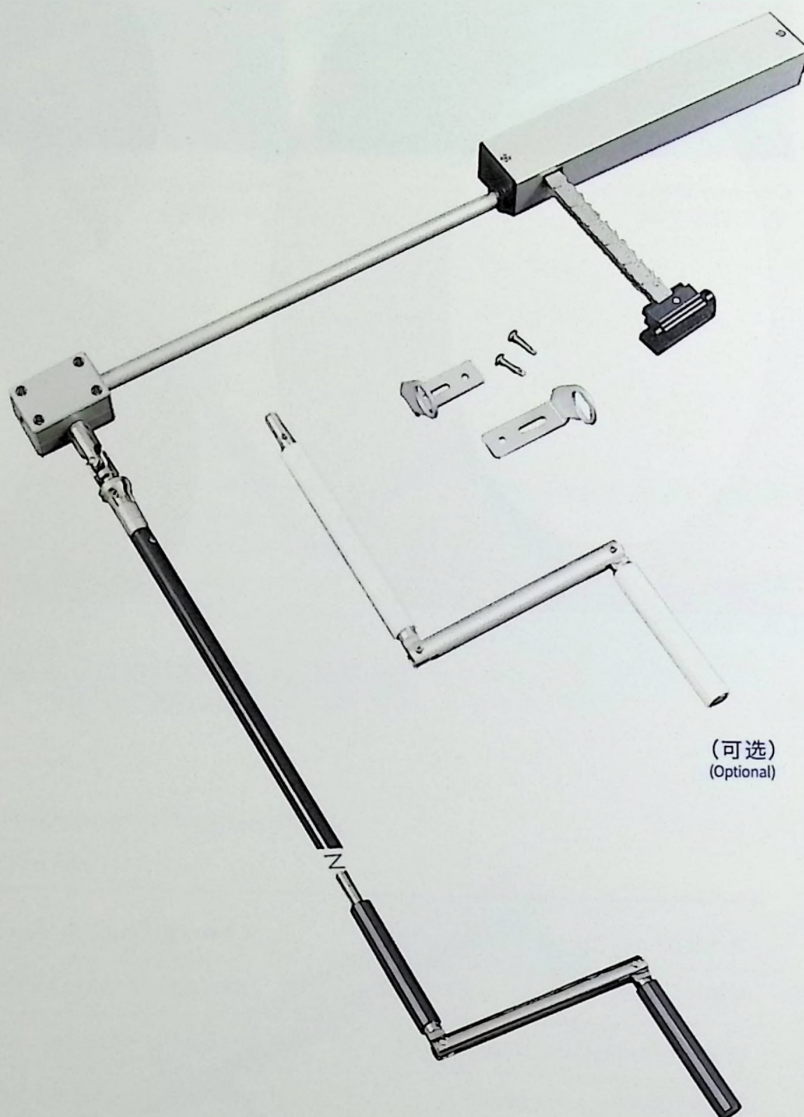
推力拉力Force (N) : 200~500	多窗联动功能Multi Window Linkage : √ (选配)
锁紧力Locking Force (N) : 2000	联动数量The Linkage Number (扇) : 3
行程长度Stroke (Mm) : 100~1000 (定制)	最大窗宽Max Width (m) : 1.5
手摇推拉功能Hand Push Pull : √	最小窗宽Minimum Width (m) : 0.5
摇杆脱卸功能Rocker Dismountable : √ (选配)	转数Circle The Number (R) : 1.5
机械锁紧功能Mechanical Locking : √	适用高度Applicable Height (M) : 1.5~4 (选配)

慧特智能家居设备有限公司

手摇链式开窗器

MODEL: BPLH

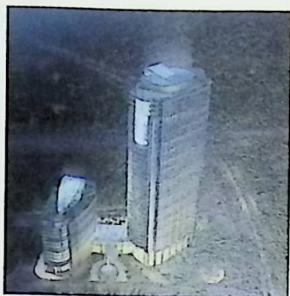
Hand Operated Chain
Window Opener



(可选)
(Optional)

应用工程项目

Application engineering project



Zheng Kenod Fortune Center
正凯诺德财富中心



Ramada Plaza Huzhou Nanxun
湖州南浔华美达广场酒店



Zhefu Science and Technology Park
浙富科技园

特点

Characteristics

- 精巧的外形设计, 全铝合金外壳, 具有低能耗、免维护的特点
- 整体机械传动, 安装方便, 可靠耐用
- 根据窗户大小而定, 一般可连接1~4樘窗户
- 开窗器具有可靠自锁功能
- 选配可拆卸式手摇杆, 节省空间

- Compact shape design, all-aluminum alloy casing, low energy consumption, maintenance-free
- Overall mechanical transmission, easy to install, reliable and durable
- Depending on the size of the window, it is generally possible to connect 1~4 fans windows
- The window drive has a reliable self-locking function
- Optional removable joystick saves space

技术参数

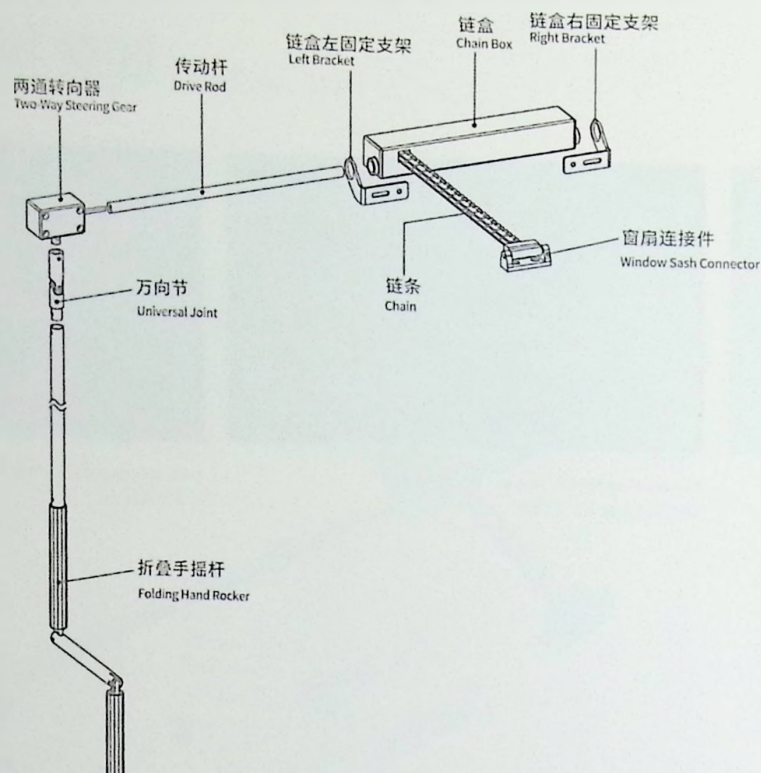
technical parameter

推力拉力Force (N) : 200~500	多窗联动功能Multi Window Linkage : √ (选配)
锁紧力Locking Force (N) : 2000	联动数量The Linkage Number (扇) : 3
行程长度Stroke (Mm) : 100~1000 (定制)	最大窗宽Max Width (m) : 1.5
手摇推拉功能Hand Push Pull : √	最小窗宽Minimum Width (m) : 0.5
摇杆拆卸功能Rocker Dismountable : √ (选配)	转数Circle The Number (R) : 1.5
机械锁紧功能Mechanical Locking : √	适用高度Applicable Height (M) : 1.5~4 (选配)

版权所有 杭州华达机械有限公司

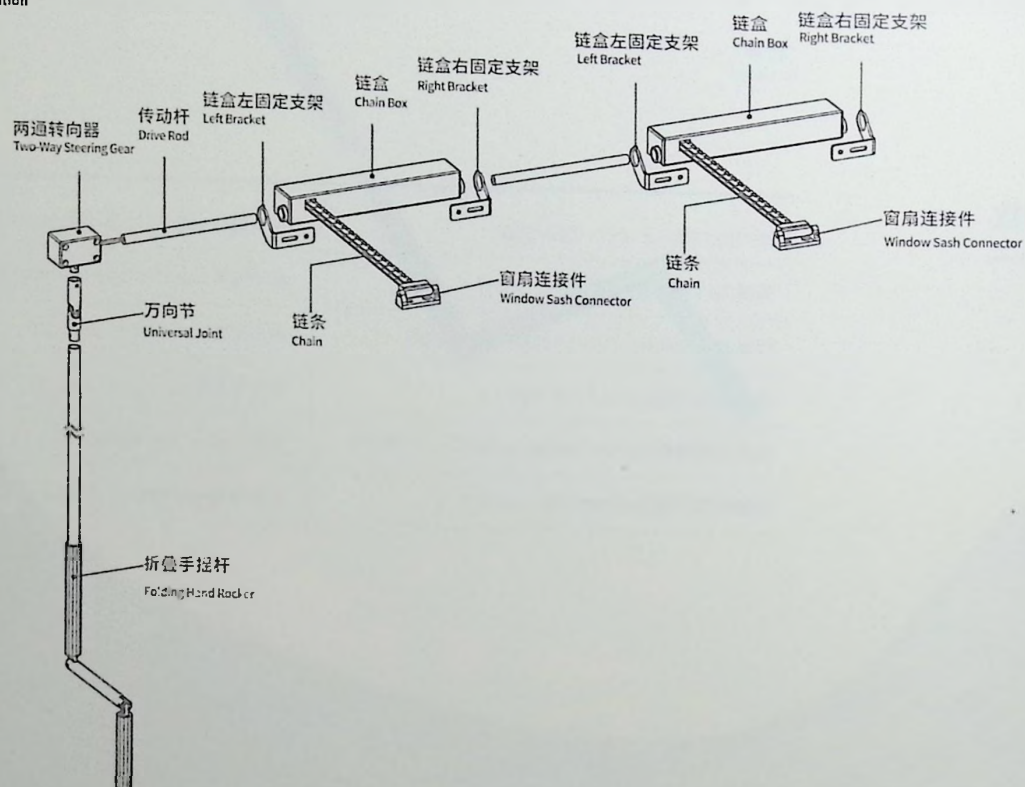
一拖一部件组成

Component composition



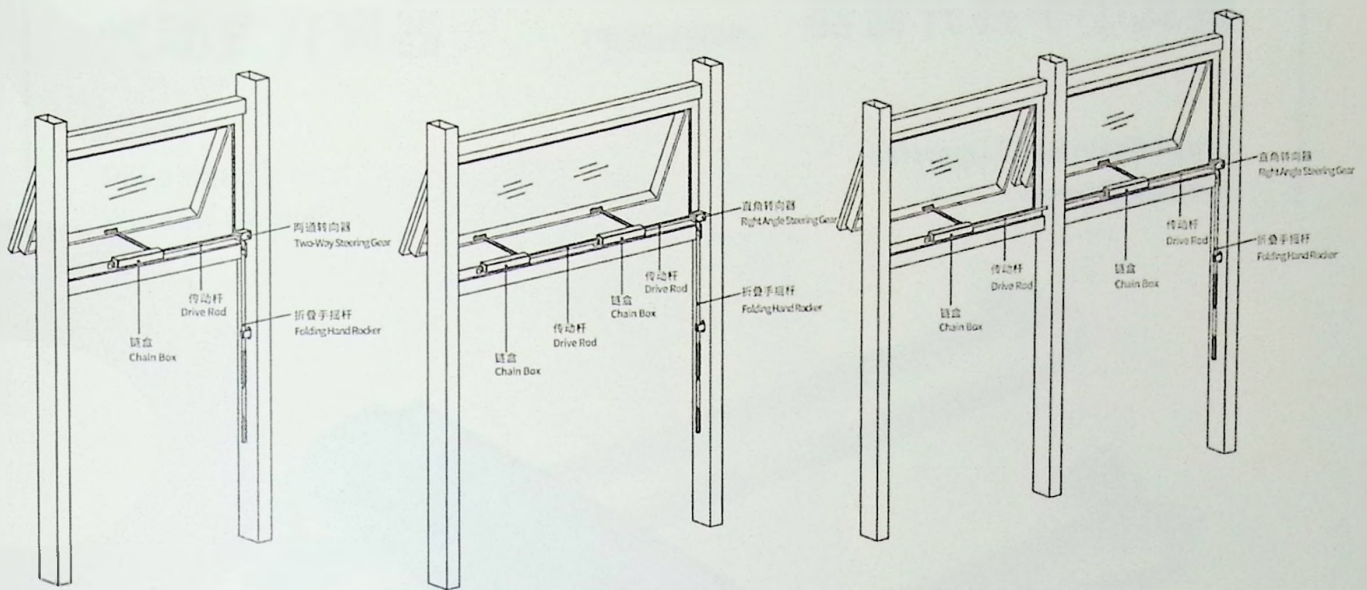
一拖二部件组成

Component composition



适用窗型安装示意图

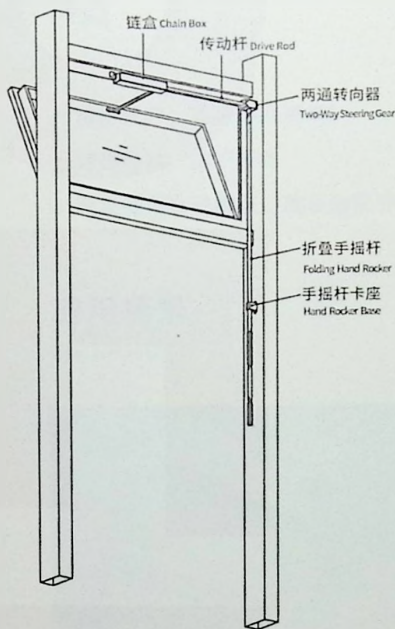
Window opening installation node diagram for window installation diagram



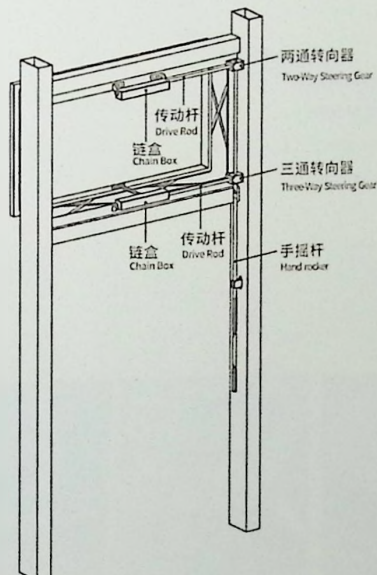
手摇链式上悬开启窗
Hand Operated Chain Window Opener
Top Hung Outward Opening

双链式手摇上悬开启窗
Hand Operated Large Double Chain Window
Opener Top Hung Outward Opening

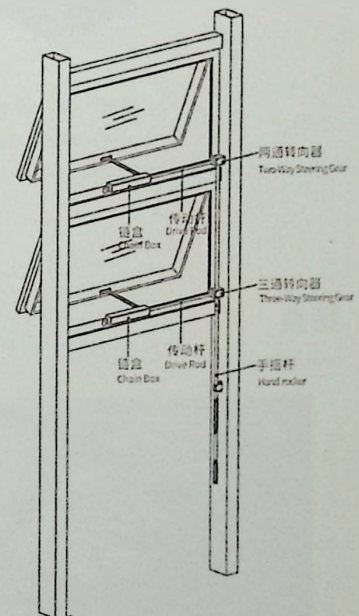
横向一拖二手摇链式上悬开启窗
Horizontal One Drag Two Hand Operated Chain
Window Opener Top Hung Outward Opening



手摇链式下悬外倒窗
Hand Operated Chain Window Opener
Bottom Hung Outward Opening



手摇链式平推开启窗
Hand Operated Chain Window Opener
Flat Push Window

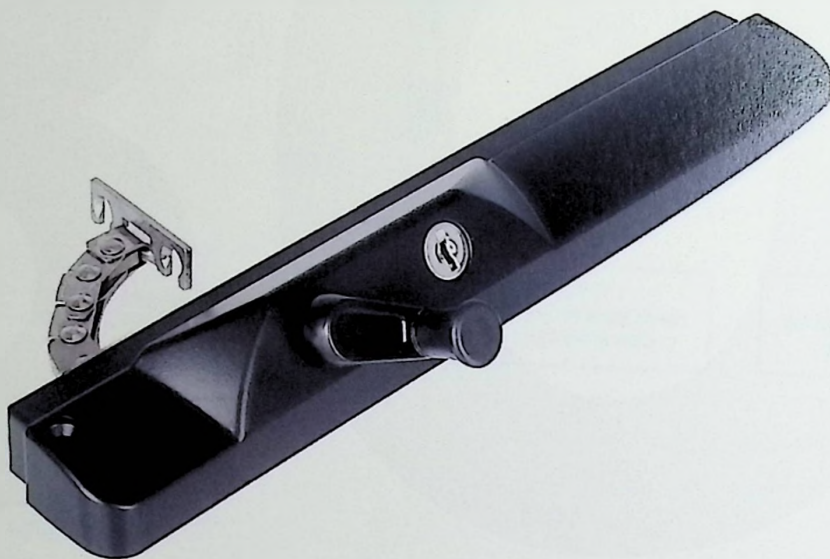


竖向一拖二手摇链式上悬开启窗
Vertical One Drag Two Hand Operated Chain
Window Opener Top Hung Outward Opening

链式小手摇开窗器

MODEL:BP-AH

Small Chain Hand Operated
Window Opener



特点

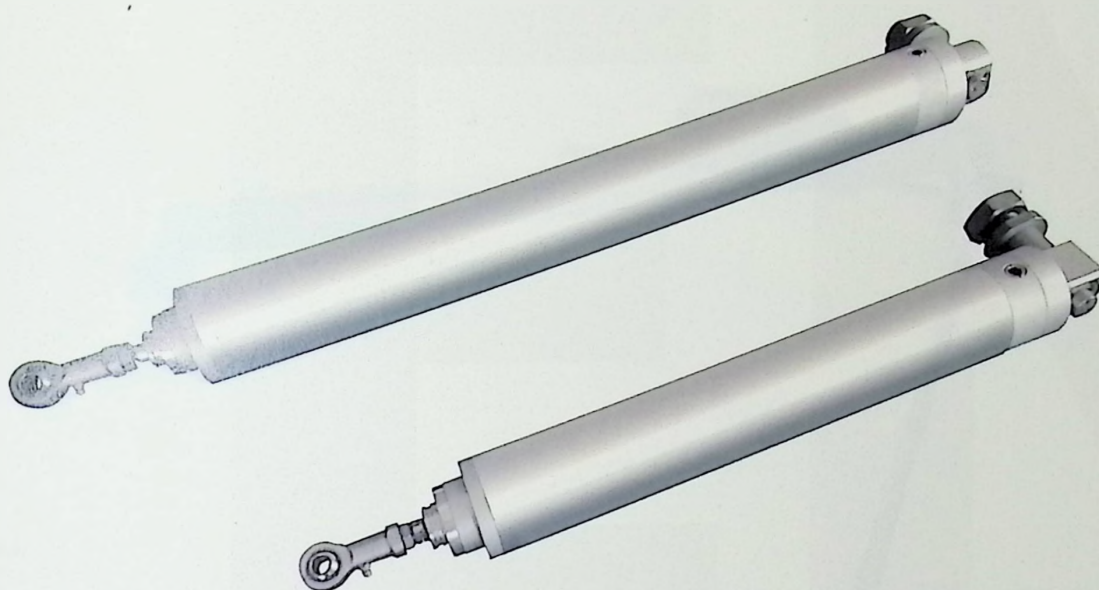
Characteristics

- 独特的手摇设计, 轻松省力开启
- 精美的外观, 手柄经久耐用
- 可自行调节行程, 随开随停
- 带安全锁功能
- 有带锁和不带锁两种产品
- unique hand design, easy to open labor-saving
- exquisite appearance, handle durable
- can be self-adjusting stroke, with open with stop
- with safety lock function
- There are two kinds of products with and without locks

气动式开窗器

MODEL:BPAP

Pneumatic
Window Opener



特点

Characteristics

- 适用性广，外观精致美观
- 结构可靠，维护简单
- 开窗器开启速度快，满足消防开启要求
- wide applicability, exquisite appearance
- reliable structure, simple maintenance
- window opener open speed, to meet the requirements of fire opening

应用场景

Application scenarios



手摇摆臂式开窗器

MODEL: BPBH

Hand Swing Arm Type
Window Opener



特点

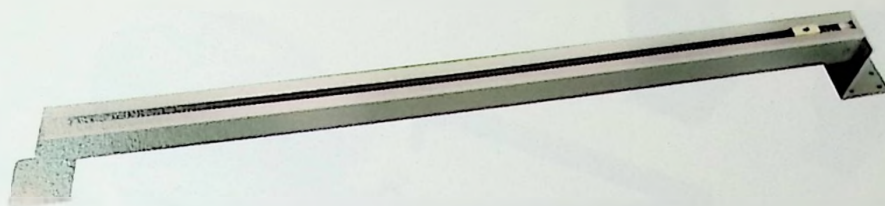
Characteristics

- 适用于平开窗开启，快速省力开启
- 结构简单可靠，支撑效果好
- Suitable for opening casement windows, quick and labor-saving opening
- Simple and reliable structure, good support effect

手摇滑臂式开窗器

MODEL BP-HB

Hand Sliding Arm Type
Window Opener



特点

Characteristics

- 应用于大窗高排烟窗70度开启
- 开启省力，灵活轻便
- 独有专利产品设计，结构可靠牢固
- Applied to large windows and high smoke windows with 70 degree opening
- Effortless opening, flexible and lightweight
- Unique patented product design, reliable and firm structure

应用场景

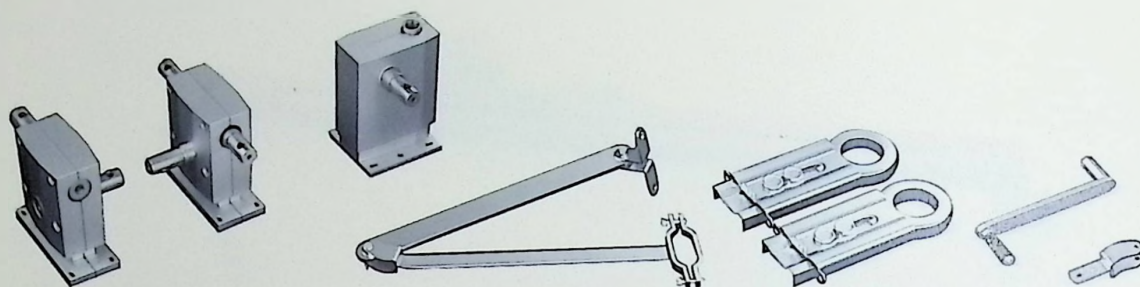
Application scenarios



手摇曲臂式开窗器

MODEL:BP-HQB

Hand Crank Arm Type
Window Opener



特点

Characteristics

- 铝合金压铸，电镀工艺，经久耐用，不易生锈
- 推拉力强，运行流畅，可多扇联动开启
- 配件多种规格，适用性广，安装方便
- Aluminum alloy die-casting, electroplating process, durable, not easy to rust
- Strong push-pull force, smooth operation, and multi-fan linkage can be opened
- Various specifications of accessories, wide applicability and easy installation

应用场景

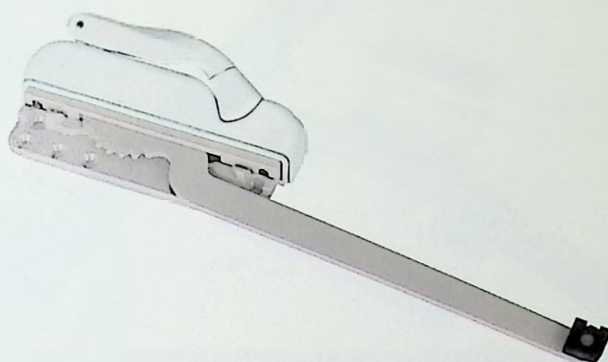
Application scenarios



美式手摇开窗器

MODEL BP-MH

American Style Hand-operated
Window Opener



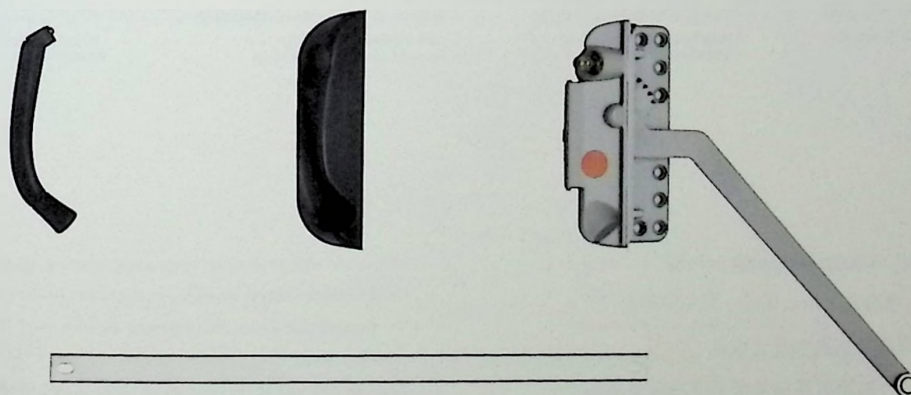
特点

Characteristics

- 独特的手摇设计，轻松省力开启
- 精美的外观，手柄经久耐用
- 适合于平开窗开启，随开随停
- 机械结构稳定，支撑性强
- 1. Unique hand-crank design, easy and labor-saving to open
- 2. Exquisite appearance, durable handle
- 3. It is suitable for opening the casement window, and it can be opened and stopped at any time.
- 4. Stable mechanical structure and strong support

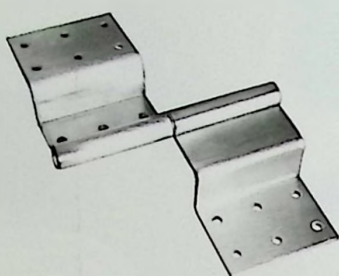
配件组成

Accessories

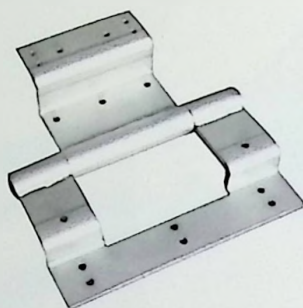


幕墙定制不锈钢合页

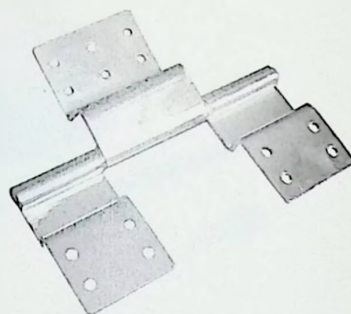
Curtain Wall Custom
Stainless Steel Hinge



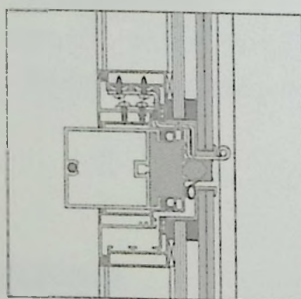
两翼合页
Two-Wing Hinge



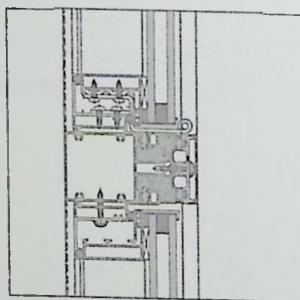
三翼连体合页
Three-Wing One-piece Hinge



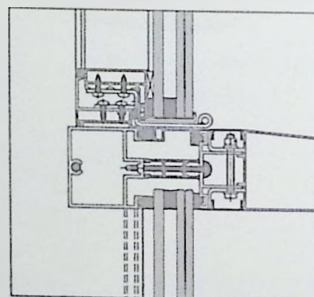
三翼分体合页
Three-Wing Split Hinge



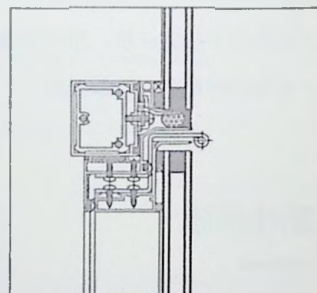
夹胶中空三玻隐框幕墙窗合页
Laminated Hollow Triple Glass Hidden Frame
Curtain Wall Window Hinge



中空双玻明框幕墙窗合页
Hollow Double Glass Clear Frame
Curtain Wall Window Hinge



夹胶中空三玻明框幕墙窗合页
Laminated Hollow Triple Glass Clear
Frame Curtain Wall Window Hinge



中空双玻隐框幕墙窗合页
Hollow Double Glass Hidden Frame
Curtain Wall Window Hinge

特点

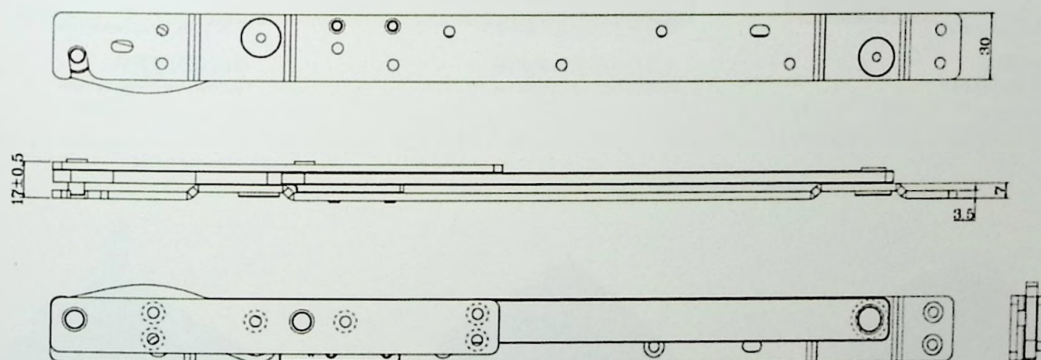
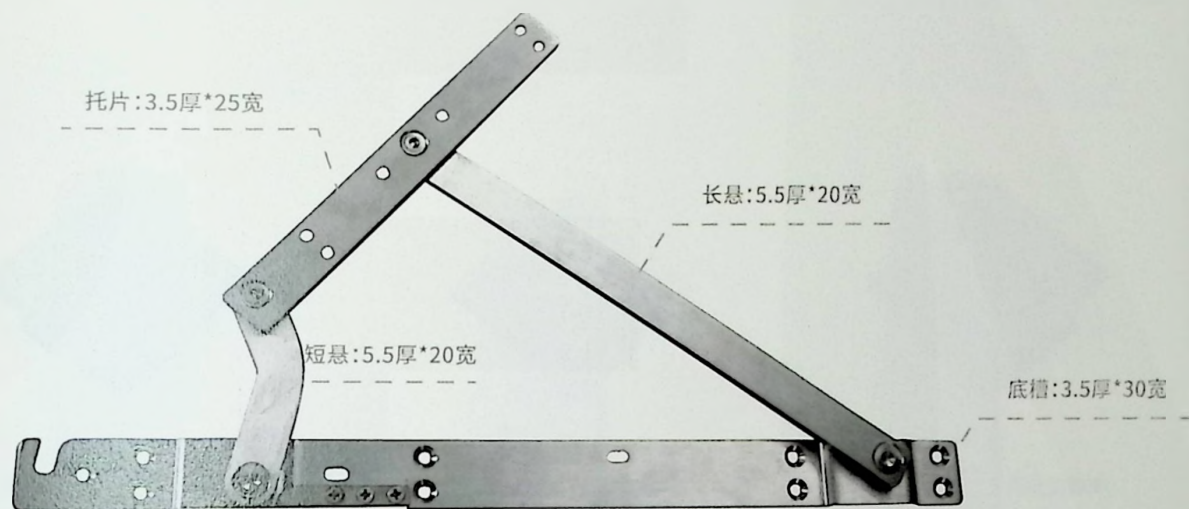
Characteristics

- 用于大角度开启的幕墙窗, 开启角度 $>70^\circ$
- 304不锈钢材质, 厚度有3mm、4mm、5mm可选
- 定制产品, 不同幕墙窗结构按尺寸定做
- 承重50~200kg, 可根据窗宽窗重情况增加合页数量
加大承重参数
- 建议每500mm宽放置1支合页

- Curtain wall window for large angle opening, opening angle $>70^\circ$
- 304 stainless steel, available in thickness 3mm, 4mm, 5mm
- Customized products, different curtain wall window structures are customized by size
- Load capacity 50-200kg, can increase the number of hinges according to the window width window increase load bearing parameters
- It is recommended to place 1 hinge per 500mm wide

重型铰链

Heavy Duty Hinge



特点

Characteristics

- 最大开启角度80度
- 产品分左右
- 最大承重100KG/对
- 此产品开启角度大, 适用于大角度开启的消防排烟幕墙窗
- 适用窗型: 上悬窗、下悬窗、平开窗
- Maximum opening angle of 80 degrees
- Left to right for a set
- Maximum load capacity 100KG/pair
- This product has a large opening angle and is suitable for fire curtain windows with large angles.
- Applicable window type: upper hanging window, lower hanging window, casement window

配件

Accessories



按键变压开关

Button Transformer Switch

型号 Model : BP-ACDCJXB-24/48/72W

输入电压 Input Voltage : 220V AC

输出电压 Output Voltage : 24V DC

安装方式 Installation Method :

与86盒配合安装
Cooperate With 86 Box To Install



薄壁触屏开关

Thin Touch Screen Switch

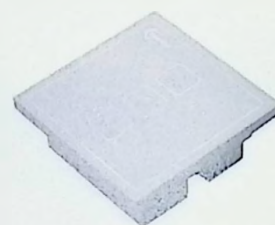
型号 Model : BP-YG

输入电压 Input Voltage : 24V DC

输出电压 Output Voltage : 24V DC

安装方式 Installation Method :

立柱打 $\phi 20$ 孔贴壁安装
Install It With 20 Holes On The Column



触屏开关(内置遥控模块)

Touch Screen Switch (Built-in Remote Control Module)

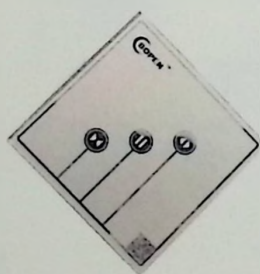
型号 Model : BP-ACDC/B-24W/48W

输入电压 Input Voltage : 220V AC

输出电压 Output Voltage : 24V DC

安装方式 Installation Method :

与86盒配合安装
Cooperate With 86 Box To Install



触屏开关(手机APP智能控制)

Touch Screen Switch (Mobile APP Intelligent Control)

型号 Model : BP-ACDC/B-24W/48W

输入电压 Input Voltage : 220V AC

输出电压 Output Voltage : 24V DC

安装方式 Installation Method :

与86盒配合安装
Cooperate With 86 Box To Install



触屏无线开关

Touch Screen Wireless Switch

型号 Model : BPBS-SC866

电压 Voltage : 5V DC

安装方式 Installation Method :

贴壁安装
Wall Installation



机械开关

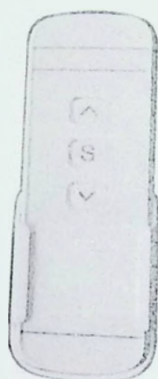
Mechanical Switch

型号 Model : BP-JX

电压 Voltage : 24V DC

安装方式 Installation Method :

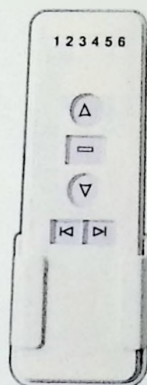
与86盒配合使用
Cooperate With 86 Box To Install



单屏遥控器

Single Frequency Remote Control

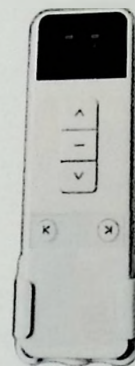
型号 Model: BP-BS-HB24G-1



六屏遥控器

Six Frequency Remote

型号 Model: BP-BS-HB24G-6



双屏遥控器

Double Frequency Remote Control

型号 Model: BP-BS-HB24G-2



风雨感应器

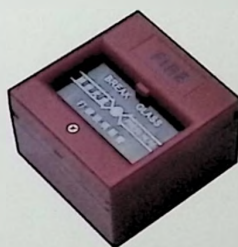
Wind & Rain Sensor

型号 Model: BP-WRI/C

电压 Voltage: 5V DC

安装方式 Installation Method:

贴壁安装
Wall Installation



消防紧急按钮

Fire Emergency Button

型号 Model: BP-FB

电压 Voltage: 5V DC

安装方式 Installation Method:

贴壁安装
Wall Installation



烟雾感应器

Smoke Sensor

型号 Model: BP-SR

电压 Voltage: 5V DC

安装方式 Installation Method:

贴壁安装
Wall Installation

国内部分合作伙伴

SOME DOMESTIC PARTNERS

(排名不分先后)



恒大地产集团
EVERGRANDE REAL ESTATE GROUP

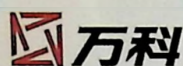


碧桂园
EVERGREEN GARDEN



万达集团
WANDA GROUP

YASHA
亚厦幕墙



万科
让建筑赞美生命



新城地产
FUTURE LAND



绿城集团
GREENTOWN



绿地集团
Greenland Group



中南置地
ZOINA LAND
美好就现在

ZIAC
浙江省建筑设计研究院



银泰置地
YINTAI LAND



中国铁建



新世界中国地产
New World China Land



中建地产

FORTE 复地



中南建筑设计院股份有限公司
CENTRAL-SOUTH ARCHITECTURAL DESIGN INSTITUTE CO., LTD.



清华大学
建筑设计研究院



浙江建工



中建不二幕墙装饰有限公司
CHINA RAILWAY GROUP CURTAIN WALL DECORATION CO., LTD.



中南幕墙
ZHONGNAN CURTAIN WALL



SUNDY GROUP



宝业
BAOYE



杭州嘉赫幕墙装饰
有限公司
建筑装饰专业设计甲级
证书编号: A122010167



GOLD NUTS
金螳螂

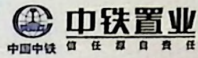


金柯幕墙
JIN KE WALL

JANGHO
江河

UAD

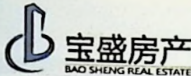
浙江大学建筑设计研究院有限公司
The Architectural Design & Research Institute of Zhejiang University Co., Ltd.



中铁置业
中国中铁 信任 源自责任



中交地产



宝盛房产
BAO SHENG REAL ESTATE

蓝光地产



中成集团
ZCG



杭萧钢构
HANGXIAO STEEL STRUCTURE



中国建筑

DoThink
德信地产

远见 你的生活



CIFI GROUP
旭辉集团

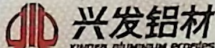
圣大
幕墙



中天集团

SHIMAO

世茂房地产



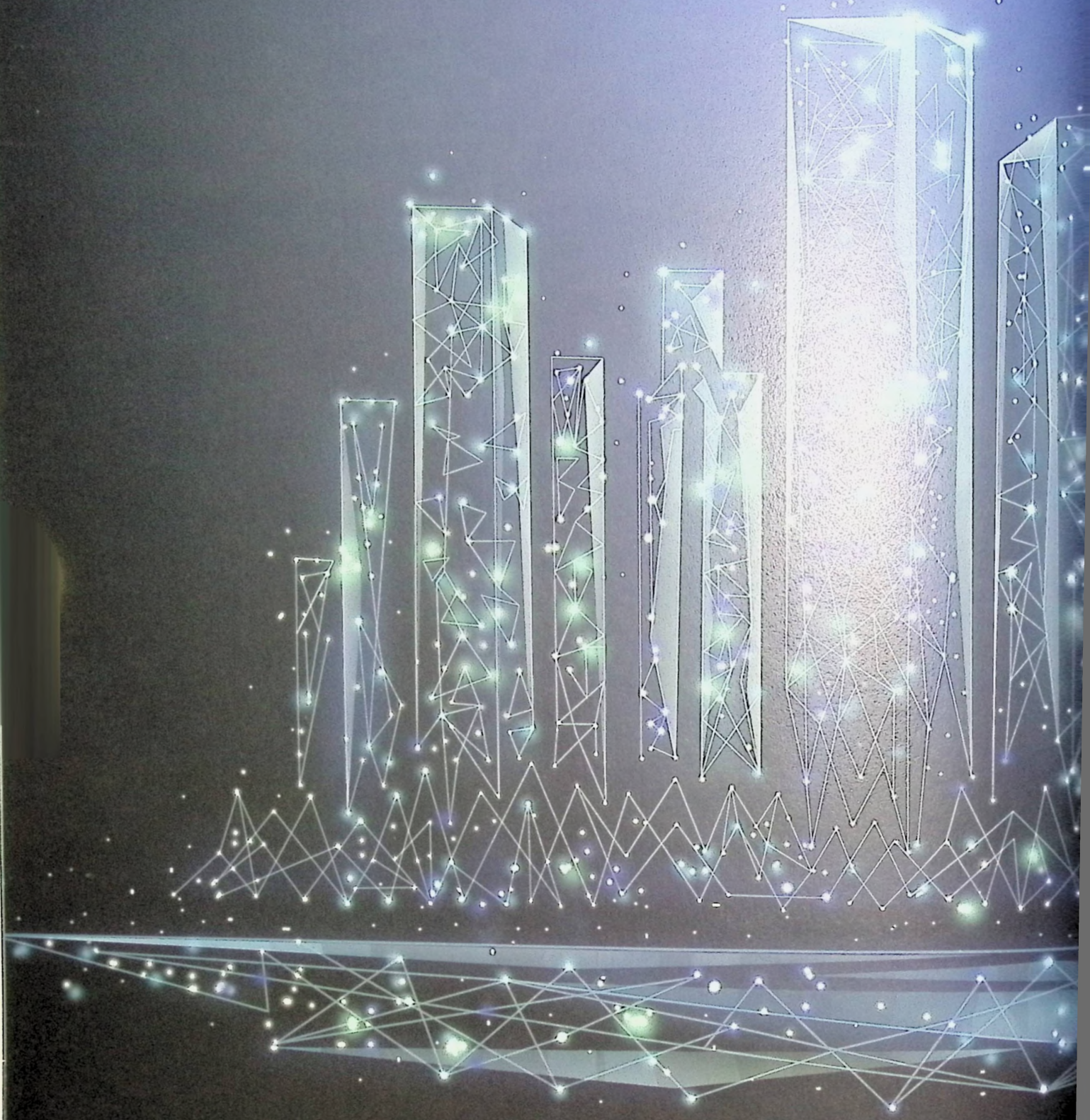
兴发铝材
XINGFA ALUMINUM PROFILES



金刚幕墙
GOLDEN CURTAIN WALL



英冠
Wrote





经典案例 CLASSIC CASE

仅展示小部分项目内容
更多项目介绍请咨询我公司客户部

项目名称

晶辉广场 (鲁班奖)

Project Name

Jinghui Square - Won the鲁班奖

项目地点 Project Location

浙江省嘉兴市 (Jiaxing)

所用产品 Products Used

BPLH手摇式开窗器





项目名称

中福广场

Project Name

Zhongfu Square

项目地点 Project Location

浙江省义乌市 (Yiwu)

所用产品 Products Used

BPLK链式电动开闭器

BPLH手拉链式开闭器







项目名称

博地中心

Project Name

Bodi Center

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLH手摇链式电动开窗器

BPLS链式电动开窗器



项目名称

宁波·绿地中心

Project Name

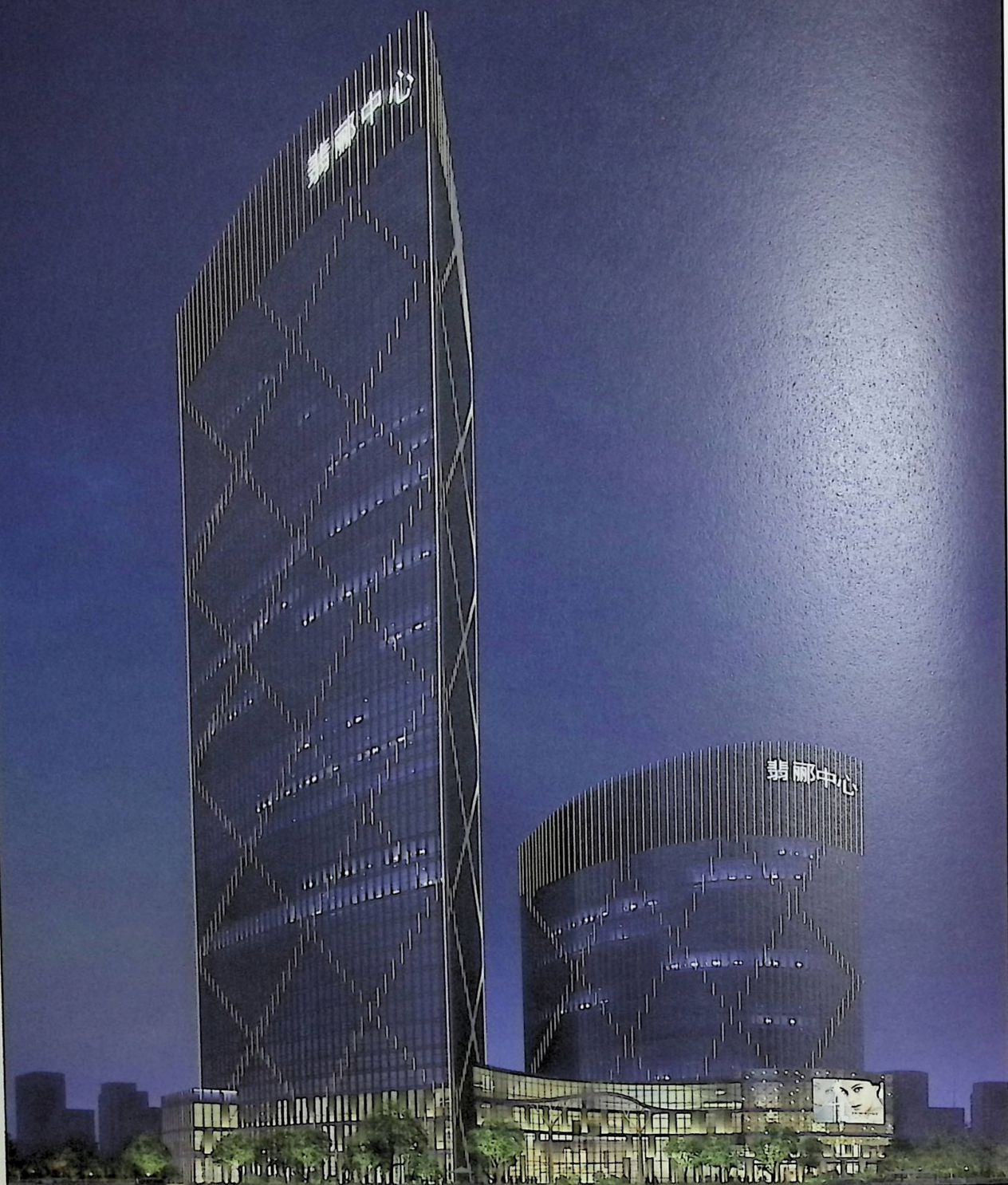
Ningbo • Greenland Center

项目地点 Project Location

浙江省宁波市 (Ningbo)

所用产品 Products Used

8PLK11式电动开闭器



项目名称

翡丽中心

Project Name

Fei Li Center

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLK链式电动开窗器



项目名称

碧桂园深蓝国际中心

Project Name

Country Garden Deep Blue International Center

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLK AC 磁式电动开关器



项目名称

浙中总部经济中心

Project Name

Zhejiang Central Headquarters Economic Center

项目地点 Project Location

浙江省金华市 (Jinhua)

所用产品 Products Used

BPLK磁式电动开窗器



项目名称

中纺时代大厦

Project Name

China Textile Times Building

项目地点 Project Location

浙江省绍兴市 (Shaoxing)

所用产品 Products Used

BPLH手摇磁式电动开窗器



项目名称

杭州万融城

Project Name

Hangzhou Wanrong City

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

SPLH手摇磁式开窗器



项目名称
江苏科技大学

Project Name
Jiangsu University of Science and Technology

项目地点 Project Location
江苏省镇江市 (Zhenjiang)

所用产品 Products Used
BPLH手摇链式开闭器
BPLK链式电动开闭器



项目名称
浙富科技园

Project Name
Zhefu Science and Technology Park

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLH手摇链式开闭器



项目名称
杭州理想银泰城

Project Name
Ideal Center

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPOK双链式电动开闭器
BPLH手摇链式开闭器



项目名称
湘江财富中心

Project Name
Xiangjiang wealth center

项目地点 Project Location
湖南省长沙市 (Changsha)

所用产品 Products Used
BPLK链式电动开闭器



项目名称

杭州电子科技大学青山湖校区

Project Name

Hangzhou University of Electronic Science and Technology
Qingshanhu Campus

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLK链式电动开器



项目名称

余杭商会大厦

Project Name

Yuhang Chamber of Commerce Building

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLH手摇链式开器



项目名称

诺德财富中心

Project Name

China Textile Times Building

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLK链式电动开器

BPLH手摇链式开器



项目名称
江西吾悦广场

Project Name
Jiangxi Wuyue Square

项目地点 Project Location
江西省上饶市 (Shangrao)

所用产品 Products Used
BPTV柜式电动机



项目名称
杭州之江文化中心

Project Name
Hangzhou Zhi Jiang Cultural Center

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLK磁式电动机

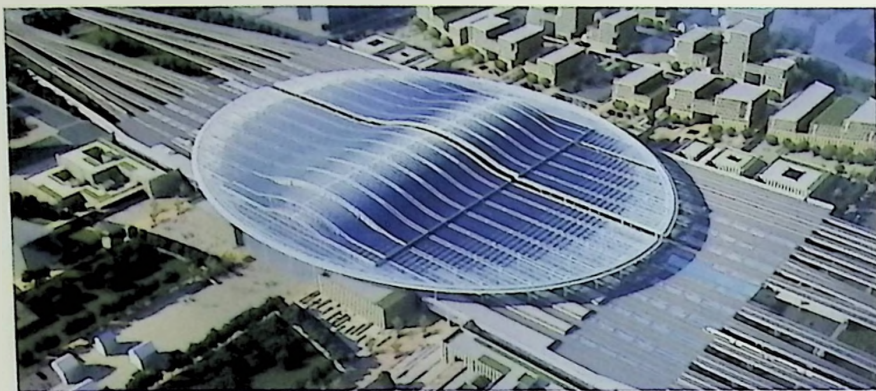


项目名称
世纪国泰中心

Project Name
Century Cathay Pacific Center

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPDK双磁式电动机



项目名称
雄安高铁站

Project Name
Xiong'an high speed railway station

项目地点 Project Location
河北省保定市 (Baoding)

所用产品 Products Used
BPTC水式电动开闭器



项目名称
泰兴万达广场

Project Name
Taixing Wanda Plaza

项目地点 Project Location
江苏省泰州市 (Jiaohua)

所用产品 Products Used
BPTY推杆式电动开闭器



项目名称
青岛凯丰国际

Project Name
Qingdao Kaifeng International

项目地点 Project Location
山东省青岛市 (Qingdao)

所用产品 Products Used
BPK链式电动开闭器



项目名称
杭州奥体游泳馆

Project Name
Hangzhou Olympic Swimming Center

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLK链式电动开窗器



项目名称
杭州奥体综合训练馆

Project Name
Hangzhou Olympic Sports comprehensive training hall

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPTV推杆式电动开窗器
BPLK链式电动开窗器



项目名称
滨江长河街道六社区

Project Name
Community 6, Binjiang Changhe Street

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLH手拉链式开窗器



项目名称
亚运曲棍球馆

Project Name
Asian Games Hockey Hall

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPTV推杆式电动开窗器



项目名称

杭州德金中心

Project Name

Hangzhou Dejin Center

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLK立式电动开闭器



项目名称

中交财富中心

Project Name

China Communications World Center

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLK立式电动开闭器



项目名称

杭州普大福地

Project Name

Hangzhou Puda blessed land

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLH手操链式开闭器



项目名称

杭州师范大学仓前校区

Project Name

Hangzhou Normal University Cangqian Campus

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLK立式电动开闭器

BPTY推杆式电动开闭器



项目名称
恒丰碧桂园·贵阳中心

Project Name
Hengfeng Country Garden Guiyang Center

项目地点 Project Location
贵州省贵阳市 (Guiyang)

所用产品 Products Used
BPLK 磁式电动开闭器



项目名称
八方城

Project Name
Bafang City

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLK 磁式电动开闭器



项目名称
富春通信厦门研究院

Project Name
Fuchun Communication Xiamen Research Institute

项目地点 Project Location
福建省厦门市 (Xiamen)

所用产品 Products Used
BPLK 磁式电动开闭器



项目名称

网络安全产品及相关软件开发基地

Project Name

Network security products and related software development base

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLK立式电动开闭器



项目名称

杭州学军中学文渊分校

Project Name

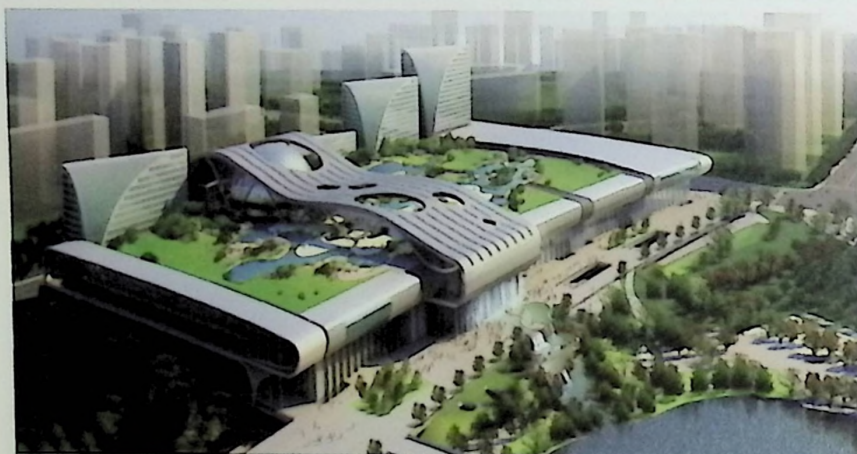
Hangzhou Xuejun Middle School Wenyuan Branch

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPTV滑杆式电动开闭器
BPLK立式电动开闭器



项目名称

杭州奥体博览城网球训练馆

Project Name

Hangzhou Olympic Sports Expo Tennis Training Center

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPTV滑杆式电动开闭器



项目名称

杭州智格股份经济合作社商业大楼

Project Name

Commercial building of Hangzhou Zhige joint stock Economic Cooperative

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLH手拉链式开闭器
BPLK立式电动开闭器



项目名称
信达中兴/杭州壹号院

Project Name
Xinda ZXC / Hangzhou No.1 Courtyard

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLA超小柱式电动开窗器



项目名称
大华1935

Project Name
Dahua 1935

项目地点 Project Location
陕西省西安市 (Xi'an)

所用产品 Products Used
BPT型材式电动开窗器



项目名称
浙江世贸智慧之门

Project Name
Zhejiang World Trade wisdom gate

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLA超小柱式电动开窗器



项目名称

杭州农发·东都城

Project Name

Hangzhou agricultural capital agricultural products circulation industrial park

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPTV螺杆式电动开窗器



项目名称

兴耀自动化控制产业研发生产基地

Project Name

Xingyao automation control industry R&D and production base

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPTV螺杆式电动开窗器



项目名称

传化国际科技园

Project Name

CHUANHUA International Science Park

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLK磁式电动开窗器

BPIY螺杆式电动开窗器



项目名称

太平金融大厦

Project Name

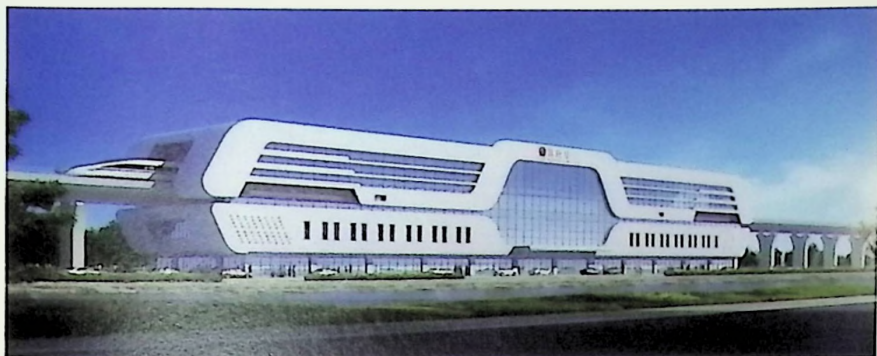
Taiping Financial Building

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BMDY手拉双磁式开窗器



项目名称
温州S1号线德政站

Project Name
Wenzhou S1 Line Deyang Station

项目地点 Project Location
浙江省温州市 (Wenzhou)

所用产品 Products Used
BPTV柱杆式电动开闭器



项目名称
港廊中心

Project Name
Gangli Center

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLK链式电动开闭器



项目名称
杭州奥体朝龙汇

Project Name
Hangzhou Olympic sports chaolonghui

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLK链式电动开闭器



项目名称
博亚时代中心

Project Name
Bolya Times Center

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLH手拉链式开窗器



项目名称
纵横通信生产基地

Project Name
Vertical and horizontal communication production base

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLK链式电动开窗器



项目名称
杭州算力小镇EPC总承包项目

Project Name
Hangzhou Server town EPC project

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLH手拉链式开窗器
BPLK链式电动开窗器



项目名称
浙水股份科技大厦

Project Name
Zhenhui Technology Building

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLH手拉链式开器



项目名称
重庆五洲实际文化创意中心

Project Name
Chongqing Wuzhou practical cultural and creative center

项目地点 Project Location
重庆市 (Chongqing)

所用产品 Products Used
BPLH手拉链式开器



项目名称
成都大悦城

Project Name
Chengdu Joy City

项目地点 Project Location
成都市 (Chengdu)

所用产品 Products Used
BFTY插杆式电动开器



项目名称
杭州鹿山一号城市综合体

Project Name
Hangzhou Lushan No. 1 urban complex

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPDK双链式电动开器



项目名称

杭州灵康国际大厦

Project Name

Hangzhou Ling Kang International Building

项目地点 Project Location

浙江省杭州市 (Zhejiang)

所用产品 Products Used

BPLK磁式电动开闭器



项目名称

义乌博物馆及美术馆

Project Name

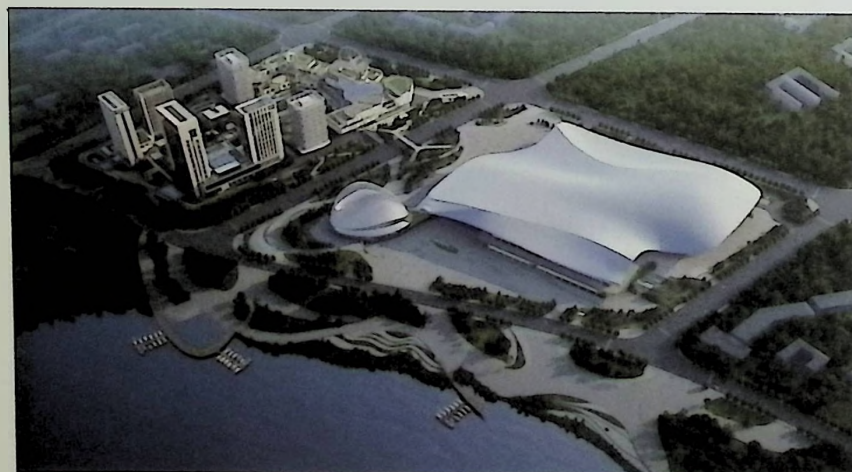
Yiwu Museum and Art Museum

项目地点 Project Location

浙江省义乌市 (Zhejiang)

所用产品 Products Used

BPTC推杆式电动开闭器



项目名称

烟台八角湾国际会展中心

Project Name

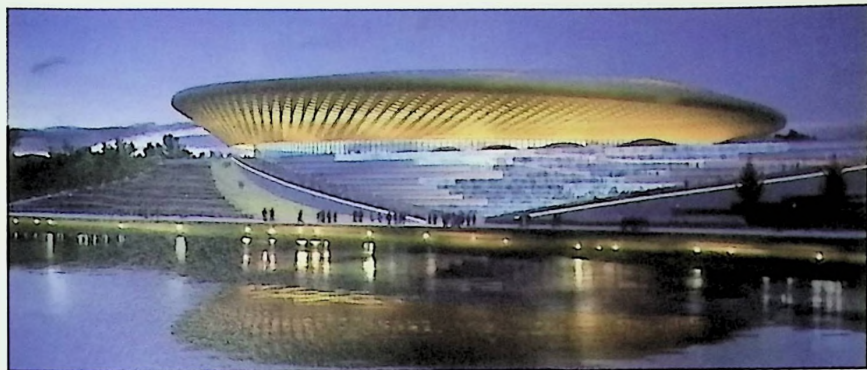
Yantai Bajiaowan International Convention and Exhibition Center

项目地点 Project Location

山东省烟台市 (Shandong)

所用产品 Products Used

BPLK磁式电动开闭器



项目名称
淮州新城国际会展中心

Project Name
Huizhou New Town International Convention and Exhibition Center

项目地点 Project Location
淮州 (Huizhou)

所用产品 Products Used
BPTV推杆式电动开闭器



项目名称
武汉长江中心

Project Name
Wuhan Yangtze River Center

项目地点 Project Location
湖北省武汉市 (Wuhan)

所用产品 Products Used
BPLA超小链式电动开闭器



项目名称
武汉东西湖文化中心

Project Name
Wuhan Dongxihu Cultural Center

项目地点 Project Location
湖北省武汉市 (Wuhan)

所用产品 Products Used
BPTV推杆式电动开闭器
BPLK链式电动开闭器



项目名称
牡丹江综合交通枢纽

Project Name
Mudanjiang comprehensive transportation hub

项目地点 Project Location
黑龙江省牡丹江 (Mudanjiang)

所用产品 Products Used
BPTV推杆式电动开闭器



项目名称
温州印象城

Project Name
Wenzhou impression city

项目地点 Project Location
浙江省温州市 (Wenzhou)

所用产品 Products Used
BPTV 推杆式电动开窗器
BPLK 链式电动开窗器



项目名称
广西天龙财富中心

Project Name
Guangxi Tianlong wealth center

项目地点 Project Location
广西 (Guangxi)

所用产品 Products Used
BPTV 推杆式电动开窗器



项目名称
台州开投金融大厦

Project Name
Taizhou Kai Tou Financial Building

项目地点 Project Location
浙江省台州市 (Taizhou)

所用产品 Products Used
BPLK 链式电动开窗器



项目名称
台州市委党校

Project Name
Taizhou Municipal Party School

项目地点 Project Location
浙江省台州市 (Taizhou)

所用产品 Products Used
BPTV柜式电动开闭器
BPK柜式电动开闭器



项目名称
宁波绿城凤起潮鸣

Project Name
Ningbo greentown phoenix rising tide

项目地点 Project Location
浙江省宁波市 (Ningbo)

所用产品 Products Used
BPK柜式电动开闭器



项目名称
德清公安局办公大楼

Project Name
Deqing technical service bureau of public security building

项目地点 Project Location
浙江省湖州市 (Huzhou)

所用产品 Products Used
BPK柜式电动开闭器



项目名称
瑞安东新城科创园

Project Name
Ruian east new industry city science and technology innovation park

项目地点 Project Location
浙江省温州市 (Wenzhou)

所用产品 Products Used
BPK柜式电动开闭器



项目名称

新昌建业大厦

Project Name

Xinchang Jianye Building

项目地点 Project Location

浙江省绍兴市 (Shaoxing)

所用产品 Products Used

BPLK链式电动开闭器



项目名称

北京理工大学重庆创新中心

Project Name

Chongqing innovation center of Beijing University of Technology

项目地点 Project Location

重庆 (Chongqing)

所用产品 Products Used

BPTV推杆式电动开闭器

BPLY手摇链式开闭器



项目名称

义乌联利中心

Project Name

Wuyou LIANLI Center

项目地点 Project Location

浙江省义乌市 (Yiwu)

所用产品 Products Used

BPLH手摇链式开闭器

BPLK链式电动开闭器



项目名称
京津冀固安国际商贸城

Project Name
Beijing Tianjin Hebei Gu'an International Trade City

项目地点 Project Location
北京 Beijing

所用产品 Products Used
BPLH手拉链式开窗器



项目名称
甘肃农业大学图书馆

Project Name
Gansu Agricultural University Library

项目地点 Project Location
甘肃 Gansu

所用产品 Products Used
BPLA超小型式电动开窗器



项目名称
兰州中海广场

Project Name
Lanzhou Zhonghai Plaza

项目地点 Project Location
兰州 Lanzhou

所用产品 Products Used
BPLK链式电动开窗器



项目名称
赣州华润中心

Project Name
Ganzhou Huarun Center

项目地点 Project Location
江西省赣州市 Ganzhou

所用产品 Products Used
BPLK链式电动开窗器



项目名称

台州泰隆大厦

Project Name

Taizhou Taikang building

项目地点 Project Location

浙江省台州市 (Taizhou)

所用产品 Products Used

BPPL手拉式开窗器



项目名称

亚运乒乓球馆

Project Name

Asian Games Table Tennis Hall

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPPT手拉式电动开窗器



项目名称

华融湘江银行

Project Name

Huairong Xiangjiang bank

项目地点 Project Location

湖南省长沙市 (Changsha)

所用产品 Products Used

BPPL手拉式电动开窗器



项目名称
莆田市老年文体中心

Project Name
Putian Elderly Sports Center

项目地点 Project Location
福建省莆田市 (Putian)

所用产品 Products Used
BPTV 推杆式电动开闭器
BPLK 链式电动开闭器



项目名称
余杭区亚运场馆改建工程

Project Name
Yuhang District Asian Games Venue
Reconstruction Project

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPTV 推杆式电动开闭器
BOLK 链式电动开闭器



项目名称
杭州万科紫金睿谷

Project Name
Hangzhou Wankong Zijing Ronggu

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLH 手拉链式开闭器



项目名称
中国电信浙江创新园

Project Name
China Telecom Zhejiang Innovation Park

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLH 手拉链式开闭器



项目名称
建杭江与河

Project Name
Jianhang Jiangyuhe

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLA超小塑壳式电动开关器



项目名称
北京铁路丰台站

Project Name
Beijing Railway Fengtai station

项目地点 Project Location
北京 (Beijing)

所用产品 Products Used
BPTY推杆式电动开关器
BPLK塑壳式电动开关器



项目名称
南昌华皓中心

Project Name
Nanchang Huahao Center

项目地点 Project Location
南昌 (Nanchang)

所用产品 Products Used
BPLK塑壳式电动开关器

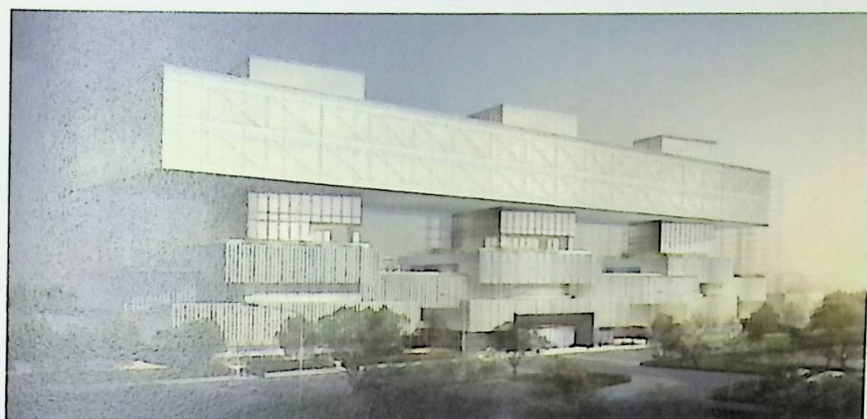


项目名称 腾讯双创社区

Project Name
Tencent double innovation community and
innovation community

项目地点 Project Location
重庆 (Chongqing)

所用产品 Products Used
BPLH手拉绳式开器



项目名称 杭州武林美术馆

Project Name
Hangzhou Wulin Art Museum

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLH手拉绳式开器



项目名称 铁路杭州南站综合交通枢纽广场

Project Name
Comprehensive transportation hub square
of Hangzhou South railway station

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLH手拉绳式开器



项目名称 亚运轮滑馆

Project Name
Asian Games roller skating hall

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPTV推杆式电动开器



项目名称

浙江恒领实业有限公司

Project Name

Zhejiang HENGLING Industrial Co., Ltd

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLY手提式开窗器



项目名称

浙谷深蓝中心

Project Name

Zhejiang valley deep blue center

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLY手提式开窗器



项目名称

智联国际生命科学科创中心

Project Name

Zhilian International Life Science Innovation Center

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPLY手提式开窗器

BPLK窗式电动开窗器



项目名称

麒麟人工智能产业园

Project Name

Qilin artificial intelligence Industrial Park

项目地点 Project Location

江苏省南京市 (Nanjing)

所用产品 Products Used

BPLK窗式电动开窗器



项目名称
南昌嘉里中心

Project Name
Nanchang Jialiyuan Center

项目地点 Project Location
江西省南昌市 (Nanchang)

所用产品 Products Used
BPMX柜式电动机



项目名称
金义宝龙广场

Project Name
Jinxi Baolong Plaza

项目地点 Project Location
浙江省金华市 (Jinhua)

所用产品 Products Used
BPTV柜式电动机



项目名称
宇石网络科技有限公司总部大楼

Project Name
Headquarters Building of Yu Shi Network Technology Co., Ltd.

项目地点 Project Location
浙江省绍兴市 (Shaoxing)

所用产品 Products Used
BPMX柜式电动机



项目名称
杭州大立科技创业园

Project Name
Hangzhou Dalu science and Technology Innovation Park

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPK链式电动开器



项目名称
世环创新型产业中心

Project Name
World environment innovative industrial center

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLY手摇链式开器



项目名称
上虞城市之光

Project Name
Shangyu City Light

项目地点 Project Location
浙江省绍兴市 (Shaoxing)

所用产品 Products Used
BPLY手摇链式开器



项目名称
当虹科技智能视频产业基地

Project Name
Danghong technology intelligent video industry base

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLK链式电动开器



项目名称
青岛航运中心

Project Name
Qingdao shipping center

项目地点 Project Location
山东省青岛市 (Qingdao)

所用产品 Products Used
BPKD电动双链式开器

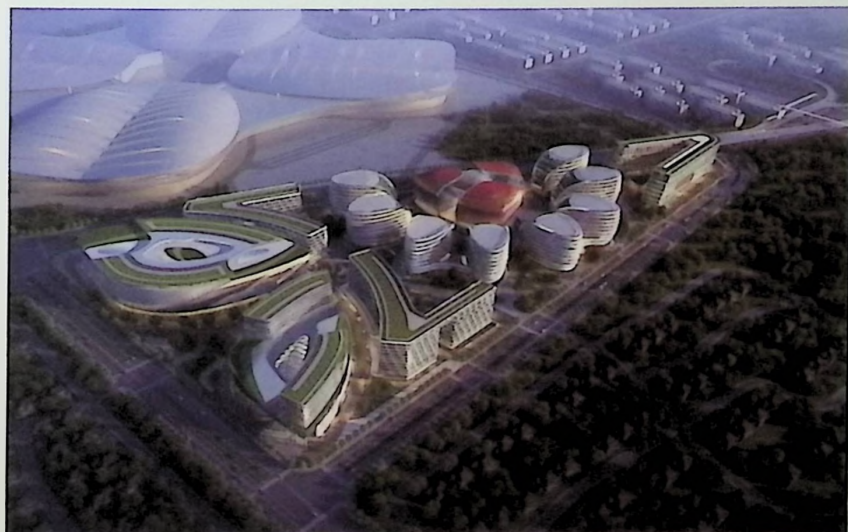


项目名称
华业信息软件产业化基地

Project Name
Huayue information software industrialization base

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPKK链式电动开器



项目名称
上海青浦徐泾会展中心

Project Name
Shanghai Qingpu Xujing Convention and Exhibition Center

项目地点 Project Location
上海市 (Shanghai)

所用产品 Products Used
BPKH手拉链式开器



项目名称
德信空港城地

Project Name
De Xin Airport City

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLY 手操磁式开闭器



项目名称
海亮教育通信电子设备生产基地

Project Name
Hailiang education communication electronic equipment production base

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPLY 手操磁式开闭器



项目名称
中赢国际大厦

Project Name
Zhongying International Building

项目地点 Project Location
浙江省杭州市 (Hangzhou)

所用产品 Products Used
BPOK 电动双旋式开闭器



项目名称

金帝星隆城

Project Name

Jin Di Xing Long Cheng

项目地点 Project Location

浙江省绍兴市 (Shaoxing)

所用产品 Products Used

BPM式电动开窗器



项目名称

中梁大悦城

Project Name

Zhongliang Dayuecheng

项目地点 Project Location

浙江省杭州市 (Hangzhou)

所用产品 Products Used

BPM式电动连式开窗器



项目名称

宁波数字传媒基地

Project Name

Ningbo digital media base

项目地点 Project Location

浙江省宁波市 (Ningbo)

所用产品 Products Used

BPM式电动连式开窗器



项目名称

温州市域铁路S2线各站

Project Name

Stations of line S2 of Wenzhou City railway

项目地点 Project Location

浙江省温州市 (Wenzhou)

所用产品 Products Used

BPM式电动连式开窗器



扫一扫了解更多资讯

BOPEN 杭州博攀智能系统有限公司

Hangzhou Bopan Smart System Co., Ltd.

地址：杭州市萧山区瓜沥镇新港846号

邮编：311225

电话：0571-83508718

传真：0571-83508722

邮箱：bopen01@163.com

网址：www.window-openers.net

投诉电话：13758160088

