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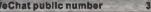
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China's Auto-door The World's Deper











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PRODUCT ACCESSORIES

DEPER is founded in 2001, the head office is located in Honggiao International Finance Center in Shanghai, and the production base is near to Shanghai in Dongtai economic development zone in JiangSu province. The factory is more than 68000 square meters, the standard workshop is about 31000 square meters, and there are more than 300 staffs, includes technical development engineers and QC team totally more than 40 persons.

DEPER communicate and cooperate with colleges in China and world famous automatic door companies perennially, and built a complete integrated management system for production, study and research.

DEPER is committed to becoming the world leader in automation solutions, introducing automated production lines such as fully automatic coating lines and fully automatic inspection lines, DEPER has great advantages in the automatic industry and cover all products, like magnetic automatic door, automatic spring door, automatic folding door, and automatic telescopic door, balance door, heavy duty door, revolving door, emergency evacuation automatic door(panic door), curved sliding door, intelligent passage advertising door, medical airtight door, ward door, steel door, barrier-free sliding door system, metal wall also.

The company comprehensively controls the quality of products and strictly implements the "National Standards of the People's Republic of China / General Technical Requirements for Pedestrian Automatic Doors" GB/T 34616-2017 (Deper's Participation Editor) and the Standard of automatic airtight door industry JG/T 257-2009 for Production, and passed the ISO9001 quality management system, 14001 environmental management system, and 18000 occupational health management system. At the same time, DEPER was awarded the firstclass automatic door installation qualification issued by the Automatic Door Association and the title of national high-tech enterprise.

On the road of building a global brand, DEPER will not forget the initial heart, and will provide users with green and high-quality products and services.



TWO WING AUTO-REVOLVING DOOR





Function Introduction

Adopting the international popular double exhibition box layout, the appearance is like the wings of the eagle. Unique and novel design, the perfect combination of automatic revolving door and automatic sliding door. Advanced PLC control system, more comprehensive safety requirements system, full of luxury temperament, fashion beauty.

Check the rotation function, emergency stop function, wind and dust prevention function, central control fire function, central door opening function. Programmable control function, fault self-test function, night lock function, access control function, frequency conversion, speed control function, safety anti-collision, anti-pinch function, PS emergency power supply function (optional), stop position switching function, slow speed Waiting function, anti-pinch reverse function, fixed door position function.

It is widely used in hotels, office buildings, shopping malls, banks and other high-end places.

Optional

- 1. Surface treatment: stainless steel surface(mirror, hairline, titanium alloy), fluocarbon coating spraying, baking varnish.
- 2. Central fire protection system
- 3. Access control system

Standard Configuration

- 1.Door Body: Special aluminum door profile.
- 2. Glass: Door leaf and exhibition box are 6/8mm transparent tempered glasses, curved wall is 10mm tempered glass (5+5mm arc safety laminated glass).
- 3. Drive device: Two sets AC220V, 50/60Hz,0.2-0.6KW.
- 4. Anti-interference: Function of preventing electromagnetic interference.
- 5.Central control computer:Programmable logic control system, revolving mode or sliding mode can be set.
- 6. **Revolving speed control**: The variable-frequency speed adjustment system ensures the door start, work and stop smoothly.
- 7. UPS control box: When electricity is failed, UPS will start the middle sliding door.
- 8. **Sensor:** Infra-red (radar) motion sensors, vertical rubber sensor defend pinching at entrances, anti-collision sensor at the bottom of door leaf, infra-red direct measure sensor defend pinching.
- 9. Emergency stop button: Installed on the column of entrance right side, use for emergency situation
- 10. Button for disabled: Installed on the column of entrance right side, used for disabled people pass slowly.
- 11. Electric magnetic lock setting: It can automatically lock the door.
- 12. Status and fault display: Display correct code or fault code of revolving operations.
- 13. **Central fire protection control device:**The middle induction sliding door is connected with the fire alarm in the building ,it will open quickly in an emergency and become an evacuation access.
- 14. **Door leaf stop positions setting (optional):**Winter stop position, summer stop position, stop position of middle automatic sliding door, hold-open position, stop position of slow-down waiting, etc.
- 15. Reverse function of anti-pinching.

Technical Data

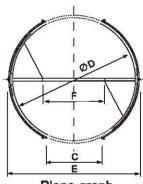
Fully intelligent computer control unit
Working voltage: AC220V±10% 50/60HZ
Power: drive unit 220-600W + lighting 100W
Inverter: multi-level control, frequency control

Sensor: radar (infrared) motion sensor,

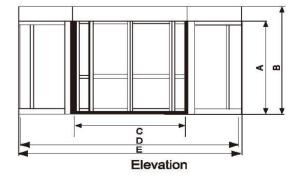
Rubber and infrared anti-collision anti-pinch sensor

Safety device: 16A or 2X10A

Ø	3600	4200	4800						
Α	2200-3200								
В	2300-3500								
С	1670	1970	2270						
D	3600	4200	4800						
E	3810	4410	5010						



Plane graph





THREE/FOUR WING AUTO-REVOLVING DOOR





Function Introduction

Induction rotation function, indoor heat preservation function, emergency stop function, disabled person slow walking function, safety fire prevention function, motor lock function, door stop function, adjustable speed function.

Size

Ø	2000	2200	2400	2600	2800	3000	3200	3400	3600	
A	2200 - 2600									
В	2500 - 2900									
С	900	1000	1100	1200	1300	1400	1500	1600	1700	
D	2000	2200	2400	2600	2800	3000	3200	3400	3600	
E	2110	2310	2510	2710	2910	3110	3310	3510	3710	



Standard Configuration

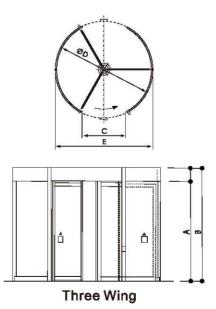
- 1.Glass:Door leaf and exhibition box are 6/8mm transparent tempered glasses, curved wall is 10mm tempered glasses (or 5+5mm arc safety laminated glass).
- 2. Drive device:220V±10%, 50/60Hz, 0.25-0.35KW
- 3. Central control computer:PLC programmable logic control system.
- 4. Revolving pattern: The variable-frequency speed adjustment system starts, revolves, and stops smoothly and safely.
- 5. Sensor: Microwave motion sensors.
- 6. Prevent pinching sensor:located at the upright column at entrance right.
- 7. Avoid to knock at the door leaf:Installed a sensor in the rubber strip at the bottom of the leaf.
- 8. Emergency stop button:Installed on the upright column at entrance right.
- 9. Button for the disabled: Use for disabled people pass slowly.
- 10. Mechanical lock: Used for locking the door at night.
- 11. 6-9 pieces laser ceiling lamp
- 12. Combination operation panel:Functional combination operation panel facilitate function setting.

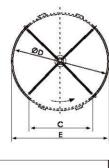
Technical Data

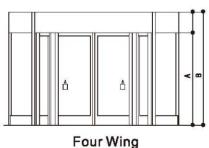
Fully intelligent computer control unit Power supply: AC220V±10%, 50/60Hz

Power: 0.20-0.35KW, lighting 200-400W

Inverter: multi-level control, frequency control















DSL125A



DSL125B

Function Introduction

The control device of sliding automatic door contains basic function and extensional function, automatic operation / hold-open/lock/half-open to meet customer needs. Control device has multiple interfaces for choosing various connectors such as: safety beam photocell, electric locks, etc. Its drive devices adopts European technology to integrate motor with gear box, which offers strong driving and reliable operation and increased power output , it can adapt to a large door.

Technical Data

Door form: single door / double door Loading weight: ≤1×150kg/ ≤2×125kg Door width: 750-1600mm/650-1250mm

Power supply: AC220V, 50Hz

Power consumption: 65W (125A), 50W (125B)

Opening speed: 150-460mm/S (adjustable) Closing speed: 130-460mm/S (adjustable)

Open time: 0-8S (adjustable)

Manual force: <40N/ <50N

Temperature range: -20 ~ +50°C





Product features

1.Reliability

(a)Wisdom Control unit

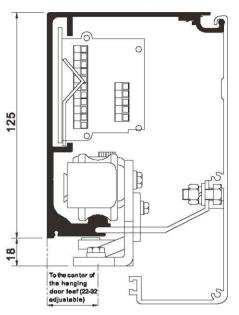
Wisdom Controller receive the signal from door sensors (switches), give driven signal to the motor, the door is working. It is designed to face the whole world, it is no need use transformer for changing supply power. There is safety interface for connecting safety sensor and e-lock for night locking.

(b)Powerful drive motor

The powerful motor is small and DC power brush-less, connection with quiet gearbox to drive the belt wheel, there is self-protection parts inside which ensure the motor can work for long time.

easily be opened by hand.

Sectional view



2.Convenience

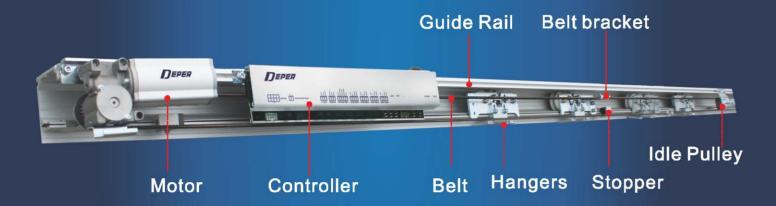
Good modular design offers very easy installation. Only need to fit all components into the guide rail and connect each part well, it can work after activating the power supply.

3. Security

When the doors is closing, if it meets a pedestrian or obstacle, the door leaf will reverse automatically, the door will open immediately, it prevents pinching events and door damaged, also improves the automatic door working life.

If the electricity is failed, the door will stop moving. However, there is very little resistance, door leaf can easily be opened by hand.





D5 Machine Unit

Function Introduction

Microcomputer control system, drive motor, control door body to operate according to the set mode; controller with 12V, 24V power supply, no need to add transformer extra. Built-in security protection beam, double door interlock and more other interfaces.

Brushless DC motor, surface matte treatment, sturdy and durable; with safety protection circuit device, even if it is frequently opened and closed, it can achieve long-term trouble-free operation.

The guide rail height is only 8cm, the installation space is infinitely utilized, and the rubber silent shock absorbing bar is added to make the operation more stable and quiet; the S5M belt is used to reduce the contact area and reduce the running noise.

The Z4-class super-mute shaft is used to match the imported nylon wheels with large diameter, which is more anti-off and quiet.

Suitable for office buildings, storefronts, banks, restaurants, hotels, shopping centers, laboratories, hospitals and other places.

Technical Data

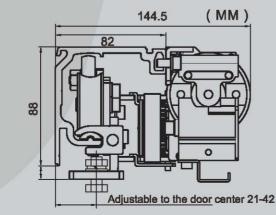
Door form: single door / double door Loading weight: ≤1×120kg/≤2×100kg Door width: 600-1800mm/1000-3000mm Power supply: 220V ± 10%,50/60Hz

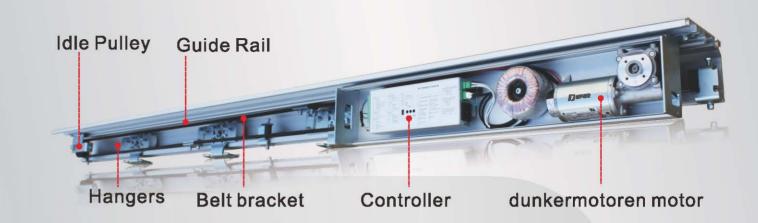
Rated power: 65W

Opening speed: 175-440mm/S (adjustable) Closing speed: 175-440mm/S (adjustable)

Temperature range: -20 ~ +50°C

Humidity range: <relative humidity 85%





DSL-16 Machine Unit

Technical Data

Door form:

single door / double door Loading weight:

≤1×120kg/≤2×100kg

Door width:

700-1400mm/800-2000mm

Power supply:

AC 220V ± 10%, 50/60Hz Rated power: 50W Opening speed:

100-500mm/S (adjustable)

Closing speed:

100-400mm/S (adjustable)

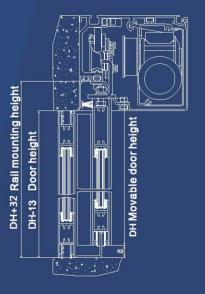
Temperature range: -20 ~ +50°C

Humidity range:

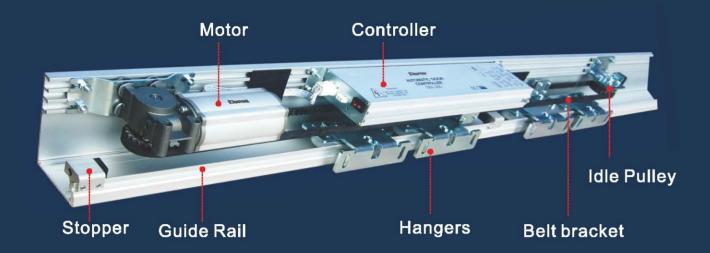
<relative umidity 85%

Product Features

- Integrated Motor and Controller System Design
- Self-learning Function
- Five-range Switch
- Satety Beam(Optional)
- Breakdown display
- Guide rail with rubber for reducing noise



SLIDING AUTO-DOOR DSL-200L



Product Features

The microcomputer control unit has self-learning function, the drive unit runs smoothly, safely and reliably; the function is complete and can be adapted to individual needs.

When the power is off, the automatic door will hold open and win the escape time. The 200L has a motor lock and no additional electric lock is required.

The European-style structure, the driving device, the control unit and the mechanism are installed on the top groove of the guide rail, the slide rail space is larger, the larger pulley runs smoothly and quiet.

The automatic door does not close when the safety beam guarantor passes. When the emergency stop switch is pressed in an emergency, the door stops running immediately and the safety is fully guaranteed.

Suitable for office buildings, storefronts, banks, restaurants, hotels, shopping centers, laboratories, hospitals and other places.

Technical Data

Door form: single door / double door Loading weight: ≤1×150kg/≤2×120kg

Clean opening width: 600-1800mm/1000-3000mm

Power supply: 220V ± 10%, 50/60Hz

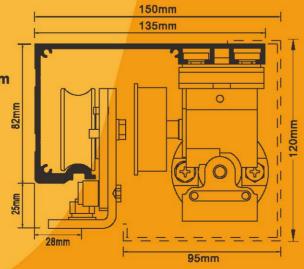
Rated power: 65W

Opening speed: 200-500mm/S (adjustable)
Closing speed: 200-500mm/S (adjustable)

Open time: 0-9S (adjustable)
Manual force: <30N/<40N

Temperature range: -20 ~ +50°C

Humidity range: <relative humidity 85%





HEAVY DUTY AUTO-DOOR

Product Features

New design for heavy door

Global trusted high-power brushless motor

New mechanical components, imported nylon rollers

Convenient installation and smooth operation

Easy maintenance

Suitable for large accesses such as industrial workshops

Technical Data

Door form: single door / double door Loading weight: ≤1×300kg/≤2×250kg Clean opening width: 1000-2800mm/1800-

3800mm

Power supply: AC220V±10%, 50/60Hz

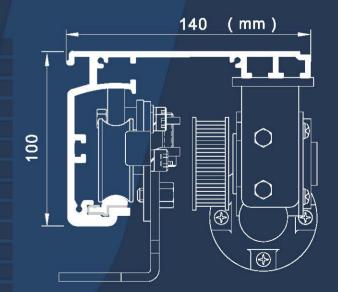
Power consumption: <100W

Opening speed: 200-460mm/S (adjustable) Closing speed: 200-460mm/S (adjustable)

Open time: 1-9S (adjustable)

Closed force F: >100N Manual force: <100N

Humidity range: -20 ~ +50℃









SWING DOOR SPRING-CLOSING

Function Introduction

The DSW85 is a microprocessor-controlled automatic door closer that is simple in design and self-monitoring. The microprocessor provides precise position control and speed control, resulting in the optimal motion mode to control the movement path of each door. In the event of a power failure, the unit will start closing spring force automatically . Depending on the application, pull-arm and push-arm mounting is available. Particularly suitable for use in conjunction with fire doors.

Technical Data

Drive unit: 24V DC motor, spring close door

Anti-extrusion device: standard

Power supply voltage: AC220V ± 10%, 50/60Hz

Rated power consumption: 100W (MAX)

Opening time (speed): 3-7S adjustable

Closing time (speed): 3-7S adjustable

Open time: 0.5-30S adjustable

Opening angle: 80°-100°

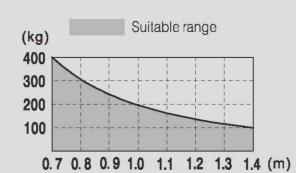
Drive arm: pull arm, push arm

Unit size: 610 X128 X88 (mm)

■ Ambient temperature: -20 ~ +45°C

Relative humidity: ≤85%





SWING DOOR CONCEALED

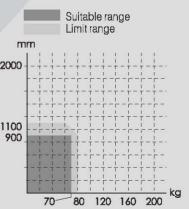
Function Introduction

The concealed swing door, also known as the sky spring, uses a concealed design to make the door leaf more beautiful and save space. Easy to install and easy to operate. The surface of the unit is made of 304 stainless steel panel for easy cleaning. Compact structure, good sealing performance, seamless splicing, isolated outside noise, making the environment quieter. Wide range of applications, 99% of the swing doors can be applied.

Technical Data

- Suitable for door leaf: weight ≤70kg, width ≤900mm
- Power supply voltage: AC220V ± 10%, 50Hz
- Opening time: 3-7S
- Open the door to maintain: 1-30S
- Maximum angle to open the door: 105°
- Protection level: IP12D
- Product material: 304 stainless steel, zinc alloy
- Product weight (unit): 8.5kg
- Product volume (unit): 470X135X90mm
- Ambient temperature: -20 ~ +50°C











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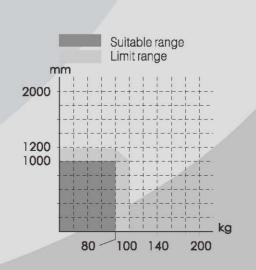


Innovative mechanical design Reliable performance Open immediately if encounter an obstacle With sensors, access control, safety beam interfaces Wireless remote control Interlock function between door and door

Technical Data

- Door form: single door
- Carrying weight: ≤1 x 100kg
- Applicable door width: ≤1200mm
- Power supply voltage: AC220V±10%, 50/60Hz
- Opening time: 3-7S/90° (adjustable)
- Open time: 1-30S (adjustable)
- Protection level: IP12D
- Product weight (unit): 6.5kg
- Unit size(DSW100N): 540X95X82mm
- Ambient temperature: -20 ~ +55°C









HEAVY DUTY SWING DOOR

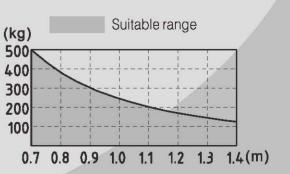
Function Introduction

The DSW165 is a heavy-duty swing door unit for max. single door Width 1.2-meter x Weight 170KG. The separate connecting plate makes the unit easier to install . The unit is light and beautiful, but loading force is big; the perfect combination of square tenon and end spline teeth realizes reliable transmission of driving force and makes the door body run more smoothly . DSW165 unit can be equipped with sensors, wireless press buttons, password card readers, soft touch switches, infrared hand sensors and other ways to open the door. Depending on the application, pull-arm and push-arm mounting is available.

Technical Data

- Drive unit: 24V DC motor
- Anti-extrusion device: standard
- Power supply voltage: AC220V±10%, 50/60Hz
- Rated power consumption: 100W (MAX)
- Opening time (speed): 3-7S adjustable
- Closing time (speed): 3-7S adjustable
- Open time: 0.5-30S adjustable
- Opening angle: 80°-100°
- Drive arm: pull arm, push arm
- Ambient temperature: -20 ~ +45°C
- Relative humidity: ≤85%









SWING DOOR EMBEDDED

Function Introduction

The controller has display debugging interface, which is easy to operate and is equipped with various function ports such as electric lock and backup battery. The casing of the machine is injection molded by BMC; all DC motors are sealed to be super waterproof, fireproof and corrosion resistant. The Max. load is 150KG, the optional DSW-3 unit can be opened 90 degrees or the DSW-3A unit can open the door 180 degrees (automatically sensing the passing direction of pedestrians, and opening the door with the pedestrian walking direction). It is cold-resistant and high-temperature resistant and can work in -20°C-55°C environment. Small size, waterproof, heavy load, easy construction, etc., can be used indoors and outdoors.



Technical Data

Max. door weight: 150kg Max. door width: 1200mm

Max. torque: 165Nm Unit weight: 5.5kg

Installation method: ground embedding

Running noise: <60dB</p>

Electric lock output: DC12V NO / NC

Opening /Closing time: 6-12S

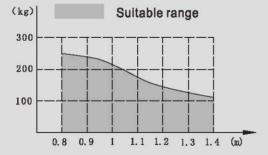
Opening range: 86°- 95°

Power supply : AC220V±10%, 50/60Hz

Rated power: 55W

Standby power: <2W

Control box size: 215X205X60 (mm



Working temperature: -20 ~ +50°C

Protection level: IP68

Unit size: 330 X116 X100 (mm)



Function Introduction

The main function of this system is that in special situation (such as a fire), sliding automatic door leaves can be opened 90° to provide a larger opening width for pedestrians or cargo to pass through. As an emergency evacuation exit, the system has function of detecting the door leaf, signal will be transmitted to the microcomputer controller to ensure the safe usage of the automatic door.Microcomputer controller has fully function interfaces for five-range key switch, backup battery, emergency-stop switch and fire linkage, etc.

Aluminum alloy frame with color coating

Technical Data

Door width range: 4200-5400mm Door height range: 2800-3200mm

Passage height: 2595-2995mm

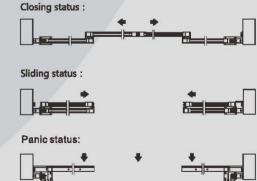
Maximum load: 140KgX2 Lower horizontal frame: 212mm Upper horizontal frame: 155mm

Power requirements: 3 cores 1.5 square mm,

Single-strand copper core wire AC220V 5A 600W

Motor power: 100W

 Opening speed: 300-600mm/S(adjustable) Closing speed: 300-600mm/S(adjustable)





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Maglev Door **DZ08**







DEPER

Folding Auto-Door Z20









Function Introduction

1. Outstanding performance

The door works with the suction and repulsion of the magnet and the coil, the force is very light and it can be easily rebounded. It is safe and reliable.

2. Quiet

When the door working the sound will less than the Tradition automatic door operator which made by motor .belt.hanger and rail.

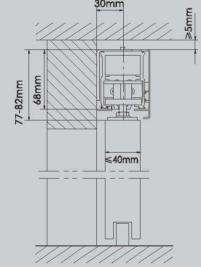
3. Fire safety requirement

The door will be open by hand when the power off.

≤40mm

Technical Data

- Door form: single door
- Loading weight: 20-100kg
- Door width: 600-1100mm
- Power supply: AC 220V±10%, 50/60Hz
- Rated power: 80W Standby power: 3W
- Opening speed: 150-500mm/S (adjustable)
- Closing speed: 150-500mm/S (adjustable)
- Opening time: 0-20S (adjustable)
- Environment temperature: -20 ~ +50°C
- Installation method: Surface mounting



Function Introduction

Double unit system drive, aluminum alloy door + tempered glass, integral structure, seamless connection.

When the door is opened, the door body is folded, which effectively saves space.

The smooth door body automatically opens and closes, providing a comfortable passage space and close to the smooth door effect.

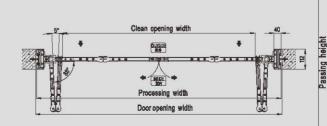
A new generation of Deper folding doors, safety anti-pinch, insulation, sound insulation, fire retardant, and more resistance to rebound.

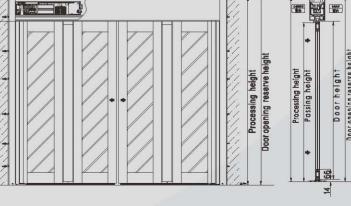
Applicable to hospitals, shopping malls, office buildings, airports, showrooms, homes and other occasions.

Technical Data

- Door form: single open / double open
- Door height: up to 3000mm
- Door width: ≤560mm
- Door width: W≤1200mm/ W≤2400mm
- Power supply voltage: AC220V, 50/60Hz
- Motor power: 65W 24V (1) / 65W 24V (2)
- Operating speed: 2-4S
- Temperature range: -30 ~ +40°C

Reserved power cord: one-way three-wire system BV1.5mm2 Power cord reserved length: 2m Power reserve location: right upper door of the indoor automatic door









CURVED SLIDING AUTO-DOOR DCS60/62

Function Introduction

Deper's automatic curved sensor door is characterized by high intelligence and humanity, which continues the excellent characteristics of the automatic sliding door. It adopts powerful microcomputer processor and detailed sensing system to achieve stable and long-lasting performance.

The curved door has dust-proof and wind-proof functions, which effectively controls the flow of people in and out, and can give the entrance and exit sufficient width and space even in the case of very compact structure.

Automatically adjust the operation status of the door leaf, open and close smoothly, low noise; brushless motor, long service life; double door interlock and electronic lock function, support a variety of access control systems; suitable for light and heavy door, large carrying capacity.

Technical Data

Door form: single door / double door

Door leaf weight: $\leq 1x125kg$ (single), $\leq 2x100kg$ (double)

Door width: 750-1600mm, 650-1250mm

Clean opening width: 1450-3100mm, 2500-5000mm

Power supply voltage: AC110-220V, 50/60Hz

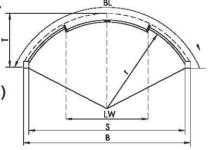
Power consumption: 65W Opening speed: 150-400mm/s Closing speed: 130-400mm/s

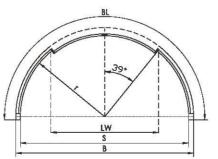
Open time: 0-8S

Manual opening and closing force: <50N, <60N

Ambient temperature: -20 ~ +50°C

<60N LW S B





CURVED SIDING AUTO-DOOR

Function Introduction

The DCS62S is an all-in-one unit with easy installation, intelligent control of the microcomputer and advanced machinery manufacturing. With a powerful microcomputer processor and a well-known sensor system, the performance is stable and lasting.

The curved door has dust-proof and wind-proof functions, which effectively controls the flow of people in and out, and can give the entrance and exit sufficient width and space even in the case of very compact structure.

Automatically adjust the operation status of the door leaf, open and close smoothly, low noise; brushless motor, long service life; double door interlock and electronic lock function, support a variety of access control systems; light and heavy use, large carrying capacity.

Technical Data

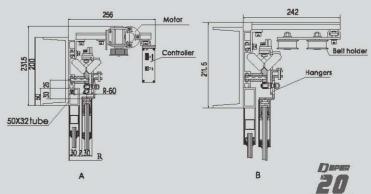
Door form: single door / double door

Door leaf weight: ≤1x125kg (single), ≤2x100kg (double)

Door width: 750-1600mm, 650-1250mm

Clean opening width: 1450-3100mm, 2500-5000mm

Power supply voltage: AC110-220V, 50/60Hz



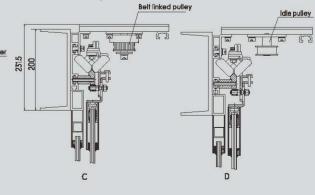
Power consumption: 65W
Opening speed: 150-400mm/s

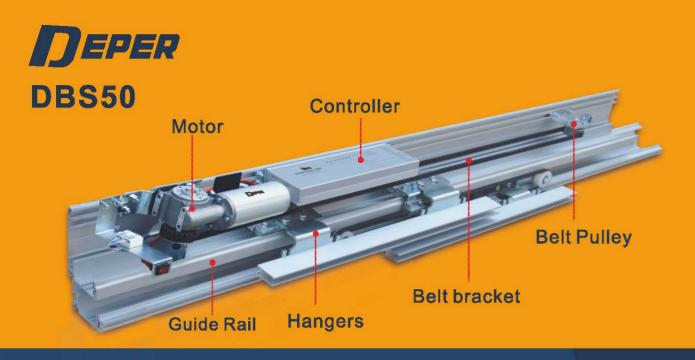
Closing speed: 130-400mm/s

Open time: 0-8S

Manual opening and closing force: <50N, <60N

Ambient temperature: -20 ~ +50°C





TELESCOPIC AUTO-DOOR

Product Features

- More humanistic design
- Built-in chip has the ability of intelligent adjustments
- Two-way automatic reverse function
- Two kinds of high-strength aluminum alloy guide rails
- Overlapping leaves are linked by belts and belt pulleys
- High-quality EPDM strip is inserted for reducing the vibration and noise

Technical Data

Door form: single door / double door Loading weight: ≤2 × 150kg / ≤4 × 100kg

Clean opening width: 1200-2700mm/2200-3900mm

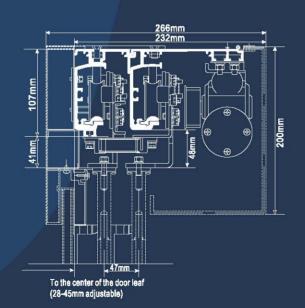
Power supply: 220V ± 10%, 50/60Hz Power consumption: <150W

Opening speed: 300-550mm/S (adjustable)

Closing speed: 200-500mm/S (adjustable)

Open time: 1-20S (adjustable) Closed force F:>100N Manual force: <100N

Humidity range: -20 ~ +50℃





HERMETIC AUTO DOOR





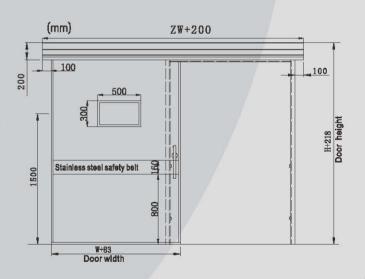


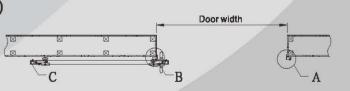
FUNCTION INTRODUCTION

- High hermetic requirements
- Microcomputer controller
- Higher performance
- No touch switch: foot/palm induction
- Two-way magic eyes ensure the security
- Apply to hospital operation room, electronic workshop, clean room etc.

TECHNICAL DATA

- Door form: single open / double open
- Door weight: 1X100kg/ 2X80kg
- Clean opening width: 900-1500mm / 1200-1800mm
- Power supply voltage: AC 220V ± 10%, 50/60Hz
- Power consumption: <180W</p>
- Opening speed: 300mm-600mm/s (adjustable)
- Closing speed: 300mm-600mm/s (adjustable)
- Open time: 0-9s (adjustable)
- Manual force: <100N
- Ambient temperature: -20 ~ +50°C
- Airtight level: Level 8









PRODUCT ACCESSORIES













