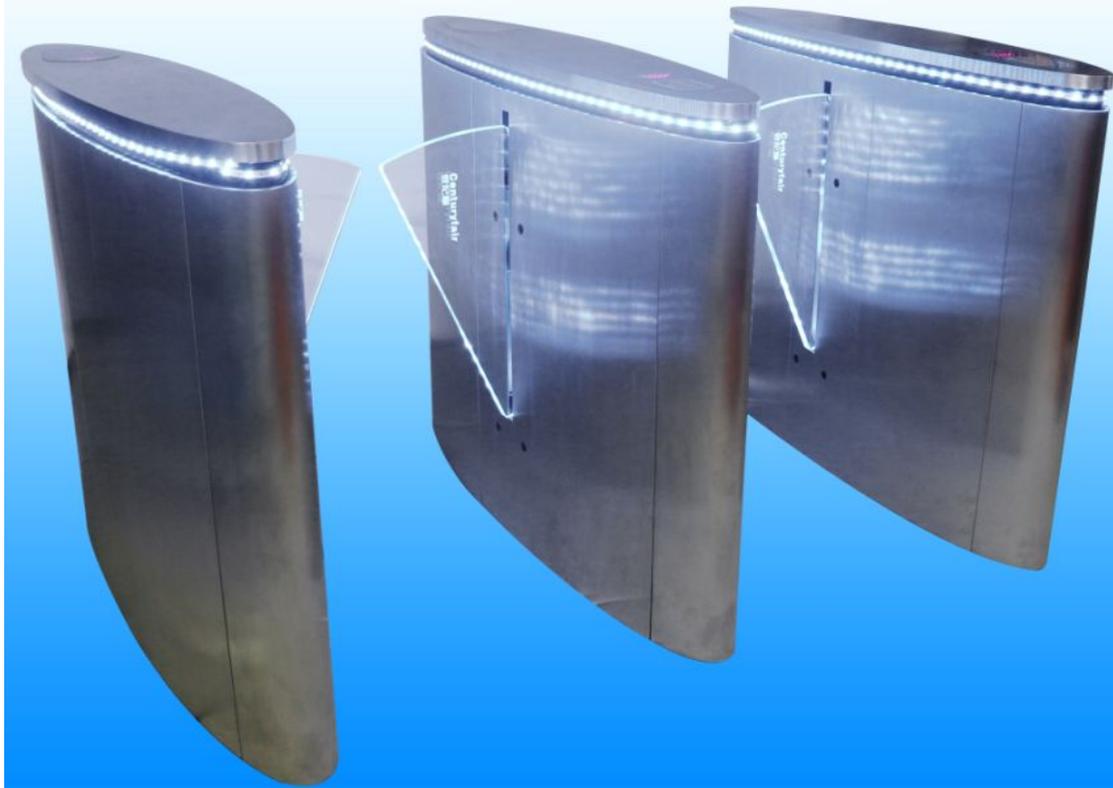


# Shenzhen Centuryfair Industry Co., Ltd

Add: 4<sup>th</sup> Floor, No.2, Yihua Industry Park, Dakan, Xili Town, Nanshan District, Shenzhen, China

Website: [www.automaticbarriergate.com](http://www.automaticbarriergate.com) Tel:+86-755-86323412 Fax: +86-86330793

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SJSDZY-14

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## Brief Introduction

Compared with traditional flap gate, SJSDZY-14 adopts all-new permanent magnet synchronous servo motor and encoder control system, by which the device is suitable with voltage ranges from AC175--300W, and the life cycle is prolonged up to 5 million times; Sensor or mechanical position is not necessary any more, the structure is more simply, thus maintenance cost is cut down too much. As all operations are controlled by the encoder program, maintenance is much easier and mechanic failures are reduced largely. As motor keeps homothermal all the time, it is able to work extreme environment.

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## Features

1. Reliable, low noise, smooth operation and long life cycle
  2. Configurable opening speed to meet different requirements
  3. With failure self-diagnosis and alarm prompt function, convenient to us and maintenance.
  4. Multi-operation models optional
  5. Anti-pinch: In the process of reset, the motor stop working in stipulated time if the arm is blocked. Reset again after default delay time and the force is  $\leq 2\text{kg}$
  7. Able to rapidly transform opening/closing amplitude by PLC automatic learning function
  8. PLC positions door location accurately, no sensor and mechanic position needed
  9. Automatic reset: In stipulated time, if no body passes after door opens, the flap gate will close automatically
  10. Anti-tail: many persons pass through the gate at one time is not acceptable
  11. Sunscreen, cold-resistant, heat-resistant, water-proof design, suitable for indoor
  12. Autolock function: no mechanical auto lock needed, by which improve reliability and life cycle. No mechanical noise
  13. PLC swing position signal output positions the swing location real time and give out alarm signal
  14. Servo driving control: wide regulating range, high position accuracy, fast speed, smooth operation, low noise, high torque at low speed
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## Parameters

Hosing material	#304 stainless steel
Swing material	Acrylic
Swing color	red, blue, transparent optional
Dimension	1300*260*990mm
Motor type	Servo brushless DC 24V/50W motor
Voltage	AC175--300W, 50/60hz
Control Signal	Pulse signal input
Input interface	+12V level signal, or 12V pulse signal with pulse width >100ms
Speed	30--40 person per minute
Opening/closing time	settable
Life cycle	more than 5 million times
Noise	≤65 dB
Protection grate	IP 32
Working temperature	-30℃~ 60℃
Relative humidity	≤90%, no-condensation

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**SJSDZB10**

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## **Brief Introduction**

Compared with traditional swing gate, SJSDZB10 adopts all-new permanent magnet synchronous servo motor and encoder control system, by which the device is suitable with voltage ranges from AC175--300W, and the life cycle is prolonged up to 5 million times; Sensor or mechanical position is not necessary any more, the structure is more simply, thus maintenance cost is cut down too much. As all operations are controlled by the encoder program, maintenance is much easier and mechanic failures are reduced largely. As motor keeps homothermal all the time, it is able to work extreme environment.

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## Features

1. Reliable, low noise, smooth operation and long life cycle
  2. Configurable opening speed to meet different requirements
  3. With failure self-diagnosis and alarm prompt function, convenient to us and maintenance.
  4. Multi-operation models optional
  5. PLC positions door location accurately, no sensor and mechanic position needed
  6. Automatic reset: In stipulated time, if no body passes after door opens, the flap gate will close automatically.
  7. Anti-tail: many persons pass through the gate at one time is not acceptable
  8. Sunscreen, cold-resistant, heat-resistant, water-proof design, suitable for indoor
  9. Autolock function: no mechanical auto lock needed, by which improve reliability and life cycle. No mechanical noise
  10. PLC swing position signal output positions the swing location real time and give out alarm signal
  11. Servo driving control: wide regulating range, high position accuracy, fast speed, smooth operation, low noise, high torque at low speed, strong overload, high reliability
  12. Anti-pinch: In the process of reset, the motor stop working in stipulated time if the arm is blocked. Reset again after default delay time and the force is  $\leq 2\text{kg}$
  13. Easy to program operation mode by built-in little keypad on master controller
  14. Easy to set NO/NC to meet different requirements
  15. Open automatically when power off and close when power on
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## Parameters

Housing material	304# stainless steel plate
Dimension	1700*260*990mm
Swing arm length	600mm
Swing angle	180 degrees
Motor type	Servo brushless DC 24V/50W motor
Voltage	AC175--300V, 50/60Hz
MCBF	5million times
Speed:	40 persons per minute (NO), 25-30 persons per minute (NC)
Opening/Closing time	1-2 seconds
Weigh	70kgs
Working temperature	-40°C~ 80°C
Relative humidity	5%--90%