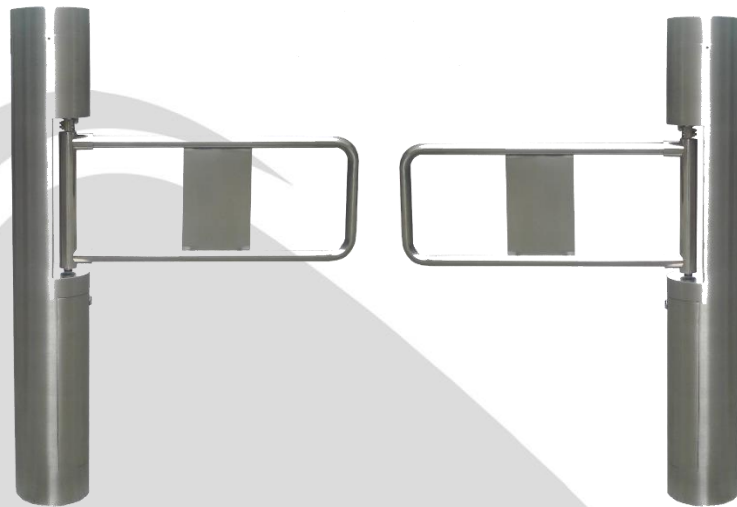


## Swing Barrier



AGS01

### Introduction:

Swing barrier has standard electrical interface which can be connected with ID cards, IC cards, magnetic cards, barcode cards etc. The integration system ensures passing in order and will never allow unauthorized persons to go in or go out.

### Parameters:

1. Power Supply: AC220V  $\pm$  10V, 50Hz / AC110V  $\pm$  10V, 60Hz
2. Power Consumption: 100W/24V
3. Temperature: -15 to 60 degrees
4. Humidity: <95%, without concretion
5. Passage Width:  $\leq$ 1200mm
6. Passing Speed: 30 persons/min (normal open), 20 persons/min (normal close)
7. Arm Open/Close Time: 2.5s
8. Input Interface: +12V electrical signal or impulse signal with width more than 100ms, drive current  $>$ 10mA
9. Communication Interface: RS485 (Distance:  $\leq$ 1200m)
10. Dimension:  $\varnothing$  168\*1050mm
11. Arm Length  $\leq$ 700mm
12. Working Environment: Indoors or outdoors with shed
13. Arm Turning: Bi-direction

### Main Functions:

1. Problem-self-checking function.
2. Arm Turning: Bi-direction
3. When power off, arm open automatically and power on again, arm will be held automatically.
4. When valid card read and passenger passed, arm can be delayed to close from 1-60s which can be set in the control panel.
5. Auto-reposition function: After card read, passenger doesn't pass within regulated time, turnstile will cancel order automatically. And the regulated time can be set by managers.
6. Anti-rush function: if there is no open single, arm will be holding tightly.
7. Stable running with little noise.

**Material:**

- 304 stainless steel
- 316 stainless steel

**Structure:****1. Dimension**

∅ 168\*1050mm

**2. Pole shape and diameter**

- Beeline(shape)
- Camber (shape)
- ∅ 32(diameter)
- ∅ 42(diameter)
- Customer drawings

**3. Drawings****Finishing:**

- Brushed
- Grit satin
- Hot-galvanized
- Powder coated in colors

**Constructions:****Turnstile column**

SS304 pipe

**Guiding elements inside and outside**

Light metal casting, natural anodized

**Portal frame**

Made of steel with space reserved for installations

**Working principles:**

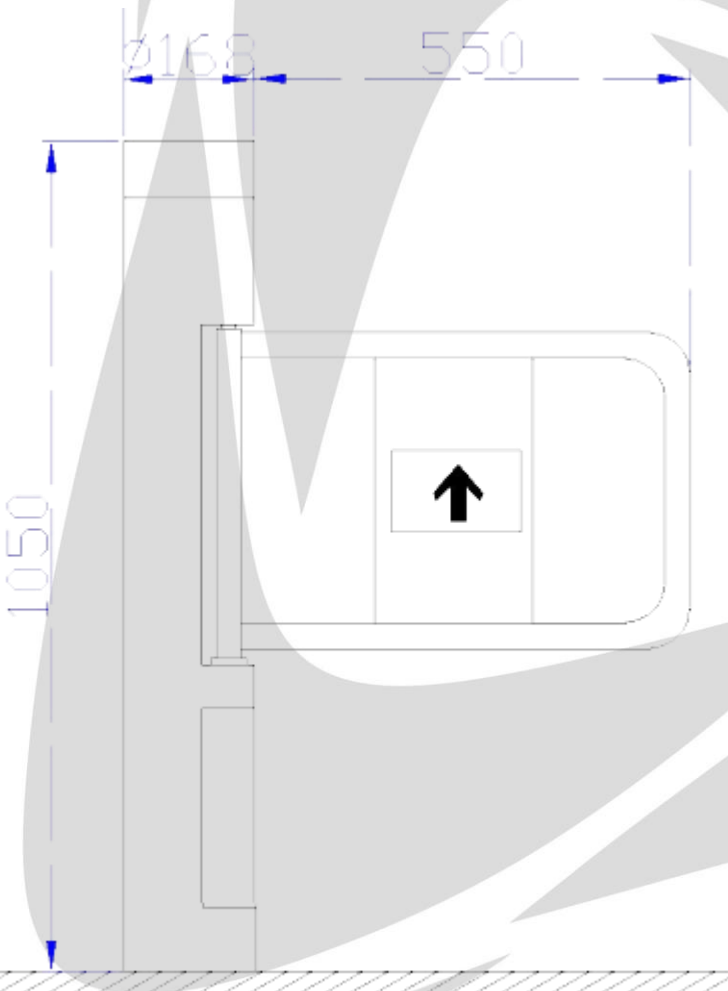
- The arm will open automatically when we send relay signal to turnstile.

**Power supply:**

- 220V AC @ 60HZ
  - 230V AC @ 50HZ
  - 110V AC @ 60HZ
  - 220V AC @ 50HZ
- Working power: 24V DC

**Controlling way:**

- Relay signal
- RS485

**Application**

- All places which need to control people in and out.