

HIGH SPEED DOOR



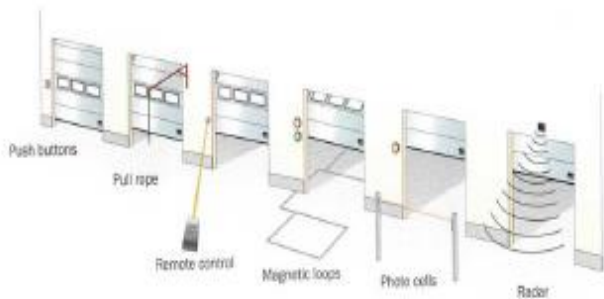
Hangzhou fast shutter doors by the Division We learn from foreign advanced technology and equipment, and to draw on the advantages of similar products in domestic self-developed high-tech products. With insulation, insects, wind, dust, noise, anti-odor, lighting and many other features. It can be widely used in food, chemical, textile, refrigeration, electronics, printing, assembly, precision machinery, logistics, warehousing and other places. Can be extremely satisfying frequent high-performance logistics and clean place with a variety of needs and saving energy, increasing air-conditioning effect, fast closing, improve operational efficiency and create a better work environment.

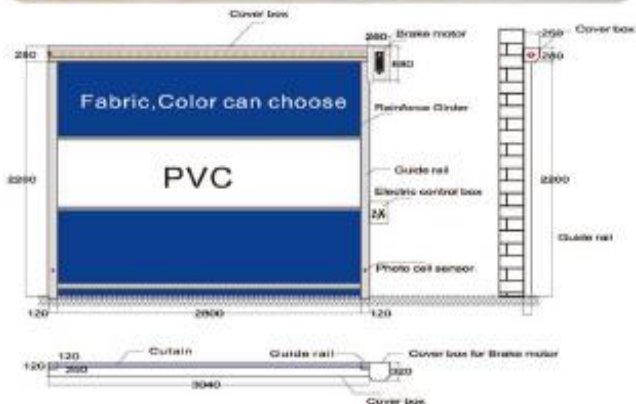




Technology Category	Technical Parameters
Usage	Widely used in food chemistry trade electronics supermarket refrigeration logistics warehousing and other places
Door Size	Maximum size 30000 * 9000MM exceed this range according to the site specific production process
Wind strength	Wind resistance of up to 117kpa
Opening/closing speed	0.5-1.5m/s
Color options	Red orange yellow, green, blue or black gray transparent
Roll structure	Chassis made from 25MM thick galvanized steel plates at both ends by a thick 6MM steel production. In the end plate mounting roller bearings, drive motor mounts balanced system components and mounting holes, steel surface paint treatment to the guests desired color. Roll mounted on the chassis by a steel shaft bearing and other components.
Door frame	1.5MM thick cold rolled steel or 1.5MM thick stainless steel
Transparent window	1.2MM PVC transparent window
Drive System	220V / 380V 50Hz IP55 power 0.58KW-6.9KW
Door Control System	PLC converter, adjustable delay off, greatly improving the efficiency in the use and life of German goods into the encoder.
Optional	Geomagnesium, radar, airbag, infrared, remote control or by hand switch

HIGH SPEED DOOR





HIGH SPEED DOOR

SERVO SYSTEM



Servo fast shutter door features

Precision

To achieve the position, speed and torque of the closed-loop servo control, open loop control to avoid frequency door switch of the accumulated error and interference error is not a long-running door moves.

stable

Integrated integrated design, excellent EMI / EMC electromagnetic compatibility design. Improve existing PLC + inverter + encoder complicated wiring electromagnetic interference exists, to avoid wiring and plug fault caused.

high speed

Motor maximum speed of 4000 rev / min, maximum operating speed of 1.95 m / cube / s high speed motor for better efficiency

Soft

Flexible Quick Start - high speed - flexible slow stop, S-curve velocity profiles stepless adjustment, advanced intelligent constant torque servo system, the output torque to follow the door running load changes, jitter-free low-speed operation, Smooth and stable high-speed operation.

custom made

Up to one hundred by the control parameters, engineers can each door to the best colleges and universities, with a unique system sets the status parameter memory function, and can be a key to restore the memory parameters at the time of failure.

Safety

In case of an emergency signal when the motor dynamic response time of less than 30 milliseconds. By inertia punch does not exceed the maximum level of protection SSM Client Security

high frequency

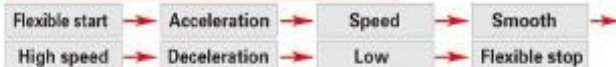
System after 200,000 consecutive uninterrupted operation test for ultra-fast frequently open environment

Energy Saving

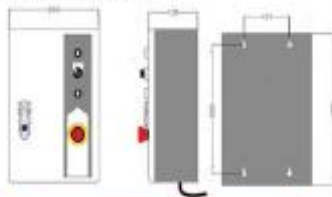
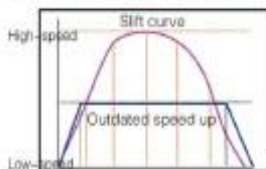
The system uses permanent magnet synchronous motors, motors using rare earth permanent magnet material is higher than traditional asynchronous induction motor efficiency doubled. With energy-saving light weight low temperature torque overload twice the advantage.



Unique control operation to achieve a balance



- High-speed operation without mechanical shocks, improve system life
- Unique S lift curve technology, cube landing in the high speed adjustment from the above servo position loop, speed control loop.
- Ultra-smooth not shake down
- Speed multi-stage smooth motion, efficiency is still far more than ordinary movement.



- Small volume light weight
- Powerful, fast speed
- Can be used frequently, stable operation
- Low noise, security and stability
- Control precision, Soft curves

Testing



temperature test



vibration test



anti-jamming test



frequency test



high-voltage test



static shock test