



Intelligent Non-Spring Barrier Gate

Entrance Automation



Safe and reliable, featuring a new precision cast steel design with a three-link anti-skid device.

The arm automatically lifts when the power and angle are adjusted without dropping.

No springs are required, eliminating the need for balance adjustments, making it suitable for both long and short arms and more convenient to use.

The springless cabinet is more compact, reducing shipping costs.

Left and right interchangeability simplifies inventory management.

Changing the arm is easier, with no need to calculate the number of springs.

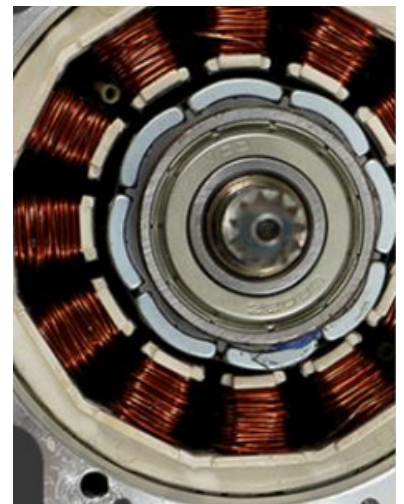
Intelligent Non-spring Barrier Gate



Feature

- Safe and reliable, new precision cast steel Design of three links anti-skid devices.
- Automatically lift the arm when the power and the angle do not drop the arm.
- Non-spring, no need to adjust the balance, suitable for long and short arms, and more convenient to use.
- The non-spring cabinet can be smaller.
- lower shipping costs.
- Left and right interchange is convenient, saving inventory.
- It is more convenient to change the arm, no need to calculate the number of springs.

1. Working temperature(motor): $-25^{\circ}\text{C}\sim+60^{\circ}\text{C}$
2. Rated voltage: 24/100/240VAC,50/60Hz
3. Running speed: 2.55s-8s
4. Rated power: 200W
5. Driving Method: Brushless Motor
6. Motor No-load Speed: 1800r/min
7. Relative humidity: 90%
8. Remote control distance: <50M (in the open place)
9. IP Degree: IP54
10. Max length of arm: 1M-6M



Brushless Force Distance Motor Movement



Brand new precision cast steel three-link design, ensuring smooth operation. The lift stays in place with a self-locking mechanism when powered off.

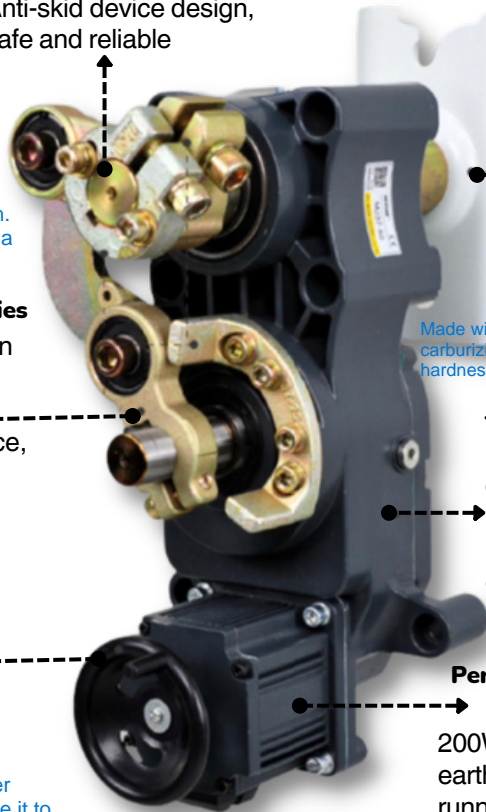
Cast steel accessories

Brand new precision cast steel three-link design, smooth operation, lift in place, self-locking design when power of

Manual rocker

After a power failure. shake it manually to open the gate
In the event of a power failure, manually shake it to open the gate.

Patented non-slip design
Anti-skid device design, safe and reliable



Easy to disassemble and assemble, with no deformation, significantly improving production efficiency and simplifying maintenance.

No welding Boom Bracket

Easy disassembly & assembly, no deformation, greatly improve production efficiency, and easy maintenance

Made with special materials and subjected to carburizing and quenching heat treatment, achieving a hardness of 60 HRC and a torque of 400NM.

Four-stage gear transmission

Using special materials, carburizing and quenching heat treatment, the hardness reaches 60 degrees, and the torque reaches 400NM

Permanent magnet rare earth brushless torque motor

200W permanent magnet rare earth motor. 5 million times running without failure test

200W permanent magnet rare earth motor, tested to run 5 million times without failure.

SPECIAL BARRIER POWER SOLUTION

SPECIAL CONTROLLER ADVANTAGE

Independent research and development controller

High performance, many interfaces, strong functions, fast response, large memory and stable operation

Controller adopts imported ST chip

Good stability and high reliability

Controller can realize complex algorithm

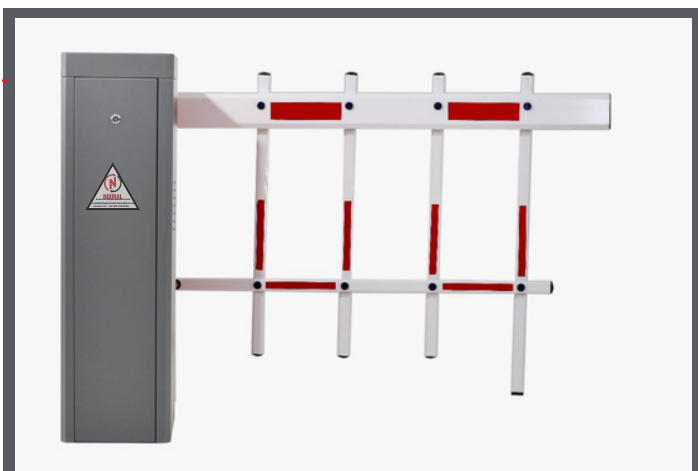
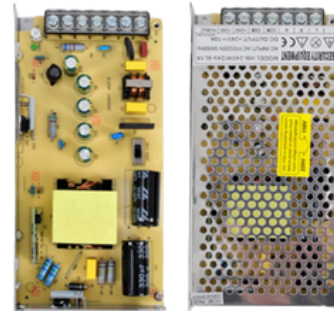
Can be completely intelligent

Controller has large memory

Enables powerful data writing, fast processing and recall

1. High performance
2. Multiple interfaces
3. Fast response
4. Stable operations
5. Controller with ST chip
6. Enables powerful data writing
7. Fast processing and recall
8. Controller with advance technology

REGULATED AND CONSTANT VOLTAGE DESIGNS



About Us

Team Nirmal has been manufacturing, supplying, installing and servicing entrance automation systems for Industrial, Residential & Commercial uses. During 27+ years of experience, we have built up a strong relationship with our customers by providing reliable & quality products. We, at Nirmal Automation, are proud to be contributing towards the growth story of India since 1994.

27+

Years of
experience

1.2k

Happy
Client

3.4k+

Units delivered
successfully

A FEW ESTEEMED CLIENTS



OUR RANGE OF PRODUCT



GARAGE
DOOR



DOCK
LEVELER



BOOM
BARRIER



SWING
DOOR



AUTOMATIC
SLIDING GATE



BOLLARD



HIGH SPEED
DOOR



ROLLING
SHUTTER



SECTIONAL
DOOR



SLIDING
GATE



SWING
GATE



RETRACTABLE
GATE



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