

## 18B DC24V Gate Brushless Motor For Vehicle Plate Reading On Expressways

Our Product Introduction

for more products please visit us on [automaticbarriersgates.com](http://automaticbarriersgates.com)

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: CBG
- Minimum Order Quantity: 2 pieces
- Price: \$189.00/pieces 2-99 pieces
- Supply Ability: 2000 Piece/Pieces per Month



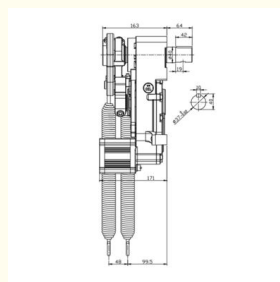
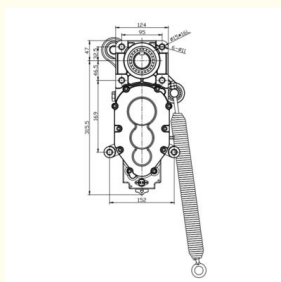
### Product Specification

- Port: Shenzhen
- Highlight: DC24V Gate Brushless Motor,  
Vehicle Plate Reading Gate Brushless Motor,  
Expressways Gate Brushless Motor

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### More Images



## Product Description

### 18B DC24V Brush-Less Single Unit Mechanism For Vehicle-Plate Reading On Expressways

#### Product Description

1. DC24V working voltage, even if accidentally touched, will not cause harm to the human body, making it safer.
2. It has resistance rebound function, providing a sense of use and effectively reducing losses caused by accidents.
3. Support the power shutdown lever function to ensure quick release in case of power failure.
4. By using a photosensitive probe to detect the light intensity in the surrounding environment of the gate, the gate rod can be automatically controlled to open and close without manual intervention, saving energy and making it more environmentally friendly.

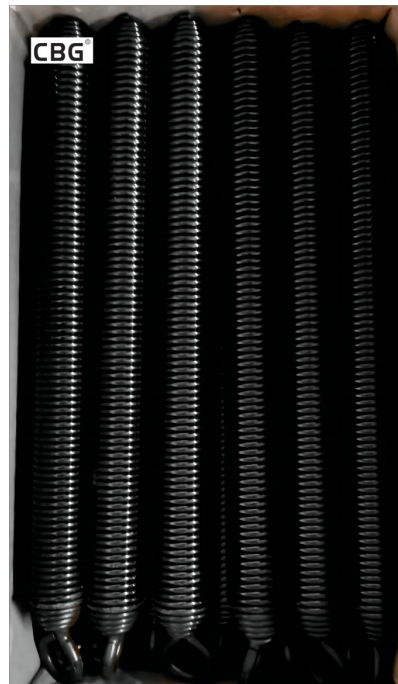
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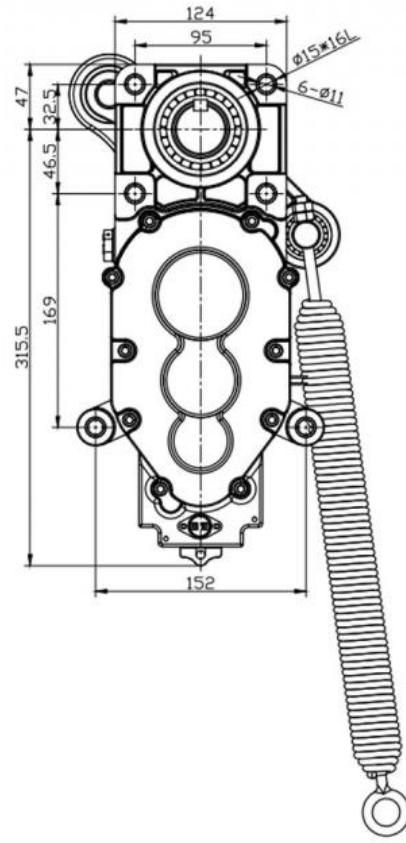


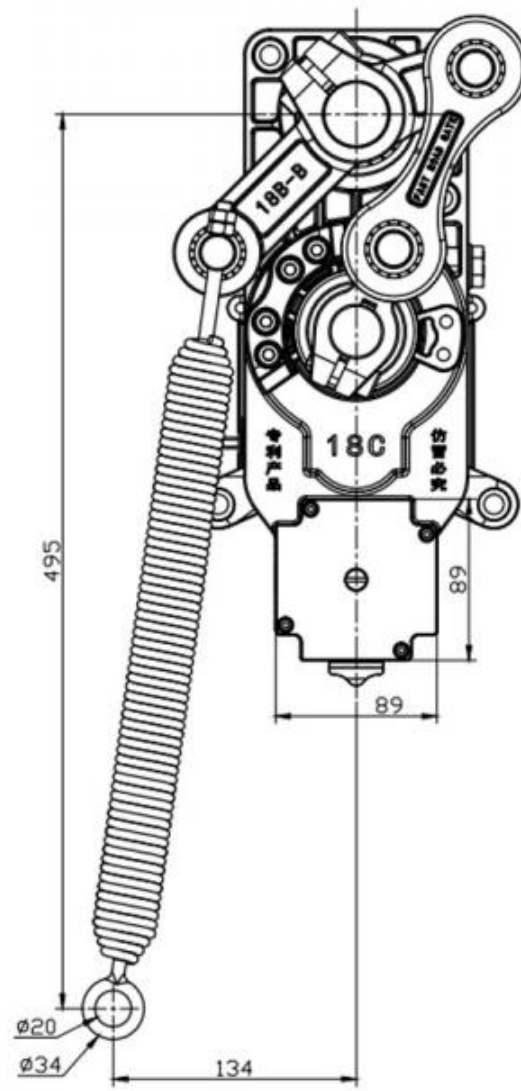


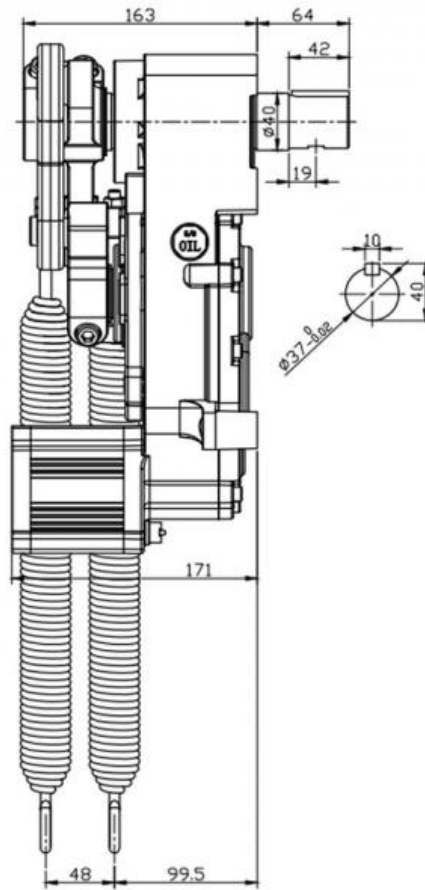
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## Specification

Voltage:DC24V

Insulation Class:F

Gate Operation Time:0.3-5S

Output Efficiency:120W

Humidity:85% or lower

Operation Lifetime:>=5 million times

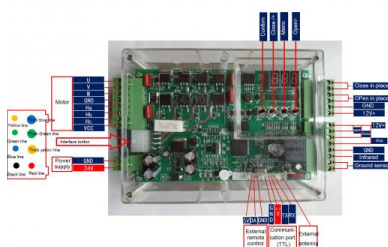
Current:6A

Altitude:1000M or lower

Temperature Range:-40°C to +60°C

Generally suited for controlling gates leading to highways and expressways as well as vehicle-plate reading systems for gated communities and commercial parking lots.

## 18B details

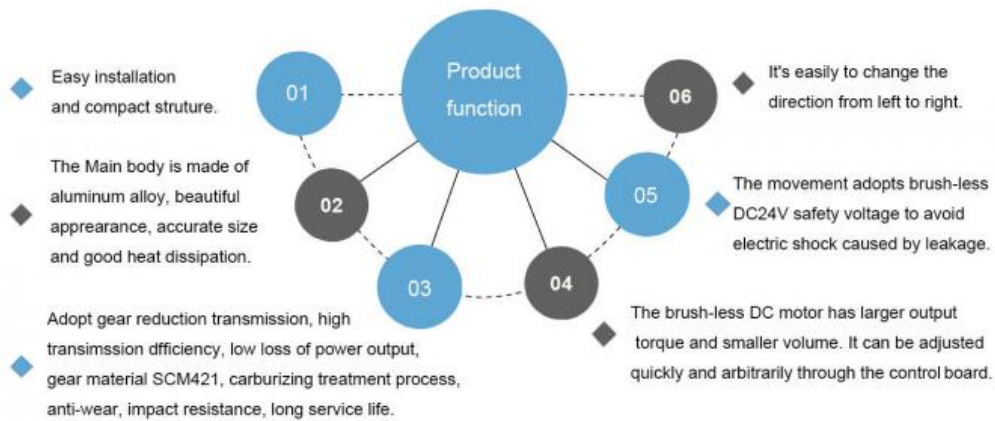






## Functions & Features

CBG



## Packing & Delivery

### The packaging of 18B unit motor



1.Put polyurethane foam inside



2.Cover with plastic and put the motor into the carton



3.Seal the carton with tape

Single net weight: 16kg

Single package carton size: 38.5X20.8X25CM

Package Type: Carton or Wooden case

## Old and New Product's Difference



### Before:

- 1) Worm gear, general appearance
- 2) The previous products use with Rv50 reducer and added the splint to compose the movement. The worm gear is a consumable product. After using a long time, there will be a large gap, the pole will be not stable and shake so will cause the gear reducer to grind.
- 3) The products mainly used with AC 220V motor, the fixed speed was not adjustable.
- 4) Open structure, a low degree of protection, easy to enter water.
- 5) AC220V.
- 6) During installation, needs to adjusted the magnet position to ensure the door opening angle. After a long time, the shaking will affect the limit position or the pole may be deviated downwards.



### After:

- 1) Gear transmission structure, beautiful appearance, compact structure, strong overall sense.
- 2) The new products are tailor-made for this industry and the gear adopts the processing technology of worm grinding wheel grinding after heat treatment, fine rolling of hard alloy hob, etc., the accuracy grade  $\geq$  GB / T100951, 2-2001 7 level.
- 3) The new product uses with DC brushless motor to avoid the problem of carbon brush life. Adjustable speed.
- 4) The entire seal structure, high degree of protection ( $\geq$ IP55); have a rainproof capability.
- 5) DC24V(Safe voltage)
- 6) Installed the chassis, adjust the position automatically after power on, and adjust the angle of rising pole and falling pole at will.

## Company Profile



Shenzhen Chengbang Electromechanical Industry Limited is a manufacturer specializing in the production of non-standard reducers and motors for road gates, gear reduction machines, aluminum shell motors and gate motors.

We're the manufacturer of boom barrier mechanism in China more than 10 years. The current is more than 100 staffs

and 3 factories. We can customize according to customer needs.



Visit Factory

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## FAQ

### 1. who are we?

We are based in Guangdong, China, start from 2010, sell to Africa (2.00%). There are total about 101-200 people in our office.

### 2. how can we guarantee quality?

Always a pre-production sample before mass production;

Always final inspection before shipment;

### 3. what can you buy from us?

boom barrier, DC motor, gate road motor, car park barrier

### 4. why should you buy from us not from other suppliers?

We're the manufacturer of boom barrier mechanism in China more than 10 years. The current is more than 100 staffs and 3 factories. We have professional equipment, assembly line production and quality assurance. We can customize according to customer needs.

### 5. what services can we provide?

Accepted Delivery Terms: FOB, EXW

Accepted Payment Currency: USD, EUR;

Accepted Payment Type: T/T, PayPal, Cash;

Language Spoken: English, Chinese

## Exhibition



## Enterprise Qualification

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**CBG<sup>®</sup> Shenzhen Chengbang Electromechanical Industry Limited**

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