



DC24V 140W High Torque Boom Barrier Motor with 5M Operations

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: CBG, CBG
- Model Number: 18B
- Minimum Order Quantity: 1
- Price: \$169-189



Product Specification

- Voltage: DC24V
- Insulation Class: F
- Operation Lifetime: >=5 Million Times
- Output Power: 140W
- Net Weight: 16KG
- Package Size: 38.5X20.8X25CM
- Protection Degree: ≥IP55
- Motor Type: DC Brushless
- Speed Adjustment: Adjustable
- Gear Accuracy: ≥GB/T100951, 2-2001 7 Level
- Transmission Structure: Gear
- Altitude Limit: 1000M Or Lower
- Rainproof Capability: Yes
- Seal Structure: Entire Seal
- Voltage Safety: Safe Voltage



More Images



Product Description

High Torque Shenzhen Electric Auto Barrier Gate DC Motor for Boom Barrier

Attribute	Value
Warranty	2 Years
Voltage	DC24V
Insulation class	F
Operation Lifetime	>=5 Million times
Output power	140W
Feature	Durable
Color	Optional
Altitude	1000M or lower

Company Profile

Shenzhen Chengbang Mechanical and Electrical Industry Co., Ltd. was established in 2010, located in Guangdong China. The factory with 50,000 square meter areas and more than 50 experienced employees which supply ability is 2000pcs per month. We are the professional manufacturer for vehicle entrance management system and equipment (Swinging door operating mechanism, Brush-less gate motor, DC brush-less single unit operating mechanism, Commercial gate operating mechanism and so on). We have strong scientific technology, first-class produced lines, advanced gear testing centers and high-precision advanced equipment, imported CNC gears which are ahead of our peers in terms of quality. In pursuit of high quality products, excellent reputation, continuous innovation and development and perfect after-care service, we d launched a series of diversified products.



Product Specifications

Single net weight: 16KG

Single package carton size: 38.5X20.8X25CM

DC Brush-Less Single Unit Operating Mechanism >>>



Product Parameters

Voltage: DC24V

Output Efficiency: 120W

Current: 6A

Insulation Class: F

Gate Operation Time: 0.3~5s

Operation Lifetime: ≥ 5 million times

Working Environment

Temperature Range: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$

$[-40^{\circ}\text{F} \sim +140^{\circ}\text{F}]$

(temperatures below $-20^{\circ}\text{C}/-4^{\circ}\text{F}$

require a heating element)

Humidity: 85% or lower

Altitude: 1000M or lower

Applications

Generally suited for controlling gates

leading to highways and expressways,

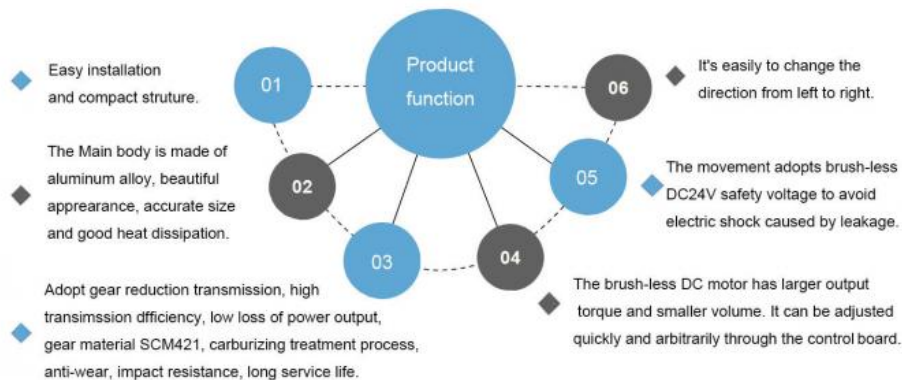
as well as vehicle-plate reading systems

for gated communities and commercial

parking lots.

Functions & Features

CBG





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

Product Improvements

Previous Version:

- Worm gear, general appearance
- 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.
- The products mainly used with AC 220V motor, the fixed speed was not adjustable.
- Open structure, a low degree of protection, easy to enter water.
- AC220V.
- 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.

**Improved Version:**

- Gear transmission structure, beautiful appearance, compact structure, strong overall sense.
- 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.
- The new product uses with DC brushless motor to avoid the problem of carbon brush life. Adjustable speed.
- The entire seal structure, high degree of protection (\geq IP55); have a rainproof capability.
- DC24V (Safe voltage)
- Installed the chassis, adjust the position automatically after power on, and adjust the angle of rising pole and falling pole at will.

Manufacturing Facilities









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