

## Boom Barrier

### BG-BDC-RL-100

New Noise less, Non Spring Boom Barrier



## Specification

Working Temperature : -30°~+70°  
Power Supply : DC24V, AC220V/110V, 50/60Hz  
Open/close Speed : 1.5Sec-6Sec  
Rated Power : 160W  
Driving Method : DC Brushless Motor  
Output torque : 56.8N.m  
Remote Control Distance : ≤100m(In open Space)  
Protection Grade : IP54  
Motor No - load Speed : 1850 r/min  
Max Boom Length : 6m  
Input Interface : Photo cell, loop detector, Manual Switch  
Net Weight : 35Kg  
MCBF : 5 million time

### Features

1. The operation speed can be adjusted(1.5sec to 6sec).
2. Arm direction can be quickly interchanged from Left to Right.
3. Barrier gate up &down signal relay switch output.
4. R&G Traffic light relay switch signal output.
5. External loop detector signal anti-smashing interface.
7. Count mode interface.
8. Arm swing out function, when the vehicle hit the barrier gate, the arm can be swing out to avoid further damage on vehicle & machine core.
9. High-sensitivity arm auto reverse function (intensity can be adjusted).
10. RS485 communication interface.
11. Automatic arm lift function when power off (need to add power storage module)

### Barrier Mechanism Features

1. Advanced mechatronics hoisting design concept : Structure compact, quickly assembly, easy maintenance.
2. Molding production: high precision, fast efficiency & guaranteed quality.
3. Worm-gear secondary variable speed transmission: high precision, long lifetime, motor wheel design, gate opening by manually when power off, no blocking, no oil leakage, large torque, low noise ,can normally operation at the temperature of minus 35 degrees, etc.
4. DC brushless motor design : low consumption, high efficiency, no overheat, wide speed adjustment.
5. Hall limit : automatically detects the limit when power on without debugging, detecting the motor speed at all times & running at constant speed, running stable.
6. New curved triple connecting rod structure, easy to adjust.
7. Arm direction quickly interchanged : interchanged according to different directions on construction site, reduce inventory and capital pressure.
8. Special DC brushless controller : use integrated chip drive, fast processing speed, large memory, powerful function, high degree of automation;24V low voltage power supply, adapt to global voltage, safe and reliable.

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