



GRS.BG.Toll barriers were specially designed to suit application for toll way market where high volume access, high speed movement, high quality and reliability is important.

Barrier Housing

- Housing made of folded and welded electro galvanized Steel Sheet, from 2mm to 6mm thick. Solid housing
- Front and top access panel provides easy access to the mechanism and controller.
- Weather-resistant, removable top cover, locked by key.
- Powder coated to protect against corrosion.
- Equipped with a dual color LED light (Green and Red) on the barrier body.

Geared Motor

- AC Servo motor with a high quality aluminium extruded housing.
- Ensuring very fast acceleration and deceleration with a high torque, low noise, fast response and stable speed.

Robust Mechanism

- Made of die-cast and lasered steel.
- Specially design for intensive usage in severe condition.
- Shaft-mounted on two life-lubricated ball bearings.

Swing Away

- Equipped with Ø38mm carbon fiber boom protected with Ø85mm Eco-friendly EPE foam tube.
- Arm breakaway device to prevent damage to the barrier in case of impact to the arm.
- A boom contact is available to provide feedback when the boom is missing or swung away.
- Optionally, the boom arm can be equipped with a dual color LED light (Green and Red).

Spring-less System

- The barrier does not require balance spring(s) to assist in movement.

Automatic Opening

- Selection of having automatic opening of boom or maintained in position upon power failure by simple parameter setting.

Control Unit

- Easy to do barrier configuration with a digital LED display and 5 navigation keys.

for detail information :