



GRS.BG.STD barriers were specially designed to suit application for motor 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 4mm thick solid housing.
- One piece access panel provides easy access to the mechanism and controller from front and top.
- Weather-resistant, removable access panel 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

- DC servo motor with a high quality aluminium extruded housing.
- Ensuring very fast acceleration and deceleration with a high torque, low noise, fast response, accurate end position stops and stable speed.

Robust Mechanism

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

Swing Away Boom Arm

- Applicable for model M1 & M2 series.
- Equipped with Ø38mm carbon fiber boom protected with Ø85mm Eco-friendly EPE foam tube or aluminium oval boom.
- Arm breakaway device to prevent damage to the barrier in case of impact to the arm.
- Optionally, a boom contact is available to provide feedback when the boom is missing or swung away.
- The carbon fiber boom is equipped with a dual color LED light (Green and Red). Optionally, the aluminium boom arm can be equipped with a dual color LED light (Green and Red).

Automatic Opening

- Automatic opening of boom upon power failure.

Control Unit

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

for detail information :