

aprigate[®]

automatic entry systems

100%
Duty Cycle

Boom Gate System

Superior Performance with

ULTIMATE TECHNOLOGY

*Aprigate boom gate motor gear box corresponding specification and standard :
CE Mark, Conformity Declaration and Manufacturers Declaration ISO 9001

- Protection IP 55
- EMC Directive 89/336/EEC
- Low Voltage Directive 73/23 EEC
- Matsushita micro switch: UL/CSA/VDE/SEMKO approved

CE

ISO 9001



model:

BG-3



Automatic Reverse Function



Swing Away Mechanism

Boom gate system technical specification:

- The cylindrical shaped boom arm is made from extruded aluminium tube and powder coated in white with red reflective tape
- Barrier boom arm length 3m
- Operating time of opening 1.5 / closing 2.5 seconds for boom arm to shift from the horizontal to vertical position
- A leveling system to lock the barrier boom arm at both end positions
- The boom gate system is equipped with manual release in the event of power failure or faulty operation
- Left and right hand boom arm configuration are available
- The boom gate system is designed to handle high volume of traffic and has a 100% duty cycle
- The boom arm is joined to a **Swing Away Mechanism** which will shear off in case of accidental collision with the boom arm and to prevent damage to the barrier and boom arm - selectable
- The boom gate system provides **Automatic Reverse Function** if it hits an obstruction - selectable

Technical Data	Unit	Boom Gate 3
Maximum boom arm length	mm	3000
Opening / closing time	S	1.5 / 2.5
Power Supply	V	230
Power consumption	A	1.2
Frequency	Hz	50-60
Depth	mm	350
Height	mm	1000
Housing width	mm	350
Round arm diameter	mm	76
Gearbox Lubricant	:	Long life & maintenance free synthetic based oil
*Gearbox	:	Gearbox housing material meets G20 UNI 5007
Housing	:	Manufactured from 2mm zinc plated sheet steel on to a base frame of phosphate and powder coat finished for maximum protection from corrosion
Performance	:	100% duty cycle
Available version	:	Left & Right shift configuration
Available colour code	:	Orange RAL 2000

Optional items:

- **Battery backup**
- **Articulated arm available for limited height application**
- **Loop detector VTSL**
Configurable 2 relays contact characteristic for presence and pulse output for control opening and closing of the boom arm.
- **Optional housing color : green RAL 6017, blue RAL 5002**

For enquiries, please contact :

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*MADE IN ITALY
2 years warranty



Normal Operation



Swing Away Mechanism