

# aprigate®

automatic entry systems

**100%**  
Duty Cycle

## Barrier Gate System

Superior Performance with

### ULTIMATE TECHNOLOGY

\*Aprigate barrier 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



Automatic Reverse Function



\*\*Swing Away Mechanism

Model:  
**BG 3**

## Technical Data:

- The cylindrical shaped barrier arm is made from extruded aluminium tube and powder coated in white with red reflective tape
- A leveling system to lock the barrier arm at both end positions
- The barrier system is equipped with manual release in the event of power failure or faulty operation
- The barrier system is designed to handle high volume of traffic and has a 100% duty cycle
- The barrier arm has a **Swing Away Mechanism** which will shear off in case of accidental collision with the barrier arm and to prevent damage to the barrier and barrier arm - selectable
- The barrier system provides **Automatic Reverse Function** if it hits an obstruction - selectable

Technical Data	Unit	BG 3	BG 4	BG 6
Max. barrier arm length	mm	3000	4000	6000
Opening / closing time	S	1.5 / 2.5	2.0 / 3.0	7.0
Power consumption	A	1.2	1.2	2.5
Power Supply	V	230		
Frequency	Hz	50-60		
Depth	mm	360		
Height	mm	1060		
Housing width	mm	360		
Arm type		Round arm		Rectangular arm
Arm diameter	mm	76		44.5 x 112
Gearbox Lubricant	:	Long life & maintenance free synthetic based oil		
*Gearbox	:	High impact die-cast aluminium machined precision		
Housing	:	Manufactured from 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 configuration		Left configuration
Available color code	:	Orange RAL 2000		

\*2 years warranty    \*\*Applicable for BG 3 & BG 4 only

## 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 barrier arm.
- **Optional housing color : green RAL 6017, blue RAL 5002**



**Normal Operation**



**Swing Away Mechanism**

For enquiries, please contact :