

## BARRIER GATES

### PG 6 AND PG 20 MODELS

#### Power Requirements

>Voltage	220V AC $\pm$ 15% (115V AC 60 HZ Optional)
>Frequency	50 Hz Single Phase
>Operating temperature	-20° to 55° Centigrade
>Current consumption	80 VA typical
>Environmental	Waterproof housing. Conformal coating on all printed circuit boards.
>Safety Approval	Certified to meet CE standards

#### Mechanical

>Cabinet dimensions	930mm (high) x 345mm (wide) x 380 (deep)
>Material	1.6mm mild steel. (304 Stainless steel optional)
>Finish	Epoxy powder coated
>Standard Colours	Yellow, Red or White. Other RAL colours available on application.
>Motor	Torque motor/gearbox combination with built-in capacitor
>Motor Speed	TM 3.0 has approx. 3.0 seconds raiser/lower. TM 1.2 has approx. 1.2 second raise/lower
>Reversible Option	Configurable for left or right hand lanes.
>Power-Fail Protection	Automatic arm raise on power fail.
>Access	Side door 280mm x 650mm.

#### Gate Arm

>Lengths	3 Meter, 4.5 Meter or 6 Meter
>Material	Extruded aluminium tubing
>Finish	White epoxy powder coated, red reflective tape

#### Motor

>Opening times	3 seconds TM 3 1.2 seconds TM 1.2 (note TM 1.2 can only be used with 3 meter arm )
>Type	Torque motor/gearbox combination
>Output torque	35 N.M. 10 RPM 15 N.M. 23 RPM Approximately
>Shaft speeds	10 RPM 3 second opening time. 25 RPM 1.2 second opening time.

#### Drive Mechanism

>Arm arc travel	87.5° to 92.5°
>Arm drive	Offset lever arm drive with over centre lock at raise and lowered positions
>Arm damping	Rubber buffer end stops
>Arm counterbalance	Dual adjustable counter balance springs, tension according to arm length
>Arm position	Configurable for right hand or left hand applications
>Power fail protection	Settable for arm raise or arm lower on power fail

#### Electronic Control Logic

>Technology	Digital, microcontroller-based logic
>Isolated Inputs	Non-memory, memory, closing, remote raise/lower, auxiliary
>Outputs	direct motor drive, ticket dispenser interlock, counters, Auxiliary 12 Volt DC power 100 Ma
>Counters	On board or remote, both optional
>Loop Detectors	Pluggable optional closing and auxiliary detectors