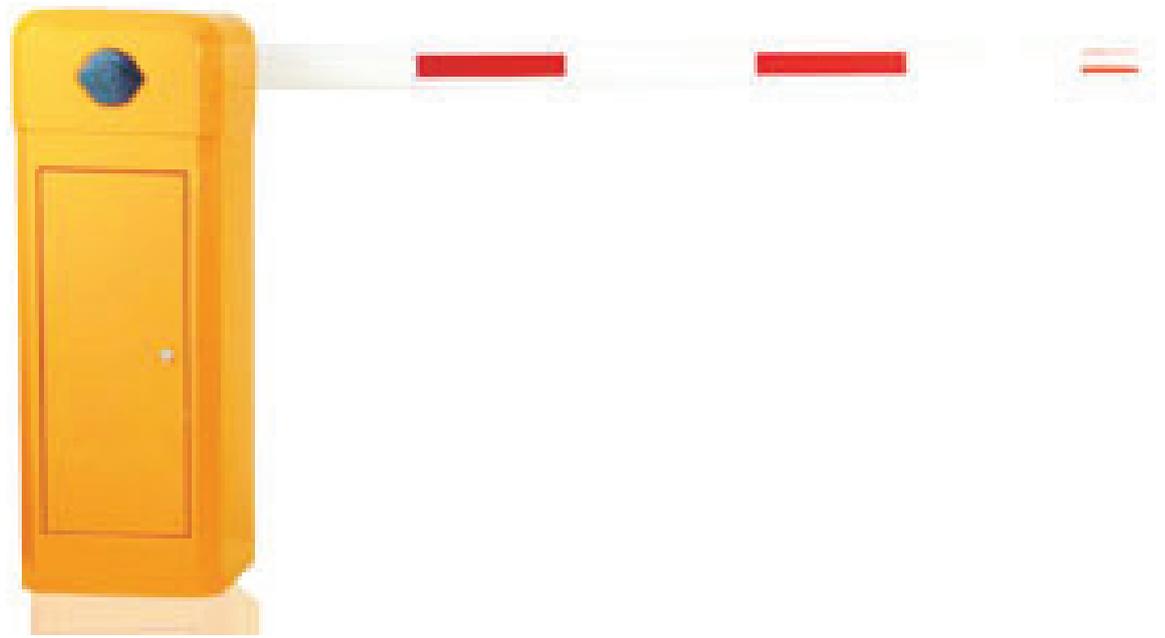




Inspired by  
Our Clients  
& Our People



**Barrier Gates**

KAPS<sup>®</sup>



KEEP MOVING

## What is a Barrier?

The KAPS BL SERIES BARRIER GATE is designed to offer maximum reliability, efficient operation and easy maintenance. The electronic parts are modular so that all components are readily changeable in the field, ensuring quick and easy on-site maintenance and minimum down time. The barrier gates can be used in a wide range of applications including parking garages and vehicle security access, and can be used in conjunction with turnstile and roller shutter-door controlled access. Compatible with any ticket dispensers, exit system or card/proximity reader controlled access system, the KAPS barrier gate offers a quality, dependable product to the parking and security industries.

A range of ancillary devices including lane counters, warning lights, sirens, jackknife assembly, on-line communications and traffic lights (go/stop) can be fitted to the barrier gates as optional extras.

KAPS Barrier gates are manufactured in conjunction with PG Barriers Pty of South Africa.

## Features of the KAPS Barrier Gate include: -

- Meets stringent UL and CSA approval and safety standards
- Standard use of Torque Motors
- Compact size in a range of colours in galvanized steel, or optional in stainless steel
- Available in push button, remote-control loop detector or manual operation
- Automatic raise if power fails
- Operates up to 6 metre (20 foot) aluminium arm
- Fast opening and closing time
- Up to 2 plug-in self-tuning loop detectors Power Requirements

## Technical

- Voltage 230V AC 15% 115V AC 15 Optional
- Frequency 50Hz single phase for 230V AC; 60Hz single phase for 115V AC
- Current 80VA typical consumption
- Environmental Splash proof housing. Conformal coating on all printed circuit boards
- Operating -10° to 55° centigrade (14° to 131 temperature Fahrenheit)
- Safety approval Certified to meet UL and CSA safety standards Mechanical
- Cabinet 930 mm (high) x 345mm dimensions (wide) x 380mm (deep) (36.6" x 13.6" x 15")
- Material 1.6mm (.06") mild steel galvanized. Stainless steel 304 optional. 2mm Steel optional
- Finish Epoxy powder coated (Exterior grade)
- Standard Yellow, Red or White. colours Other colours available on application
- Access side door, 280mm x 650mm (11" x 25.5") lockable and hinged
- Mounting method Top lid, internally latched, removable
- Mass 56kg (123 lbs) Barrier Arm
- Lengths 3.0m, 4.5m or 6.0m (10', 15' or 20')
- Material Extruded aluminium tubing
- Finish White epoxy powder coated, aspiral red reflector

## Other colour configurations available on application

- Dimensions 76.2mm (3") OD, 1.27mm (0.05") wall thickness
- Mass 0.81kg per meter (0.54lbs per foot) Motor
- Type Torque motor/gearbox combination with built in capacitor
- Output torque 23Nm approximately
- Shaft speed 10 RPM typical
- Raise/lower time TM 2.8 has approximately 2.8 seconds, TM 1.2 has 1.2 seconds Drive Mechanism
- Mechanism Single removable drive/ motor mounting assembly
- Arm arc travel 90 degrees approximately
- Arm drive Offset lever arm drive with over center lock at raise and lowered Positions
- Arm damping Rubber buffer end stops
- Arm counterbalance Dual adjustable counterbalance tension springs, according to arm length
- Reversible option Configurable for reverse operation
- Power-fail protection Automatic arm raise on power fail Electronic Control Logic
- Technology Digital micro controller-based logic
- Isolated inputs Non-memory, memory, closing, remote raise/lower, auxiliary
- Outputs Direct motor drive, ticket dispenser interlock, counters, DC power
- LED indicators Status, non-memory and memory inputs
- Integral timers Selectable auto-close and auto reverse timers
- Toggle switch Raise override, automatic, lower override
- Counters On board or remote
- Loop detectors Pluggable optional closing and auxiliary detectors
- Terminal connectors Pluggable 32-way