



total access control

1602 BARRIER GATE
OPERATOR

PARKING CONTROL SYSTEM



3 features

- Designed to control wide traffic lanes (20 feet maximum) in limited use applications
- Suitable for low-cycle applications to restricted access areas such as prisons, airport security areas or industrial sites
- Electronic limit settings
- Rotates the arm 90° in approximately 5 seconds
- Three-piece wishbone style arm has a maximum length of 20 feet

1602



total access control

TECH SPECS

class of operation

Class III, IV

electrical requirements

1 HP

115 VAC, 60 Hz, 7.0A

230 VAC, 60 Hz, 3.5A

460 VAC, 60 Hz, 1.8A

Optional "Convenience Open" DC system available

housing

G90 galvanized steel painted white

optional stainless steel housing available

mechanical

Primary Reduction: 60:1

worm gear running in a continuous oil bath

Speed: 90° approx 5 sec

release method

fail-secure mechanical

operating temp

10°F to 140°F

-12°C to 62°C

Optional heater and fan kits available

arm/gate limitations

Max arm length:

Wood: 20 feet (6m)

Three (3) piece wishbone style arm

loop detectors

Port for plug-in open (up) detector

Port for plug-in reverse (down) detector

advanced features

Electronic limits

Auto-close timer 1-23 seconds

Gate Tracker™

Auto-sequence

Left / right mount

safety listing

Complies with UL 325 and UL 991 safety standards

ETL Listed

dimensions

Height: 38 inches (950mm)

Width: 15 inches (375mm)

Depth: 15 inches (375mm)

Shipping Weight:

Approximately 160-180 lbs (72-81kg)

Arm kit: 45 lbs (20kg)

Warranty: 2 year limited factory warranty

THE MODEL 1602 Barrier Gate Operators are designed for limited use applications such as industrial sites and loading dock areas. It is used to control wide traffic lanes (20 feet maximum) using a three-piece wishbone style arm. The heavy-duty harmonic arm linkage assures smooth and accurate arm travel of 90° in approximately 5 seconds.



options -

- heater kit for cold environments
- fan kit for use in hot humid conditions
- reverse edge kit reverses the arm travel upon contact with a vehicle
- DC powered convenience open system that will cause the arm to raise automatically in the event of a power outage



automatic sequencing

when used in conjunction with slide or swing gate operators



circuit board

advanced microprocessor controlled circuit board



heater/fan kits

for extreme weather conditions (optional)



gate tracker™

output reports gate operator data to a companion DKS access control system



plug-in loop detectors

simplify installation and wiring



360° gear box rotation

before the motor changes direction. This provides for smooth operation, evens wear across the entire gear-box and increases the life span of the operator



magnetic limits

maintenance free electronic magnetic limits