



BARRIER GATE OPERATOR



automatic p.a.m.s.
sequencing with slide and
swing gates



folding arm
kits available for low
headroom applications



barrier arms
available in aluminum/wood or
plastic with optional foam padding



fan/heater kits
options available for extreme
weather conditions

- Designed for single lane (14 feet maximum) vehicular control in high traffic applications
- Electronic limit settings
- Operators are designed so that they can be mounted on either the left or right hand side of the roadway
- Available with a 14-foot aluminum or wood arm, or 12 foot plastic arm. A folding arm kit can be added for low headroom applications
- 360 degree gear box rotation provides for smooth operation and even wear, increasing the life span of the operator
- plug-in loop detectors simplify installation and wiring
- up input memory buffer
- down memory option

FEATURES

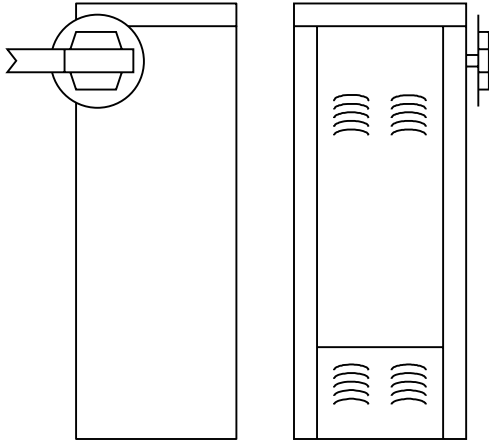
ACCESS CONTROL SOLUTIONS





1601 BARRIER GATE PARKING CONTROL

The Model 1601 Barrier Gate Operators are designed for high usage single lane (14 feet maximum) vehicular traffic control. Typical applications include commercial, industrial, gated communities and apartment complexes. A quick 1.5 second rotation opening time along with rugged construction and multiple optional features make this 1601 a versatile answer to many parking control problems.



1601 1/2 HP

15.25" W x 39.5" H x 14.75" D

38.7cm W x 100.3cm H x 37.5cm D

1601 Operator Specs

Class of operation	Max. arm length *	Primary reduction	Speed	HP	Power	DC Convenience Open Package
II, III, IV	14' (4.3m) wood 14' (4.3m) aluminum 12' (3.6m) plastic	40:1	90° approx 1.5 sec	1/2HP	115 VAC, 60 Hz, 5.4A 230 VAC, 60 Hz, 2.7A** 460 VAC, 60 Hz, 1.4A**	Optional

* Folding arm kits available for low headroom requirements

** These operators use a step-down transformer to achieve 115 VAC operating voltage

General Specs

Mechanical

Primary Reduction: 40:1
worm gear running in a continuous oil bath
Speed: Approximately 90° rotation in 1.5 sec
Housing: G90 galvanized steel painted white.

Release Method

fail-secure mechanical

Loop Detectors

Port for plug-in open (up) detector
Port for plug-in reverse (down) detector

Standard Features

Electronic limits
Auto-close timer 1-23 seconds
P.A.M.S. (Perimeter Access Management System) sequence with a slide or swing gate operator
Left / right mount
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

Advanced Features

Up input memory buffer
Down memory option
Multiple up commands

Options Available

Gate Tracker™ reporting output provides operator data to access control system (DKS 1833, 1835, 1837 or 1838 only)
Folding wood arm
Folding plastic arm
Heater kit and/or fan kit
Foam padding kit for wood or aluminum arm

Safety Standards

Complies with the UL 325 and UL 991 safety standards
ETL listed

Operating Temp

10°F to 140°F
-12°C to 62°C
Optional heater and fan kits available

Shipping Weight

Approximately 140-160 lbs (63-72 kg)
Arm kit: 15 lbs (7kg)

Warranty

5-year factory warranty

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