



The protrusion of the arm shaft, centered on the housing side, allows this parking barrier gate to be easily reversed from one side of the housing to the other.

This versatile parking barrier gate is used for medium to high traffic applications and is also suitable for wide lane management. The parking barrier gate is an ideal solution for apartments and condos, gated communities, business parking lots and garages, university parking areas and recreation operations from hotels to RV camps. The protrusion of the arm shaft, centered on the housing side, allows it to be easily reversed from one side of the housing to the other.

The cost-effective and intelligent parking barrier gate boasts speedy operation even for large capacity industrial facilities and performs well even under harsh environments. It safely controls vehicle access for 10 to 20 foot lanes. It offers a quick response time and fully opens in one to four seconds, depending on the length of the arm. In addition, the built-in frequency converter ensures progressive accelerations and controlled decelerations for a vibration-free movement and enhanced protection of the mechanism.





Features

- ✓ Housing made of folded and welded sheet steel, from 2 to 6mm thick, protected by two coats of paint
- ✓ Internal mechanical elements treated by ROHS-compliant electro galvanization
- ✓ Removable cover and locked by key
- ✓ Arm shaft mounted on two life-lubricated ball bearings. The protrusion of the shaft, centered on the housing side, allows it to be easily reversed from one side of the housing to the other
- ✓ The arm is on the left or on the right of the framework housing is balanced by spring
- ✓ Lever for manual unlocking (if not automatic mode set up)
- ✓ ASI320 control board enabling various additional commands and/or accessory options
- ✓ Base frame to be fixed in a concrete base to be provided by the customer
- ✓ Electro-mechanical assembly including:
 - An asynchronous three-phase geared motor
 - Movement transmission by crankshaft-rod device insuring mechanical locking of the boom arm in end positions
 - Automatic barrier unlocking device in case of power failure, opening then being possible by hand
 - Frequency converter ensuring progressive accelerations and controlled decelerations, for a vibration-free movement and enhanced protection of the mechanism (adjustable acceleration and braking ramps)
 - Limit switches activated by leaf spring



- ✓ Parametrical information contacts:
 - State of the barrier position (open or closed)
 - State of the presence detectors
- Command for master-slave barriers (movement of one barrier controlled by the other barrier)

Technical Specifications

- ✓ Electrical power supply: single phase 120VAC, 60Hz
- ✓ Power consumption (rest/movement): 55W/500W (at maximum speed and without options)
- ✓ Three-phase asynchronous 250W motor
- ✓ Life-lubricated worm-screw speed reduction unit
- ✓ Aluminum tube boom arm, with round section diameter 3.25"
- ✓ Length of boom arm (L): 10 to 20ft. Beyond 15ft., a standard tip support at the end of the arm is supplied
- ✓ Operation unperturbed by winds of 75mph
- ✓ Minimum operation time: from 1 to 4 seconds according to the boom length and the options chosen
- ✓ Net weight (excluding arm) 190lbs
- ✓ MCBF (mean cycles between failures): 2,000,000, with normal maintenance
- ✓ IP54 protection rating
- ✓ Configuration: Side door access to the mechanism, with security lock
- ✓ Options:
 - Key switch on housing
 - Inductive loops for cars or trucks detection
 - Photo electric sensor (automatic opening, closing after passage, safety)
 - Double limit switches for information on BL status in the event of power failure



GAO RFID Inc.

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Product Overview

RFID Enabled Parking Barrier Gate (410004)



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