



# 9220 VEHICULAR SLIDE GATE OPERATOR



**large gates**  
up to 2000 Lbs



**partial open**  
open gate short distance for cars or open fully for trucks



**variable speed**  
motor drive



**limit switches**  
direct driven and easily adjustable

- User adjustable variable speed control from 1/2 ft/sec up to 2 ft/sec
- Slow-start / slow-stop operation
- Advanced microprocessor control board features programming switches to set the mode of operation required and includes built-in diagnostics
- Special anti-tailgating and partial open features help to reduce unauthorized vehicle access
- Selectable loop function (stop or reverse)
- Ports for plug-in loop detectors simplify wiring and make installation easy
- Two 115 VAC convenience outlets
- Built-in power and alarm reset switches
- Direct driven limit switches for precise gate control

FEATURES

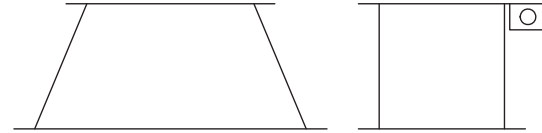
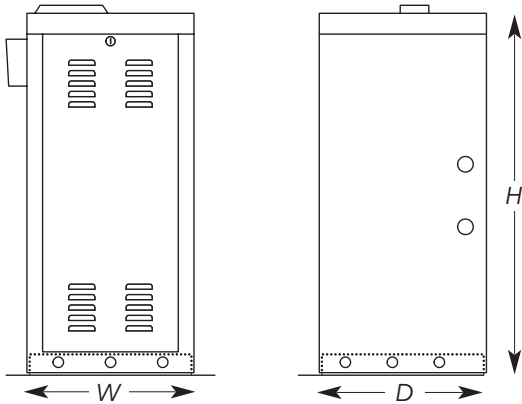
ACCESS CONTROL SOLUTIONS





# 9220 VEHICULAR SLIDE GATE OPERATORS

The model 9220 operator is designed for high security applications only – such as industrial locations, loading docks, factories, prisons, airport security areas, etc. Because of the need to prioritize security in these applications, the 9220 is designed as a fail-secure operator and requires manual operation to open the gate in the event of a power outage. To enhance security, the 9220 features an anti-tailgating circuit and an adjustable partial open feature to help prevent unauthorized vehicle access. In addition, the optional speed controller allows the user to adjust the gate speed from 1/2-ft/sec up to 2-ft/sec.



**optional pedestal**  
31.25" W x 12" H x 18" D  
79.4cm W x 30.5cm H x 45.7cm D

**9220 1 HP**  
16" W x 34" H x 16" D  
40.6cm W x 86.3cm H x 40.6cm D

## 9220 Specs

Class of operation	Max Gate Length *	Max Gate Weight *	HP	Power	
				1-Phase	3-Phase
III (Limited), IV (Restricted)	100 Ft (30.4 m)	2000 Lbs. (907 kg)	1HP continuous duty	208 VAC, 7.5A 230 VAC, 7.4A	208 VAC, 3.4A 230 VAC, 3.3A

\* Assumes gate to be level and in good operating condition.

## General Specs

### Mechanical

Primary reduction: 40:1 gear running in a continuous oil bath  
Chain: #50 roller chain  
Speed: Adjustable from approximately 1/2 to 2 feet/sec.  
Housing: G90 galvanized steel painted charcoal grey

### Manual Release

Fail-secure operator. Electrical interlock prevents gate from starting during manual operation

### Operator kit

Includes chain brackets, hardware, and 20-foot (6 m) of #60 chain

### Note

This operator is not designed for applications serving the general public such as gated communities, apartment complexes, residential applications, public parking garages, etc.

### Advanced Features

Adjustable speed control circuit, 1/2' to 2'/sec  
Slow start / slow stop  
Adjustable partial open limit  
Selectable stop/reverse loop function  
Anti-tailgating feature  
Solid-state motor relays  
Direct driven limit switches for precise gate control  
Built-in power and reset switches  
Two 115 VAC convenience outlets  
Ports for plug-in open and reverse loop detectors (DKS loop detectors only)

### Options

Heavy-duty pedestal style mounting stand (recommended for gates over 30 feet to allow use of chain support rail). Must be used with gates weighing over 1500 lbs  
Gate Tracker reporting output provides operator data to access control system (DKS 1833, 1835, 1837 or 1838 only)

### Operating Temp

10°F to 140°F  
-12°C to 62°C  
Optional heater kit recommended for colder environments

### Shipping Weight

Approximately 225 lbs (102 kg)

### Warranty

5-year limited factory warranty

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### DOORKING®, INC.

120 Glasgow Avenue, Inglewood, California 90301 U.S.A. Tel: 310-645-0023 FAX: 310-641-1586 www.doorking.com

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