



# 9220 VEHICULAR SLIDE GATE OPERATOR



• INDUSTRIAL • MAXIMUM SECURITY

- User adjustable variable speed control from 1/2 ft/sec up to 2 ft/sec
- Special anti-tailgating and partial open features help to reduce unauthorized vehicle access
- Selectable loop function (stop or reverse), and ports for plug-in loop detectors simplify wiring and make installation easy
- Direct driven limit switches for precise gate control
- 5-year limited warranty



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



**variable speed**  
motor drive

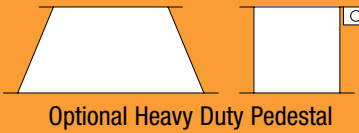
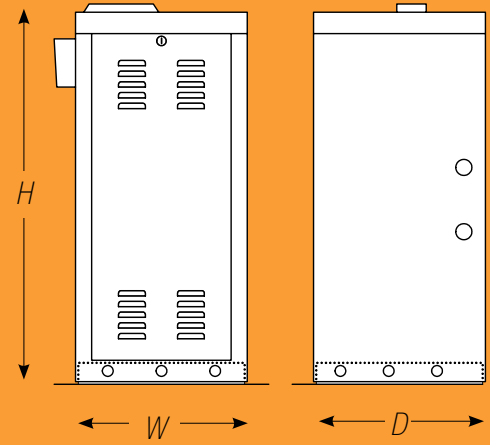


**limit switches**  
direct driven and easily adjustable



**large gates**  
up to 2000 Lbs

# 9220 VEHICULAR SWING GATE OPERATOR



## 9220 2 HP

16" W x 35.5" H x 16" D (40.6cm W x 90.17cm H x 40.6cm D)

Optional Pedestal: 31.5" W x 12" H x 16.5" D (80cm W x 30.5cm H x 41.9cm D)

	CLASS OF OPERATION	MAX GATE LENGTH *	MAX GATE WEIGHT *	MOTOR	INPUT 1-PHASE	INPUT 3-PHASE
<b>9220 #50 chain</b>	III, IV	100 Ft (30.4 m)	1800 Lbs. (816.5 kg)	2 HP continuous duty AC motor	208 VAC / 1 $\phi$ , 11.7A 230 VAC / 1 $\phi$ , 11.5A	208 VAC / 3 $\phi$ , 6.6A 230 VAC / 3 $\phi$ , 6.2A 460 VAC / 3 $\phi$ , 3.1A
<b>9220 #60 chain</b>	III, IV	100 Ft (30.4 m)	2000 Lbs. (907 kg)	2 HP continuous duty AC motor	208 VAC / 1 $\phi$ , 11.7A 230 VAC / 1 $\phi$ , 11.5A	208 VAC / 3 $\phi$ , 6.6A 230 VAC / 3 $\phi$ , 6.2A 460 VAC / 3 $\phi$ , 3.1A

\* Assumes gate is on level ground, in good condition with properly adjusted hardware. Other external factors may affect the performance of the gate operator.

## Technical Features

### Mechanical

Primary reduction is provided by a 40:1 gear running in a continuous oil bath

Operator is shipped with chain brackets, hardware and 20-feet of #50 or #60 chain (specify which)

Adjustable solid state speed control, 1/2 to 2 Ft./sec

Housing is G90 galvanized steel painted charcoal grey with stainless steel access door

### Options

Heavy duty mounting pedestal is recommended for gates weighing over 1500 Lbs. and is required if chain tray is used

Chain tray kit (p/n 2601-270) is available in 10-ft lengths and is recommended on gates exceeding 20-ft in length

Red/Green traffic signal provides a visual indication when the gate is safe & it is OK for traffic to proceed

Non-contact (photocells) and contact (sensing edges) secondary entrapment prevention devices

### Electrical

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

Slow start / slow stop

Adjustable partial open limit

Selectable stop/reverse loop function

Anti-tailgating feature

Solid-state motor relays

Power boost start circuit

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)

Optional Gate Tracker reporting provides operator data to a companion DKS access control system (models 1833, 1835, 1837 and 1838)

### Miscellaneous

Environmental: 10°F to 140°F (-12°C to 62°C)

Thermostatically controlled heater kit recommended for colder environments

Shipping weight approximately 225 Lbs (102 kg) Depending on model and options selected



### Safety

This vehicular slide gate operator is designed for Class III and IV applications only and should never be used in applications serving the general public such as apartment complexes, gated communities, residential applications, parking garages, etc.

External obstruction sensing devices must be used with these operators



Access Control Solutions since 1948

Distributed by:

### MEMBER:



**DOOR KING, INC.**  
 120 Glasgow Avenue, Inglewood, California 90301 U.S.A.  
 Tel: 310-645-0023 FAX: 310-641-1586 www.doorking.com  
 © 2013 All Rights Reserved. Product specifications may change without notice.  
 Rev. 4/13