



total access control

# 9050/9070 VEHICULAR SLIDE GATE OPERATOR



## Features

- Advanced microprocessor control board eliminates mechanical relays, switches and reversing contactors
- Automatic limit settings means no limit switch adjustments - ever
- Plug-in loop detectors simplify wiring and make installation easy
- Two convenience outlets for accessory transformers
- Fail-safe system allows for manual operation of the gate during power outages, or when an entrapment condition exists, without the need for any cranks, keys or other release devices
- Meets or exceeds the requirements of the UL 325 and 991 safety standards. ETL listed



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**MODELS 9050 & 9070** slide gate operators are designed for residential and light duty commercial (9070 only) applications.

DKS Class I, II and III slide gate operators use an innovative fail-safe design that significantly reduces the chance of injury or entrapment. This is just one reason why DKS operators are preferred by many of the countries leading access control/security installation companies, builders, homeowners, property management companies, safety directors and fire prevention bureaus.

## TECH SPECS

### class of operation

9050: Class I

9070: Class I, II

### electrical

9050: 1/3 HP intermittent duty  
115 VAC, 60 Hz, 1Ø  
4.3A @ 115 VAC

9070: 1/2 HP continuous duty  
115 VAC, 60 Hz, 1Ø  
5.4A @ 115 VAC

### mechanical

Primary Reduction: Single cog belt

Chain: #41

Speed: Approximately 10 in./sec

Cover: Steel cover is plated and painted

Frame: G90 Galvanized steel to prevent rusting

### manual release

Fail Safe: Push gate open

Fail Secure: Keyed release optional

### operating temp

10°F to 140°F

-12°C to 62°C

Heater kit recommended for colder environments

### gate limitations

9050 Max gate: weight: 300lb  
length: 16ft

9070 Max gate: weight: 500lb  
length: 22ft

Assumes gate to be in good condition on a level surface

### loop detectors

Port for plug-in open detector

Port for plug-in reverse detector

### advanced features

Automatic limit adjustment

Auto-close timer 1-23 sec.

Selectable loop function-stop or reverse

Automatically assumes fail-safe mode when an entrapment condition exists

### safety listing

Complies with UL 325 and UL 991 safety standards

ETL listed

### dimensions

Height: 22 1/2 inches

Depth: 11 1/2 inches

Width: 12 inches

Shipping Weight: Approximately 70 lbs

Warranty: 2 year limited factory warranty



### Entrapment Prevention Safety Advantages

- In the event of an entrapment, operator assumes a fail-safe condition allowing an entrapped person the opportunity to free themselves without outside intervention.
- No delay in opening the gate. No cranks or keys need to be found - just push the gate open. Operators with hand crank "emergency release" designs require up to 30 turns of the crank to move the gate just 1-foot!
- Never be locked out (or in). Most keys and cranks (if they can be located) can only be used inside the gate.
- No life-threatening delays for fire, police, ambulance or other public service agencies.



### convenience outlets

For plug-in accessory transformers



### plexi schematic

Wire connections are made simple with "plexi" schematic



### circuit board

Advanced circuit board with LED readouts & built in diagnostics



### self adjusting

Maintenance free electronic magnetic limits simplify installation and eliminate mechanical switch adjustments



### external switches

Power & reset



### swing up circuit boards

and modular design, allow adjustments and replacement of any part to be made easily in minutes without the need of dismantling the operator



DoorKing, Inc. | 120 Glasgow Avenue | Inglewood, California 90301 U.S.A.

Telephone: 310-645-0023 800-826-7493 FAX: 310-641-1586 E-mail: info@doorking.com www.doorking.com

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