



# VEHICULAR AC & DC

SLIDE GATE OPERATORS



Residential • Apartment/College Residence Halls • Gated Communities  
Mixed Use Buildings • Commercial/Industrial • Parking • Self Storage

**ACCESS CONTROL SOLUTIONS**



# VEHICULAR AC & DC

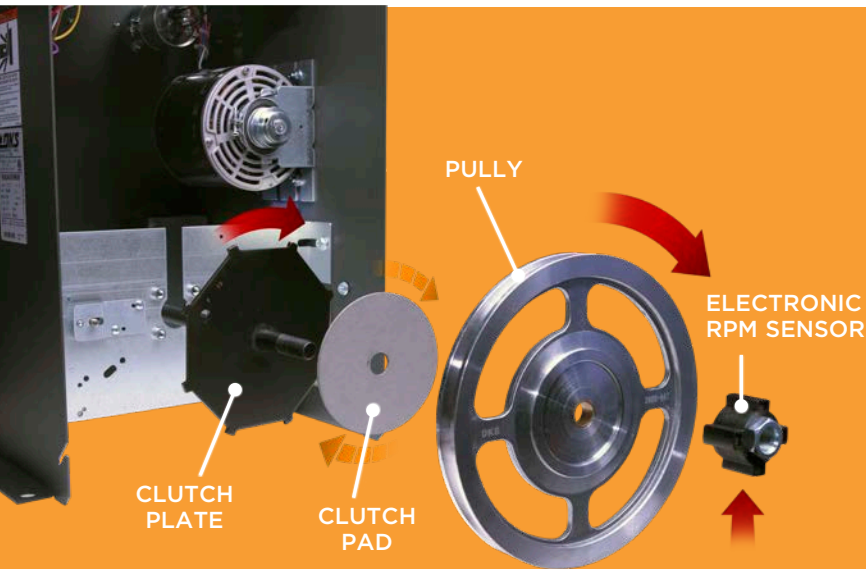
**9050/** For gates up to 16 ft (4.8m) / 500 lbs (227kg)

**RESIDENTIAL  
BUILT IN  
SAFETY  
FEATURES**



**9100/** For gates up to 30 ft (9.1m) / 500 lbs (453kg)

**THE SAFEST  
SELF  
ADJUSTING  
GATE  
OPERATOR**



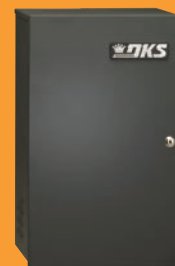
## DKS FAIL-SAFE: 9050 / 9100 / 9150

DoorKing Fail-Safe gate operators provide both electronic and mechanical obstruction sensing, making them the safest gate operators on the market.

Upon a power outage, these operators “fail” in a “safe” condition allowing the gate to be pushed open without any special keys, cranks or special knowledge. This is a requirement by many fire department authorities throughout the country.

## Whole System Power Backup

The Model 1000 power inverter provides backup power for a complete gated access control system (phone system, controller, accessories, keypads, etc.) when primary AC power fails by converting 12 volt DC power to 120 volt AC power. Maintains a completely operable access control system during power outages and is ideal for any application.



# SLIDE GATE OPERATORS

**9150/** For gates up to 45 ft (13.7m) / 1500 lbs (680kg)

**LARGE COMMERCIAL GATES**



**9000/** For gates up to 35 ft (10.6m) / 1500 lbs (680kg)

**9024/** For gates up to 40 ft (12.2m) / 1000 lbs (453kg)

**THE QUIETEST OPERATOR IN BOTH AC AND 24 VOLT DC BATTERY BACK-UP & SOLAR**



### Manual Release

9000 / 9024 Models • Easy to use manual T-handle  
9050 / 9100 / 9150 Models • Fail-Safe



### Gate Tracker™

9000 / 9100 / 9150 / 9024 Models  
Provides operator data to companion access controller (DKS 1833 / 1835 / 1837 / 1838)



### Safety-All Models

Automatically reverses gate when an obstruction condition exists.  
Compliant with the U.L. 325 standard for safety. Will provide a safe operating environment when installed correctly with the required entrapment protection devices.



### DC/Solar 9024

Operator is 24 Volt DC and includes built-in battery backup 115/230 VAC (switch selectable) or 24 VDC Solar Power 1/2 HP Quadra Drive Heavy-duty DC motor. Heavy-duty 30:1 ratio gearbox.

Solar power ready, with 0.0 Amp SBPD Circuit.



### Steel Built

9050 / 9100 / 9150 Models  
G90 galvanized steel frame to prevent rusting. Polypropylene or metal cover.  
9000 / 9024 Models  
Steel frame with durable polypropylene cover.

# SPECIFICATIONS

## 9050

- Designed for limited-duty residential applications only (100 maximum cycles per day)
- Built-in mechanical and electronic reverse system
- Electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Automatic self-setting limits mean no limit switch adjustment - ever
- Available with Polypropylene or metal cover

## 9000






- Adjustable direct driven limits for precise gate control
- Easy to use manual T-handle release
- Polypropylene cover for durability
- Steel frame for strength and quiet operation
- 1/2 and 1 horsepower models
- Full feature circuit board
- Primary and secondary units for bi-parting (dual) gates

## 9100 / 9150

- Built-in mechanical and electronic reverse system
- Electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Automatic self-setting limits mean no limit switch adjustment - ever
- Designed for continuous-duty applications
- Advanced microprocessor control board includes anti-tailgating features and operator reporting features
- 1/2 or 1 HP continuous-duty motors
- Available with Polypropylene or metal cover

## 9024

- A DC motor and battery backup for continued gate operation if AC power is lost or for Solar power where no AC is available
- 115/230 VAC Input (switch selectable) or 24 VDC Solar Power Input
- Powerful 1/2 HP Quadra Drive motor for long life, with heavy-duty full size 30:1 ratio gearbox
- Solar power ready
- "T-Handle" release is easily accessible from front of operator

	9050	9100	9150	9000	9024DC
 <b>GATE LENGTH MAXIMUM*</b>	16 ft (4.8m)	30 ft (9.1m)	45 ft (13.7m)	35 ft (10.6m)	40 ft (12.2m)
 <b>GATE WEIGHT MAXIMUM</b>	500 LB (227kg)	1000 LB (453kg)	1500 LB (680kg)	1500 LB (680kg)	1000 LB (453kg)
<b>HORSE POWER</b>					
<b>1/2 HP</b>	✓	✓	✓	✓	✓
<b>1 HP</b>	-	-	✓	✓	-
 <b>LOOP DETECTOR PORTS</b>	✓	✓	✓	✓	✓
 <b>GATE TRACKER</b>	-	✓	✓	✓	✓
 <b>PARTIAL OPEN AND ANTI TAIL-GATING FEATURES</b>	-	✓	✓	✓	✓
<b>USAGE</b>					
<b>RES</b>	✓	✓	-	✓	✓
<b>COM</b>	-	✓	✓	✓	✓
<b>IND</b>	-	-	✓	✓	-

\* Assumes gate to be in good condition and sliding on a level surface.

# AC & DC POWERED GATE OPERATORS

## A SYSTEM FOR ALL APPLICATIONS

### Controls Gates from 16' (4.8m) to 45' (13.7m)

#### Small Size Gates

Residential

Slide gates up to 16' (4.8m), 500 Lb. (227kg)  
DKS 9050 slide gate operator.

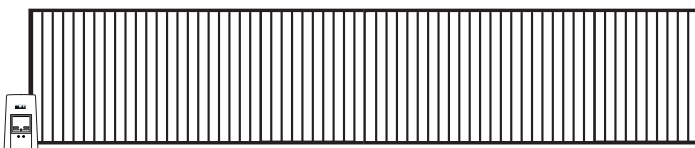


Slide gates up to 16' (4.8m)

#### Medium Size Gates

Residential, Commercial, Industrial

Slide gates up to 30'-35' (9.1m-10.6m), 1000 Lb. (453kg) DKS 9100, 9150  
1/2HP and 9000 1/2 & 1HP, 9024DC up to 40' (12.2m) slide gate operators.

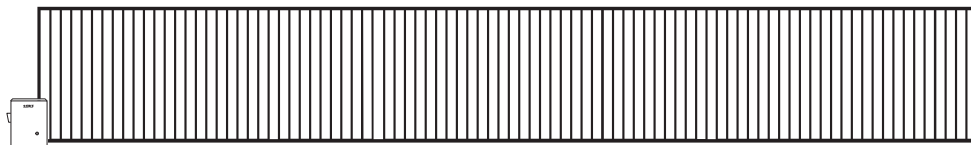


Slide gates up to 35' (10.6m)

#### Large Size Gates

Commercial and Industrial

Slide gates up to 45' (13.7m),  
1500 Lb. (680kg)  
DKS 9150 1HP slide gate operator.



Slide gates up to 45' (13.7m)

## ACCESSORIES:

### ENTRAPMENT PREVENTION DEVICES



#### Photo-eyes

- Photo-reflective beams have a scan distance up to 40 ft. (12m)
- Includes reflector and mounting bracket
- Thru-beam photocells have a scan distance up to 100 ft. (30.48m)
- Separate sender and receiver
- Hooded metal enclosure
- Infrared beam



### Guide Rollers

Designed to meet the requirements of the UL 325 and ASTM F2200 standards. The rollers are fabricated from UHMW material for long-lasting quiet operation.



### V-Wheels

DKS provides a full line of V-Wheel Assemblies and replacement V-Wheels to meet any slide gate application and budgetary requirements.



### Loop Detectors

Plug-in detectors (DKS only). Single and dual channel. Pre-fabricated loops available or form your own loops.



### Reversing edges

- A variety of edge styles for different gates
- Mounting channels included

**REGIONAL  
SALES MANAGER  
LOCATIONS**

**DOORKING U.S.A.**

INDIANAPOLIS, IN  
SACRAMENTO, CA  
VINELAND, NJ  
BOSTON, MA  
PHOENIX, AZ  
NASHVILLE, TN  
ATLANTA, GA  
DALLAS, TX  
ORLANDO, FL  
CHARLOTTE, NC  
HOUSTON, TX  
SAN DIEGO, CA  
LOS ANGELES, CA



**DOORKING® INC.**

Access Control Solutions since 1948

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