



# 6500 VEHICULAR SWING GATE OPERATOR

• RESIDENTIAL • COMMERCIAL • INDUSTRIAL



- Split polyurethane housing allows easy access without having to remove the gate arm!
- Easy to adjust electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Unique breakaway hub design prevents gear box damage if the gate is struck
- Steel frame for strength and durability
- Easy to use manual release system
- 5-year limited warranty



**simple**  
manual release



**steel frame**  
for strength and durability



**breakaway**  
hub prevents gearbox damage

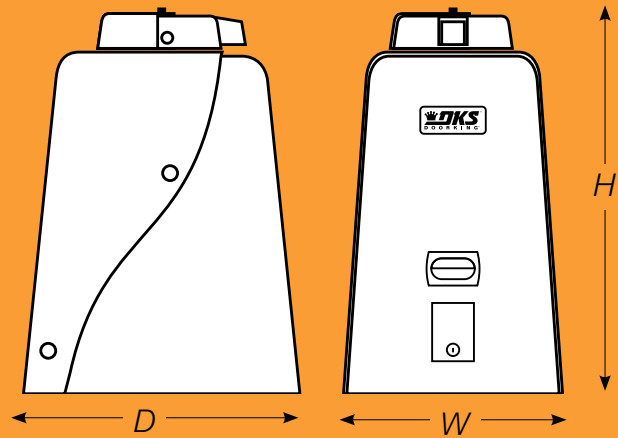


**easily adjustable**  
electronic magnetic limits

# 6500 VEHICULAR SWING GATE OPERATOR

## 6500 1/2 & 1 HP

18.375" W x 31.625" H x 23.25" D (466.7 mm W x 803.3 mm H x 590.5 mm D)



	CLASS OF OPERATION	MAX GATE LENGTH *	MAX GATE WEIGHT *	MOTOR	INPUT	OPTIONS
<b>6500 1/2 HP</b>	I, II, III, IV	18 Ft (5.5 m)	700 Lbs. (317.5 kg)	1/2HP Continuous Duty AC Motor	115 VAC, 60 HZ, 5.4A 208 VAC, 60 Hz, 2.8A** 230 VAC, 60 Hz, 2.7A** 460 VAC, 60 Hz, 1.4A**	Convenience Open Package † Heater Kit Uphill Arm Pivot Kit
<b>6500 1 HP</b>	I, II, III, IV	45 Ft (13.7 m)	1500 Lbs. (680.8 kg)	1HP Continuous Duty AC Motor	115 VAC, 60 HZ, 9.7A 208 VAC, 60 Hz, 5.0A ** 230 VAC, 60 Hz, 4.9A ** 460 VAC, 60 Hz, 2.5A**	Convenience Open Package † Heater Kit Uphill Arm Pivot Kit

\* Assumes gate to be in good condition and swinging in a level plane.  
When combined with convenience open option, 1/2HP max weight is 600 Lbs., 1 HP max weight is 700 Lbs.

\*\* These operators use a step-down transformer to achieve 115 VAC operating voltage.

† Optional factory installed DC powered drive system provides an automatic method to open the gate when primary (AC) power fails.

## Technical Features

### Mechanical

Primary Reduction is provided by a pulley / belt driving a 60:1 worm gear reduction system running in a continuous oil bath

The 6500 rotates the gate 90° in approximately 12-14 seconds

Operator mechanics are mounted on a steel frame plated for corrosion resistance

Two-piece articulating arm mechanical slow start / slow stop function.

Mounting: Operator is mounted to a concrete mounting pad

Keyed access is provided to release arm for manual gate operation in the event of a power outage

Split polyurethane housing simplifies installation and maintenance.  
No need to remove the gate arm

Unique breakaway hub helps to protect the gear box if the gate is rammed

### Electrical

Adjustable electronic magnetic limits

Auto-close timer (1-23 seconds)

Gate overlap feature for bi-parting (dual) gate operation

Simple connection for secondary operator in bi-parting gate systems

Built-in On / Off switch

Built-in alarm reset switch

Selectable shadow / reverse loop function

Magnetic lock power

Ports for plug-in open and reverse loop detectors. DKS plug-in detectors only

Three 115 VAC convenience outlets for accessory transformers

Gate Tracker reporting output provides operator data to access control system (DKS 1833, 1835, 1837 or 1838 only)

### Miscellaneous

Environmental: 10°F to 115°F (-12°C to 46°C)

Thermostatically controlled heater kit recommended for colder environments

Shipping weight approximately 175-225 Lbs (79.1-101.8 kg)  
Depending on model and options selected

External entrapment/ obstruction sensing devices must be used with this operator



Access Control Solutions since 1948

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