



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



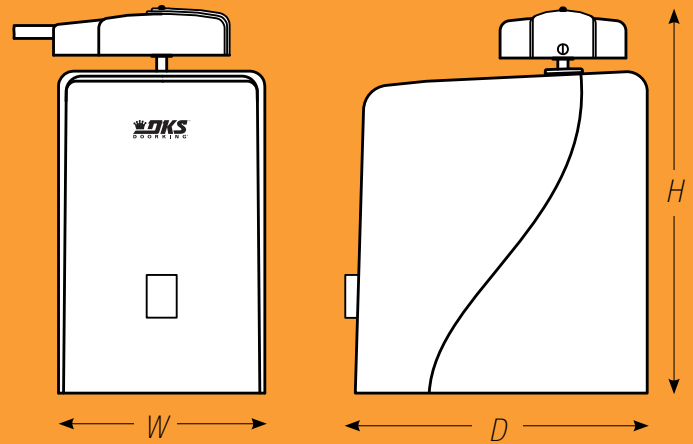
easily adjustable
electronic magnetic limits

ACCESS CONTROL **SOLUTIONS**

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
6500 1/2 HP	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
6500 1 HP	I, II, III, IV	22 Ft (6.7 m)	800 Lbs. (362.8 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

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

© 2015 All Rights Reserved. Product specifications may change without notice.
Rev. 1/15