

6500 VEHICULAR

SWING GATE OPERATOR



Easy access design, low maintenance & quiet operation

- Split 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

RESIDENTIAL • COMMERCIAL • INDUSTRIAL



Breakaway Hub
unique design prevents gear box
damage if the gate is struck



Steel Frame for strength and durability



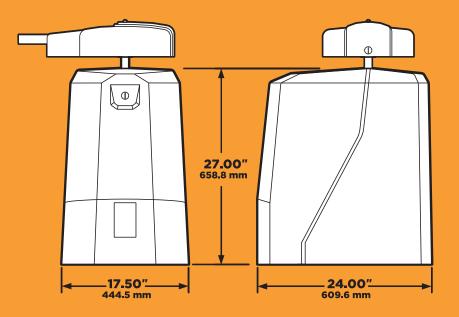
Gate TrackerTM record users access



Easily Adjustable electronic magnetic limits

ACCESS CONTROL SOLUTIONS





6500	1/2 HP	1 HP
CLASS OF OPERATION	I, II, III, IV	I, II, III, IV
MAX GATE LENGTH*	18 ft (5.5 m)	22 ft (6.7 m)
MAX GATE WEIGHT*	700 lb (318 kg)	800 lb (362 kg)
моток	1/2 HP Continuous Duty AC Motor	1 HP Continuous Duty AC Motor
INPUT	115 VAC, 60 Hz, 5.4A 208 VAC, 60 Hz, 2.8A** 230 VAC, 60 Hz, 2.7A** 460 VAC, 60 Hz, 1.4A**	115 VAC, 60 Hz, 9.7A 208 VAC, 60 Hz, 5.0A** 230 VAC, 60 Hz, 4.9A** 460 VAC, 60 Hz,2.5A**
OPTIONS	Heater Kit Uphill Arm Pivot Kit	Heater Kit Uphill Arm Pivot Kit

- * Assumes gate to be in good condition and swinging in a level plane.
- ** These operators use a step-down transformer to achieve 115 VAC operating voltage.

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 requires a concrete mounting pad

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

Split polypropylene housing simplifies installation and maintenance.

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

GATE TRACKER™

Reporting output provides operator data to a DKS 1833, 1835, 1837 or 1838 access control system (requires 2358 expansion board)

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

MISCELLANEOUS

Environmental: 10°F to 115°F (-12°C to 62°C)

Thermostatically controlled heater kit recommended for colder environments

Shipping weight approximately 175-225 lb (79-102 kg) depending on model and options selected

Operator requires monitored Type B1 and/or Type B2 entrapment protection devices



Conforms to ANSI/CAN/UL 325:2017 Ed. 7 Certified to CSA C22.2 #257

DoorKing® Inc.

Access Control Solutions since 1948



MADE IN USA

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MEMBER:















