DOORKING

6550 VEHICULAR
SWING GATE OPERATOR



Polypropylene Housing

Steel Housing

Easy access design, low maintenance & quiet operation

- Two-piece split housing allows easy access without having to remove the gate arm. Available in high security steel or polypropylene.
- 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

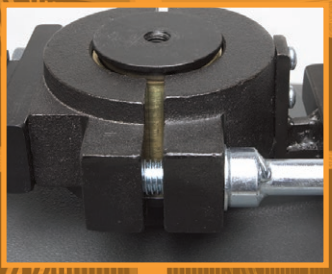
COMMERCIAL • INDUSTRIAL



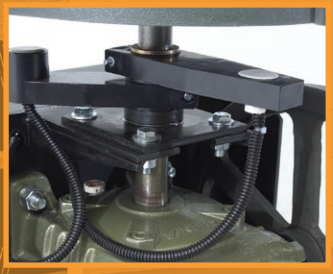
Easy to Operate
manual release



Steel Frame
for strength and durability



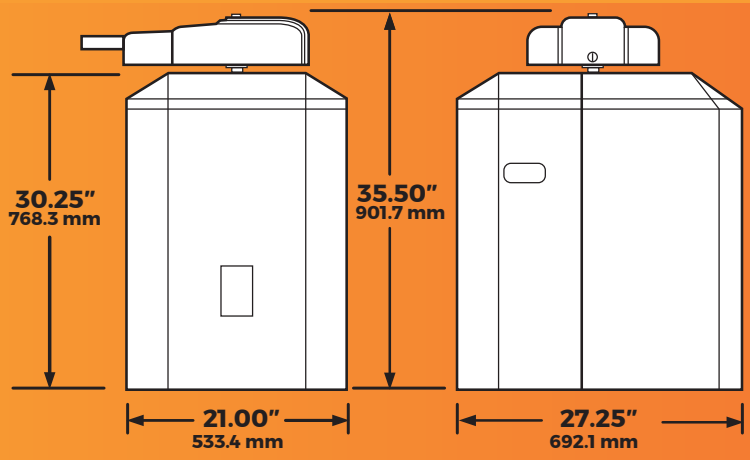
Breakaway
hub prevents gearbox damage



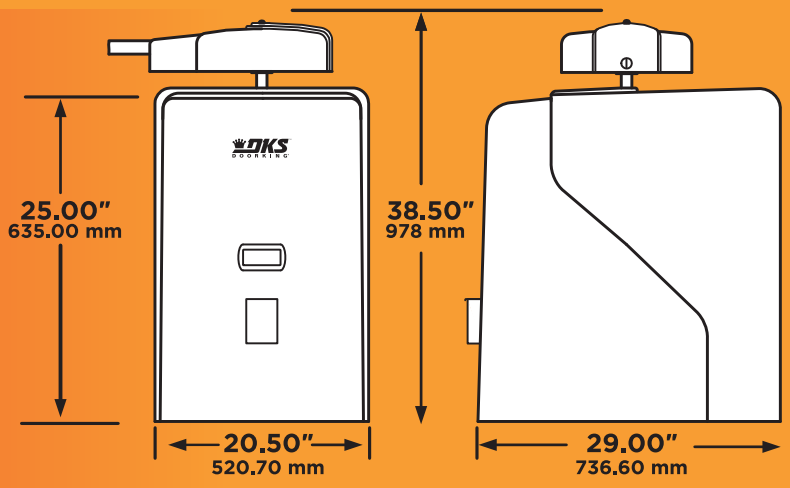
Easily Adjustable
electronic magnetic limits

ACCESS CONTROL **SOLUTIONS**

6550 VEHICULAR
SWING GATE OPERATOR



6550 Steel Housing



6550 Polypropylene Housing

6550	
CLASS OF OPERATION	I, II, III, IV
MAX GATE LENGTH*	25 ft (7.62 m)
MAX GATE WEIGHT*	2000 lb (907 kg)
MOTOR	1 HP Continuous Duty AC Motor
INPUT	115 VAC, 60 HZ, 9.7A
SECONDARY	1 HP 115 VAC, 9.7A includes 50' cable

*** Assumes gate to be in good condition and swinging in a level plane.**

High Voltage Kit allows the operator to be powered from 208, 230, 460 or 575 source voltage. In dual gate applications, only one (1) kit is required (secondary operator DOES NOT require a high voltage kit)

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 6550 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 housing simplifies installation and maintenance. Available in high security steel or polypropylene.

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

Secondary operators used in bi-parting (dual) gate applications cannot be used as a stand-alone device

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 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

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

DoorKing® Inc.
Access Control Solutions since 1948

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MADE IN USA

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