



6300 VEHICULAR SWING GATE OPERATOR

• RESIDENTIAL • COMMERCIAL • INDUSTRIAL



- Electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Automatic self-setting limits mean no limit switch adjustments – ever
- Safety – built-in mechanical and electronic reverse system
- Advanced microprocessor control board features programming switches to set the mode of operation required and has ports for DKS plug-in loop detectors to simplify wiring
- 5-year limited warranty



entrapment prevention
system reverses gate on contact



smooth operation
no slamming when gate closes



arm joint cover
helps eliminate pinch points



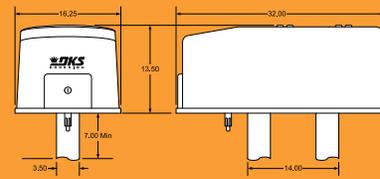
unique design
simplifies installation and provides easy access to all internal parts

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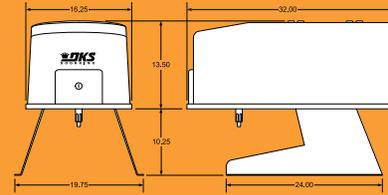
6300 1/2 & 1 HP

with Convenience Open package

16.25" W x 13.5" H x 32" D (413mm W x 343mm H x 813mm D)



Post mount operator Height is adjustable by the installer.



Pad mount adds 10.25" (260mm) to Height dimension.

	CLASS OF OPERATION	MAX GATE LENGTH *	MAX GATE WEIGHT *	MOTOR	INPUT	OPTIONS
6300 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 † Post or Pad Mount Heater Kit Uphill Arm Pivot Kit
6300 1 HP	I, II, III, IV	22 Ft (6.7 m)	800 Lbs. (362 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 † Post or Pad Mount 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 worm gear reduction system

The 6300 rotates the gate 90° in approximately 16-18 seconds

G90 galvanized steel frame to prevent rusting

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

Operator is pad or post mounted – specify which when ordering

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

Electrical

Self-adjusting, no maintenance 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 primary and secondary entrapment prevention system

Tamper protect feature

Built-in On / Off switch

Built-in alarm reset switch

Selectable shadow / reverse loop function

Magnetic lock output

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

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

Two 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 120-160 Lbs (54-73 kg) Depending on model and options selected

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



Access Control Solutions since 1948

MEMBER:



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Rev. 11/12

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