



total access control

6300 HEAVY DUTY
VEHICULAR

SWING GATE OPERATOR



6300 features

- Advanced microprocessor control board eliminates mechanical relays, switches and reversing contactors
- Primary and built-in secondary entrapment prevention system
- Automatic limit settings means no limit switch adjustments – ever
- Two convenience outlets
- Plug-in loop detectors simplify wiring and make installation easy.
- Meets or exceeds the requirements of the UL 325 and 991 safety standards. ETL listed



MODEL 6300 swing gate operator is designed for residential, commercial and industrial applications for both single and dual-leaf gates. The unique design of this operator allows the gate arm to rotate from underneath the operator, creating an aesthetically pleasing installation and allowing the arm to attach to the bottom rail of the gate, were it is virtually unseen from outside the gate. This is an important feature since attaching the gate arm here does not require any unsightly cross bars to be welded to the gate and the bottom rail is one of the strongest points on the gate. These operators are designed to be pad or post mounted to meet almost any installation requirement.

TECH SPECS

class of operation

Class I, II, III, IV

electrical

1/2 or 1 HP continuous duty motor

115 VAC, 60 Hz, 5.4A (1/2 hp), 7.0A (1 hp)

230 VAC, 60 Hz, 2.7A (1/2 hp), 3.5A (1 hp)

460 VAC, 60 Hz, 1.3A (1/2 hp), 1.8A (1 hp)

Optional "convenience open" DC system available

mechanical

Primary reduction: pulley/belt driving a worm gear

Speed: Rotates gate 90° in approximately 16-18 seconds

Frame: G90 galvanized steel to prevent rusting

Arm: Articulating arms to allow mechanical slow start / slow stop

Mounting: Pad or post mount – specify which when ordered

manual release

Keyed padlock provided

Clutch can be back-driven to allow fail-safe release

operating temp

10°F to 140°F

-12°C to 62°C

Heater kit recommended for colder environments

gate limitations

1/2 HP: Maximum gate width 18-feet
Maximum gate weight 700 Lb.

1 HP: Maximum gate width 22-feet
Maximum gate weight 800 Lb.

Assumes gate and hardware to be in good condition and swinging in a level plain

loop detectors

Port for plug-in open detector

Port for plug-in reverse detector

advanced features

Automatic limit adjustment

Auto-close timer 1-23 seconds

Gate overlap feature for dual gate operation

Includes primary and built-in secondary entrapment prevention system

Tamper protect feature

Built-in On/Off switch

Built-in alarm reset switch

Gate tracker reporting output

safety listing

Complies with UL 325 and UL 991 safety standards

ETL listed

dimensions

Width: 16 1/4 inches

Depth: 31 inches

Height: 24 1/2 inches for pad mounted operator.

Post mount operator height is adjustable by the installer.

Shipping weight: Approximately 120-160 lbs depending on model and options selected.

Warranty: 2-year factory limited warranty



DC Convenience Open Option

The optional DC convenience open system includes a completely independent drive, control and power system that provides a convenient method to open your access gate should a power outage occur. This is a great option for apartment complexes and gated communities that prevents traffic from backing up during power outages because the access gates are inoperative.



built-in
alarm and reset switch



2 outlets
conveniently located to power accessory transformers



self adjusting
no maintenance limits



2 piece articulating
arm provides extremely smooth and reliable gate movement



worm drive
provides smooth quiet operation



overlap
for dual gate applications



gate tracker™
reporting output provides operator data to companion access controller (DKS 1803PC, 1815, 1817, 1818)



plug in
loop detectors simplify installation

