



total access control

6050/6100 VEHICULAR SWING GATE OPERATOR



3 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.
- 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.



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TECH SPECS

class of operation

6050: Class I

6100: Class I and II

electrical

6050: 1/2 HP intermittent duty motor
115 VAC, 60 Hz, 4.3 A.

6100: 1/2 HP continuous duty motor
115 VAC, 60 Hz, 5.4 A.

Optional "convenience open" DC system available on 6100 only

mechanical

Primary reduction: pulley/belt driving a worm gear

Speed: Rotates gate 90° in approximately 10-12 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

6050: Maximum gate width 10-feet
Maximum gate weight 400 Lb.

6100: Maximum gate width 14-feet
Maximum gate weight 500 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: 13.25 inches

Depth: 23 inches (28 inches for 6100 w/convenience open option)

Height: 22 inches for pad mounted operator. Post mount operator height is adjustable by the installer.

Shipping weight: Approximately 100-140 lbs depending on model and options selected.

Warranty: 2-year factory limited warranty

MODELS 6050 & 6100 swing gate operators are designed for residential and commercial applications for both single and dual-leaf gates. The unique design of these operators allow 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.



More Safety

Designed with safety as the number one priority, these operators feature an electronic and mechanical inherent reverse system.

The fail-safe system allows the gate to be simply pushed open during power outages without the need of any cranks, keys or other release devices.

Tamper detect feature runs the motor in the close direction if an attempt is made to force the gate open.



built-in
alarm and reset switch



self adjusting
no maintenance limits



2 piece articulating
arm provides extremely smooth and reliable gate movement



worm drive
provides smooth quiet operation



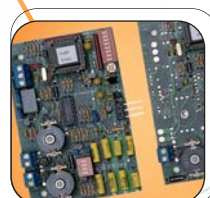
programming
switches to set desired mode of operation



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

