

OSCO®



Model SWG Heavy-Duty Swing Gate Operator



Specifications

The swing gate operator shall be the Model SWG as manufactured by Operator Specialty Company, Inc. (OSCO®)

The Model SWG operator includes the following features:

Cabinet:

- Weather-resistant galvanized steel cabinet with powder coat finish
- Lockable, gasketed and removable front cover for easy access

Mechanical:

- Heavy-duty 60:1 right-angle C-face gear reducer
- Heavy-duty gate arm assembly with harmonic design for smoother starts and stops
- Over-center gate arm “locking” angle
- #40 roller chain and sprockets
- Adjustable torque limiter
- Heavy-duty pillow-block bearings

Mounting:

- 3 - 3 1/2” OD post mounting
- Optional pad mounting pedestal available

Anti-Entrapment/Detection Devices:

Operator is pre-wired to accept contact and non-contact detection devices such as contact edges and/or photo electric eyes.

Electrical:

- 1/2, 3/4 or 1 hp, 115 or 230 VAC, single phase, thermally protected, heavy-duty C-face PSC motor;
- 1/2, 3/4 or 1 hp, 230 or 460 VAC, 3 phase heavy-duty motor
- Power on/off switch
- Emergency stop/reset button on front cover
- Duplex receptacle on 115 VAC units
- Three-button control station included
- Accessory connections are 24-volt AC or DC
- Easily adjustable cam-operated limit switches
- **Full system capable for access controls and reversing devices**

Control Circuit:

- Solid state circuit board, 24 VDC
- Inherent current sensing system
- 15 LEDs for easy setup and troubleshooting
- Built in maximum run timer and auto close timer
- Right-hand/left-hand easy conversion
- Master/Slave – simple three-wire connection
- Entrapment alarm

Warning Signals:

- Continuous tone entrapment alarm
- Warning beeper to sound when gate is moving
- Pre-start audio/visual outputs included

Manual Release:

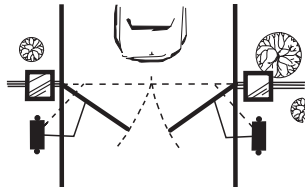
- Manual release is easily accessible

RECOMMENDED CAPACITIES OF MODEL SWG

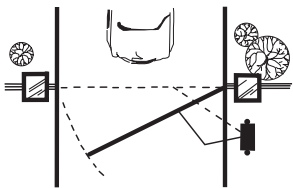
Model	HP	Voltage Single Phase	Maximum Gate Width	Maximum Gate Weight	Seconds Open Gate	Shipping Weight
SWG-2	1/2	115 V 230 V	18 ft.	600 lbs.	15	275 lbs.
SWG-4	3/4		22 ft.	800 lbs.	15	275 lbs.
SWG-1	1		26 ft.	1000 lbs.	15	275 lbs.

Model	HP	Voltage Three Phase	Maximum Gate Width	Maximum Gate Weight	Seconds Open Gate	Shipping Weight
SWG-2	1/2	230 V 460 V	18 ft.	600 lbs.	15	275 lbs.
SWG-4	3/4		22 ft.	800 lbs.	15	275 lbs.
SWG-1	1		26 ft.	1000 lbs.	15	275 lbs.

TYPICAL APPLICATIONS FOR MODEL SWG



DOUBLE GATE WITH TWO UNITS



SINGLE UNIT ARRANGEMENT

MODEL SWG Swing Gate Operator



Width: 24" • Height: 30" • Depth: 10"

MANUFACTURED BY

OSCO®

OPERATOR SPECIALTY COMPANY, INC.

Members and Supporters of:



— CAUTION! PLEASE NOTE! —

Automatic gates are not for pedestrians!

Automatic gate operators are designed for vehicular traffic only. They are powerful, and can cause serious injury or death. Accordingly, direct all pedestrian traffic to a separate pedestrian gate.



UL325 requires the use of contact or non-contact anti-entrapment devices.

— AVAILABLE THROUGH —