

# OSCO®



## Model MSG-A Swing Gate Operator



### Specifications

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

The Model MSG-A operator includes the following features:

#### Cabinet:

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

#### Mechanical:

- Heavy-duty 60:1 right-angle 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

#### Mounting:

- Universal pad or 3 - 3 1/2” OD post mounting

#### Manual Release:

- Manual release is easily accessible

#### 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 or 3/4 hp heavy-duty, 115 VAC or 230 VAC, single phase, thermally protected, open frame - rigid mount PSC 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

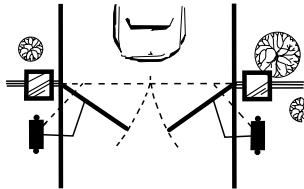
#### Warning Signals:

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

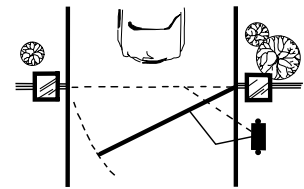
## RECOMMENDED CAPACITIES OF MODEL MSG-A

Model	HP	Single Phase	Maximum Gate Width	Maximum Gate Weight	Seconds Open Gate	Shipping Weight
MSG-A-2	1/2	115 V	15 ft.	500 lbs.	11-14	180 lbs.
MSG-A-4	3/4	230 V	19 ft.	700 lbs.	11-14	180 lbs.

### TYPICAL APPLICATIONS FOR MODEL MSG-A



DOUBLE GATE WITH TWO UNITS



SINGLE UNIT ARRANGEMENT

## MODEL MSG-A Swing Gate Operator



Width: 22" • Height: 24" • Depth: 13"

### — 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.

MANUFACTURED BY

# OSCO<sup>®</sup>

OPERATOR SPECIALTY COMPANY, INC.

Members and Supporters of:



— AVAILABLE THROUGH —