



OSCO®

Model VS-GSLG

Variable Speed, Heavy-Duty Industrial Wormgear Slide Gate Operator

SPECIFICATIONS: The variable speed slide gate operator shall be Model VS-GSLG as manufactured by Operator Specialty Company, Inc. (OSCO).

CABINET: The unit shall be enclosed in a powder coated heavy-duty galvanized steel, weather-resistant, all-welded enclosure. Cabinet door shall be hinged, gasketed and key lockable. The housing shall be large enough to contain control panel and any additional accessories, such as loop detectors, timers, etc.

MECHANICAL: The unit shall utilize a right-angle gearhead speed reducer. Gears shall consist of a hardened-steel machine-cut worm and mating bronze gear running in oil. Bearings shall be heavy-duty pillow block type. Operator shall have a lever-type disconnect which when used will allow the gate to be operated manually. A maximum run timer shall be furnished to protect clutch from burnout should gate be obstructed. After maximum run timer expires, timer will turn motor off.

Built-in magnetic brake shall be furnished to prevent coasting of gate. Drive chain shall be minimum #50 roller chain.

ELECTRICAL: The motor shall be a minimum 1/2 HP industrial continuous-duty three phase 56 frame. An inverter motor control provides soft start/soft stop programming. The voltage and phase of the input power supply is required at the time of order. Motor overload protection shall be provided internal to the motor or in the starter.

Limit switches shall be rotary type to limit travel between full open and the fully closed positions and for soft start/soft stop. Limit switches shall be precision type and adjustable.

A three-button control marked OPEN-CLOSE-STOP shall be provided.

MOUNTING: Unit shall be mounted on two 3" to 3 1/2" OD posts embedded in concrete. Pad mounting is optional.

APPLICATIONS: All OSCO operators are designed for vehicular use only. A separate manual walk gate must be provided adjacent for any non-vehicular traffic such as bicycles and pedestrians.

RECOMMENDED CAPACITIES OF MODEL VS-GSLG

MODEL	HP	VOLTAGE & PHASE	MAXIMUM GATE WEIGHT	CANTILEVER TYPE OPENING	ROLLER TYPE OPENING	OVERHEAD TYPE OPENING	SHIPPING WEIGHT
VS-GSLG-2 ()	1/2	115 or 230 Single	1100 lbs.	25 ft.	35 ft.	45 ft.	350 lbs.
VS-GSLG-1 ()	1	208, 230 or 460 3-Phase	1900 lbs.	40 ft.	56 ft.	78 ft.	350 lbs.

Model VS-GSLG

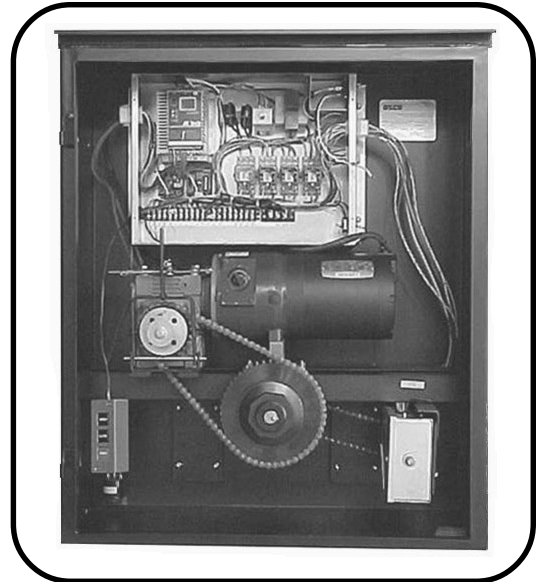
Variable Speed Heavy-Duty Industrial Slide Gate Operator

FEATURES

MECHANICAL

- Heavy-duty galvanized weather-resistant enclosure with black powder coat finish
- Gasketed, hinged and key lockable door
- Dual post mounting standard (optional pad mounting pedestal available)
- Heavy-duty wormgear reducer
- Adjustable torque limiter
- Heavy-duty pillow block bearings
- C-face magnetic brake
- Heavy-duty #50 roller chain drive
- Emergency disconnect for manual operation in case of power failure

Width: 30"
Height: 36"
Depth: 12"



ELECTRICAL

- Variable speed - soft start/soft stop
- Continuous-duty industrial motor
- 24VAC Control circuit
- Three-button control
- Easily adjustable rotary limit switches
- Available in all standard voltages and phases
- Full systems capable; available for card control, loop detectors, radio controls, automatic closing devices, photo electric controls, reversing edges, etc.
- Run timer for clutch and motor protection
- Delay on reverse
- Warning beeper to sound when gate is moving
- Electrical power disconnect switch
- Master-Slave capability built in
- Easily convertible right hand/left hand

Automatic Gates are not for Pedestrians!



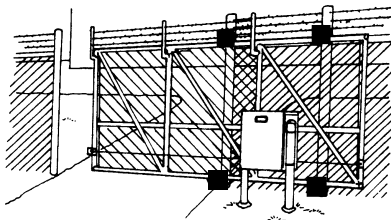
Automatic gate operators are designed for vehicular traffic only. They are powerful, and can cause serious injury or death. Accordingly, direct all pedestrian traffic to a separate pedestrian gate. UL325 requires the use of contact or non-contact anti-entrapment devices.

Members and Supporters of:

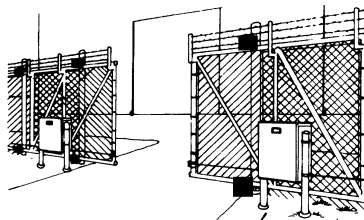


Specifications are subject to change without notice.

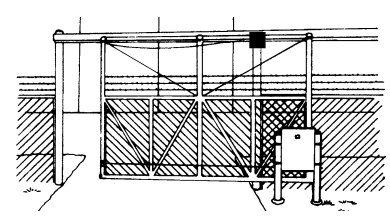
• TYPICAL APPLICATIONS FOR THE MODEL VS-GSLG •



SINGLE SLIDE
(CANTILEVER TYPE)



DOUBLE SLIDE
(CANTILEVER TYPE)



SINGLE SLIDE
(OVERHEAD TRACK TYPE)

– AVAILABLE THROUGH –