VARIABLE SPEED SLIDE GATE OPERATORS

Model VS-GSLG

VS-GSLG VARIABLE SPEED INDUSTRIAL
• Integral APeX Controller
• Up to 24"/sec. gate speed
• Soft start/soft stop
• Programmable speed control
• Direct C-face drive with brake
• #50 roller drive chain
• 1/2, 1, or 2 HP motor
• All voltages, single or three-phase
• Powder coat finish
• Post mount standard; pad mount optional

All Models ETL Listed; UL325 Compliant

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### ELECTRICAL
- Solid state 24 V control board UL325/UL991 compliant
- Diagnostic LED display for ease of setup and troubleshooting
- Variable speed — soft start/stop programmable through variable frequency drive
- 1/2, 1, & 2 HP industrial, continuous-duty, three-phase, 56-frame motors
- Integral entrapment sensing system with digital set point for accurate adjustment and enhanced safety
- Integrated maximum run and auto close timers
- Built-in dual gate capability using 3-wire shielded cable
- 24 V DC power available for access control accessories
- Continuous-tone entrapment alarm with reset button
- Integrated warning beeper during gate movement
- Selectable pre-start alarm with provision for ADA compliant visual pre-start and run alarm

### MECHANICAL
- Heavy-duty 15:1 right-angle C-face gear reducer
- #50 roller chain and sprockets
- Heavy-duty steel chassis
- Heavy-duty pillow-block bearings
- Adjustable torque limiter

### CAUTIONS
- Automatic gates are not for pedestrians
- Automatic gate operators are designed for vehicular traffic only; operators are powerful and can cause serious injury or death; DIRECT ALL PEDESTRIAN TRAFFIC TO A SEPARATE PEDESTRIAN GATE
- UL325 requires use of contact or non-contact anti-entrapment devices
- ASTM F2200 requires that all exposed rollers are covered

### VS-GSLG SERIES SLIDE GATE OPERATOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>Voltage Single-Phase (Voltage Three-Phase)</th>
<th>Maximum Gate Length</th>
<th>Maximum Gate Weight</th>
<th>Gate Speed</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>VS-GSLG-2</td>
<td>1/2</td>
<td>115 / 230 VAC (208 / 230 / 460 VAC)</td>
<td>45°</td>
<td>1100 lbs</td>
<td>up to 24”/sec</td>
<td>365 lbs</td>
</tr>
<tr>
<td>VS-GSLG-1</td>
<td>1</td>
<td>115 / 230 VAC (208 / 230 / 460 VAC)</td>
<td>78’</td>
<td>2500 lbs</td>
<td>up to 24”/sec</td>
<td>375 lbs</td>
</tr>
<tr>
<td>VS-GSLG-7</td>
<td>2</td>
<td>115 / 230 VAC (208 / 230 / 460 VAC)</td>
<td>100’+</td>
<td>4000 lbs</td>
<td>up to 24”/sec</td>
<td>400 lbs</td>
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</tbody>
</table>

### APx Controller
- UL325/UL991 compliant 24VDC control module
- Full featured for access control, security, and entrapment protection
- Integral MegaCode receiver
- On-board 3-button station

### Direct C-Face Motor-Brake-Gear Box Drive
- Designed for smooth and dependable power transmission

### Variable Drive Speed
- Programmable variable speed controller for smooth gate operation and high gate speed

### Heavy-Duty Braking
- Double C-face dual disk electromagnetic brake

### Dimensions

![Gate Dimensions Diagram]

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