9500 SERIES

MAXIMUM SECURITY

VEHICULAR GATE OPERATORS

- User adjustable variable speed control: 1-4 ft/sec
- Slow-start / slow-stop operation
- High tensile strength #100 roller chain provides a direct mechanical linkage to the gate, will not slip and is unaffected by weather or other contaminates such as dirt, oil, grease, ice, etc.
- Integral internal direct driven limit switch system cannot be tampered with externally
- Anti-tailgating and partial open features to help control unauthorized vehicle access
- Ports for plug-in loop detectors
- 115 VAC convenience outlets
- Built-in power switch and 3-button control station

ACCESS CONTROL SOLUTIONS
The DKS 9500 Series of vehicular slide gate operators are designed for use on very large and very heavy gates in maximum security applications only. Rather than rely on a friction drive rail system that can be difficult to install, often slip in inclement weather or can be easily compromised, DKS maximum security gate operators use a high tensile steel alloy #100 roller chain to provide a direct mechanical connection to the gate. The 9500 Series operators feature a solid-state speed control module that starts and stops the gate slowly. The operating speed of the gate is user adjustable (up to 4-ft/sec) making this operator ideal for security sensitive areas where perimeter security must be maintained.

### 9500 Series Specs

<table>
<thead>
<tr>
<th>Gate Speed</th>
<th>Max Gate Length *</th>
<th>Max Gate Weight *</th>
<th>HP</th>
<th>Volt/Phase</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 2 Ft / Sec</td>
<td>160 Ft</td>
<td>10,000 Lbs.</td>
<td>3HP</td>
<td>230 VAC / 1</td>
<td>17 A</td>
</tr>
<tr>
<td>1 - 2 Ft / Sec</td>
<td>160 Ft</td>
<td>10,000 Lbs.</td>
<td>3HP</td>
<td>230 VAC / 3</td>
<td>9.2 A</td>
</tr>
<tr>
<td>1 - 2 Ft / Sec</td>
<td>160 Ft</td>
<td>10,000 Lbs.</td>
<td>3HP</td>
<td>460 VAC / 3</td>
<td>4.6 A</td>
</tr>
<tr>
<td>1 - 4 Ft / Sec</td>
<td>160 Ft</td>
<td>10,000 Lbs.</td>
<td>5HP</td>
<td>230 VAC / 3</td>
<td>15.4 A</td>
</tr>
<tr>
<td>1 - 2 Ft / Sec</td>
<td>160 Ft</td>
<td>10,000 Lbs.</td>
<td>5HP</td>
<td>460 VAC / 3</td>
<td>8.2 A</td>
</tr>
<tr>
<td>1 - 2 Ft / Sec</td>
<td>160 Ft</td>
<td>20,000 Lbs.</td>
<td>5HP</td>
<td>460 VAC / 3</td>
<td>12.4 A</td>
</tr>
<tr>
<td>1 - 2 Ft / Sec</td>
<td>160 Ft</td>
<td>20,000 Lbs.</td>
<td>5HP</td>
<td>460 VAC / 3</td>
<td>6.2 A</td>
</tr>
</tbody>
</table>

* Assumes gate to be level and in good operating condition.

### General Specs

#### Class of Operation
- III (Limited), IV (Restricted)

#### Mechanical
- 3/8” Steel frame
- 1/4” polyethylene molded cover rated NEMA 4x
- Primary reduction: Heavy-duty gear reducer running in a continuous oil bath.

- Standard speed operators use a 40:1 Reduction
- High speed operators use a 10:1 Reduction

- Chain: #100 Roller chain
- Speed: Standard operators 1-2 Ft / Sec
- High speed operators 1-4 Ft / Sec
- Brake: Spring-set, electrically released, self adjusting disc brake with manual release (used on high speed operators only)

#### Operator Kit
- Includes chain brackets, hardware and 20’ of #100 chain

#### Advanced Features
- Adjustable speed control circuit:
  - Standard speed operators: 1-2 ft/sec
  - High speed operators: 1-4 ft/sec
- Slow start / slow stop
- Adjustable partial open
- Anti-tailgating
- Selectable stop / reverse loop function
- Direct driven limit switches
- Built-in power switch
- Built-in 3-button control (open-close-stop)
- Warn-before-operate function
- Built-in diagnostics check for specific fault conditions
- Port for plug-in loop detectors (DKS Detectors only)
- Two 115 VAC Convenience outlets

#### Note
- This vehicular slide gate operator is designed for Class III and IV applications only and should never be used in applications serving the general public such as apartment complexes, gated communities, residential applications, parking garages, etc.

### Options
- Chain tray – recommended on gates exceeding 20-ft in length
- Gate Tracker reporting provides operator data to a companion DKS access control system (models 1833, 1835, 1837 and 1838)
- Red/Green traffic signal provides a visual indication when the gate is safe & it is OK for traffic to proceed
- Non-contact (photocells) and contact (sensing edges) secondary entrapment prevention devices
- Operating Temp
  - 10°F to 140°F -12°C to 62°C
- Optional heater kit recommended for colder environments
- Shipping Weight
  - Approximately 700 to 875 Lbs (317kg at 397kg)
- Warranty
  - 5 Years

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