• Designed for single lane (14 feet maximum) vehicular control in high traffic applications
• Electronic limit settings
• Operators are designed so that they can be mounted on either the left or right hand side of the roadway
• Lighted and breakaway arm kits available. Low headroom folding arm kits also available
• DKS patent pending Loop Logic vehicular/pedestrian detection system
• 5-year limited warranty
**Mechanical**

- Primary Reduction is provided by a 40:1 worm gear reduction system running in a continuous oil bath.
- Arm rotates 90° in approximately 1.5 seconds.
- G90 galvanized steel housing, painted white.
- Fail-secure mechanical release method.
- Left- or right-hand mount.
- 360° gear box rotation before the motor changes direction. This provides for smooth operation, evens wear across the entire gear-box, and increases the life span of the operator.

<table>
<thead>
<tr>
<th>CLASS OF OPERATION</th>
<th>MAX ARM LENGTH</th>
<th>ARM TYPE</th>
<th>MOTOR TYPE</th>
<th>INPUT</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1601</td>
<td>14 Ft (4.3 m)</td>
<td>Wood</td>
<td>1/2HP Motort</td>
<td>115 VAC, 60 HZ, 5.4A</td>
<td>Convenience Open Package</td>
</tr>
<tr>
<td></td>
<td>12 Ft (3.6 m)</td>
<td>Plastic</td>
<td>Continuous Duty</td>
<td>230 VAC, 60 HZ, 2.7A^1</td>
<td>Heater and Fan Kits</td>
</tr>
<tr>
<td></td>
<td>14 Ft (4.3 m)</td>
<td>Aluminum</td>
<td>AC Motor</td>
<td>460 VAC, 60 HZ, 1.4A^1</td>
<td>Folding Arm Kits</td>
</tr>
</tbody>
</table>

^1 These operators use a step-down transformer to achieve 115 VAC operating voltage.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>Optional factory installed DC powered drive system provides an automatic method to open the gate when primary (AC) power fails. Breakaway barrier arm option not available when equipped with Convenience Open option.</td>
</tr>
<tr>
<td>3</td>
<td>Breakaway arm, and/or lighted arm available with aluminum arm type only.</td>
</tr>
</tbody>
</table>

**Technical Features**

**Electrical**

- Magnetic electronic limit controls.
- Auto-close timer 1-23 seconds.
- P.A.M.S. (Perimeter Access Management System) sequence with a slide or swing gate operator.
- Up input memory buffer.
- Down memory option.
- Multiple up commands.
- Port for plug-in open (up) detector.
- Port for plug-in reverse (down) detector.
- Programming switches.
- Built-in power On/Off switch.
- Gate Tracker™ reporting output provides operator data to access control system (DKS 1833, 1835, 1837 or 1838 only).

**Miscellaneous**

- Environmental: 10°F to 140°F (-12°C to 62°C).
- Thermostatically controlled heater kit recommended for colder environments.
- Shipping weight approximately 140-160 Lbs (63-72 kg).

Breakaway Hardware Kit:
- Allows arm to swing out of the way in the event that a vehicle fails to stop at a lowered arm. The system is easily reset by simply snapping the arm back into place. For aluminum arms only and not available with Convenience Open option.

**Options**

- Breakaway Arm Kit:
- Lighted Arm:

---

Access Control Solutions since 1948

Secure Lane LLC
www.secure-lane.com
www.barriergatearm.com
(520)780-9751