1602 PARKING CONTROL BARRIER GATE OPERATOR

• COMMERCIAL • INDUSTRIAL

• Designed to control wide traffic lanes (27 feet maximum) in limited use applications
• Suitable for low-cycle applications to restricted access areas such as prisons, airport security areas or industrial sites
• Electronic limit settings
• Three-piece aluminum arms available in 20, 24 and 27 foot lengths
• DKS patent pending Loop Logic vehicular/pedestrian detection system
• 5-year limited warranty

Automatic p.a.m.s.
sequencing with slide and swing gates

Foam padding
available for added protection

DKS Loop Logic
it’s aware -- even when they’re not

Wishbone style aluminum
arms up to 27 feet in length

ACCESS CONTROL SOLUTIONS
Mechanical
Primary Reduction is provided by a 60:1 worm gear reduction system running in a continuous oil bath
Arm rotates 90° in approximately 5.5 seconds
G90 galvanized steel housing, painted white rated NEMA 4x
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
Arm Kits: Three-piece 3" round aluminum arm available in 20, 24 and 27 foot length
Arm kits include arm mounting hubs, hardware, and counter-balance weights
Loop Logic vehicular / pedestrian safety system:
The system reverses barrier arm if person is detected, and lowers barrier arm if unauthorized vehicle enters. Additional protection to help prevent inadvertent accidents (optional)

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
Ports for plug-in loop detectors
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 160-180 Lbs (72-81 kg)
Arm kit: 45 Lbs (20 kg)

* These operators use a step-down transformer to achieve 115 VAC operating voltage.
† Optional factory installed DC powered drive system provides an automatic method to open the gate when primary (AC) power fails.

1602 PARKING CONTROL
BARRIER GATE OPERATOR

1602 1 HP
15.25” W x 39.5” H x 15.75” D (38.7cm W x 100.3cm H x 40cm D)

<table>
<thead>
<tr>
<th>CLASS OF OPERATION</th>
<th>MAX ARM LENGTH</th>
<th>TYPE</th>
<th>MOTOR</th>
<th>INPUT</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1602</td>
<td>20 Ft (6.1 m)</td>
<td>Aluminum</td>
<td>1 HP Continuous Duty AC Motor</td>
<td>115 VAC, 60 HZ, 9.7A</td>
<td>Convenience Open Package † Heater Kit Fan Kit</td>
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<tr>
<td></td>
<td>24 Ft (7.3 m)</td>
<td>Aluminum</td>
<td></td>
<td>230 VAC, 60 HZ, 4.9A*</td>
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<tr>
<td></td>
<td>27 Ft (8.2 m)</td>
<td>Aluminum</td>
<td></td>
<td>460 VAC, 60 HZ, 2.5A*</td>
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