



1602 PARKING CONTROL BARRIER GATE OPERATOR

• COMMERCIAL • INDUSTRIAL



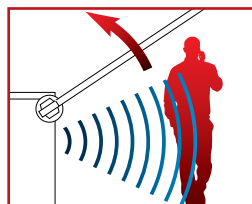
- Designed to control wide traffic lanes (27 feet maximum) in limited use applications
- Suitable for low-cycle applications to restricted access areas such as prisons, airport security areas or industrial sites
- Electronic limit settings
- Three-piece aluminum arms available in 20, 24 and 27 foot lengths
- Break-away arm option
- 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

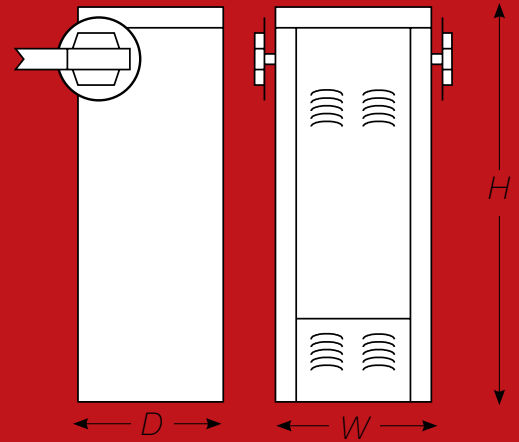


DKS Loop Logic
it's aware -- even when they're not



wishbone style aluminum
arms up to 27 feet in length

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)

	CLASS OF OPERATION	MAX ARM LENGTH	TYPE	MOTOR	INPUT	OPTIONS
1602	II, III, IV	20 Ft (6.1 m) 24 Ft (7.3 m) 27 Ft (8.2 m)	Aluminum Aluminum Aluminum	1 HP Continuous Duty AC Motor	115 VAC, 60 HZ, 9.7A 230 VAC, 60 HZ, 4.9A* 460 VAC, 60 HZ, 2.5A*	Convenience Open Package † Heater Kit Fan Kit

* 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.

Technical Features

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 / pedestrial 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)



Access Control Solutions since 1948

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Rev.3/15