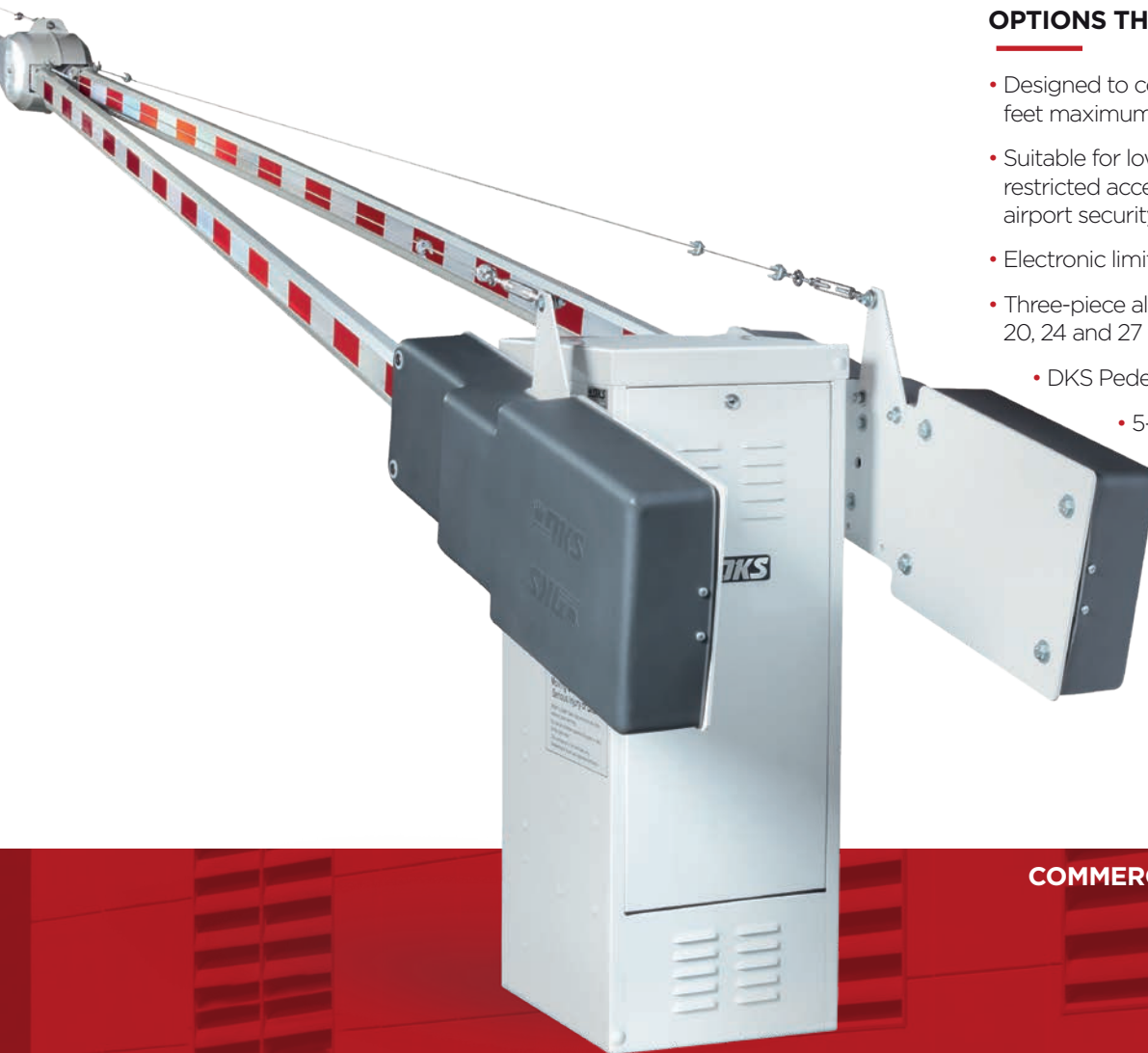




# 1602 TRAFFIC CONTROL BARRIER GATE OPERATOR



## TRAFFIC CONTROL BARRIER OPTIONS THAT FIT ANY APPLICATION

- 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 Pedestrian Protection System
  - 5-year limited warranty

COMMERCIAL • INDUSTRIAL



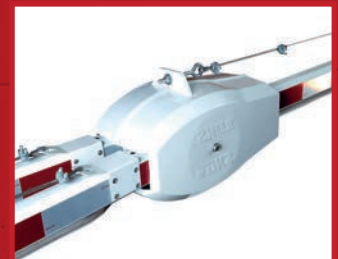
**Automatic P.A.M.S.**  
sequencing with slide and swing gates



**Octagonal Lighted  
Signal Arm Option**  
light the way for customers to exit easily  
and safely with signals and sensors



**DKS Pedestrian  
Protection System**  
it's aware - even when they're not

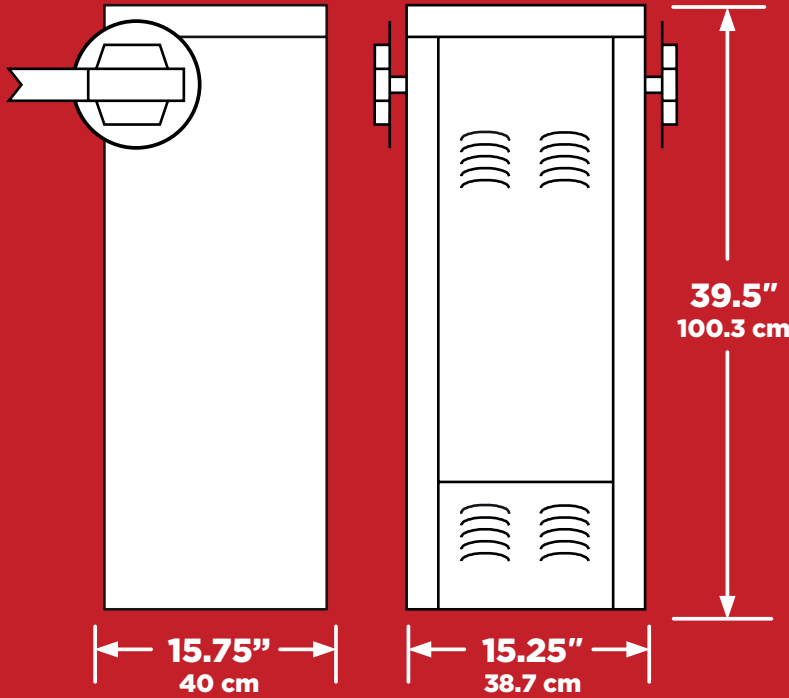


**Wishbone Style  
Aluminum**  
arms up to 27 feet in length

ACCESS CONTROL SOLUTIONS



# 1602 TRAFFIC CONTROL BARRIER GATE OPERATOR



| MODEL               | 1602                                                                                                      |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| CLASS OF OPERATION  | II, III, IV                                                                                               |
| ARM TYPE/MAX LENGTH | 20 Ft (6.1 m) / Aluminum<br>24 Ft (7.3 m) / Aluminum<br>27 Ft (8.2 m) / Aluminum<br>20 Ft. (6.1 m) / Wood |
| MOTOR               | 1 HP<br>Continuous Duty<br>AC Motor                                                                       |
| INPUT               | 115 VAC, 60 Hz, 5.4A<br>230 VAC, 60 Hz, 2.7A <sup>1</sup><br>460 VAC, 60 Hz, 1.4A <sup>1</sup>            |
| OPTIONS             | Convenience<br>Open Package <sup>2</sup><br>Heater and Fan Kits<br>Lighted Arm <sup>3</sup>               |

1. These operators use a step-down transformer to achieve 115 VAC operating voltage.
2. Optional factory installed DC powered drive system provides an automatic method to open the gate when primary (AC) power fails.
3. Lighted Arm available with aluminum arm type only.

## 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

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

### DKS Pedestrian Protection 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)

### GATE TRACKER™

Reporting output provides operator data to a DKS 1833, 1835, 1837 or 1838 access control system (requires 2358 expansion board)

### 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

### 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)



## DoorKing® Inc.

Access Control Solutions since 1948



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### MEMBER:



### DISTRIBUTED BY: