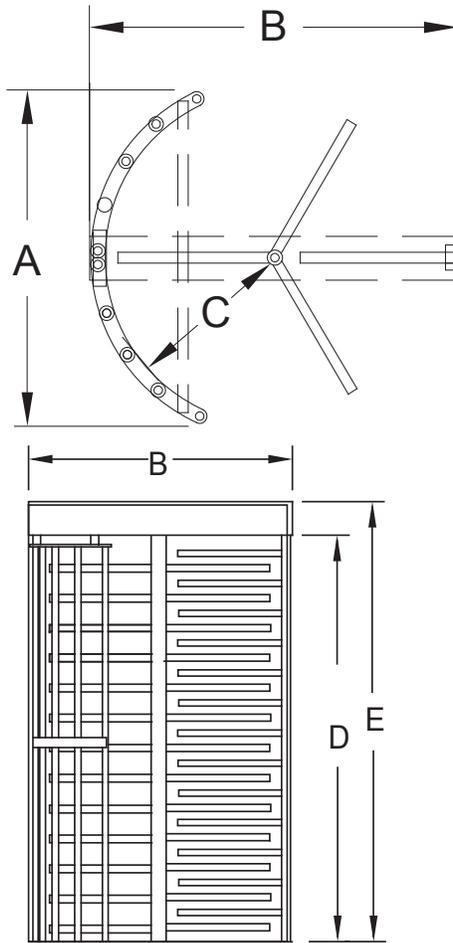


# DS400 Series Single & Tandem



High Security - Single & Tandem

DS400 Series



Dimensions are approximate, based on chart below

	Depth	Width	Passage Width	Passage Height	Overall Height
	A *	B *	C *	D *	E *
<b>DS427-S</b>	57.375" 1457mm	62" 1575mm	27" 686mm	84" 2134mm	91" 2311mm
<b>DS430-S</b>	59.250" 1505mm	66" 1676mm	30" 762mm	84" 2134mm	91" 2311mm
<b>DS439-S</b>	76" 1930mm	84" 2134mm	38.5" 978mm	84" 2134mm	91" 2311mm
<b>DS448-S</b>	96.187" 2443mm	106" 2692mm	49.319" 1253mm	84" 2134mm	91" 2311mm

**Measures:**

**DS427-S**

**Size of opening (pedestrian clearance)**

DS427-S 27" (686mm)

**Arm and Barrier Tubing Sizes**

1 1/2" diameter 14 gauge (38mm) - Standard

1 3/4" diameter 14 gauge (44mm) - Optional

**Width**

62" (1575mm)

**Depth**

54" (1372mm)

**DS439-S**

**Size of opening (pedestrian clearance)**

DS439-S 39" (991mm)

**Arm and Barrier Tubing Sizes**

1 3/4" diameter 14 gauge (44mm)

**Width**

84" (2134mm)

**Depth**

68" (1727mm)

**DS430-S**

**Size of opening (pedestrian clearance)**

DS430-S 30" (762mm)

**Arm and Barrier Tubing Sizes**

1 1/2" diameter 14 gauge (38mm) - Standard

1 3/4" diameter 14 gauge (44mm) - Optional

**Width**

66" (1676mm)

**Depth**

56" (1422mm)

**DS448-S**

**Size of opening (pedestrian clearance)**

DS448-S 48" (1219mm)

**Arm and Barrier Tubing Sizes**

1 3/4" diameter 14 gauge (44mm)

**Width**

106" (2692mm)

**Depth**

93" (2362mm)

**All Models:**

- Overall exterior height 91" (2311mm)
- Pedestrian walk-through height 84" (2134mm)

**Options:**

- Manual key override - both directions
- Integration with card readers, computer attendance systems, coin and token acceptors, push buttons, wireless remote controls and metal detectors
- Electronic 6 digit resettable counter with LCD display and ten-year lithium battery
- Tri color LED
- Additional options available on request

**Product Features:**

**Materials and Finishes available**

**in your choice of:**

- Hot dipped galvanized carbon steel
- Polyester enamel on carbon steel (standard color is black/other colors available upon request)
- Our signature 304 Stainless steel/No.4 satin finish



### **Design & Construction:**

- Designed for secure operation with aesthetics in mind
- Featuring fully welded exterior components
- Minimal exposed hardware
- Heavy gauge materials meeting ASTM standards

### **Controller &**

#### **Access Control Operation:**

- Self-centering control head with adjustable hydraulic shock suppression
- Hardened tool steel locking bars, cam and roller assemblies
- Permanently lubricated bearings
- All units are available in clockwise, counter-clockwise or bi-directional passage

### **Electrical Specifications:**

Input voltage: 100-240 VAC

Input current: 1.3 - .55 A

Frequency: 50/60 Hz

Storage Temperature: -40 to 158°F

Operating Temperature: -4 to 131°F  
(cold weather package available)

Operating voltage: 24VDC

Operating current: 1.2 A (typical)

### **Standards and Codes:**

Austenitic stainless steel:

ASTM A240, A249, A276

Hot rolled steel:

AISI C-1020, AISI C-1018

Hot dipped galvanizing:

ASTM A-143, ASTN A-153-80

Stainless steel fasteners:

ASTM A-320

American Welding Society (AWS)

Standard D 1.1

### **Matching Swing Gates available**

(see model DS336 & DS348 Manual Passage Gate information)