



# Series 9000 Handicap Door Closers

## Adjustable Spring Power – Surface Mounted Grade 1

### Part 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Series 9000 Grade 1, Door Closer with or without Dress Cover
- B. Features:
  - 1. ADA (Handicap) multi-sized closer with adjustable spring power
  - 2. Closer Functions:
    - Model 9001** Adjustable spring power 8 1/2 lbs Opening force to Size 5
    - Model 9003** Adjustable spring power 5 lbs. Opening force to Size 4 with both adjustable Back-check and adjustable Delayed Closing Action controlled by separate regulating valves
  - 3. Rack and pinion mechanism is contained in a high tensile precision cast aluminum housing
  - 4. Stable hydraulic door check fluid for any climate operation. Using a fire resistant oil with an operating range from -43.6°F (-42°C) to 140°F (60°C)
  - 5. Two speed control valves allow closing and latching speeds to be controlled by separate valves; fully adjustable after installation
  - 6. Universal Application: Non-handed for standard, top jamb or parallel installation (parallel arm bracket included)
  - 7. Numerous accessories are available to allow for special installations or adaptability
  - 8. Furnished with a high impact molded PVC Dress Cover (door closer body casting is finished for use with the Dress Cover)
  - 9. Dress Cover and Arm Assembly available in 605 (US3) Bright Brass or 625 (US26) Bright Chrome finishes
  - 10. Finishes available in Aluminum (AL), Hardware Bronze - Gold (BZ) and Storefront Bronze (DU)

#### 1.2 REFERENCES

- A. ANSI A117.1 – Barrier Free Operation to comply with Federal Accessibility Standards (ADA)
- B. ANSI A156.4 – Meets or exceeds compliance for Grade 1
- C. Underwriters Laboratories (UL/C) listed – Fire Resistance Directory

#### 1.3 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations
  - 2. Storage and handling requirements and recommendations
  - 3. Installation methods

- B. Shop Drawing: Manufacturer's approved drawings detail the application
- C. Section Samples: Samples are available depicting the finish types
- D. Verification Samples: For the finish product specified, two full size samples representing the actual product, color and size

#### 1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Series 9000 will be provided by a single manufacturer with over 30 years of experience in door closers

#### 1.5 DELIVERY, STORAGE AND HANDLING

- A. Store products in manufacturer's unopened packing until ready for installation
- B. No harsh chemicals are used during this process, so no special handling or disposal is required

#### 1.6 PROJECT CONDITIONS

Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by the manufacturer for optimum results. Do not install this product if environmental conditions are outside the manufacturer's limits.

#### 1.7 WARRANTY

After project completion, the owner or owner's representative will receive a copy of the Manufacturer's Limited Warranty against manufacturing defects. The duration of this warranty is 5 years.

## PART 2 PRODUCTS

### 2.1 MANUFACTURER

International Door Closers, Inc (Manufacturers' Rep): [www.intldoorclosers.com](http://www.intldoorclosers.com)

1140 N Kraemer Pl, Anaheim, CA 92806 - (800) 544-4422  
 1920 Air Lane Dr, Nashville, TN 37210 - (800) 225-6737

### 2.2 DOOR CLOSER

Series 9000 (Models 9001 and 9003)  
 Adjustable Spring Power – Surface Mounted

<u>Description</u>	<u>w/Dress Cover</u>
Length of Closer	12-1/8"
Horizontal Mounting Holes	11-3/32"
Vertical Mounting Holes	3/4"
Overall Height	4-9/16"
Height of Closer	2-13/16"
Projection from Door	2-9/16"
Top of Door to Bottom of Closer	3-5/16"

## **PART 3 EXECUTIONS**

### **3.1 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared
- B. If the substrate is the responsibility of another installer, notify the Architect of any unsatisfactory preparation before proceeding

### **3.2 PREPARATION**

- A. Clean surfaces thoroughly prior to installation
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions

### **3.3 INSTALLATION**

- A. Install in accordance with manufacturer's instructions

### **3.4 PROTECTION**

- A. Protect installed products until completion of project
- B. Repair or replace any damaged products before substantial completion

**END OF SECTION**