



# Series 5000/5050 Handicap Door Closers

## Adjustable Spring Power – Surface Mounted

### Part 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Series 5000/5050 Door Closers with or without Dress Cover (Handicapped approved and UL listed)
- B. Features:
  - 1. ADA (Handicap) multi-sized closer with adjustable spring power
  - 2. Adjustable spring power 8 1/2 lbs to Size 5 or 5 lbs to size 4 (depending on model); Adjustable after installation
  - 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. Series 5050 without the dress cover has a narrow design permitting installation on most modern glass and aluminum doors without adaptors
  - 6. Two speed control valves allow closing and latching speeds to be controlled by separate valves; fully adjustable after installation
  - 7. Furnished with regular arm; optional hold-open or fusible link hold-open arms
  - 8. Hold-Open arms are adjustable for holding from 90° to 180°
  - 9. Numerous accessories are available to allow for special installations or adaptability
  - 10. Built-in positive back stop and hold-open positions with variable adjustment settings
  - 11. 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. UL 10C and UBC 7-2 (1997) Fire Safety and Fire Endurance tested
- 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 5000 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):  
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 5000, (Models 5001, 5002, 5003) and Series 5050, (Models 5051, 5052, 5053)  
Adjustable Spring Power – Surface Mounted

<u>Description</u>	<u>w/Dress Cover</u>	<u>No Cover</u>
Length of Closer	13”	12 11/16”
Horizontal Mtg Holes	12”	12”
Vertical Mtg Holes	3/4”	3/4”
Overall Height	5 1/8”	5 1/16”
Height of Closer	3”	2 7/8”
Projection from Door	2 5/16”	2 3/16”

## **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**