



# 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**