



Series 300 Handicap Door Closers

Adjustable Spring Power – Concealed Overhead

Part 1 GENERAL

1.1 SECTION INCLUDES

- A. Series 300 Door Closers (Handicapped approved and UL listed)
- B. Features:
 - 1. ADA (Handicap) multi-sized closer with adjustable spring power
 - 2. Only 8 ½ lbs of opening force to medium tension and is fully adjustable after installation
 - 3. Barrier Free Operation to comply with Federal Accessibility Standards (ADA) ANSI A117.1
 - 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. Fits in an aluminum header or transom bar as small as 1 ¾" x 4"
 - 6. Two adjustment valves allow closing and latching speeds to be controlled by separate valves; fully adjustable after installation
 - 7. This unit can be mounted on Center Hung Doors and Offset Hung Doors
 - 8. Numerous accessories are available to allow for special installations or adaptability
 - 9. Adjustable dual purpose radial ball bearing bottom pivot set is standard for floor or threshold center pivoted installation. (Optional) Adjustable Floor mount bottom pivot set and adjustable Threshold mount bottom pivot set
 - 10. Built-in positive back stop and hold-open positions available

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

Shop Drawing: Manufacturer's approved drawings detail the application

Section Samples: Samples are available depicting the finish types

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 300 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 (Manufacturer's Rep) with locations in:
1140 N Kraemer Pl, Anaheim, CA 92806 (800) 544-4422
1920 Air Lane Dr, Nashville, TN 37210 (800) 225-6737

2.2 DOOR CLOSER

Model 310	105° Back Stop with Hold-Open
Model 311	105° Back Stop – No Hold-Open
Model 312	90° Back Stop with Hold-Open
Model 313	90° Back Stop – No Hold Open

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