



MINI ROLL UP

A1.5

SECTION 083300 COILING DOORS AND GRILLES PART 1 - GENERAL

1.01 SUMMARY

- A. Section Includes: Manual push-up [strap] [crank] [electric motor operated] overhead rolling doors.

KEEP B AND C 4. BELOW IF NOT USING MANUFACTURER'S STANDARD CYLINDERS

- B. Products Not Installed Or Supplied Under This Section: Keyed mortise cylinders.
C. Related Sections: Door opening structural or finish work and all electrical is in the scope of other sections.
1. 05500 Metal fabrications; door jamb and header
2. 06100 Rough carpentry; door jamb and header
3. 08310 Access doors and panels
4. 08710 Door hardware; keyed mortise cylinders
5. Division 16; all miscellaneous wiring for electric motors and accessories.

1.02 SUBMITTALS

- A. Reference Section 01330 Submittal Procedures; submit following items:
1. Product Data: Include published data and specific data prepared for this project.
2. Shop Drawings: Include detailed plans, elevations, required clearances and accessories.
3. Installation instructions.
4. Quality Assurance Requirements:
a. Manufacturer qualifications.
b. Installer qualifications.
c. Certificates.

1.03 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum of three years experience in the fabrication and installation of Coiling Doors and Grilles.
B. Installer Qualifications: Authorized representative of the manufacturer.
C. Certificate stating that materials and finishes comply with specifications.
D. Single Source Responsibility: Provide Door, guides and related primary components from one manufacturer for each type of Door. Provide secondary components from source acceptable to manufacturer of primary components.
E. Pre-Installation Conference: Schedule and convene a pre-installation conference just prior to commencement of field operations to establish procedures to maintain optimum working conditions and to coordinate this work with related and adjacent work.

1.04 DELIVERY, STORAGE AND HANDLING

- A. Reference Section 01660 Product Storage and Handling Requirements.
B. Deliver materials in labeled protective packages. Store and handle in compliance with manufacturer's instructions.

1.05 WARRANTY

A. Limited Warranty: One year from the time of installation for defective materials and workmanship.

PART 2 - PRODUCTS

2.01 MANUFACTURER

A. Dynamic Closures Corporation

Telephone: 1-800-663-4599; Fax: 1-800-205-6665

Telephone: 1-613-938-1222; Fax: 1-613-933-9189

E-mail: CustomerService@DynamicClosures.com

B. Local representative: ***INSERT NAME, ADDRESS AND PHONE***

C. Substitutions: CHI Corporation

2.02 MODELS AND MATERIALS

A. Model: Coiling Door - A1.5

B. Curtain:

1. Horizontal Slats: Extruded single wall aluminum interlocking flat slats. Slat width shall be 1.5 inches (38 mm) high by 0.34 inch (9 mm) wide and extruded of 0.057 inch (1.45 mm) thick wall.

2. Bottom Bar: Double-walled extruded aluminum with polypropylene felt weatherstripping on bottom to seal for light and sound.

C. Guides: Extruded aluminum 2.125 inch (54mm) by .875 inch (22mm) fitted with two rows of polypropylene felt weatherstripping for quiet operation and to cushion both sides of curtain.

D. Finish-Exposed Aluminum Parts: Clear anodized

E. Counterbalance: Helical torsion spring assembly set in roll formed galvanized steel pipe of recommended size by manufacturer to support curtain with a maximum deflection of .03 inch (.76mm) per foot of curtain width.

F. Bracket Plates: Minimum .187 inch (5mm) thick die cast aluminum to support counterbalance assembly, curtain and hood.

G. Locking:

1. Slide locks located on bottom bar, secured side of curtain.

Or

1. Keyed cylinder centered to one side of bottom bar.

H. Operation:

1. Manual push-up

Or

1. Hand crank from coil side of curtain.

Or

1. Strap operation from secure side of curtain.

Or

1. Electric Motor: Tubular motor, size recommended by manufacturer.

a. Keyed control stations: Constant contact operation, flush mounted one or both sides of curtain for secured operation.

I. Hood 18 gauge (.040) thick preformed sheet aluminum.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine supports and other conditions under which Doors are to be installed.

B. Coordinate with responsible entity to correct unsatisfactory conditions and do not proceed with installation until conditions are corrected.

3.02 INSTALLATION

A. Follow manufacturer's installation instructions and approved shop drawings.

3.03 ADJUSTING AND CLEANING

- A. Test operation of Door and adjust as necessary to provide smooth and proper operation.
- B. Clean exposed surfaces using manufacturers recommended cleanser.

DEMONSTRATION

Instruct Owner's personnel in proper operating and maintenance procedures.

END OF SECTION.



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Specifications subject to change without notice.