



Series 300 - Commercial Slat Door

Part 1 – GENERAL

1.01 DESCRIPTION

- A. Type:** Standard Commercial Slat Door to be manufactured by Janus International Group.
- B. Operation:** to be chain hoist operated using gear reduction or electric operation.
- C. Mounting:** to be interior face mounted on a prepared opening.

1.02 RELATED WORK

- A. Opening preparation, access panels, finish or field painting are in the scope of the work of other sections or trades.

Part 2 - PRODUCT

2.01 CURTAIN

A. Slats: Galvanized steel cold roll formed in continuous lengths. Galvanized according to A.S.T.M. A653-G90 and finished with baked epoxy primer and baked polyester topcoat.

1. Model 324 – 24 gauge in flat or curved slat up to 16' (4.88m) wide x 16' (4.88m) high

2. Model 322 – 22 gauge in flat or curved slat up to 12' (3.66m) wide x 12' (3.66m) high

B. Endlocks: each end of alternate slats to be fitted with nylon endlocks to provide a wearing surface in the guides and to maintain slat alignment.

C. Bottom Bar: curtain to be reinforced with a bottom bar consisting of a 2" x 1 ½" x 12-gauge angle fastened to aluminum retainer with bulb astragal.

2.02 DRUM ASSEMBLY

A. Drum: 26-gauge 12" (304.8mm) diameter galvanized steel spiral torque tube attached to 16-gauge galvanized steel drums, with ball bearings, supported by 1-5/16" O.D. steel tubing.

B. Springs: factory lubricated, oil tempered, helical torsion springs located inside the barrel made of wire conforming to ASTM A229. Springs are attached to the steel axle tube by means of a welded spring clip, the springs are designed to cycle 12,500 times.

C. End Bearings: to be self-lubricating ball bearings.

2.03 SUPPORT BRACKETS

A. Support Brackets: to be 3/16" (4.76mm) thick steel angles and a 1/4" (6.35mm) thick steel diagonal brace welded in a triangular form to support ends of drum assembly.

2.04 OPERATION

A. Drive: reduction gear chain hoist standard for all sizes.

B. Hand Chain: to be galvanized machine link. Pull not to exceed 35 lbs.

C. Electric Operation: Wall mounted jackshaft motor.

2.05 GUIDE ASSEMBLY

A. Guides: to be roll formed 12-gauge heavy duty galvanized steel channels (3 ½" deep).

B. Guide Depth: to provide slat penetration adequate to satisfy specified windloading.

2.06 LOCKING

A. Hand Chain Lock: bracket, to be mounted on guide angle or wall.

B. Curtain Lock: hardened galvanized steel slide bolts attached to bottom angle suitable for padlocking. (padlock by others)

2.07 FINISH

A. Ungalvanized Surfaces: to be shop coated with rust reducing black prime paint. Finish options, satin white, gray or tan topcoat.

3.01 INSTALLATION

A. Installation: to be by Janus International Group authorized representative according to Janus International Group standards and instructions.