

Model 722 - Rolling Counter Shutter / Steel Curtain

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Type:** Rolling Counter Shutter to be manufactured by Asta Door Corporation.
- B. Operation:** Manual push-up standard up to 10' (3.05m) wide, otherwise reduced drive awning crank.
- C. Mounting:** to be interior face mounted on a prepared opening, between jamb under lintel, between jamb face of wall or exterior.

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 / Endlocks:** 22-gauge steel slats roll formed in continuous lengths. Flat profile 1-1/2" (38.1mm) x 1/2" (12.7m).
1. Model 722 available in sizes up to 14' (3.05m) x 8' (2.44m)
- B. Bottom Bar:** Extruded aluminum single angle bottom bar with dual slide bolt locks and bottom astragal.

2.02 BARREL ASSEMBLY

- A. Barrel:** Fabricated from minimum 4-1/2" O.D. pipe. Deflection under full load not to exceed 0.03" per foot of span. Barrel provided with threaded rings or lugs welded to the barrel assembly for curtain attachment.
- B. Springs:** Spring tension assembly supported within barrel by precision ball bearings. Curtain weight counterbalanced by oil-tempered, helically wound torsion springs, grease packed and mounted to steel torsion shaft with cast spring plug. Spring assembly for 20,000 cycle life springs (Standard). Higher cycles (optional).

2.03 HEAD PLATES

Headplates for mounting curtain, hood and barrel assemblies fabricated from steel plate. Drive side of barrel to be provided with precision sealed ball bearing in cast iron housing.

2.04 OPERATION

- A. Drive:** Manual push-up to 10'-4", otherwise reduced drive awning crank.

2.05 GUIDE ASSEMBLY

- A. Guides:** Guides to be two-piece aluminum angles. Box shaped two-piece, bell mouths and head stop.

2.06 HOOD

- A. Hood:** 24-gauge steel shaped to fit within the headplates. Intermediate hood support (s) furnished as required.

2.07 LOCKING

- A. Locking:** Dual Slide Bolt Locks Are Standard, tubular bottom bar with cylinder locks optional.

2.08 FINISH

A. Surfaces: Steel curtain slats and hood hot-dipped galvanized per *ASTM A-653* with baked on epoxy primer and polyester finish coat in grey and white. Painted curtains are furnished with clear anodized extruded aluminum boxed guides and bottom guide. Powder coating available for all painted and components.

3.01 INSTALLATION

A. Installation: Asta Door Corporation Doors shall be installed and adjusted by authorized representative according to Asta Door Corporation standards and instructions.