

Model CS522 - Rolling Counter Shutter / 22 Gauge Steel

Model CS544 - Rolling Counter Shutter / Clear Anod. Aluminum

Model CS566 - Rolling Counter Shutter / 22 Gauge Stainless Steel

Part 1 - GENERAL

1.01 DESCRIPTION

A. Type: Rolling Counter Shutter to be manufactured by Asta Door Corporation.

B. Operation: Manual push-up, reduced drive awning crank, concealed tube motor or outside motor optional.

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 / Endlocks: Extruded, interlocking aluminum slats, interlocking roll-formed slats in 22 gauge steel or interlocking roll-formed 22 gauge #4 polished stainless steel slats, Lateral slat movement and curtain wear controlled by nylon endlocks fastened to every other slat. Slat profile measures 1- 1/2" high by 1/2" deep.

B. Bottom Bar: Extruded aluminum with integral lift rails and dual bottom astragal for aluminum and steel curtains. Stainless steel angles with astragal standard for stainless curtains. Two piece stainless steel tubular bottom bar with astragal (optional).

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 10,000 cycle life springs (Standard). Higher cycles (optional).

2.03 HEAD PLATES

A. Head Plates: Headplates for mounting curtain, hood and

barrel assemblies fabricated from steel plates 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, reduced drive awning crank, concealed tube motor or outside motor optional.

2.05 GUIDE ASSEMBLY

A. Guides: Extruded, clear anodized aluminum. Box shaped two piece configurations with soft brush guide runners, bell mouths and travel stops. Guides for stainless steel shutters are box shaped, # 4 polished stainless steel with integral bell mouths and curtain stops.

2.06 HOOD

A. Hood: Fabricated from minimum 24 gauge galvanized steel, aluminum or stainless steel sheet shaped to fit within the headplates. Intermediate hood support (s) furnished as required.

2.07 LOCKING

A. Locking: Manual push-up doors furnished with thumb turn lock and handle (standard). Stainless steel slide locks provided with stainless steel curtains (standard). Cylinder locking (optional).

2.08 FINISH

A. Surfaces: Extruded aluminum curtain, guides and bottom bar to be clear anodized. 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. Stainless shutters furnished with #4 polished finish curtain, guides, and bottom bar. Powder coating available for all painted and aluminum components.

Part 3 - EXECUTION

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.