



3" Curve with endlocks



3" Curve with continuous windlock endlocks (optional)

We also have the ability to accurately match the customer's color requirements when provided with the appropriate material samples.



INSTALLATION

Opening preparation, miscellaneous or structural metal work, access doors, finish or field painting, field electrical wiring, wire, conduit, fuses and disconnect switches are in the Scope of Work of other divisions or trades.

Slide Locks Optional



SERV-DAWN

INDUSTRIAL SERVICE DOOR

Exo-Shield



APPLICATION AND USE

ISO 9001 Registered Company

HEAVY DUTY CONSTRUCTION DESIGN

Serv-Dawn doors are ideal for use in Factories, Parking Garages, Harsh Environments, Airports, Loading Docks, Industrial and Commercial Buildings, Security/Impact Areas, High Traffic Areas, Shipping and Ocean Container Loading and Unloading Areas.

THE ALPINE ADVANTAGE AND BENEFIT

Alpine Serv-Dawn doors are recommended for security against theft and other applications where a space saving, low cost closure is required. No matter how large or small the job or how unusual the application, Alpine has a service door that meets your individual specifications. Doors are available in different materials including galvanized, prime painted, stainless steel, and aluminum. Alpine's quality and workmanship are proven throughout the door industry. Our hands-on approach to every job ensures customer satisfaction.

FUNCTIONAL BENEFITS

Alpine ServDawn is cost effective, strong and come in contoured interlocking slat designs. Doors can be manually pushed up, hand-crank, hand-chain or motor operated. All operators can be adapted to specific conditions. Slide lock or pin locking mechanisms can be provided depending on the type of door operation. Alpine rolling steel doors are durable, sturdy and economical to install and maintain.

OTHER RELATED PRODUCTS



DOOR CONSTRUCTION

(ISO 9001: 2000 Registered Company)

CURTAIN

Constructed of 22 gauge, roll-formed galvanized steel, 3" curved slats, interlocking, with contoured sections. Heavy Duty Industrial Design available in 20,18,16, and 14 gauge. Finish Options: baked enamel or powder coated.

BRACKETS

Steel plate not less than 1/4" thick. Ball bearings are located at rotating support points. When bolted to the wall mounting angle it supports the counterbalance assembly and forms an end enclosure. Optional Stop-Lock Bearings.

GALVANIZED ENDLOCKS

Ductile cast iron endlocks, hot-dipped galvanized and riveted to the ends of each alternate slat with 1/4" thick solid rivets which prevents lateral movement and limits the slat deflection of the curtain. Upon request, windlocks are provided based on door size and or design windload requirements.

BOTTOM BAR

Made of two galvanized steel angles which extend into the guides. Option: Astragal.(Weatherstripping). Option: Sloping bottom bar.

GUIDES

Guides are designed using structural or formed steel angles a minimum of 3/16" thick. Option: Brush Seals.

OPERATION

Available in push-up, hand chain, hand-crank, or motor operation. For optional features see the motor operators section in this catalog.

COUNTERBALANCE ASSEMBLY

Steel pipe barrel of a size capable of carrying a curtain load with a maximum deflection of 0.03" per ft. of door width. The Heat treated helical torsion springs are encased in a steel pipe barrel designed for proper door balance. This is to ensure that effort to operate the door will not exceed 35 lbs. A sealed and prelubricated ball bearing is present at rotating support points. A Charge Wheel is located outside the end bracket, which is used for applying initial spring torque and for future adjustments.

Option: High Cycle Springs can be designed to satisfy from 20,000 life cycles up to 400,000 life cycles

HOOD Hexagon (Option: Square or Round)

Made from 22 gauge steel formed to fit the contour of the brackets with 3/8" thick intermediate supports as required to prevent excessive sag.

LOCKING (Optional)

Doors can be optionally equipped with padlockable slide locks for latching and locking the door on the coil side of the bottom bar. Electric Interlocks are recommended for motorized doors.

MOTOR OPERATORS

Choice of Redi-Master™, Redi-Hoist™, or Redi-Lift™ operators are available for Alpine's Conventional product lines. *Please See Alpine's Motor Operator Page (www.alpinedoors.com/motoroperators.htm)*

ACCESS CONTROLS: Optional control stations are available as Push Button Control Station or Key Control Stations. Special Control Stations are also available, please consult factory. *Please See Alpine's Access Controls Page (www.alpinedoors.com/accesscontrols.htm)*

FINISH (EXO-SHIELD POWDER COATING)

Slats are prepared with a minimum galvanizing of G-60 (interior) and G-90 (exterior). The hoods are galvanized and other exposed ferrous surfaces are prime painted. (Finish Options: phosphate, baked enamel or powder coated. *Please See Alpine's Color Selection Page (www.alpinedoors.com/colors_standard.htm)*

PIPE SHAFT

Door opening sizes vary from 5' X 6' up to 65' X 40'.

Depending on the width and height of the door the pipe will vary between 4", 6", 8", up to 28" pipe. Pipe shafts are made from 1018 cold rolled round steel and the drive shaft range from 1 1/4" for 4" pipe, 1 1/2" for 6" pipe, and 1 3/4" for 8" pipe.



Fenestration Slats provide needed ventilation.