



#### Features:

- Manual safety release
- Adjustable, grease resistant, reinforced bulb type seals on perimeter.
- Freezer doors are heated at gasket areas to prevent freezing.
- Four-wheel trolley assembly provides long wear on track.
- Instant reverse full height safety edge.
- Enclosed drive chain and sliding shoes.
- Break-a-way stay roller assemblies. 24 volt control switches.
- Precision ground shafts and hardened gears.
- Electric overload protection.
- Adjustable torque limiter- slip on overload only.

#### Optional features:

- Optional finishes include 22 or 24 gauge galvanized steel with or without stucco embossing and paint-Aluminum, FRP and stainless steel surfaces are available, Kayon™ (PVC) plastic wear surfaces on door and frame.
- Locking devices-electric cut-off HASP.
- Pedestrian partial opening switches.
- Heavy duty door heaters.
- Viewing windows.
- Heated control panel.
- Inside casings.
- Personel escape wicket doors.
- Meat rail provision.
- High speed electric or hydraulic operators - up to 80 ips.
- Dual speed operator: 80 ips to open/ 40 ips to close.
- Class I, Div 1, Group C & D explosion proof available.

## DHS - Double Horizontal Slide Doors

**Description:** Clark's Bi-Parting horizontal slide doors (power or manually operated to suit your needs. Openings are twice as fast as single slide doors and ideally suited for openings with high speed traffic. Door seals tightly on an inclined door track. Available in five temperature ranges: refrigerated and storage areas.

**Applications:** Clark DHS doors clear the opening rapidly. A 6 foot opening requires 2.5 seconds with our standard 10 HP operator. Primarily used to provide rapid access to cold processing or other temperature critical areas. These doors are ideal in high traffic areas and can be used in interior or exterior applications.

#### Construction:

**Face Mounted Frame:** Vertical casings and header are white reinforced pultruded fiberglass. Casings and header are factory drilled and marked for rapid field assembly and alignment.

**Panel:** Door panel is constructed with 18 Ga. #304 2B steel perimeter channel, joined at corner sections with magnesium cast corners, and clad with 26 Ga. G-90 galvanized steel, white painted with non-directional stucco embossing. Finish paint to be imperial white modified polyester with thickness of 1.0 mil inclusive of primer coat. All seams are sealed. Meets USDA-MID and Agriculture Canada requirements.

**Track:** Duo-wedge double "J" track and hardware factory mounted on header. Door glides down and in on inclined positive seal and immediate clearance of gaskets when closed. Double "J" track prevents door panel from lifting out of track.

#### POWER DRIVE:

**Model 1000:** TEFC fractional HP synchronous AC motor to 20:1 worm gear in oil bath totally enclosed for life. A precision machined torque limiter designed to slip on overload only. Smooth, quiet operation with "soft" start and stop. at average speed of 40 inches per second on DHS doors. Remote pullcords for open/close controls. Control voltage entire system NEMA 4 standard. Full height, instant reverse safety edge-non-electric. Drive chain to be fully enclosed galvanized steel drive track.

**Insulation:** Clark doors are filled with environmentally friendly NON-CFC polyurethane insulation "R"-7.8 per inch that provides outstanding strength and rigidity to the door as well as thermal and acoustical performance. The insulation is injected to fill the door without voids. Steel facings are chemically treated with the insulation to provide vapor tight construction.

#### Controls:

- Pullcord control is standard supplied with heavy aluminum 24 vac switches (heated inside freezer application).
- Time delay option available to automatically close the door if the opening is obstructed or to automatically close the door after the traffic has passed through.
- Radio and infra-red controls are available as a manually operated system of door control.