

Designed for an interior environment type agriculture-food industry or similar with a high degree of hygiene and demanding frequent cleaning and excellent sealing. Difference in pressure up to 0.82 lbs/sq.ft (winds of 19 MPH indicative, not including any multiplication coefficients taking into account the configuration of the building.)
 Maximum standard dimensions: W 12 ft x H 12 ft.

DESCRIPTION

STANDARD OPERATING SPEED:

Opening speed: 36"/sec.
 Closing speed: 24"/sec.

OPERATING TYPE: by gravity, with flexible weighted soft bottom edge.

SIDE GUIDE made of structural channels of 3 1/8" x 1 5/8" x 1/8" in stainless steel.

INNER SIDE GUIDE in polyethylene (PE-UHMW 1000); stainless steel outer section 1/2" x 13/16", fixed at the base of the structural channels with springs. This means that the door curtain is stretched between its side guides.

SIDE GUIDE COVERS in stainless steel included.

DRUM in steel, diameter 4" x 5/64", shaft in steel. Shafts and flanges are welded interior and exterior of the drum.

DOOR CURTAIN in very resistant PVC (28 oz/yd²). Available in different colors and provided with a continuous integrated bead side sealing (section 3/8" x 1/4"). The bottom edge is completely enclosed and hermetically sealed for ease of cleaning.

MOTOR without brake, 2 poles, controlled by a frequency inverter. Power: 1 HP. Voltage 3 x 230/400 V. Protection degree NEMA 4.

GEARBOX size 50. The reduction ratio 1/28 allows the static irreversibility of the reducer to maintain door position at all times.

DETECTORS: An Infrared photocell, installed inside the frame and detecting the presence of a pedestrian or a vehicle, immediately

opens the door and keeps it open as long as the presence is detected. Height of the photocell: 12" from the floor (optionally up to a maximum 24" upon request). A bottom edge detector opens the door when it hits an obstacle during the closing cycle.

POWER SUPPLY:

Standard: single phase 208-230 VAC, three phase 208-230 VAC, three phase 460 VAC. Also available: three phase 575 VAC (optional).

Frequency: 50-60 Hz. Circuit protection to be provided by the customer: 10A for a motor of 1HP.

SPACE REQUIREMENTS: All indicated dimensions are based on exact width and height dimensions only.

