

SPEC SHEET

Fabric Doors

M2 Stainless Steel Door



DESCRIPTION:

When Hygiene Matters:

The DYNACO Stainless Steel M2 high performance door is designed for applications where a high degree of hygiene is required, such as agriculture of food industry.

With its smooth flexible PVC door curtain and stainless steel side covers, this high performance door allows for frequent cleaning. It is perfectly resistant to corrosive conditions that might be present.

Superior Sealing:

The fast cycle of this high performance door limits the amount of open time. In combination with the superior seal around the full perimeter of the door, the DYNACO Stainless Steel M2 helps to keep draught, humidity, dust, dirt and other contaminations out of your premises. An optional stainless steel motor cover can be mounted on this high performance roll up door in order to meet even better all hygiene requirements.

Free of rigid elements in the curtain, this high performance roll up door is safe for your staff and equipment. It will cause no injuries or damages, even when accidentally hit by a person or vehicle.

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WARRANTY:

DYNACO's Power Series include an industry leading 5-year limited cycle warranty on the drive motor and 5 years on manufacturers defects. One year on balance of components.

Standard Features

Easy to Clean

PVC door curtain and stainless steel side covers.

Keeps Contaminants Out

Fast cycle and superior seal.

Safe for Personnel and Equipment

Flexible curtain without rigid elements avoids injuries and damages.

Uninterrupted Production and Logistics Activities

Self-reinserting door curtain avoids down-time

Low Cost of Ownership

Advanced push-pull drive technology

TECHNICAL SPECIFICATIONS

Standard Operating Speed	48"/sec. Optional speeds up to 96"/sec. upon request depending on door size
Operating Type	Gear driven, push-pull movement
Side Guide	Made of structural channels or 3 1/8" x 1 5/8" in stainless steel
Inner Side Guide	In polyethylene (PE-UHMW 1000); outer section 7/8" x 1 9/16" on springs
Side Guide Covers	In stainless steel included
Drum	In stainless steel, diameter 4" x 0.078", shafts in stainless steel. Shafts and flanges are welded interior and exterior of the drum.
Door Curtain	In reinforced PVC (27 oz/sq.yd). Available in different colors and provided with stainless steel side sealing zippers (section 5/8" x 1/2"); soft bottom edge design.
Motor	Without brake, with 4 poles, controlled by a variable speed drive. Power: 1 HP for a door surface up to 25 sq.yds; 2 HP (larger surface). Protection degree NEMA 4.
Motor Control	In stainless steel optional
Gearbox	Size 50 for a motor of 1 HP and gear reduction ratio 1/7; size 63 for 2 HP.
Detectors	An infrared photocell installed inside the side guide and detecting the presence of a pedestrian or a vehicle. Upon activation, it opens the door immediately and keeps it open as long as the presence is detected. Height of the photocell: 12" from the floor. (Optional: up to maximum 24" from the floor). A bottom edge detector opens the door when it hits an obstacle during the closing cycle. This detector is positioned at the bottom part of the curtain.
Power Supply	Standard: single phase 208-230 VAC, three phase 208-230 VAC, three phase 460 VAC. Optional: three phase 575 VAC. Frequency: 50-60 Hz. Fuses to be provided by the customer: 10A for a motor of 1HP and 16A for 2HP.
Space Requirements	All indicated dimensions are net: the additional space necessary for mounting and maintenance has to be taken into account. Reduced dimensions upon request.

Additional Options

- Stainless Steel Motor Cover
- Fully customizable:
 - Voltage
 - control box
 - special functions
 - audible/visual signals
 - heat options
 - interlock, safety
 - battery
 - covers
 - door curtain
 - vision & screen
 - mechanical options, fore-frame
 - remote stations
 - manual/automatic commands

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