STAINLESS STEEL M2 HIGH SPEED DOORS

CRASH FORGIVING & AUTOMATICALLY RE-INSERTING

STAINLESS STEEL M2
HIGH SPEED DOORS

Designed for interior and exterior use.

DYNACO is a unique "patented" concept offering:
The safest, fastest, best sealing doors, with the
lowest maintenance cost in the industry.

DYNACO

STAINLESS STEEL M2 Designed for interior and exterior environments.

Maximum standard dimensions: W 18' x H18'

Designed for interior and exterior environments such as agriculture or food, or for similar industries where a high degree of hygiene, frequent cleaning, excellent sealing and/or corrosive conditions are present.

Resists and operates under pressures up to:

Width (ft.)	UP TO 7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'
Pressure (lbs./sq.ft.)	23.89	20.90	18.58	16.72	15.20	13.93	12.86	11.94	11.15	10.45	9.84	9.29
Wind speed* (mph)	95	90	85	80	75	72.5	70	67.5	65	63.5	62	60

*Wind speed is indicative, not including any multiplication coefficients taking into account the configuration of the building.

DESCRIPTION

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" x 0.078" 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 ½"); 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 COVER 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).
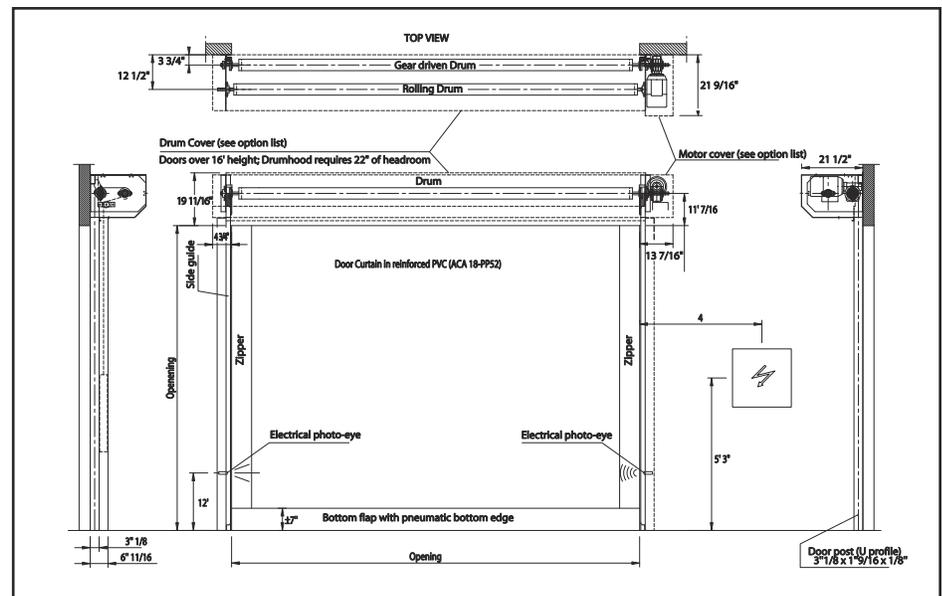
A bottom edge detector opens the door when it hits an obstacle during the closing cycle. This detector is positioned at the bottom part of the curtain.

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.

Within the framework of its policy of continuous development of its products, DYNACO reserves the right to modify the characteristics of its products and parts without prior notice.

The Leader in Door Safety and Design

DYNACO USA Order Form

DYNACO STAINLESS STEEL M2 DOOR

TECHNICAL INFORMATION

Door location: _____

Motor side: Ed01 ☐ Left   Ed02 ☐ Right

Door size: Width: _____ ft _____ In

Height: _____ ft _____ In

Head room clearance: _____ ft _____ In

Special instruction: _____

Power:
Fd00 ☐ 1 x 110V
Fd01 ☐ 1 x 208V
Fd01 ☐ 1 x 230V
Fd02 ☐ 3 x 208V
Fd02 ☐ 3 x 230V
Fd03 ☐ 3 x 460V
Fd04 ☐ 3 x 575V+Line Load Reactor

Color:
Ee00 ☐ Brown   Ee01 ☐ Grey
Ee02 ☐ Red   Ee03 ☐ Green
Ee04 ☐ White   Ee05 ☐ Yellow
Ee06 ☐ Blue   Ee07 ☐ Orange
Ee08 ☐ Black

Special Curtain request:
Fi15 ☐ Fire rated curtain material
Fi16 ☐ FDA approved curtain material
Fi17 ☐ Logo
☐ Egress Curtain

MECHANICAL

Covers:
☐ Side guide cover Stainless (ST)
☐ Motor cover Stainless
☐ Drum cover Stainless
☐ Fore frame unpainted
☐ Frame cover powder coat
☐ Motor cover powder coat
☐ Drum cover powder coat
☐ Fore frame painted

Vision: ☐ _____ Individual window(s)   ☐ _____ Window banner(s)   ☐ _____ Bug screen window(s)

Positioning: First row: Ee09 ☐ Custom height: _____
Multiple rows: Ee10 ☐ Heights: _____ ft & _____ ft & _____ ft

ELECTRICAL

Control box type: Fg04 ☐ Steel   Fg02 ☐ Stainless   Fg07 ☐ Custom: _____

Photocell (in side guide): ☐ Standard height (12")   Ef01 ☐ Other height: _____ ft
Ff01 ☐ Additional photocell – Height: _____

Electrical options:
Ff01 ☐ Additional photocell
Fh03a ☐ Flashing light
Fj04 ☐ Traffic lights

Fj12 ☐ Info door open
Fj18 ☐ Delay before opening
Fj19 ☐ Delay before closing

Fj13 ☐ Info door closed
Fj24 ☐ Info door running
Fj12 ☐ Info door not open

Fj01 ☐ Airlock/Interlock
Fgx ☐ Extended cable: _____ ft

REMOTE ACTIVATION

G11 ☐ Open push button   G17 ☐ Mushroom Button   G25 ☐ Open/close/stop button

Radar:
G56 ☐ Falcon (Nema 4)
G57 ☐ Remote control (BEA)
G54 ☐ Bracket in galvanized steel
G55 ☐ Bracket in stainless steel

Remote Control:
G41 ☐ Receiver
G42 ☐ 1 channel transmitter
G43 ☐ 2 channel transmitter
G44 ☐ 4 channel transmitter

Other Commands:
G31 ☐ Pull cord
G32 ☐ Supplementary cord _____ ft
G61 ☐ Loop detector

REMARKS

DYNACO. **THE SAFEST** CHOICE

DYNACO USA Order Form

DYNACO

Customer: [ ]   Door Reference: [ ]   Production Number: [ ]

GENERAL INFO

Invoice address (customer or DYNACO Dealer) **:**

COMPANY: Phone:

Contact name: Fax:

Address:

City: State: Zip Code:

END USER INFO

End user (if not the same as the invoice address) :

COMPANY: Phone:

Activity:

Contact name: Fax:

Address:

City: State: Zip Code:

DELIVERY INFO

Delivery address (if not the same as the end user address) :

COMPANY: Phone:

Contact name: Fax:

Address:

City: State: Zip Code:

INSTALLATION

Installation (if not by DYNACO Dealer) :

COMPANY: Phone:

Contact name: Fax:

Address:

City: State: Zip Code:

TIMING

Expected installation date:

Expected delivery time:

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