ALL WEATHER HIGH SPEED DOORS

CRASH FORGIVING & AUTOMATICALLY RE-INSERTING



ALL WEATHER HIGH SPEED DOORS

Designed for exterior use, with storm force wind exposure.

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



ALL WEATHER M2 Designed for exterior environments.

Resists and operates under pressures up to:

Maximum dimensions: W 18' x H18'

Width (ft.)	UP TO 7'	8′	9′	10′	11′	12′	13′	14′	15′	16′	17′	18′
Pressure (lbs./sq.ft.)	88.78	77.68	69.05	62.14	56.49	51.79	47.80	44.39	41.43	38.84	36.56	34.52
Wind speed* (mph)	185	170	162.5	150	145	140	135	130	125	122.5	120	115

^{*}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 of 3 1/8"x1 5/8"x1/8" in galvanized steel.

INNER SIDE GUIDE in polyethylene (PE-UHMW 1000); outer section 7/8" x 1 9/16", on springs. Galvanized side covers included.

DRUM in steel, diameter 4" x 0.078", shafts in steel.

DOOR CURTAIN in reinforced PVC (27 oz/sq. yd). Available in different colors and provided with side sealing zippers; 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 18 sq.yds; 2 HP (larger surface).

Protection degree NEMA 4.

GEARBOX size 50 for a motor of 1 HP and gear reduction ratio 1/7; size 63

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.

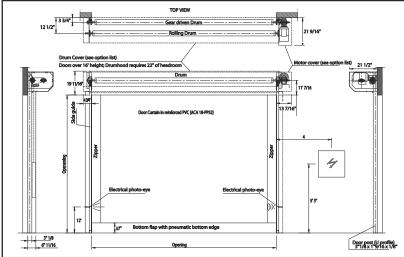
POWER SUPPLY: Standard: single phase 208-230 VAC, three phase 208-230 VAC, three phase 460 VAC. Optional: three phase 575

Frequency: 50-60 Hz. Circuit breakers to be provided by the customer: 10A for a motor of 1 HP and 16A for 2 HP.

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.



ALL WEATHER M3 Designed for exterior environments.

Resists and operates under pressures up to:

Maximum dimensions: W 39' x H18'

Width (ft.)	UP TO 19'	20′	21′	23′	25′	27′	29′	31′	33′	35′	37′	39′
Pressure (lbs./sq.ft.)	32.71	31.07	29.59	27.02	24.86	23.03	21.43	20.05	18.83	17.76	16.80	15.93
Wind speed* (mph)	110	107.5	105	100	97.5	95	90	87.5	85	82.5	80	77.5

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

DESCRIPTION

STANDARD OPERATING SPEED: 31.2"/sec.

OPERATING TYPE: gear driven, pushpull movement.

SIDE GUIDE made of structural channels of 3 15/16" x 2" x 1/8" in galvanized steel.

INNER SIDE GUIDE in polyethylene (PE-UHMW 1000); outer section 7/8" x 1 9/16", on springs. Galvanized side guide covers included.

DRUM in steel, diameter 5 1/2" x 1/8", shafts in steel.

DOOR CURTAIN in reinforced PVC (27 oz/sq.yd). Available in different colors and provided with side sealing zippers; soft bottom edge design.

MOTOR without brake, with 4 poles, controlled by a variable speed drive. Power: 2 HP for a door surface up to 44 sq.yds; 3 HP (larger surface)

Protection degree NEMA 4.

GEARBOX size 63 for a motor of 2 HP and gear reduction ratio 1/15; size 90 for 3 HP.

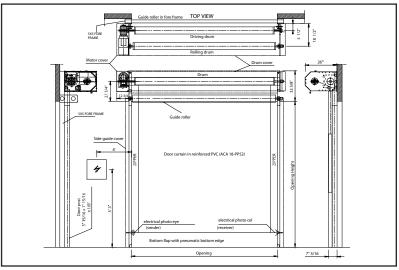
DETECTORS: An infrared photocell installed inside the side guide and detecting the presence of a pedestrian or a vehicle. Upon activation, it opens the door immediately and keeps it open as long as the presence is detected. Height of the photocell: 12" from the floor. (Optional: up to maximum 24" from 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 208-230VAC, three phase 208-230 VAC, three phase 460 VAC. Optional: three phase 575 VAC. Frequency: 50-60 Hz. Circuit breakers to be provided by the customer: 16A for a motor of 2 HP and 25A for 3 HP.

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.







DYNACO USA Order Form

DYNACO ALL WEATHER M3 DOOR

	Door location:	Motor side: Ed01 ☐ Left Ed02 ☐ Right							
TECHNICAL INFORMATION	Door size: Width:ftIn Power: Fdo1 ☐ 1 x 208V Height:ftIn Fdo1 ☐ 1 x 230V Head room clearance:ftIn Fdo2 ☐ 3 x 208V Special instruction: Fdo3 ☐ 3 x 460V Fdo4 ☐ 3 x 575V+Line Load Reactor	Color: Ee00 Brown Ee01 Grey Ee02 Red Ee03 Green Ee04 White Ee05 Yellow Ee08 Blue Ee07 Orange Ee08 Black Special Curtain request: Fi17 Logo							
MECHANICAL	Covers: □ Side guide cover galvanized (St) □ Side guide cover powder coat □ Motor cover galvanized □ Motor cover powder coat □ Drum cover galvanized □ Drum cover powder coat								
MECH/	Vision: Individual window(s) Window banner(s) Bug screen window(s) Positioning: First row: Ee00 ☐ Custom height:ft ft Multiple rows: Ee10 ☐ Heights:ft ft								
٩L	Control box type: Fg04 Steel Fg02 Stainless Fg07 Custom:								
ELECTRICAL	Photocell (in side guide): Standard height (12") Fi01 Additional photocell – Height:ft								
	Electrical options: F101 Additional photocell Fj12 Info door open Fj13 Info door closed Fn03a Flashing light Fj18 Delay before opening Fj24 Info door running Fj04 Traffic lights Fj19 Delay before closing Fj12 Info door not open	F _{j01} ☐ Airlock/Interlock F _{gx} ☐ Extended cable:ft							
	G11 Open push button G17 Mushroom Button G25 Open/close/stop button								
JON JON	Radar: G56 ☐ Falcon (Nema 4) G54 ☐ Bracket in galvanized steel G57 ☐ Remote control (BEA) G55 ☐ Bracket in stainless steel								
REMO	Remote Control: G41 Receiver G42 1 channel transmitter G43 2 channel transmitter G44 4 channel transmitter								
	Other Commands: GB1 Loop detector								
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REMARKS									
REM									

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1	BDYNAC	O	DYNACO	O USA Order Form
(Customer:	Door Reference:		Production Number:
	Invoice address (customer or I	OYNACO Dealer) :		
GENERAL INFO	COMPANY:			Phone:
	Contact name:			Fax:
	Address:			
GE	City:		State:	Zip Code:
	End user (if not the same as the	invoice address):		
NFC	COMPANY:			Phone:
END USER INFO	Activity:			_
SN C	Contact name:			Fax:
ENI	Address:			
	City:		State:	Zip Code:
	Delivery address (if not the sar	ne as the end user address):	
INF	COMPANY:			Phone:
DELIVERY INFO	Contact name:			Fax:
	Address:			
DE	City:		State:	Zip Code:
INSTALLATION	Installation (if not by DYNACO	Dealer) :		
	COMPANY:			Phone:
	Contact name:			Fax:
	Address:			
	City:		State:	Zip Code:
	Expected installation date:			
MING	Expected delivery time:			
	Expected delivery time:			

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