POWER HIGH SPEED DOORS

CRASH FORGIVING & AUTOMATICALLY RE-INSERTING



POWER 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.



POWER M2 Designed for interior and 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.)	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 of 3 5/16"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 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

MOTOR without brake, with 4 poles, controlled by a variable speed drive. Power: 1 HP for a door surface up to 12 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

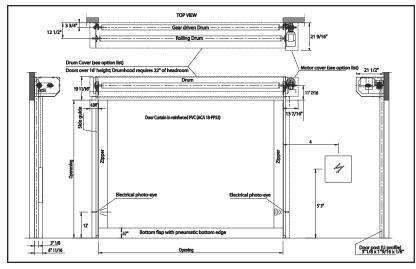
detecting the presence of a pedestrian or a vehicle. Upon activation, it opens the door immediately and keeps it open as long as the presence is detected. Height of the photocell: 12" from the floor. (Optional: up to maximum 24" from the floor).

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: 6A for a motor of 0.74 HP; 10A for 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.



POWER M3 Designed for interior and 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.)	8.80	8.36	7.96	7.27	6.69	6.19	5.77	5.39	5.07	4.78	4.52	4.29
Wind speed* (mph)	57.5	56.25	55	52.5	50	48.75	47.5	45	43.75	42.5	41.25	40

^{*}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, push-pull 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 61 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).

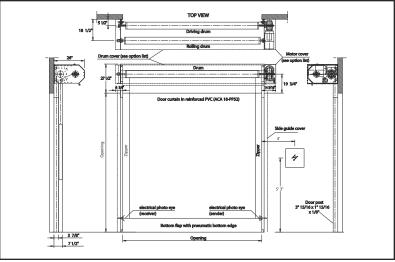
A bottom edge detector opens the door when it hits an obstacle during the closing cycle. This detector is positioned at the bottom part of the curtain.

POWER SUPPLY: Standard: single phase 208-230 VAC, three phase 208-230 VAC, three phase 460 VAC Optional: three phase 575 VAC. Frequency: 50-60 Hz. Circuit brakers to be provided by the customer: 16A for a motor of 2 HP and 25A for 3 HP.

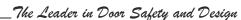
SPACE REQUIREMENTS: All

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 POWER M2 DOOR

	Door location:	Motor side: Ed01 Left Ed02 Right							
TECHNICAL INFORMATION	Door size: Width:ftIn Power: Fd00 ☐ 1 x 110V Height:ftIn Fd01 ☐ 1 x 208V Head room clearance:ftIn Fd02 ☐ 3 x 208V Special instruction: Fd03 ☐ 3 x 246V ☐ Application for cold storage Fd04 ☐ 3 x 575V+Line Load Reactor	Color: Ee00 Brown Ee01 Grey Ee02 Red Ee03 Green Ee04 White Ee06 Blue Ee08 Black Special Curtain request: Fi15 Fire rated curtain material Fi16 FDA approved curtain material Fi17 Logo Egress Curtain							
MECHANICAL	Covers: □ Side guide cover galvanized (St) □ Side guide cover Stainless □ Side guide cover Stainless □ Motor cover galvanized □ Motor cover Stainless □ Motor cover pour Drum cover galvanized □ Fore frame unpainted □ Drum cover Stainless □ Drum cover pour Drum cover pour Galvanized	owder coat wder coat ☐ Fore frame painted							
MECH	Vision: Individual window(s) Window banner(s) Bug screen window(s) Positioning: First row: Ee09								
ELECTRICAL		Fj01 Airlock/Interlock							
Ш	Fhosa ☐ Flashing light Fj18 ☐ Delay before opening Fj24 ☐ Info door running Fj04 ☐ Traffic lights Fj19 ☐ Delay before closing Fj12 ☐ Info door not open G11 ☐ Open push button G17 ☐ Mushroom Button G25 ☐ Open/close/stop button	Fgx ☐Extended cable:ft							
'ATION	Radar: G56 Falcon (Nema 4) G54 Bracket in galvanized steel G57 Remote control (BEA) G55 Bracket in stainless steel								
REMOTE ACTIVATION	Remote Control: G41 Receiver G42 1 channel transmitter G43 2 channel transmitter G44 4 channel transmitter								
REMOT	Other Commands: G31 Pull cord								
REMARKS									
REM									

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E-mail: dynaco@dynacodoor.us

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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