

D-501 COMPACT

PUSH-PULL

GEAR DRIVEN
TECHNOLOGY

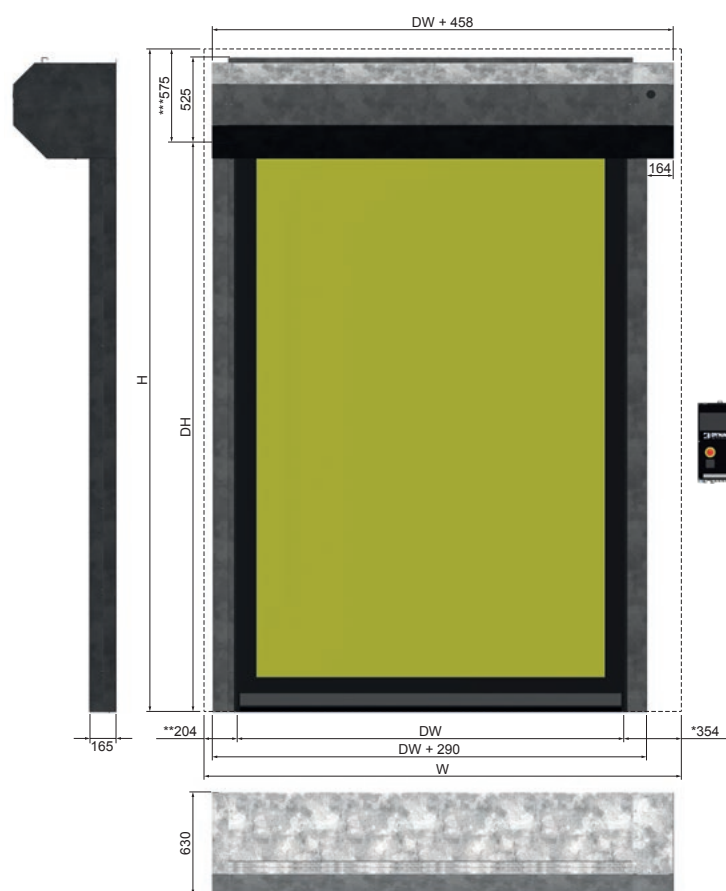
**DIMENSIONS
AND INSTALLATION
REQUIREMENTS**

SYSTON DOORS
ESTABLISHED 1920

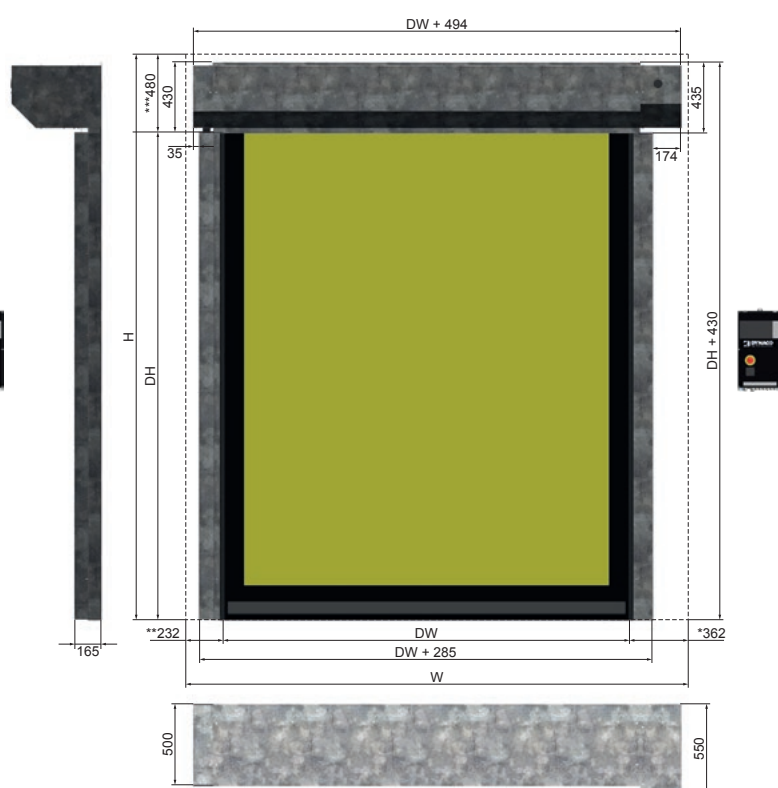
DYNACO
High Performance Doors

Technical Datasheet

D-501 ≥ 4000



D-501 < 4000



Key

W	Width side wall
H	Height side wall
DW	Horizontal opening
DH	Vertical opening

Standard cable length: 5m
Optional: 10m, 15m, ...

Consider the space required for installation

D-501 ≥ 4000	
Top of door	***575mm
Left side	**204mm
Right side	*354mm
D-501 < 4000	
Top of door	***480mm
Left side	**232mm
Right side	*362mm

Door dimensions (mm)

D-501		
	Min	Max
DW	1000	5500
DH	1000	5500



All indicated dimensions are net: the space necessary for mounting and maintenance has to be provided.
Reduced dimensions: upon request.
REMARK: Based on the risk analysis of the environment, extra push buttons, detectors and covers might be required.



Access our Public Configurator
to design your next Dynaco door.

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Designed for



Dynaco offers a wide range of products for several industrial applications.
Find out more on www.dynacodoor.com.

EN1241-1 standards

Test acc.	Ref.	Standard	Results
WATER PERMEABILITY	EN 12425	EN 12489	Class 2
WIND LOAD	EN 12424	EN 12444	Class 0*
WIND PERMEABILITY	EN 12426	EN 12427	Class 1**
SAFE OPENINGS	EN 12453	EN 12445	Pass
MECHANICAL RESISTANCE	EN 12604	EN 12605	Pass
UNINTENDED MOVEMENTS	EN 12604	EN 12605	Pass
CURTAIN THERMAL TRANSMITTANCE	EN 12428	EN 12428	6,02 W/m ² K
PERFORMANCE (CYCLES)	EN 12604	EN 12605	1.000.000

* Interior applications only

** Valid for a door of 3500 x 3500mm

Control Unit

Standard: DYNALOGIC 4 (Composite ABS & PC)	Optional:
• Single phase 230 V AC 1.9kVA 50-60 Hz • Controller with frequency inverter with brake resistor • Enclosure: 250x440x200 mm • Foil keypad • 7-segment display • 10 inputs • 2 relays • 1 digital output • 24 V DC / 500 mA • Main switch • Emergency stop	• DYNALOGIC 4 in steel or stainless steel enclosure (same specs as the standard composite version); hygienic design AISI 304 sloped 300x640x210 mm • DYNALOGIC 5 500x500x250 mm in steel or stainless steel enclosure

All variants are also available in 3x400V(+N)

Characteristics

MAX. DIMENSIONS	DW 5500 mm x DH 5500 mm		
OPENING SPEED	Up to 2,4 m/s		
CLOSING SPEED	1,2 m/s		
STRUCTURE	Galvanised steel: 80 x 40 x 3 mm. Option: stainless steel.		
DRUM	Steel - Ø 102 x 2 mm.		
SIDE GUIDES	Reinforced polyethylene (PE-UHMW1000) with springs		
MOTOR	4 poles, without brake Power: 0,75 kW or 1,5 kW (depending on size and opening speed). IP rating: IP56, optional IP65.		
CONTROL BOX	DYNALOGIC provided with: Circuit breaker, general divider, adjustable timer, push button for opening and reset, emergency stop and frequency inverter. IP rating: IP65		
STANDARD DETECTORS	Infrared barrier: 300 mm from the floor. Wireless DYNACO detector (a-WDD)		
POWER SUPPLY FREQUENCY	Single phase 230V - 0,75 kW=14 A / 1,5 kW=16 A Frequency: 50-60 Hz		
ADVISED OPERATING TEMPERATURE	+ 5 °C ÷ + 40 °C		
AVAILABLE COLOURS COMPARABLE WITH: (actual colours may deviate, colour samples available upon request)	Yellow	RAL 1003	
	Orange	RAL 2004	
	Red	RAL 3000	
	Blue	RAL 5002	
	Gentian blue	RAL 5010	
	Green	RAL 6005	
	Grey	RAL 7035	
	White	RAL 9010	
	Black	RAL 9005	
	Traffic grey	RAL 7043	
	Anthracite	RAL 7016	



Dynaco Europe NV
Waverstraat 21 B-9310 Moorsel-Aalst (Belgium)
Tel. +32 53 72 98 98 info@dynacodoor.com
www.dynacodoor.com

SYSTON ROLLING SHUTTERS LTD. trading as

SYSTON DOORS

ESTABLISHED 1920

1499 Melton Road | Queniborough | Leicester LE7 3FP

T (0116) 260 8841 | E sales@syston.com | www.syston.com

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