

# D-501 COMPACT

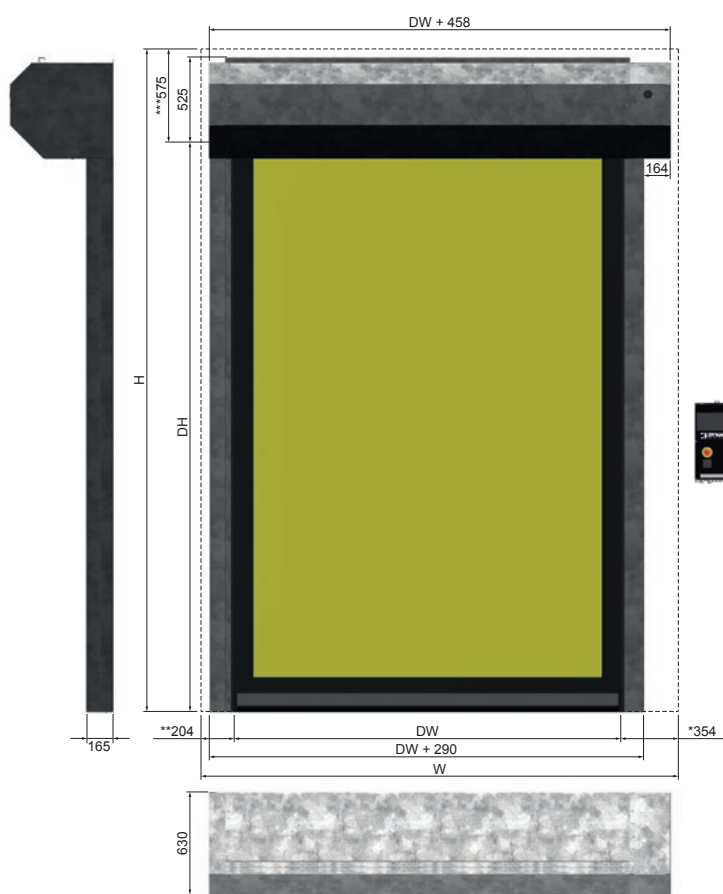
## PUSH-PULL

GEAR DRIVEN  
TECHNOLOGY

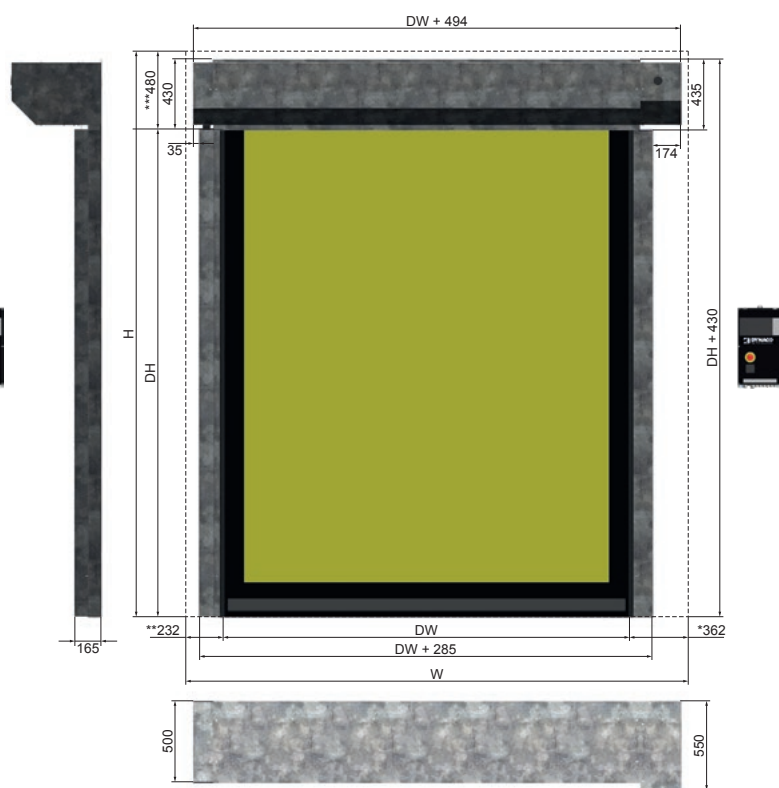
DIMENSIONS  
AND INSTALLATION  
REQUIREMENTS

## Technical Datasheet

### D-501 ≥ 4000



### D-501 < 4000



#### Key

<b>W</b>	Width side wall
<b>H</b>	Height side wall
<b>DW</b>	Horizontal opening
<b>DH</b>	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	Door dimensions (mm)	
	Min	Max
<b>DW</b>	1000	5500
<b>DH</b>	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.

# D-501 COMPACT

## PUSH-PULL

GEAR DRIVEN  
TECHNOLOGY

## Designed for



Dynaco offers a wide range of products for several industrial applications.  
Find out more on [www.dynacodoor.com](http://www.dynacodoor.com).

### EN13241-1 standards

Test acc.	Ref.	Standard	Results
<b>WATER PERMEABILITY</b>	EN 12425	EN 12489	Class 2
<b>WIND LOAD</b>	EN 12424	EN 12444	Class 0*
<b>WIND PERMEABILITY</b>	EN 12426	EN 12427	Class 1**
<b>SAFE OPENINGS</b>	EN 12453	EN 12445	Pass
<b>MECHANICAL RESISTANCE</b>	EN 12604	EN 12605	Pass
<b>UNINTENDED MOVEMENTS</b>	EN 12604	EN 12605	Pass
<b>CURTAIN THERMAL TRANSMITTANCE</b>	EN 12428	EN 12428	6,02 W/m <sup>2</sup> K
<b>PERFORMANCE (CYCLES)</b>	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:
<ul style="list-style-type: none"> <li>• Single phase 230 V AC 1.9kVA 50-60 Hz</li> <li>• Controller with frequency inverter with brake resistor</li> <li>• Enclosure: 250x440x200 mm</li> <li>• Foil keypad</li> <li>• 7-segment display</li> <li>• 10 inputs</li> <li>• 2 relays</li> <li>• 1 digital output</li> <li>• 24 V DC / 500 mA</li> <li>• Main switch</li> <li>• Emergency stop</li> </ul>	<ul style="list-style-type: none"> <li>• <b>DYNALOGIC 4</b> in steel or stainless steel enclosure (same specs as the standard composite version); hygienic design AISI 304 sloped 300x640x210 mm</li> <li>• <b>DYNALOGIC 5</b> 500x500x250 mm in steel or stainless steel enclosure</li> </ul>

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

### Characteristics

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

Dynaco is the world leader in high speed door technology. It offers state of the art solutions for both commercial and industrial applications, including sectional overhead doors.

Founded in 1987, Dynaco has acquired an extensive expertise in high performance doors. Yet it continues to invest in order to exceed your expectations of quality and performance. A network of certified and dedicated partners ensures an optimal service to customers all over Europe.

Dynaco is part of the ASSA ABLOY Group, the world leader in access solutions. Every day, we help billions of people experience a more open world.