

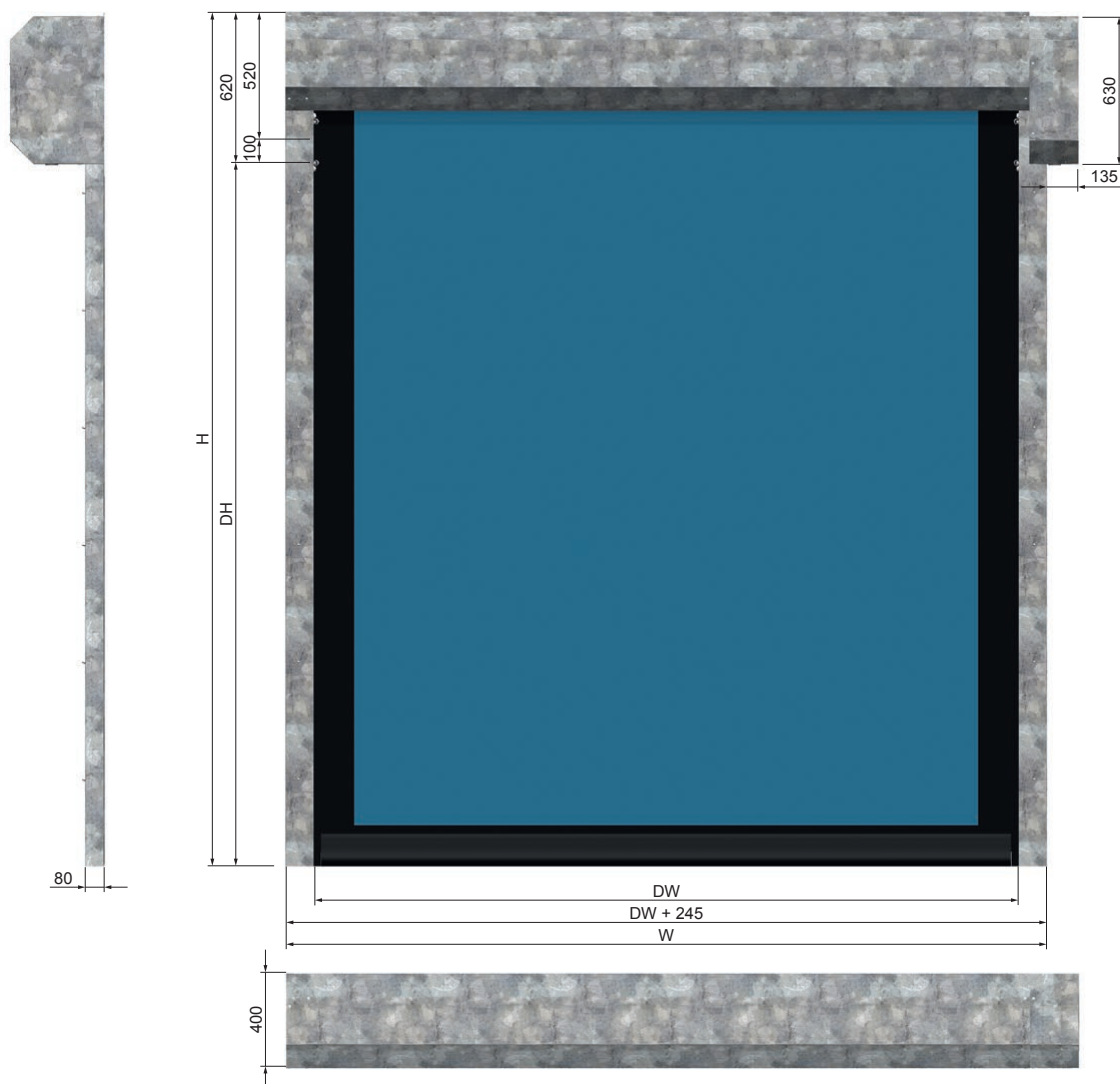
E-231

EXT

GRAVITY
DRIVEN

DIMENSIONS
AND INSTALLATION
REQUIREMENTS

Technical Datasheet



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

Top of door	620mm
Left side	122,5mm
Right side	257,5mm

Door dimensions (mm)

	Min	Max
DW	1000	4500
DH	2500	4500



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.

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to design your next Dynaco door.



E-231 EXT GRAVITY DRIVEN

Designed for



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

EN13241-1 standards

Test acc.	Ref.	Standard	Results
WATER PERMEABILITY	EN 12425	EN 12489	NPD
WIND LOAD	EN 12424	EN 12444	Up to Class 4
WIND PERMEABILITY	EN 12426	EN 12427	NPD
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	Under testing

Characteristics

MAX. DIMENSIONS	DW 4500 mm x DH 4500 mm																																	
MIN. DIMENSIONS	DW 1000 mm x DH 2500 mm																																	
OPENING SPEED	1,2 m/s																																	
CLOSING SPEED	0,8 m/s																																	
STRUCTURE	Galvanised steel: 80 x 40 x 3 mm.																																	
DRUM	Steel - Ø 102 x 2 mm.																																	
SIDE GUIDES	Reinforced polyethylene (PE-UHMW1000), on springs.																																	
MOTOR	4 poles, with brake. Power: 1.5 kW. IP rating: IP56, optional IP65																																	
STANDARD DETECTORS	Light curtain Type E. DBD: correct unwinding detector.																																	
POWER SUPPLY FREQUENCY	Single phase 230V - 16 A Frequency: 50-60 Hz																																	
ADVISED OPERATING TEMPERATURE	- 15 °C ÷ + 50 °C (not for freezer applications)																																	
AVAILABLE COLOURS COMPARABLE WITH: (actual colours may deviate, colour samples available upon request) *available door curtain PVC fire retardant B-S2-d0 (EN13501-1) RAL is indicative	<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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Control Unit

Standard: 52E	Optional:
<ul style="list-style-type: none"> Material: ABS 1 ph / 1,8 kW (12A) 230V 50/60 Hz Controller with frequency inverter Enclosure: 240 x 360 x 120 mm Foil keypad Clear text display, 36 characters Diagnostic function 7 input (open + closure + partial + main safety + second safety + auto/man + stop) 24V DC / 500 mA 	<ul style="list-style-type: none"> DYNALOGIC 4 composite, painted steel or stainless steel <p>All variants are also available in 3x400V(+N)</p>



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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.