

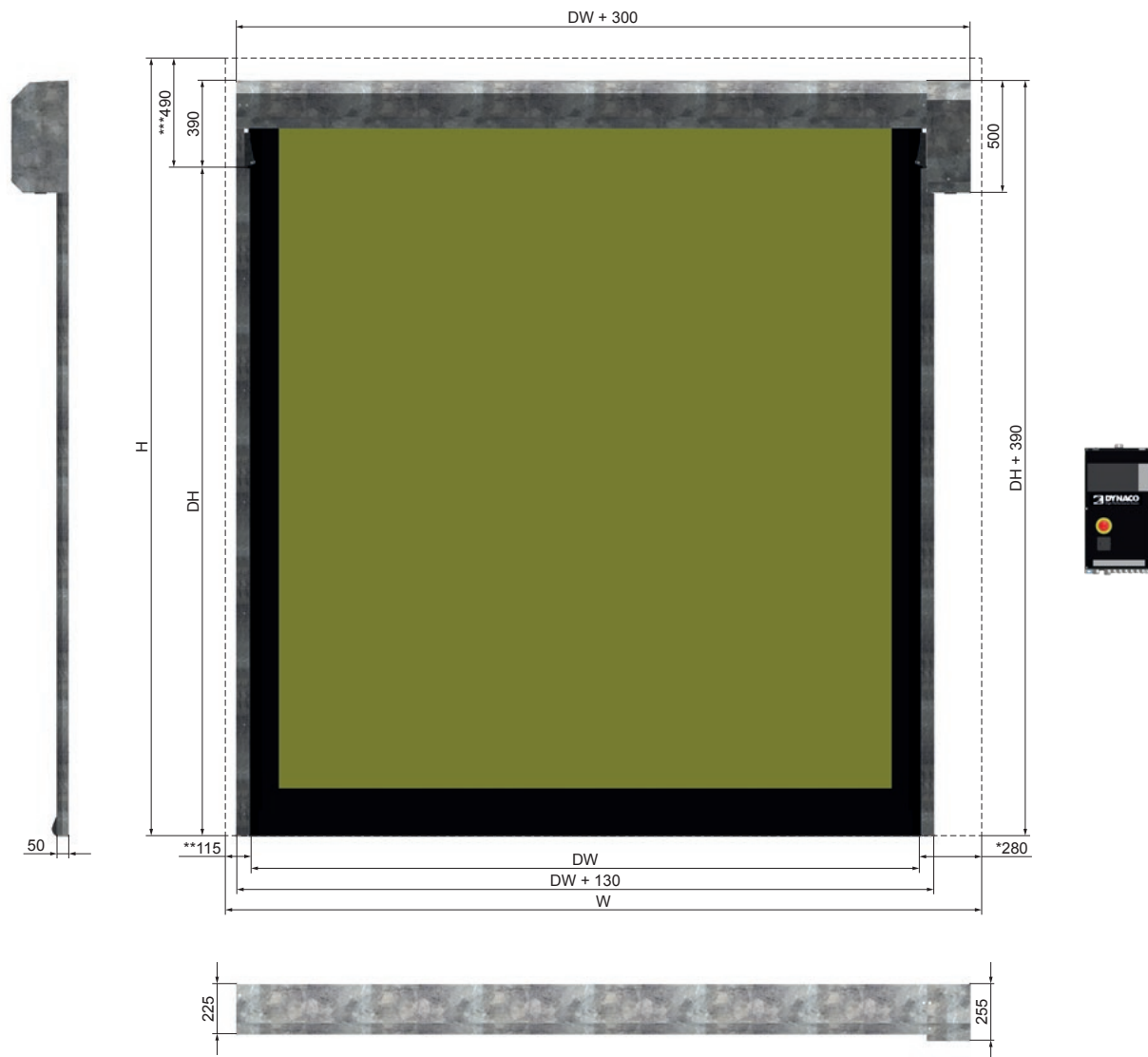
D-311 CLEANROOM

GRAVITY DRIVEN

LOW FRICTION
TECHNOLOGY

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	***490mm
Left side (motor side)	**115mm
Right side (opposite side)	*280mm

Door dimensions (mm)

	Min	Max
DW	1000	4000
DH	2000	4000



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-311 CLEANROOM GRAVITY DRIVEN LOW FRICTION TECHNOLOGY

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	Class 2
WIND LOAD	EN 12424	EN 12444	Class 1*
WIND PERMEABILITY	EN 12426	EN 12427	3 (overpressure**) 1 (underpressure)
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	standard: 6,02 W/m ² K Dynacoustic: 2,94 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:
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 4000 mm x DH 4000 mm																																	
OPENING SPEED	Up to 1,2 m/s (optional 2,0 m/s)																																	
CLOSING SPEED	0,5 m/s																																	
STRUCTURE	Folded steel: 37 x 52 x 3 mm, galvanised before cutting and folding. Full covers standard. Option: stainless steel																																	
DRUM	Steel - Ø 102 x 2 mm.																																	
SIDE GUIDES	Reinforced polyethylene (PE-UHMW1000)																																	
MOTOR	4 poles, without brake Power: 0,75 kW IP rating: IP56, optional IP65.																																	
CONTROL BOX	DYNALOGIC provided with: circuit breaker, general divider, adjustable timer, push button for opening and reset and emergency stop. IP rating: IP65. Frequency inverter.																																	
STANDARD DETECTORS	Infrared barrier: 300 mm from the floor. Wireless DYNACO detector (a-WDD) DBD: correct unwinding detector																																	
POWER SUPPLY FREQUENCY	Single phase 230 V - 14 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) *colour available also for Dynacoustic **available door curtain PVC fire retardant B-S2-d0 (EN13501-1)	<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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Dynaco Europe NV
Waverstraat 21 B-9310 Moorsel-Aalst (Belgium)
Tel. +32 53 72 98 98 info@dynacodoor.com
www.dynacodoor.com

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.