



**DYNACO**  
High Performance Doors



# DYNACO D-313 EMERGENCY

**Gravity  
driven**

low friction technology



inside door

# DYNACO D-313 EMERGENCY

The Dynaco D-313 Emergency is designed as an emergency exit for inside applications. At the same time, it offers all the advantages of a Dynaco high speed door. With its modern design, the D-313 Emergency LF is the slimmest high speed door in the market.

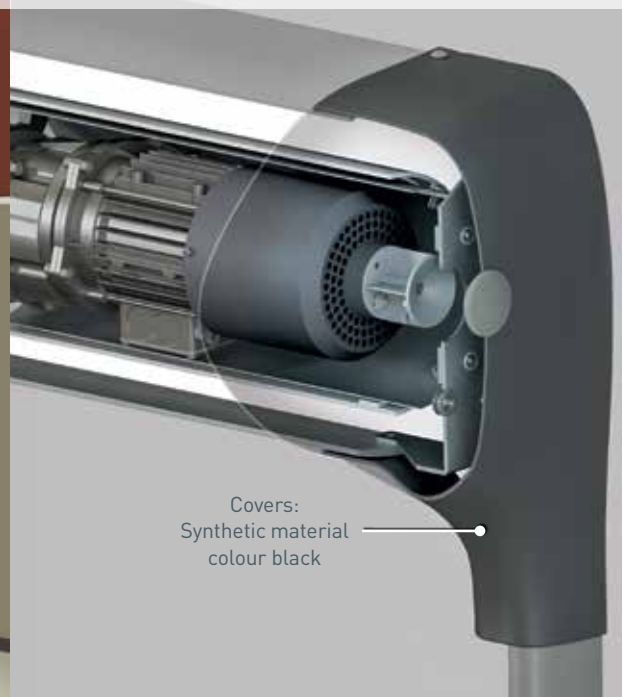
The smooth operation and the low maintenance requirements make it a perfect door for retail stores. An ingenious T-shaped cut in the middle of the curtain allows two symmetric "flaps" to release an emergency exit, simply by pushing on the indicated spot.

- **OPENING SPEED:**  
Up to 2 m/s
- **GOOD SEAL:**  
Patented side guides and «BEAD» technology allow energy savings.
- **MINIMAL SPACE, MODERN LOOK:**  
Motor installed inside the drum (DVDMP<sup>T</sup>).  
Very aesthetic design.
- **USER SAFETY:**  
Flexible curtain without rigid elements.  
Integrated emergency escape system.
- **COMFORT OF USE:**  
DYNACO wireless detector at the bottom.
- **ADVANCED DRIVE:**  
Frequency driven motor and encoder for smooth operation. Wearable elements are reduced to a minimum.
- **DYNALOGIC CONTROL BOX:**  
User-friendly control box with self-diagnosis.
- **CONFORM TO EN13241-1**

Opening by pushing at the emergency release spots



Incorporated Motor



Covers:  
Synthetic material  
colour black

# Gravity driven

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inside door

## EN13241-1 STANDARDS

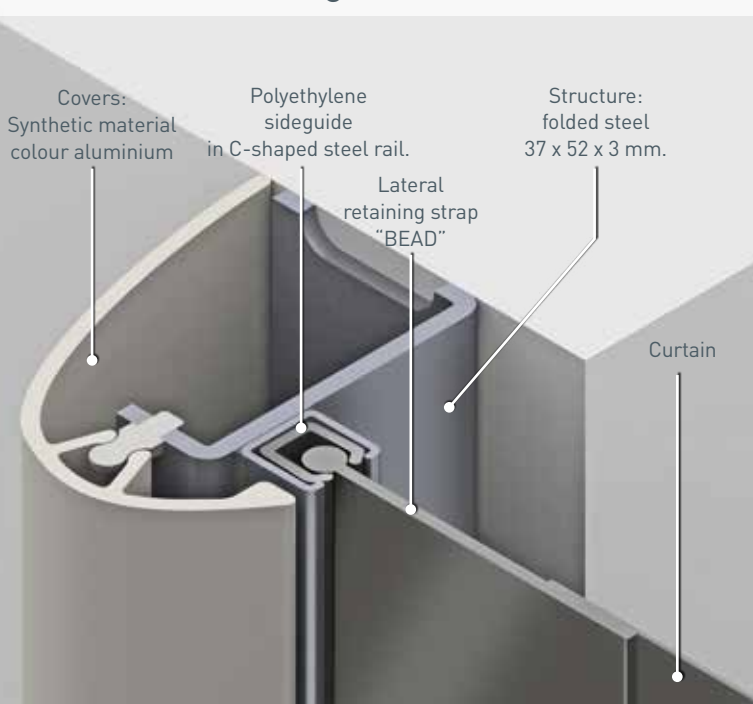
Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 1
Wind load	EN 12424	EN 12444	Class 1*
Wind permeability	EN 12426	EN 12427	Class 0
Safe openings	EN 12453	EN 12445	Pass
Mechanical resistance	EN 12604	EN 12605	Pass
Unintended movements	EN 12604	EN 12605	Pass
Thermal transmittance	EN 12428	EN 12428	6,02 W/m <sup>2</sup> K
Performance (cycles)	EN 12604	EN 12605	1.000.000

\* Interior applications only.

## CHARACTERISTICS

<b>Max. dimensions</b>	W 3.500 mm x H 3.500 mm																
<b>Min. dimensions</b>	W 900 mm x H 2.200 mm																
<b>Opening speed</b> <b>Closing speed</b>	up to 2,0 m/s 0,5 m/s																
<b>Structure</b>	Galvanised steel of 37 x 52 x 3 mm. Option: stainless steel.																
<b>Covers</b>	Synthetic material, colour aluminium + black. Full covers standard.																
<b>Drum</b>	PVC - Ø 200 x 3,9 mm.																
<b>Side guides</b>	Reinforced polyethylene (PE-UHMW1000)																
<b>Motor</b>	2 poles, with parking brake. Power 0,75 kW IP rating: IP 55																
<b>Control box</b>	DYNALOGIC provided with: Circuit breaker, general divider, adjustable timer, push button for opening and reset and emergency stop. IP rating: IP 54. Frequency inverter.																
<b>Standard detectors</b>	Infrared barrier: 300 mm from the floor. Wireless DYNACO detector (WDD). DBD: correct unwinding detector.																
<b>Power supply</b> <b>Frequency</b>	Single phase 230V - 16 A Frequency: 50-60 Hz																
<b>Advised operating temperature:</b>	+ 5°C up to +40°C																
<b>Available colours</b> comparable with:	<table border="0"> <tr> <td>Yellow RAL1003</td> <td></td> <td>Green RAL6005</td> <td></td> </tr> <tr> <td>Orange RAL2004</td> <td></td> <td>Grey RAL7035</td> <td></td> </tr> <tr> <td>Red RAL3000</td> <td></td> <td>White RAL9010</td> <td></td> </tr> <tr> <td>Blue RAL5002</td> <td></td> <td>Black RAL9005</td> <td></td> </tr> </table>	Yellow RAL1003		Green RAL6005		Orange RAL2004		Grey RAL7035		Red RAL3000		White RAL9010		Blue RAL5002		Black RAL9005	
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Orange RAL2004		Grey RAL7035															
Red RAL3000		White RAL9010															
Blue RAL5002		Black RAL9005															
(Actual colours may deviate. Colour samples available upon request)																	

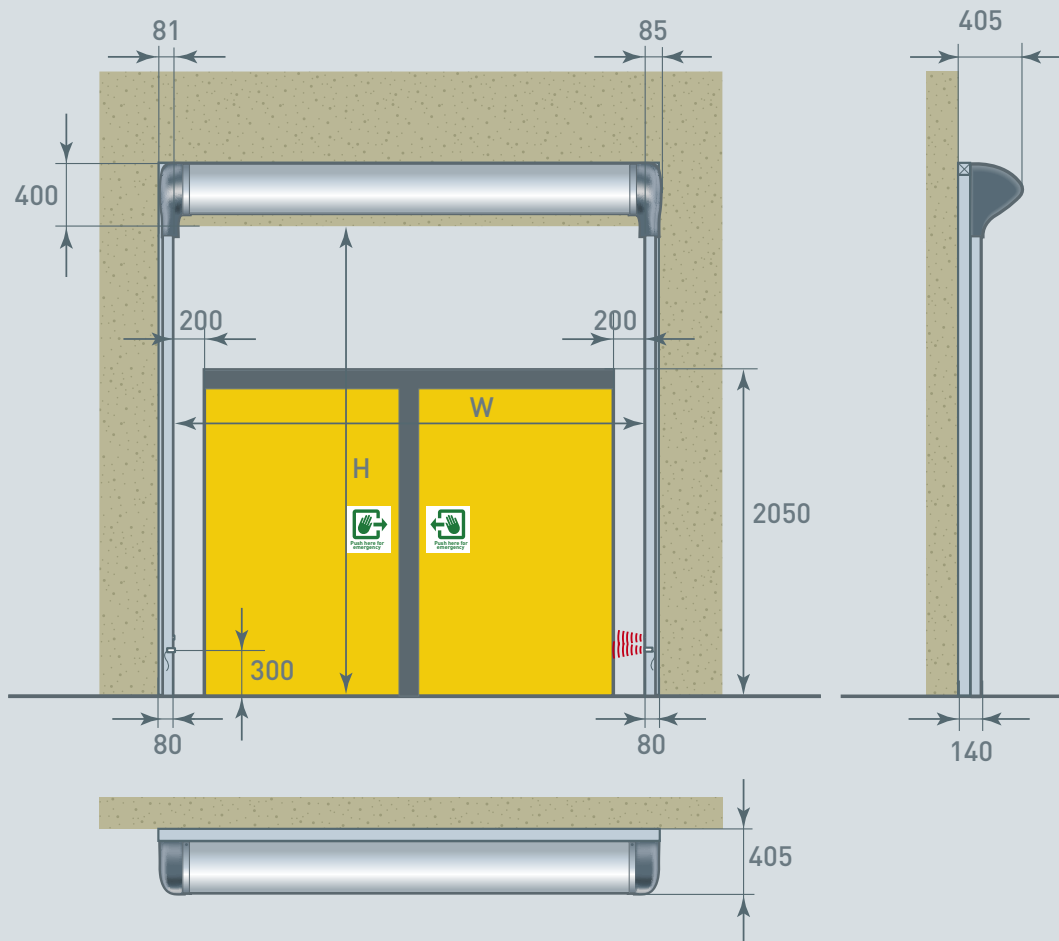
## Low friction side guides



## Reintroduction block<sup>PT</sup>



## Dimensions and installation requirements Dynaco D-313 Emergency



All indicated dimensions are based on exact width and height dimensions only.  
The space necessary for mounting and maintenance has to be provided.

REMARK: Based on the risk analysis of the environment, extra push buttons, detectors and covers might be required.



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### About Dynaco

Founded in 1987, the Dynaco brand has a strong heritage and a wealth of expertise in high performance doors. Dynaco is committed to achieving excellence in quality and performance through a certified and dedicated network of partners, providing outstanding service to customers worldwide. Furthermore we trust our USA division and our licensed partners in Russia, Japan, China, Vietnam and Brazil to deliver on our customer promises. Dynaco is part of Entrematic—the home to some of the world's most innovative and leading brands within the entrance automation industry. The comprehensive range of product brands includes Ditec, Normstahl and em/Entrematic.