



# D-313 Emergency LF

Inside door - Gravity driven - Low Friction Technology



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  
(DVDM<sup>PT</sup>).  
Very aesthetic design.

User safety:  
Flexible curtain without rigid  
elements. Wireless DYNACO  
Detector at the bottom for extra  
safety. Integrated emergency  
escape system.

Advanced drive:  
Frequency driven motor and  
encoder for smooth  
operation. Wearable  
elements are reduced to a mini-  
mum.

Dynalogic control box:  
User-friendly control box with  
self-diagnosis

Conform to EN13241-1



Opening by pushing at the emergency release spot

Emergency exit open

DYNACO's 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 the indicated spot.



# D-313 Emergency LF

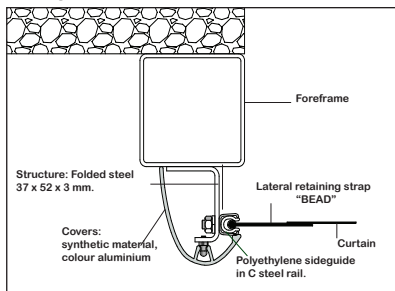
## EN13241-1 STANDARDS

Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 2
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 resistance	EN 12428	EN 12428	6,02 W/m <sup>2</sup> K
Performance (cycles):	EN 12604	EN 12605	NPD

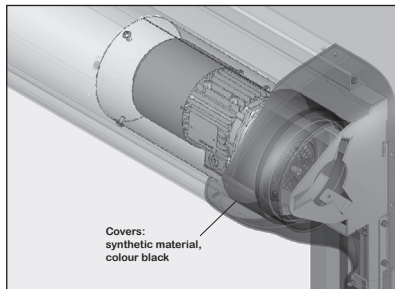
## CHARACTERISTICS

Max. dimensions	W: 3.500 mm x H: 3.500 mm	
Opening speed	2,0 m/s	
Closing speed	0,5 m/s	
Structure	Galvanised steel of 37 x 52 x 3 mm. Option: stainless steel.	
Covers	Synthetic material, colour aluminium + black.	
Drum	PVC - Ø 200 x 3,9 mm.	
Side guides	Reinforced polyethylene (PE-UHMW 1000).	
Motor	2-poles, with parking brake Power 0,75 kW. IP rating: IP 55	
Control box	DYNALOGIC provided with: circuit breaker, general divider, adjustable timer, push button for opening and reset and emergency stop. IP rating: IP54. Frequency inverter.	
Standard detectors	Infrared barrier: +/- 300 mm from the floor. Wireless DYNACO detector (WDD)	
Power supply	Single phase 230V - 18 A.	
Frequency	Frequency: 50-60 Hz	
Advised operating temperature	+5°C up to +40°C	
Available colours	Yellow RAL1003 Orange RAL2004 Red RAL3000 Blue RAL5002	Green RAL6005 Grey RAL7035 White RAL9010 Black RAL9005

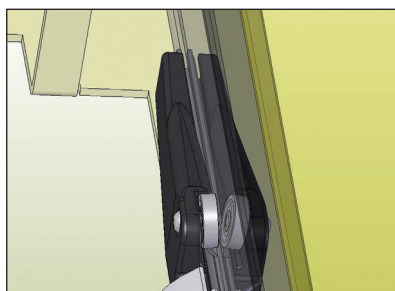
### Sideguide View



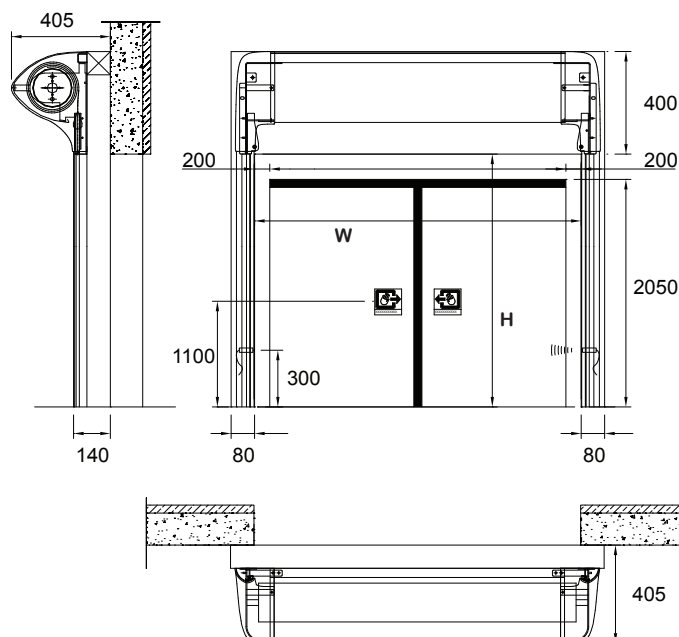
### Motor incorporated in the drum - DVDM<sup>PT</sup>



### Reintroduction block above the side guides - Low Friction Technology



### Measures 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



PS - V.2.3 - 27/10/2011

**DYNACO. THE SAFEST CHOICE**