



D-313 LF

Inside door - Gravity driven - Low Friction Technology



Opening speed:
Up to 2,7 m/s

Superior seal:
Patented side guides and the «BEAD» technology allow energy savings.

Minimal space, modern look:
Motor installed inside the drum (DVDM^{PT}).
Very aesthetic design.

Crash forgiving and self-reinserting without intervention
The curtain automatically reinserts itself when dislodged.
No repair costs, no production down time.

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

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



The DYNACO D-313 LF is designed for inside applications where seal, aesthetics and required space are crucial. With its modern design, the DYNACO D-313 LF is the slimmest high speed door in the market. It protects your environment against drafts, humidity, dust and dirt.

Operating speed and superior sealing properties improve your traffic flows and provide employee comfort, environmental control and savings on energy costs. The patented «LF» (Low Friction) technology, combined with a frequency inverter driven motor, assures a smooth operation.



DYNACO
HIGH PERFORMANCE DOORS

DYNACO Europe

Waverstraat 21

B-9310 Moorsel-Aalst

Tel +32 53 72 98 90

Fax +32 53 72 98 50

www.dynaco.eu

www.dynacodoor.com

DYNACO. THE SAFEST CHOICE

D-313 LF

EN13241-1 STANDARDS

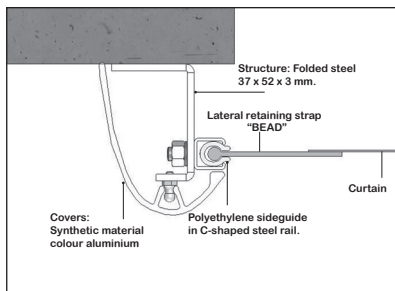
Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 3
Wind load	EN 12424	EN 12444	Class 2*
Wind permeability	EN 12426	EN 12427	Class 2
Safe openings	EN 12453	EN 12445	Pass
Mechanical resistance	EN 12604	EN 12605	Pass
Unintended movements	EN 12604	EN 12605	Pass
Thermal resistance	EN 12428	EN 12428	6,02 W/m ² K
Performance (cycles):	EN 12604	EN 12605	1.000.000

* The indicated class for wind resistance applies for maximum dimensions.
For doors up to W 2.500mm x H 3.500mm: Class 3

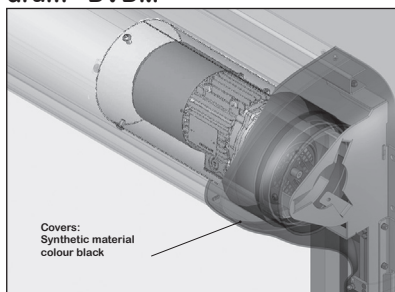
CHARACTERISTICS

Max. dimensions	W: 3.500 mm x H: 3.500 mm
Opening speed Closing speed	Up to 2,7 m/s 0,5 m/s
Structure	Galvanised steel of 37 x 52 x 3 mm. Option: stainless steel. Synthetic material, colour aluminium + black.
Covers	
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 Frequency	Single phase 230V - 18 A. Frequency: 50-60 Hz
Advised operating temperature:	+5°C up to +40°C
Available colours	Yellow RAL1003 Green RAL6005 Orange RAL2004 Grey RAL7035 Red RAL3000 White RAL9010 Blue RAL5002 Black RAL9005

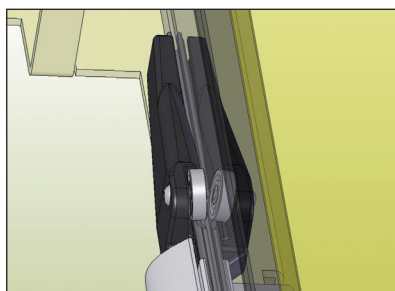
Sideguide View



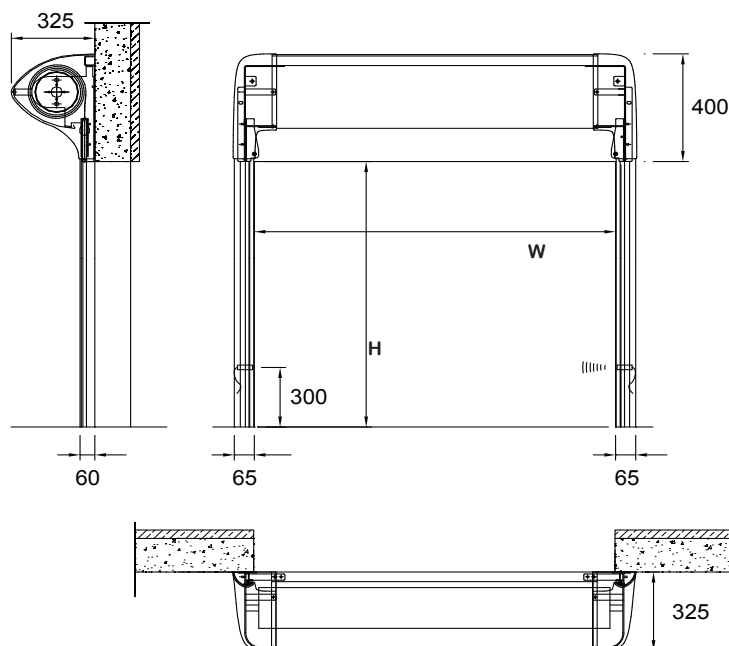
Motor incorporated in the drum - DVDM^{PT}



Reintroduction block above the side guides - Low Friction^{PT} Technology



Measures D-313 LF



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.2.2 - 27/10/2011

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DYNACO Europe Waverstraat 21 B-9310 Moorsel-Aalst Tel. +32 53 72 98 98 Fax. +32 53 72 98 50 info@dynaco.eu www.dynaco.eu