



DYNACO D-313

**Gravity
driven**

low friction technology



inside door

DYNACO D-313

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.

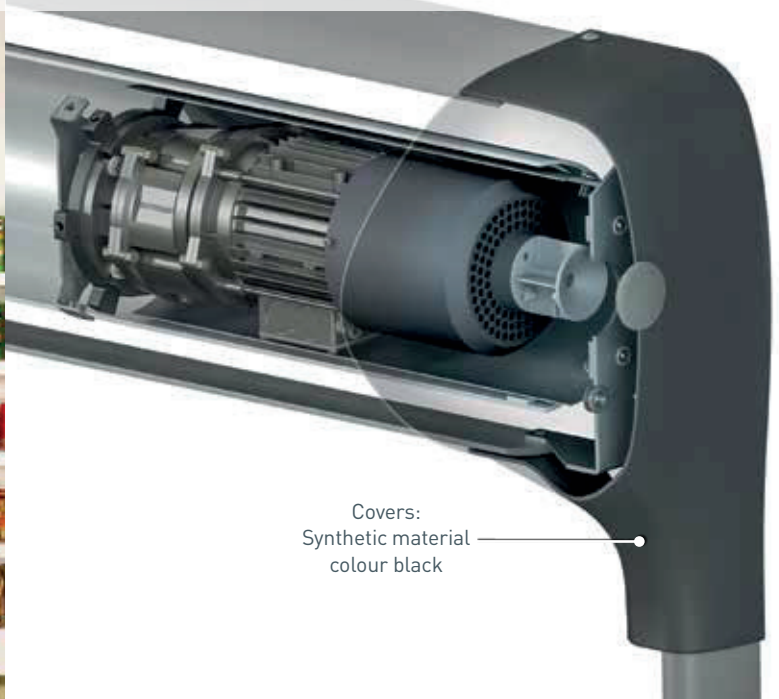
The patented «LF» (Low Friction) technology, combined with a frequency inverter driven motor, assures a smooth operation.

- **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.
- **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**

Printable curtain



Motor incorporated in the drum - DVDM^{PT}



Covers:
Synthetic material
colour black

Gravity driven

low friction technology

inside door



EN13241-1 STANDARDS

Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 3
Wind load	EN 12424	EN 12444	Class 1*
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 transmittance	EN 12428	EN 12428	6,02 W/m²K
Performance (cycles)	EN 12604	EN 12605	1.000.000

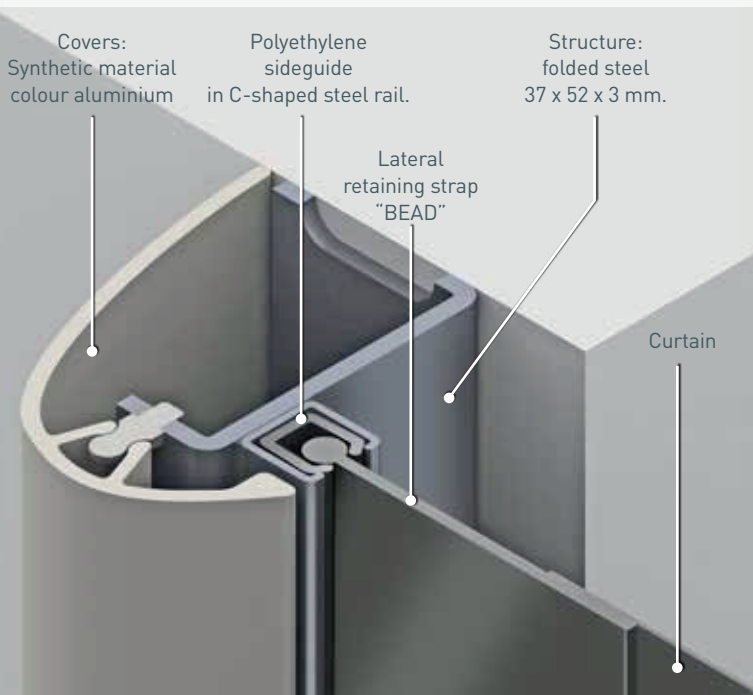
* Interior application only.

** Valid for a door of 3500 x 3500mm

CHARACTERISTICS

Max. dimensions	W 4.000 mm x H 4.000 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.
Covers	Synthetic material, colour aluminium + black. Full covers standard.
Drum	PVC- Ø 200 x 3,9 mm.
Side guides	Reinforced polyethylene (PE-UHMW1000)
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: IP 54. Frequency inverter.
Standard detectors	Infrared barrier: 300 mm from the floor. Wireless DYNACO detector (WDD). DBD: correct unwinding detector.
Power supply Frequency	Single phase 230V - 16 A Frequency: 50-60 Hz
Advised operating temperature:	+ 5°C up to +40°C
Available colours comparable with:	Yellow RAL1003 Orange RAL2004 Red RAL3000 Blue RAL5002 Green RAL6005 Grey RAL7035 White RAL9010 Black RAL9005
(Actual colours may deviate. Colour samples available upon request)	

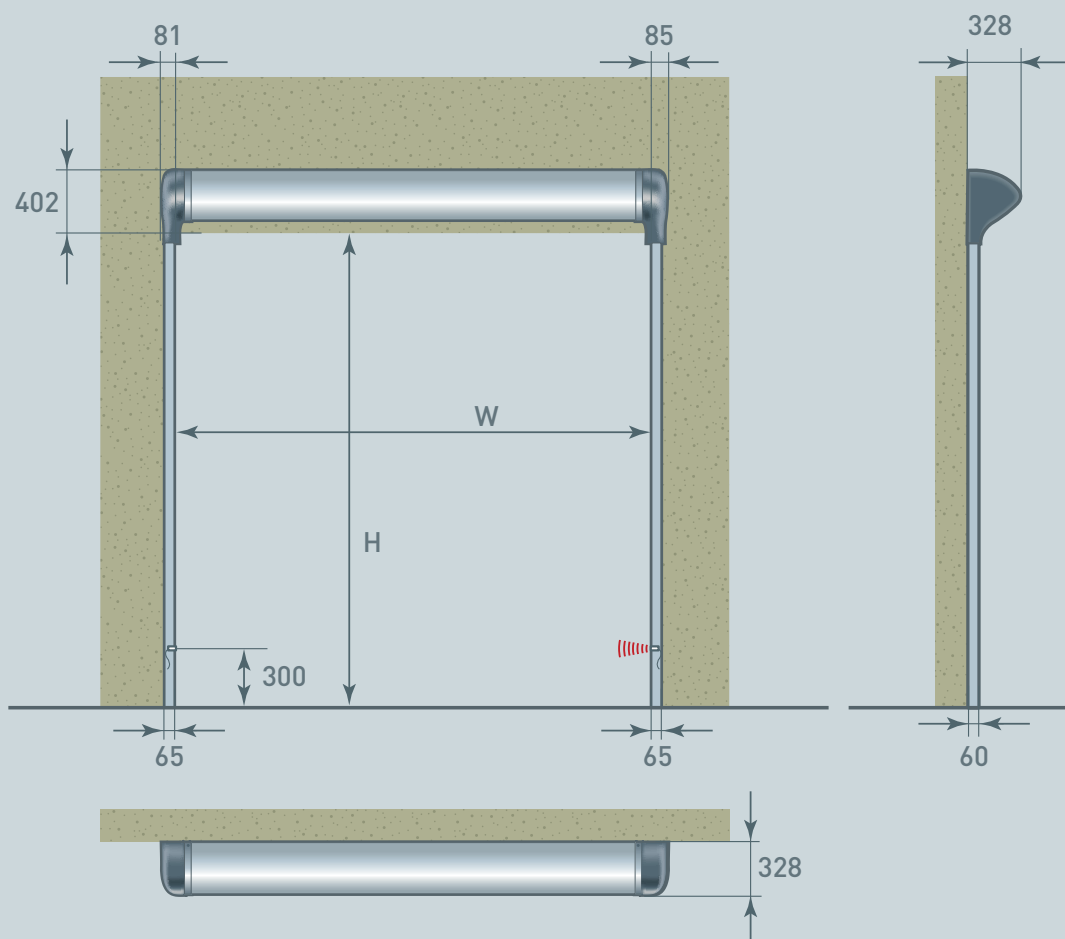
Low friction side guides



Reintroduction block ^{PT}



Dimensions and installation requirements Dynaco D-313



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.



SYSTON ROLLING SHUTTERS LTD. trading as

SYSTON DOORS

ESTABLISHED 1920

1499 Melton Road | Queniborough | Leicester LE7 3FP

T (0116) 260 8841 | E sales@syston.com | www.syston.com

SUPPLYING AND INSTALLING **DYNACO** DOORS SINCE 1990
WE ALSO SERVICE & REPAIR EXISTING **DYNACO** DOORS