

D-311 LF

Inside door - Gravity driven
Low Friction Technology

EN13241-1 STANDARDS

Standard	Ref	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 2
Wind load	EN 12424	EN 12444	Class 2*
Wind permeability	EN 12426	EN 12427	Class 1
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 2.000mm x H 3.500mm: Class 3

Characteristics

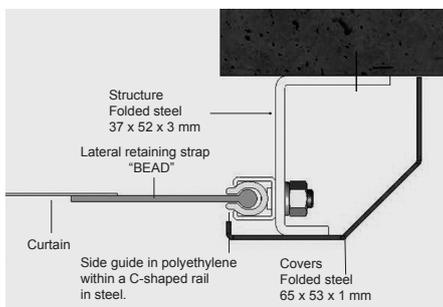
Max. dimensions	W: 4.000 mm x H: 4.000 mm
Opening speed	up to 1,2 m/sec
Closing speed	0,5 m/sec
Structure	Folded steel 37 x 52 x 3 mm, Galvanised before cutting and folding Option: stainless steel
Drum	Steel - Ø 102 x 2 mm
Side guides	Reinforced Polyethylene (PE-HD)
Motor	2 poles, without brake – power supply 0,75kW Frequency inverter tension: 3 x 220-240V Protection degree: IP 65

Control box	DYNALOGIC provided with: Circuit breaker, general divider, Adjustable timer, Push button for opening and reset and emergency stop Protection degree: IP54
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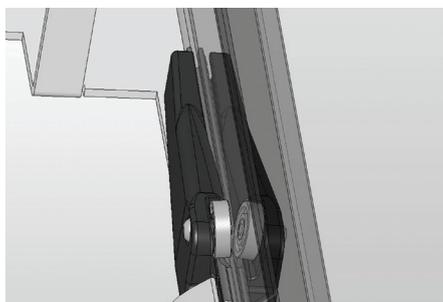
Standard detectors	Infrared barrier: 300 mm from the floor Wireless detection system
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Power supply - frequency	Single phase 230V - 16 A. - frequency: 50-60 Hz
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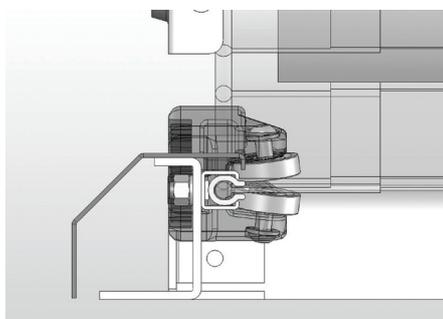
Available colours	Yellow Orange Red Blue Green Grey White Black RAL 1003 RAL 2004 RAL 3000 RAL 5002 RAL 6005 RAL 7035 RAL 9010 RAL 9005
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Side Guide

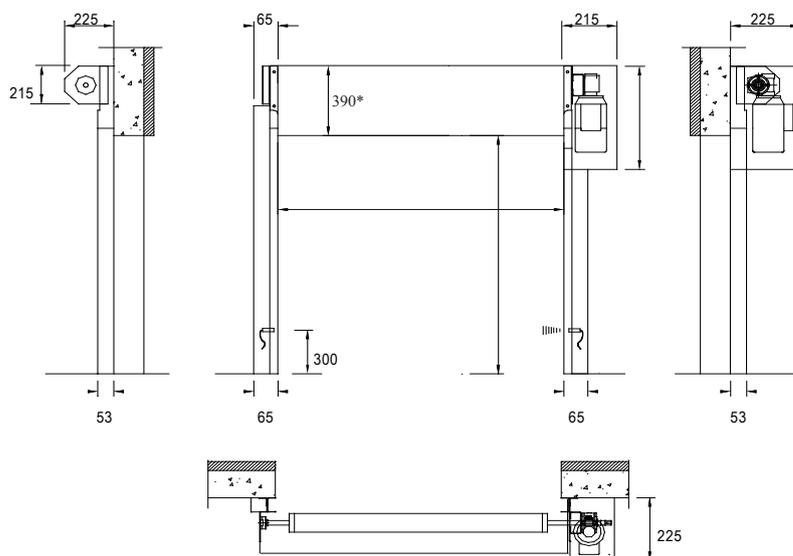


Reintroduction block ^{PT} "Low Friction" technology



Reintroduction block ^{PT} "Low Friction" technology
seen from above

Measures D-311 LF



* Option reduced lintel: 340

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



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D-311 LF

Inside door - Gravity driven
Low Friction Technology



The DYNACO D-311 LF (Low Friction) is designed for internal applications. It offers a perfect seal provided by the patented "BEAD" technology. The DYNACO D-311 LF requires little space and protects your environment against drafts, humidity, dust and dirt. Our door operation speed combined with its sealing properties improves your traffic flows, provides employee comfort, environmental control and energy savings. The patented « LF » technology, combined with a frequency inverter driven motor, assures a smooth operation.

Opening speed:

Opening speed up to 1,2 m/s.

Perfect seal:

The patented side guides and « BEAD » technologies provide a perfect seal and allow energy savings

Crash forgiving and 100% selfrepairing without intervention

The curtain reintroduces itself automatically after a crash which reduces maintenance and production down time

User safety:

The absence of stiffeners combined with a flexible curtain that moulds itself protects users.

The curtain is provided with the "WDD" technology, the Wireless DYNACO Detector at the bottom of the door

Advanced drive:

Smooth operation and reliability provided by a motor without brake and driven by a frequency inverter and an encoder. Wearable elements are reduced to a minimum.

Dynalogic control box:

Control box with self-diagnosis is user friendly

Conform to EN13241-1



DYNACO. THE SAFEST CHOICE