



D-311 Cleanroom LF

Inside door - Gravity driven - Low Friction Technology



Opening speed:
Up to 1,2 m/s.

Perfect seal:
Patented side guides and «BEAD» technology limit leak flow and allow energy savings.

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 and reliability. Wearing elements are reduced to a minimum.

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

Conform to EN13241-1



The DYNACO D-311-Cleanroom LF is designed for inside applications requiring a limitation of leak flow and is ideal for interlocks. Its perfect sealing properties provide environmental control and protect your environment against drafts, dust and dirt. The patented «LF» (Low Friction) technology, combined with a frequency inverter driven motor, assures a smooth and silent operation for more user comfort.



D-311 Cleanroom LF

EN13241-1 STANDARDS

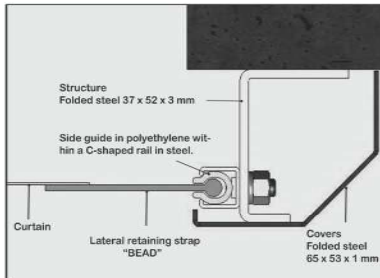
Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 2
Wind load	EN 12424	EN 12444	Class 1*
Wind permeability	EN 12426	EN 12427	3 (overpressure)** 1 (underpressure)
Safe openings	EN 12453	EN 12445	Pass
Mechanical resistance	EN 12604	EN 12605	Pass
Unintended movements	EN 12604	EN 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 4.000mm: Class 2

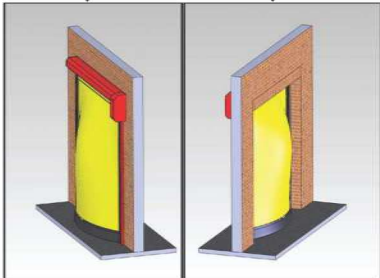
CHARACTERISTICS

Max. dimensions	W: 4.000 mm x H: 4.000 mm
Opening speed	up to 1,2 m/s
Closing speed	0,5 m/s
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-UHMW 1000)
Motor	2 poles, without brake – power 0,75kW IP rating: IP 65.
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 - 14 A
Frequency	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

Side Guide



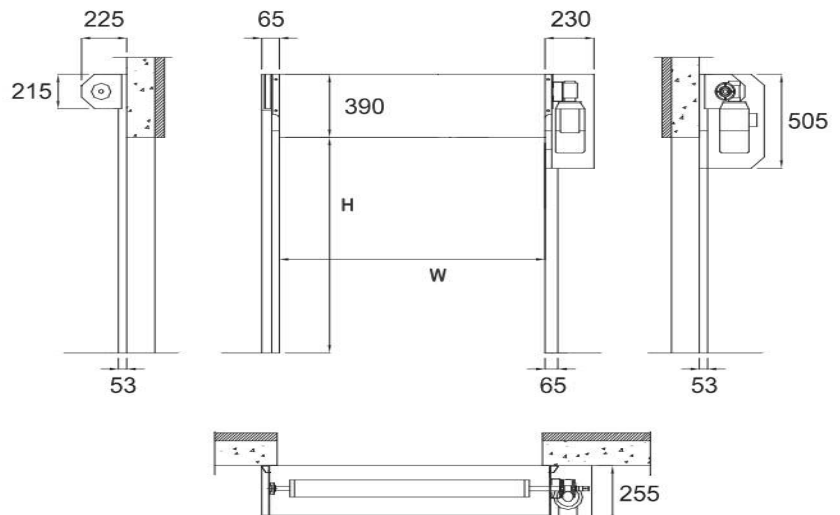
** Overpressure - underpressure



Improved sealing



Measures D-311-Cleanroom LF



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

