



DYNACO
High Performance Doors

D-311 D-313 CL4 CLEAN ROOM



inside door



D-313 CL4 setting the standard: ISO 4
Fraunhofer Certified!



valid until: October 2, 2030

Fraunhofer

**TESTED
DEVICE**

DYNACO EUROPE NV
Dynaco D-313 CL4
Report No. DY 2508-1659

www.dynacodoor.com

D-311 - D-313 CL4 CLEAN ROOM

Sealing parts



Dynaco was founded in 1987, dedicated to finding a solution for any damages caused by - and to - high-speed roll-up doors. Inspired by flexible pool covers, Dynaco designed the first ever flexible, self-repairing door, known as the Dynaco Classic.

Later, another innovation followed: Dynaco's revolutionary Push-Pull technology, marketed as the "magic" door. Thanks to this continuous innovative approach and passion, Dynaco is known for producing "the most copied door in the world".

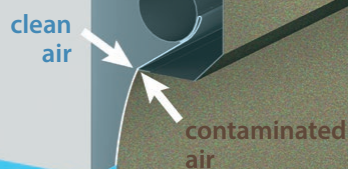
The company distributes doors through a network of professionals only, active in 5 continents.

With its most extensive product range in the industry, Dynaco stays always AHEAD. And always operates with the end-user in mind.

Dynaco offers 2 different solutions for clean rooms: D-313 CL4 Clean Room and D-311 Clean Room LF. Both specifically designed for inside applications that require minimal leak flow.

Improved seal

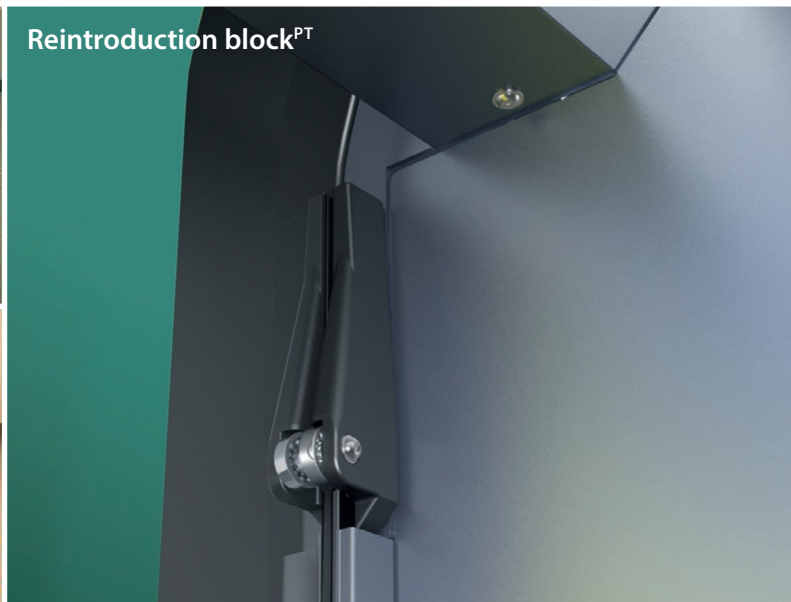
D-311 CL



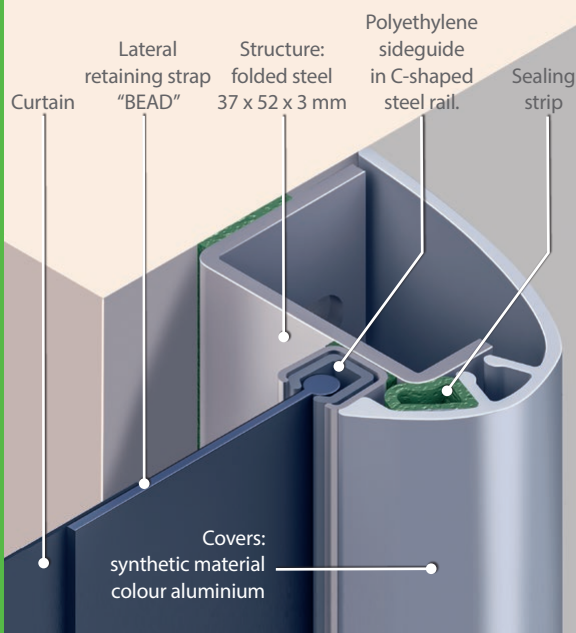
D-313 CL4



Reintroduction block^{PT}



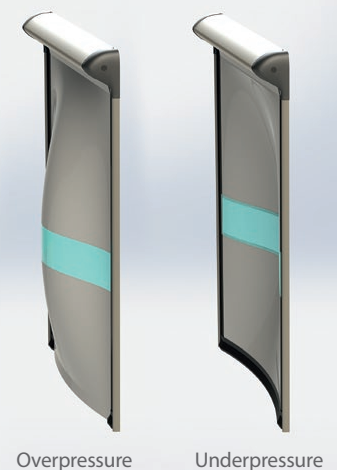
Low friction side guides



Pressure resistant



** Overpressure-underpressure



DYNACO D-313 CL4 – Certified ISO 4 by Fraunhofer

The D-313 CL4 sets a new standard in cleanroom technology. It is the first and only high-speed door **certified by Fraunhofer for use in cleanrooms up to ISO 14644-1 Class 4**. This certification confirms that the door meets stringent requirements for controlled environments, making it ideal for industries such as pharmaceuticals, biotech, and microelectronics. Its slim design with an integrated motor and ultra-thin side columns ensures easy installation in areas where space is limited, without compromising on reliability or performance. Perfect sealing properties help protect your cleanroom against drafts, dust, and dirt.

Key Features:

- Certified for use in cleanrooms up to ISO 14644-1 Class 4 (Fraunhofer tested)
- Space-saving design with built-in motor and narrow side columns
- Excellent sealing for controlled environments

DYNACO D-311 Cleanroom LF – For Less Demanding Applications

When ISO Class 4 is not required, the D-311 Cleanroom LF offers a reliable solution for less critical cleanroom zones. Ideal for interlocks and areas with moderate air permeability needs, it combines Dynaco's patented LF (Low Friction) technology with inverter-driven motors for smooth, silent operation.

Key Features:

- Designed for less demanding cleanroom environments
- Perfect for interlocks and controlled zones
- LF technology for durability and quiet performance

Why this is the right door for your business?



Minimal air leakage

Their durable, tight seal keeps pressure at the level required, leading to limited air consumption over the years and significant energy savings.



Contamination-barrier

Their minimal cycle time, advanced multi-interlocking facilities and airlock layout help Dynaco doors reduce air transfer and potential consequent contamination of valuable goods inside clean rooms.



Extremely safe

At Dynaco we never compromise on safety. All doors operate according to the highest safety standards, thanks to their soft bottom edge and our self-testing safety devices.



Silent operations

Both patented BEAD side guides and our Low Friction (LF) system allow for operations that have a minimal noise level, unsurpassed in the industry.



Space-efficient

Unlike sliding alternatives, Dynaco doors require very little installation space. All space is used optimally, it is even possible to install side guides within the door opening and hide its header above the ceiling.



Easy to clean

Dynaco door curtains have a smooth surface, free of irregularities. They contain neither bars nor other components that may accumulate dirt and have a stainless steel structure. A combination which makes them very easy to clean.



Uninterrupted workflow

Our high-performance doors are designed to guarantee continuous operation, no matter the traffic conditions.



Environment control

Dynaco doors not only open but also close fast. Their opening time is minimal to avoid temperature fluctuations that may affect product quality.

Why Dynaco?



Automatic self-reinsertion

At Dynaco we invented the crash-forgiving, self-reinserting door. The one and only original. Its curtain automatically reinserts when dislodged, without intervention. This means: no repair costs, nor costly production downtime.



Patented BEAD side guides

Our patented BEAD side guides deliver the highest sealing properties, the best way to maintain environmental conditions and reduce energy costs. The Low Friction (LF) system allows not only for smooth and silent operation, but also increased safety, thanks to the absence of weight in the soft-bottom edge on every door.



Frequency converter

Dynaco doors operate with the most advanced drive unit in the industry. The combination of a frequency-driven motor and encoder offer smooth operation and reliability. Any wearable elements are reduced to a minimum.



Dynalogic control box

All doors can be fitted with a touch-screen control unit: our Dynalogic 5 control box. The most user-friendly, self-diagnostic option, which allows for remote control management. It increases efficiency and helps you monitor any door's status. At any time, from any desk.



Sleek, attractive design

Our doors' compact, sleek and minimalist design fits perfectly in any type of building architecture.



Certified performance

Performance of all Dynaco doors has been tested and certified by a third-party notified body.



Dynaco offers a wide range of products for several industrial applications.
Find out more on www.dynacodoor.com.

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Always ahead



DYNACO
High Performance Doors

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About Dynaco

Dynaco is the world leader in high speed door technology. It offers state of the art solutions for both commercial and industrial applications, including sectional overhead doors.

Founded in 1987, Dynaco has acquired an extensive expertise in high performance doors. Yet it continues to invest in order to exceed your expectations of quality and performance. A network of certified and dedicated partners ensures an optimal service to customers all over Europe.

Dynaco is part of the ASSA ABLOY Group, the world leader in access solutions. Every day, we help billions of people experience a more open world.