



ENTRE/MATIC
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DYNACO D-501 COMPACT

Push-Pull
gear driven technology



inside door

www.dynacodoor.com



DYNACO D-501 COMPACT

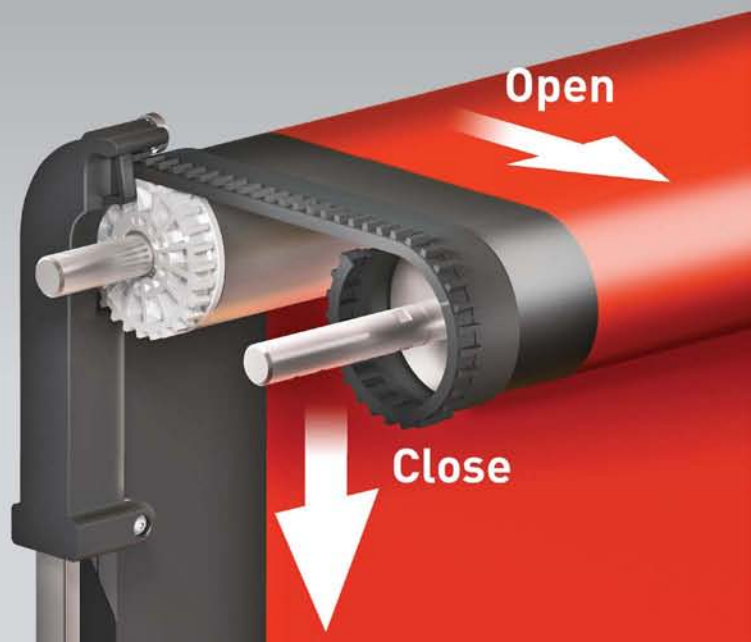
The DYNACO D-501 COMPACT is specifically designed for medium sized inside applications with intensive use. The improved "Push Pull" belt and reintroduction system increase reliability and comfort of use. The DYNACO D-501 Compact operates fast, smoothly and silently. It protects your environment against drafts, humidity, dust and dirt. Operating speed and perfect sealing properties improve your traffic flows and provide environmental control and savings on energy costs.

- **PATENTED "PUSH PULL" TECHNOLOGY:**
Unique door drive system with increased longevity.
- **CRASH FORGIVING AND SELF-REINSERTING WITHOUT INTERVENTION:**
The curtain automatically reinserts itself when dislodged. No repair costs, no production downtime.
- **HIGH SPEED OPERATION:**
Up to 2,4 m/s depending on the size.
Closing speed 1,2 m/s.
- **SUPERIOR SEAL:**
Patented side frame assembly.
Neither blade nor brush systems required.
- **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. Wearing elements are reduced to a minimum.
- **DYNALOGIC CONTROL BOX:**
User-friendly control box with self-diagnosis.
- **CONFORM TO EN13241-1**

Easy to clean



New "PUSH-PULL^{PT}" Drive Technology





EN13241-1 STANDARDS

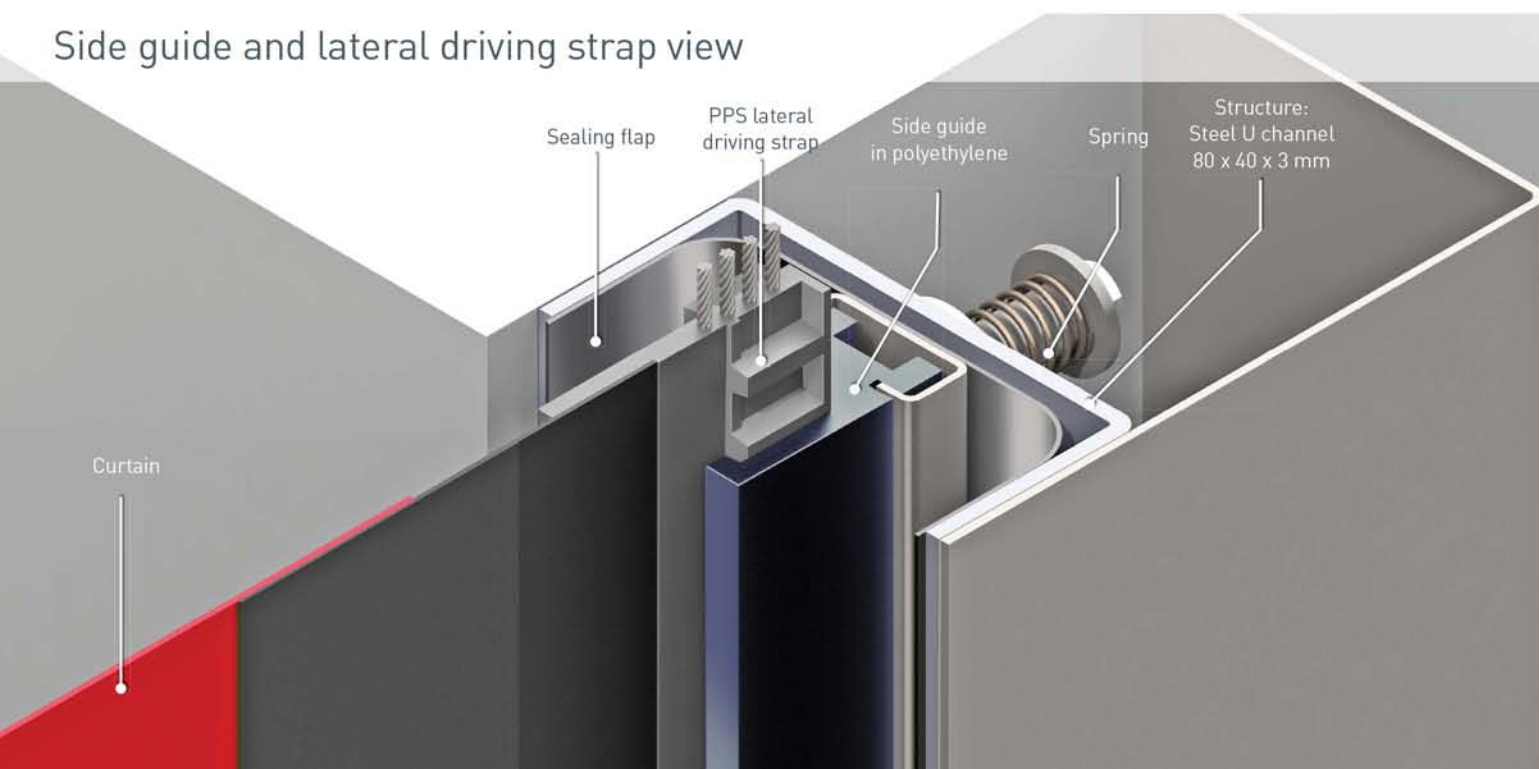
Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 2
Wind load	EN 12424	EN 12444	Class 1*
Wind permeability	EN 12426	EN 12427	Class 1
Safe openings	EN 12453	EN 12445	Pass
Mechanical resistance	EN 12604	EN 12605	Pass
Unintended movements	EN 12604	EN 12605	Pass
Thermal resistance	EN 12428	EN 12428	6,02 W/m ² K
Performance (cycles)	EN 12604	EN 12605	1.000.000

* Interior applications only

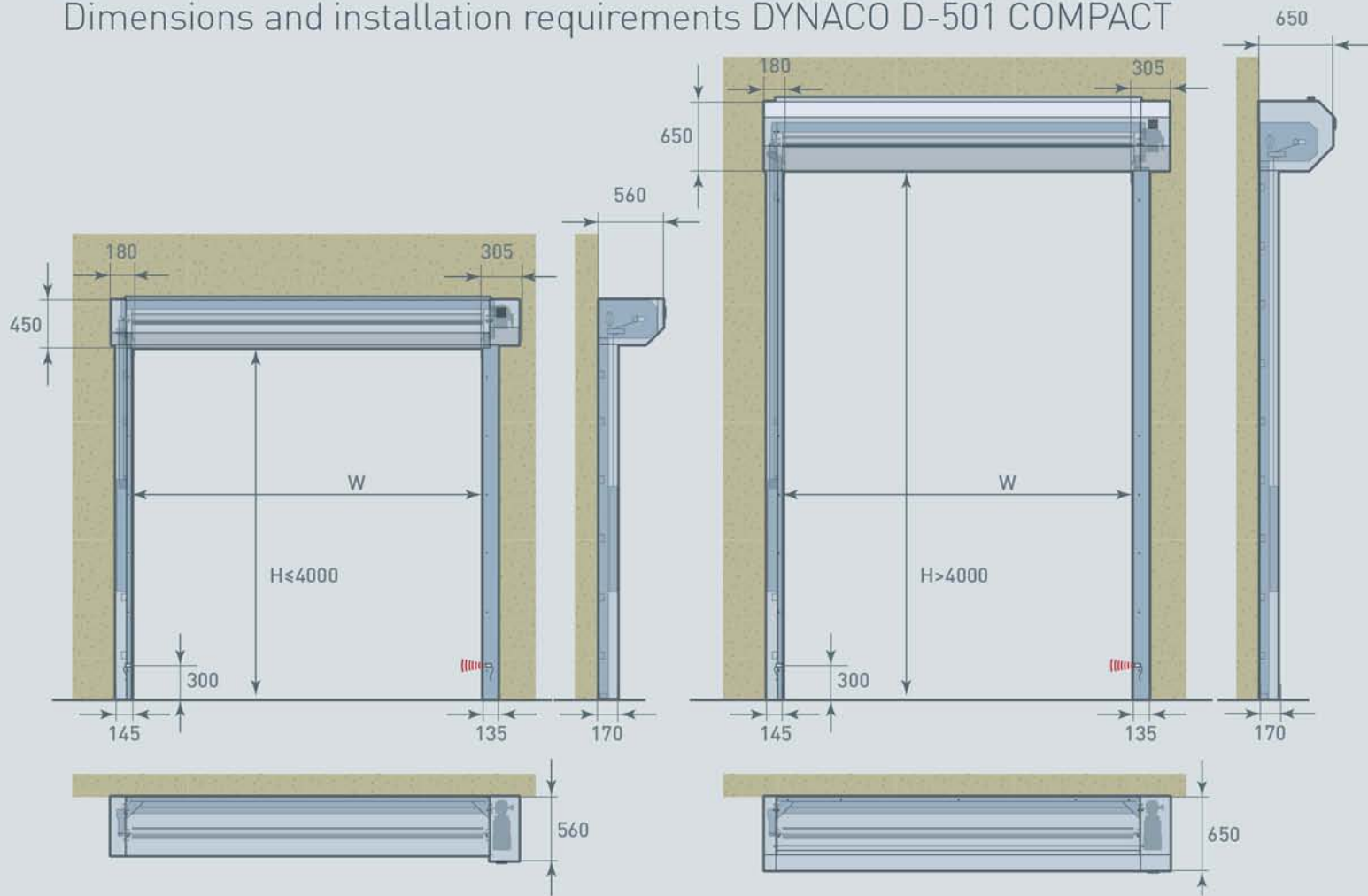
CHARACTERISTICS

Max. dimensions	W 5.500 mm x H 5.500 mm
Opening speed Closing speed	Up to 2,4 m/s 1,2 m/s
Structure	Galvanised steel: 80 x 40 x 3 mm. Option: stainless steel.
Drum	Steel - Ø 102 x 2 mm.
Side guides	Reinforced polyethylene (PE-UHMW1000), with springs
Motor	4 poles, without brake-power: 0,75 kW or 1,5 kW (depending on size and opening speed). IP rating: IP65.
Control box	DYNALOGIC provided with: Circuit breaker, general divider, adjustable timer, push button for opening and reset, emergency stop and frequency inverter. IP rating: IP54
Standard detectors	Infrared barrier: 300 mm from the floor. Wireless DYNACO detector (WDD).
Power supply	Single phase 230V 0,75 kW = 14 A / 1,5 kW = 18 A
Frequency	Frequency: 50-60 Hz
Available colours comparable with:	<div> <div>Yellow RAL1003</div> <div>Orange RAL2004</div> <div>Red RAL3000</div> <div>Blue RAL5002</div> </div> <div> <div>Green RAL6005</div> <div>Grey RAL7035</div> <div>White RAL9010</div> <div>Black RAL9005</div> </div>
(Actual colours may deviate. Colour samples available upon request)	

Side guide and lateral driving strap view



Dimensions and installation requirements DYNACO D-501 COMPACT



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.

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The DYNACO Entrematic products are protected by worldwide registered patents. As part of its policy of continuous product development, DYNACO Entrematic reserves the right to change the characteristics of its products or components without prior notice.

Disclaimers:

For a correct use of our products, please refer to our manual.

Everything that is mentioned in this brochure is only valid under the terms of use in the user manual and on condition that the door was properly installed and maintained and has not undergone abuse nor neglect.

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