



ENTRE/MATIC



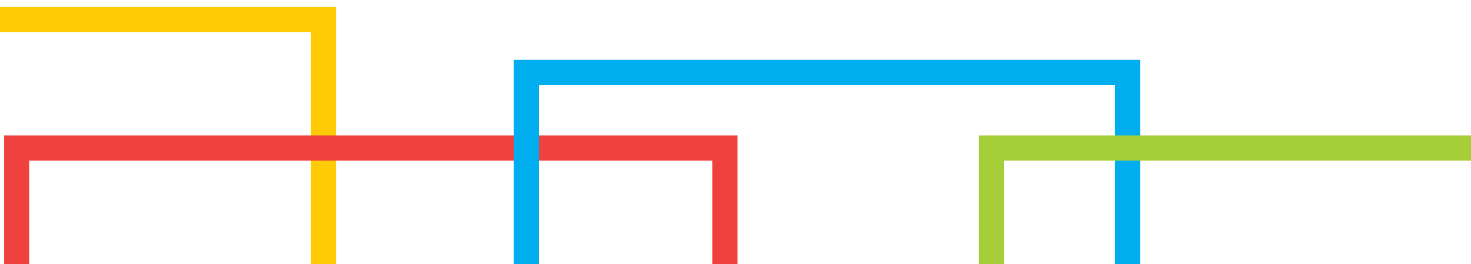
DYNACO D-631 COMPACT

Push-Pull
gear driven technology



inside door

www.dynacodoor.com



DYNACO D-631 COMPACT

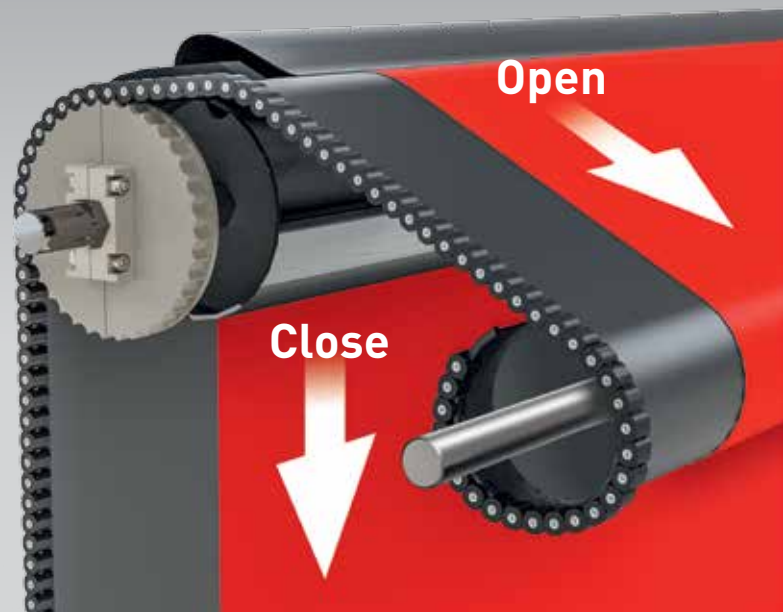
The Dynaco D-631 Compact is specifically designed for medium sized inside applications with intensive use. It protects your environment against drafts, humidity, dust and dirt. Ultra high operating speed and perfect sealing properties improve your traffic flows and provide employee comfort, environmental control and savings on energy costs. The absence of rigid elements in the curtain and its soft bottom edge make the Dynaco D-631 Compact intrinsically safe. Special features for easy installation and maintenance reduce the cost of ownership, while the small build-in dimensions allow maximum use of the available space. The special design of the driving system and reintroduction block reduce operating noise, increasing comfort of use.

- **ULTRA HIGH SPEED OPERATION:**
Up to 3,6 m/s depending on the size.
Closing speed 1,2 m/s.
- **“PUSH PULL” TECHNOLOGY:**
Unique door drive system.
- **SUPERIOR SEAL:**
Patented side frame assembly. Neither blade nor brush systems required.
- **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**

Easy maintenance



“PUSH-PULL^{PT}” Drive Technology



Push-Pull

gear driven technology



























inside door

EN13241-1 STANDARDS			
Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 1
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 transmittance	EN 12428	EN 12428	6,02 W/m ² K
Performance (cycles)	EN 12604	EN 12605	2.000.000

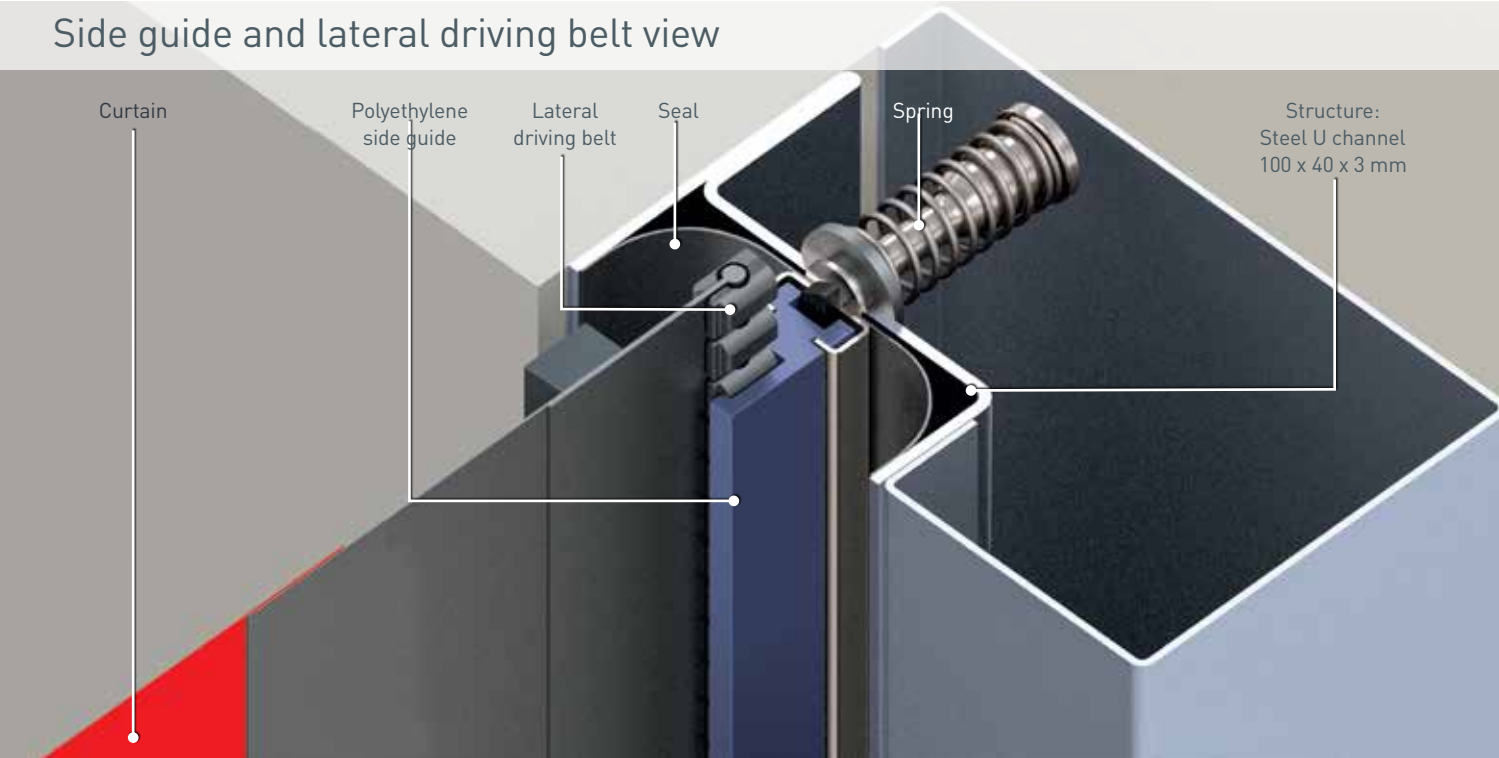
* Interior applications only

** Valid for a door of 3500 x 3500mm

CHARACTERISTICS

Max. dimensions	W 5.500 mm x H 5.500 mm																
Opening speed Closing speed	Up to 3,6 m/s 1,2 m/s																
Structure	Galvanised steel: 100 x 40 x 3 mm - Option: stainless steel																
Drum	Steel 1 drum Ø 140 x 3 mm + 1 drum Ø 102 x 2 mm																
Side guides	Reinforced polyethylene (PE-UHMW1000), on springs.																
Motor	4 poles, without brake. Power: 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 and emergency stop. IP rating: IP54. Frequency inverter.																
Standard detectors	Infrared barrier: 300 mm from the floor. Wireless DYNACO detector (WDD).																
Power supply Frequency	Single phase 230V. 1,5 kW = 18 A Frequency: 50-60 Hz																
Advised operating temperature	-15°C up to +50°C (not for freezer applications)																
Available colours comparable with:	<table border="0"> <tr> <td>Yellow RAL1003</td> <td></td> <td>Green RAL6005</td> <td></td> </tr> <tr> <td>Orange RAL2004</td> <td></td> <td>Grey RAL7035</td> <td></td> </tr> <tr> <td>Red RAL3000</td> <td></td> <td>White RAL9010</td> <td></td> </tr> <tr> <td>Blue RAL5002</td> <td></td> <td>Black RAL9005</td> <td></td> </tr> </table>	Yellow RAL1003		Green RAL6005		Orange RAL2004		Grey RAL7035		Red RAL3000		White RAL9010		Blue RAL5002		Black RAL9005	
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Orange RAL2004		Grey RAL7035															
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[Actual colours may deviate. Colour samples available upon request]																	

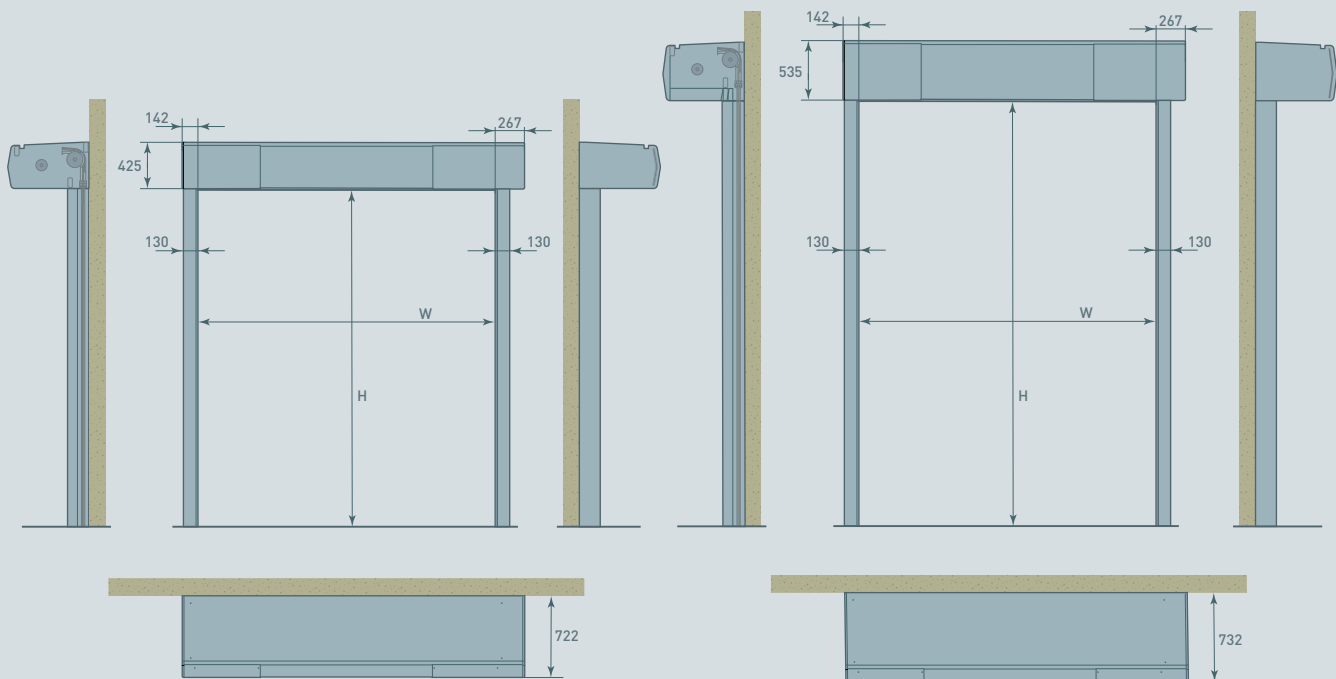
Side guide and lateral driving belt view



Dimensions and installation requirements Dynaco D-631 Compact

$H \leq 4000 \text{ mm}$

$H > 4000 \text{ mm}$



All indicated dimensions are net: 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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Entrematic offers a comprehensive range of products for industrial, commercial, institutional and residential applications, including sectional doors, loading dock equipment, high-performance doors, residential garage doors, pedestrian doors, gates and barriers, and automation and operators. Built on nearly 200 years of accumulated expertise, Entrematic aims to be the most dynamic, innovative company in the entrance automation industry, and the best partner for dealers and installers. Our well-known brands include Normstahl, Dynaco, Ditec and EM.

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The Dynaco products are protected by worldwide registered patents. As part of its policy of continuous product development, Entrematic Belgium NV 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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