



# D-501 Compact

Inside door - "Push-Pull" Technology



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 down time.

High speed operation:  
Up to 2,4 m/s depending on the size.

Superior seal:  
Patented side frame assembly. Neither blade nor brush systems required.

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. Wearing elements are reduced to a minimum.

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

Conform to EN13241-1



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 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.



**DYNACO**  
HIGH PERFORMANCE DOORS

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**DYNACO. THE SAFEST CHOICE**

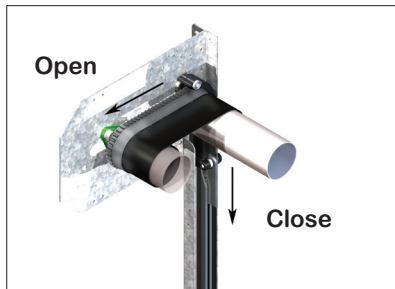
# D-501 Compact

## EN13241-1 STANDARDS

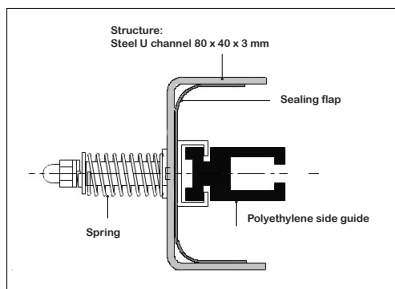
Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Classe 1
Wind load	EN 12424	EN 12444	Classe 1*
Wind permeability	EN 12426	EN 12427	Classe 1
Safe openings	EN 12453	EN 12445	Pass
Mechanical resistance	EN 12604	EN 12605	Pass
Unintended movements	EN 12604	EN 12605	Pass
Thermal resistance	EN 12428	EN 12428	6,02 W/m <sup>2</sup> 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 4.500mm x H 5.500mm: Class 2

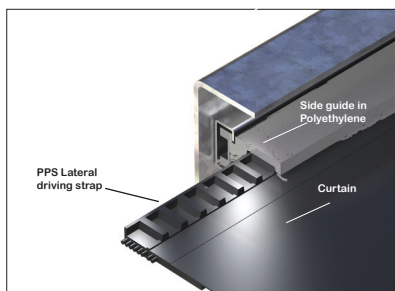
## New "PUSH-PULL<sup>PT</sup>" Drive Technology



## Side Guide view



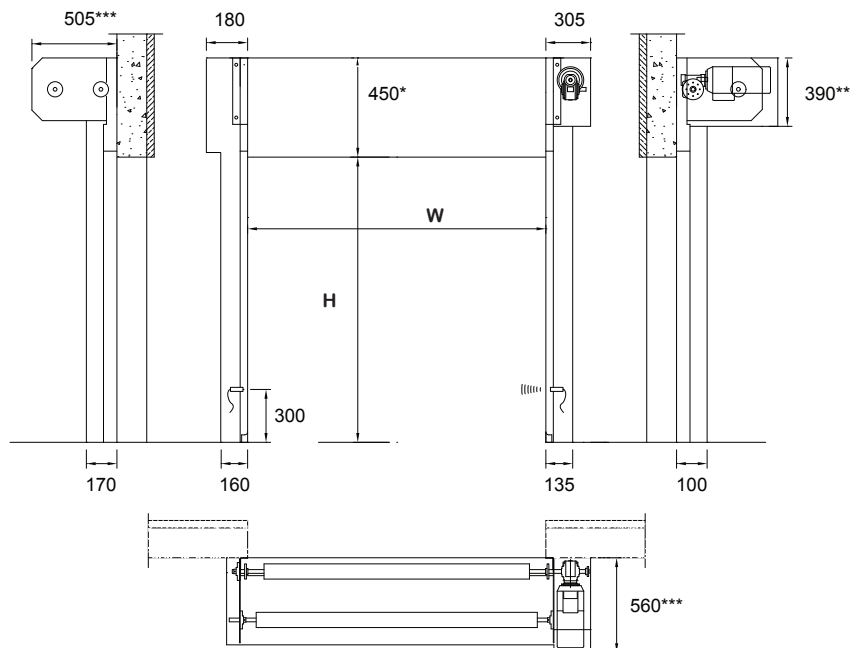
## Lateral driving strap view



## CHARACTERISTICS

Max. dimensions	W 5.500 mm x H: 5.500 mm	
Opening speed	Up to 2,4 m/s	
Closing speed	1,2 m/s	
Structure	Galvanised steel (U channels): 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: IP 65.	
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	
Frequency	0,75 kW = 14 A / 1,5 kW = 18 A Frequency: 50-60 Hz	
Available colours	Yellow RAL1003 Orange RAL2004 Red RAL3000 Blue RAL5002	Green RAL6005 Grey RAL7035 White RAL9010 Black RAL9005

## Measures D-501 Compact



\*650 if drum hood and H>4000

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All indicated dimensions are net: the space necessary for mounting and maintenance has to be provided.



PS - V.2.3 - 27/10/2011

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