



DYNACO M2 COMPACT

Push-Pull
gear driven technology



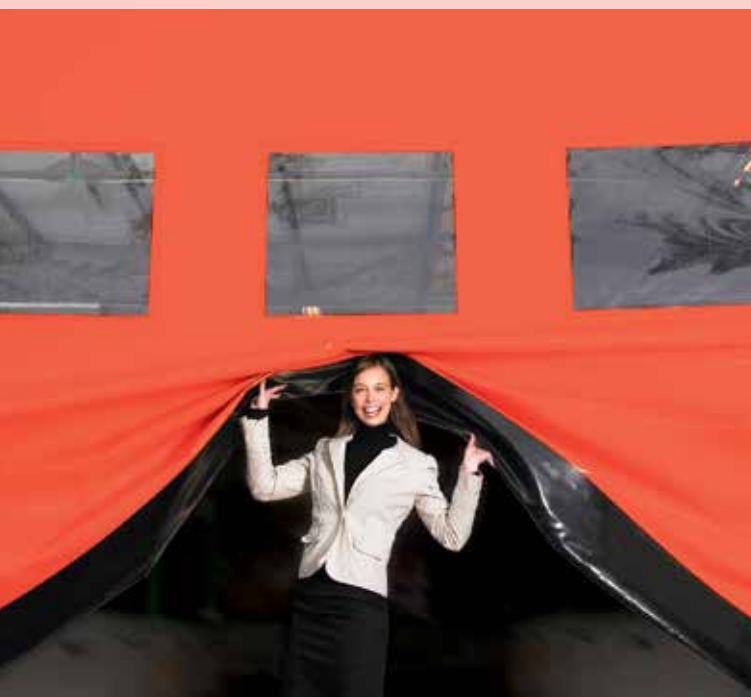
inside door

DYNACO M2 COMPACT

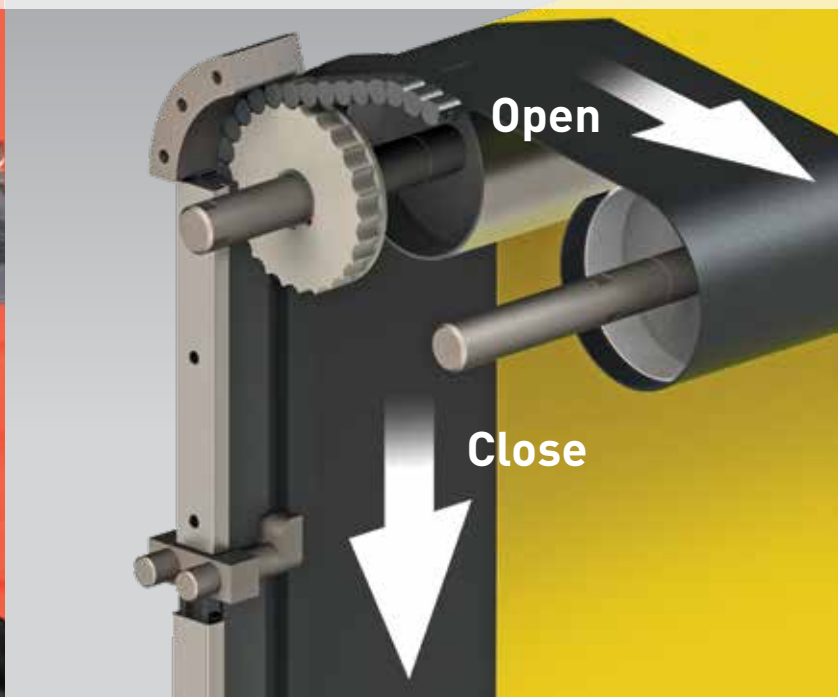
The Dynaco M2 Compact is specifically designed for medium sized inside applications with intensive use. It protects your environment against drafts, humidity, dust and dirt. Operating speed and perfect sealing properties improve your traffic flows and provide employee comfort, environmental control and savings on energy costs. The absence of rigid elements in the curtain and its soft bottom edge make the Dynaco M2 Compact intrinsically safe.

- **HIGH SPEED OPERATION:**
Up to 2,4 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**

Safe



“PUSH-PULL^{PT}” Drive Technology





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	1.000.000

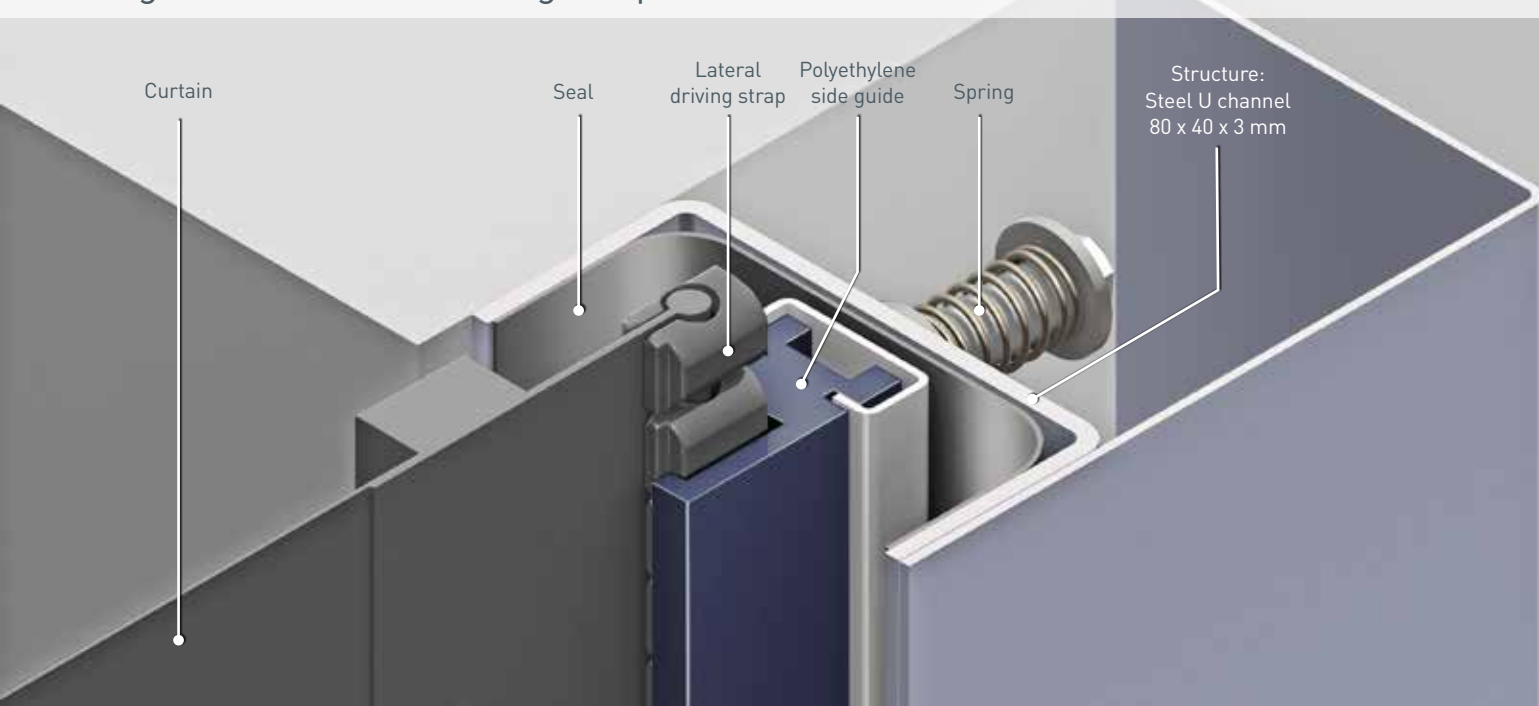
* Interior applications only

** Valid for a door of 3500 x 3500mm

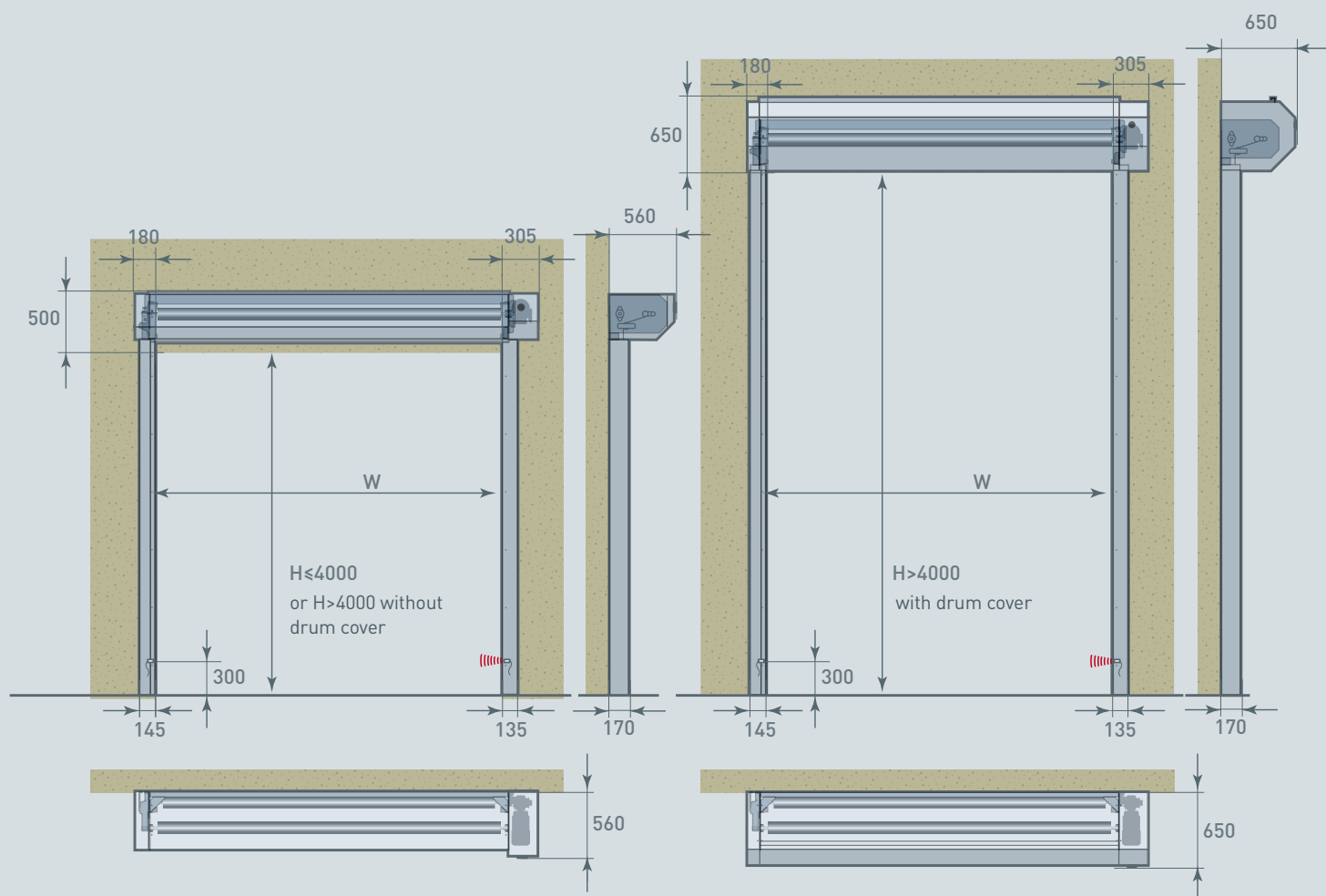
CHARACTERISTICS

Max. dimensions	W 5.500 mm x H 5.500 mm
Opening speed Closing speed	Up to 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), on 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 and emergency stop. IP rating: IP65. Frequency inverter.
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 = 16 A
Frequency	Frequency: 50-60 Hz
Available colours comparable with:	Yellow RAL1003 Orange RAL2004 Red RAL3000 Blue RAL5002 Gentian blue RAL5010 Green RAL6005 Grey RAL7035 White RAL9010 Black RAL9005 Traffic grey RAL7043 Anthracite RAL7016
(Actual colours may deviate. Colour samples available upon request)	

Side guide and lateral driving strap view



Dimensions and installation requirements Dynaco M2 Compact



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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