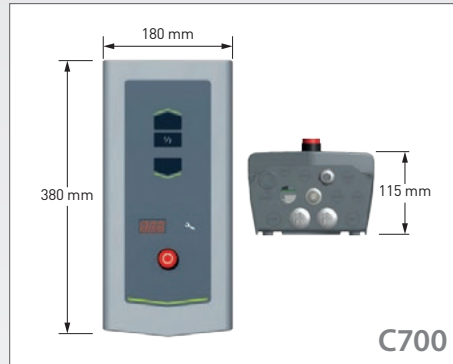


I-14F FRAME SECTIONAL DOOR

DIMENSIONS AND INSTALLATION REQUIREMENTS



Technical Datasheet



All manual doors can be upgraded with electric motors and automation.

TYPE OF TRACK		DLW*	DLH*	HEAD-ROOM	SIDE CLEARANCE				DEPTH	
					Manually	Manual chain hoist	Electric drive			
						Model K up to 400 kg	Direct drive			
							IDO7 IDO1HD	ICH (Integrated Chain Hoist) IDO3		
SL		≤ 8000	≤ 4500 > 4500	485 510	132 mm	+80 or +146mm depending on type	+ 140 mm	+ 40 mm	DLH + 600 mm	
SLL		≤ 5500	≤ 4250	400	132 mm	+80 or +146mm depending on type	+ 140 mm	+ 40 mm	DLH + 900 mm	
LL		≤ 8000	≤ 6000	265/300*	132 mm	+96 or +146mm depending on type	+ 172 mm	+ 40 mm	DLH + 1250 mm	
		* Doorweight > 250 kg, and/or pass door								
HL		≤ 8000	≤ 6000	320/370*	132 mm	+80 or +146mm depending on type	+ 140 mm	+ 40 mm	DLH-HL + 950 mm	
		* if HL > 3400 mm HL as VL mounted on a carrier (LB at least 1500 mm) (DLW < 6000)								
HHL		≤ 8000	≤ 6000	260/285	132 mm	+80 or +146mm depending on type	+ 140 mm	+ 40 mm	DLH-HL + 1100 mm	
VL		≤ 8000	≤ 5500	DLH + 365	110 mm	+106 or +168mm depending on type	+ 140 mm	+ 40 mm	525 mm	

* DLW= Daylight Width / DLH = Daylight Height



All indicated dimensions are net; the space necessary for mounting and maintenance has to be provided.
Reduced dimensions: upon request.
REMARK: Based on the risk analysis of the environment, extra push buttons, detectors and covers might be required.

Access our Public Configurator
to design your next Dynaco door.



I-14F FRAME SECTIONAL DOOR

Designed for



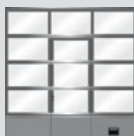
Dynaco offers a wide range of products for several industrial applications.
Find out more on www.dynacodoor.com.

Performance

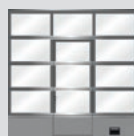
OPENING/CLOSING SPEED	IDO7 operator: 0,25 m/s IDO7 HD operator: 0,18 m/s IDO7 2H operator: opening 0,5 m/s, closing 0,25 m/s
LIFE TIME EXPECTATIONS	Door: 200.000 door cycles or 10 years (if service/replacement program is performed) Springs: 20.000 door cycles
RESISTANCE TO WIND LOAD, EN12424	Class 3 (≤ 4250 mm DLW ^{***})
CURTAIN THERMAL TRANSMITTANCE, EN12428	2,4 W/(m ² .K) triple acrylic glazing 3,6 W/(m ² .K) double acrylic glazing 5,7 W/(m ² .K) single acrylic glazing (Door surface 5000 x 5000 mm, no passdoor)
RESISTANCE TO WATER PENETRATION, EN12425	Class 3 (no pass door)
AIR PERMEABILITY, EN12426	Class 3 (no pass door)
ACOUSTIC INSULATION, EN ISO 10140-2	R - 25 dB

***DLW = Daylight width or clear opening width

Section options



Low threshold pass door
The 900 mm wide low threshold pass door is designed with a sturdy and wide aluminium bottom profile of only 30 mm.



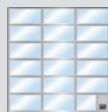
Normal pass door with 180 mm threshold
The pass door is constructed with a DYNACO I-14F bottom section and bottom seal. A reinforcement truss ensures the door's sturdiness and resistance to wind load.



Windows
Different types of windows in single or double acrylic (frosted or tinted) or hardened glass are available.



Frame door with pane fillings in bottom section.



Fully glazed frame door.

Types of track



Characteristics

MAX. SIZE*	W 7250 x H 6050 mm																												
FRAME THICKNESS	44 mm																												
FRAME MATERIAL	Aluminium tubular frames																												
FILLING	Windows or insulated sandwich panels or infills																												
WEIGHT	13 kg/m ²																												
COLOURS	The Dynaco I-14F Overhead Sectional Door is available in any colour on request. As standard, the frames are delivered in natural anodized aluminium.																												
COLOURS BOTTOM SECTION	<p>OUTSIDE COLOUR:</p> <ul style="list-style-type: none"> Standard frame section: natural aluminium Optional panel section available in the 13 standard pre-coated colours: <table border="1"> <tr> <td>RAL 1021</td><td></td> <td>RAL 8017</td><td></td> </tr> <tr> <td>RAL 3000</td><td></td> <td>RAL 9002</td><td></td> </tr> <tr> <td>RAL 5010</td><td></td> <td>RAL 9005</td><td></td> </tr> <tr> <td>RAL 6005</td><td></td> <td>RAL 9006</td><td></td> </tr> <tr> <td>RAL 7016</td><td></td> <td>RAL 9007</td><td></td> </tr> <tr> <td>RAL 7021</td><td></td> <td>RAL 9010</td><td></td> </tr> <tr> <td>RAL 7024</td><td></td> <td></td><td></td> </tr> </table> <p>INSIDE COLOUR:</p> <p>RAL 9002 - gray white </p>	RAL 1021		RAL 8017		RAL 3000		RAL 9002		RAL 5010		RAL 9005		RAL 6005		RAL 9006		RAL 7016		RAL 9007		RAL 7021		RAL 9010		RAL 7024			
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RAL 7016		RAL 9007																											
RAL 7021		RAL 9010																											
RAL 7024																													
COLOURS FRAMES	Factory painting, all RAL colours																												
COLOURS INFILLS	Factory painting, all RAL colours																												
TRACK TYPES**	Standard: SL Optional: HL, LL, VL, HHL, SSL																												
WINDOWS	Optional: DAS, DSS, DAD, DSD, TAD, TSD, SA3, SS3, SH4																												
PASS DOOR	Optional: in door leaf or in side section																												
ELECTRICAL OPERATION	Optional: automated operation, access control, safety functions																												

* On request available up to 9000 x 6050 mm ** See images



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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.