


**FITTING INSTRUCTIONS - NOTICE DE POSE - MONTAGE HANDLEIDING - MONTAGEANLEITUNG
INSTRUZIONI DI MONTAGGIO - INSTUCCIONES DE MONTAJE**

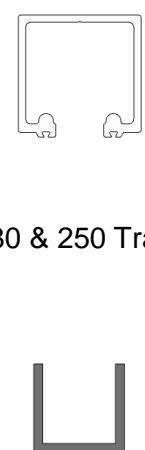
		Max Door Weight	Max Door Height	Max Door Width	Min Door Thickness			
Soltaire Centrefold 45		45 kg	3000 mm	900 mm	35 mm			
Soltaire Centrefold 75		75kg	3300 mm	900 mm	35 mm			
		Hinges		Guides	Hangers		Pivot	Flushbolt
		Handle	Midset	106SS/94	45 kg 61/180/SS	75 kg 61/250/SS	21/SS/P	FB110S
Kit	SCF145 SCF175	1	0	1	1		1	1
	SCF245 SCF275	1	1	1	1		0	1

SCF145 & SCF175 Kit Contents



Hanger & Guide Bag Pivot Bag Handle Hinge Bag FB110S Flushbolt


Track & Channel



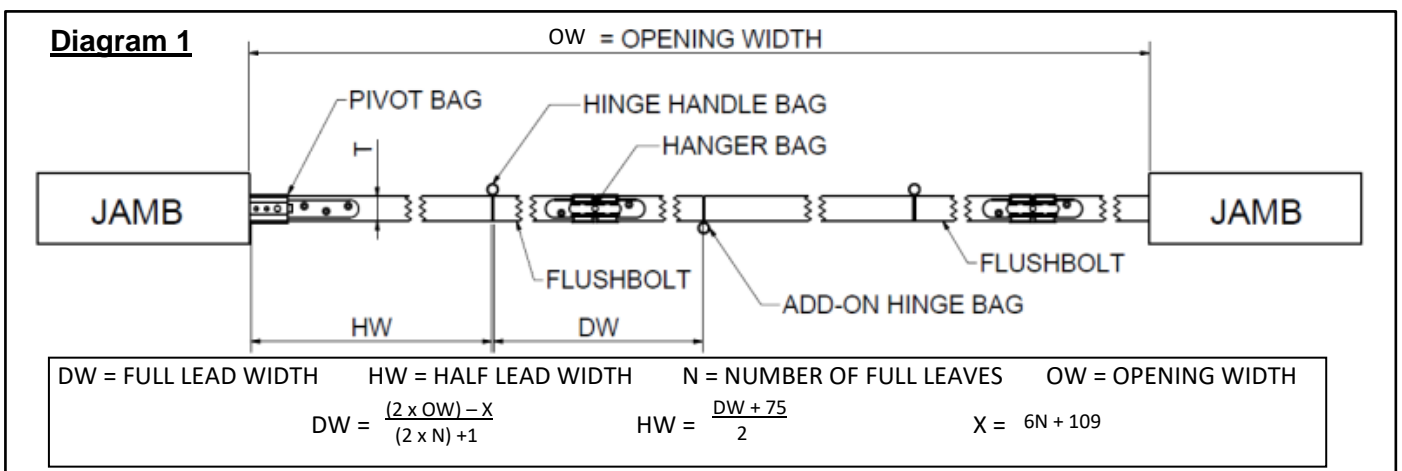
180 & 250 Track

94P Channel

SCF245 & SCF275 Kit Contents



Hanger & Guide Bag Midset Hinge Bag Handle Hinge Bag FB110S Flushbolt



Preparing the Doors

Door Leaf Width Calculation

To calculate the width of your doors use the tables below. For a floating door system, all doors are the same width. **Diagram 1** shows the values used.

To calculate the width of the half-door you should calculate the width of the regular door first.

The table below shows calculations for standard systems.

Number of Doors	DW	HW
1 $\frac{1}{2}$	$\frac{(2 \times OW) - 115}{3}$	$\frac{DW + 75}{2}$
3 $\frac{1}{2}$	$\frac{(2 \times OW) - 127}{7}$	
5 $\frac{1}{2}$	$\frac{(2 \times OW) - 139}{11}$	

For non-standard systems with **one half-leaf** use the equations in **Diagram 1**.

For systems with **two half-leaves** use the below equations. N is the number of **FULL** leaves only.

Number of half-leaves	DW	HW	X
2	$\frac{OW - X}{N+1}$	$\frac{DW + 75}{2}$	3N + 95

Door Leaf Height Calculation

45 kg system:

Door height = Opening Height minus 62 mm.

75 kg system:

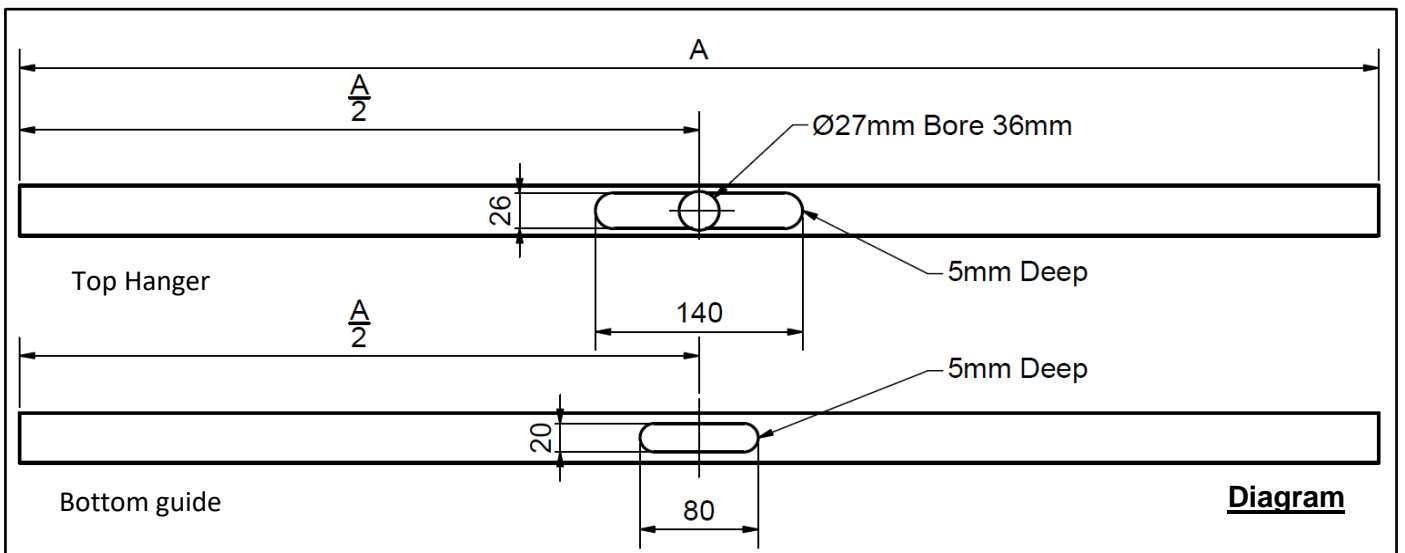
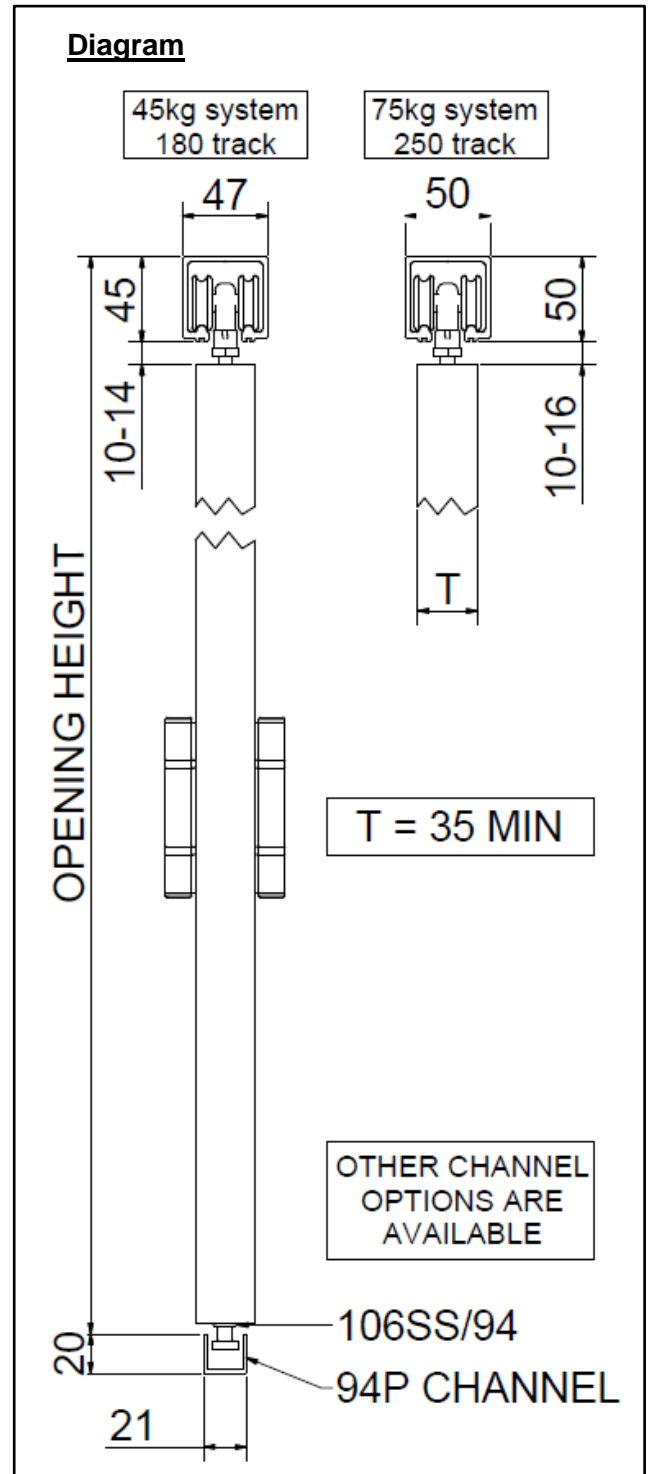
Door height = Opening Height minus 69 mm.

See **Diagram 2** for Opening Height.

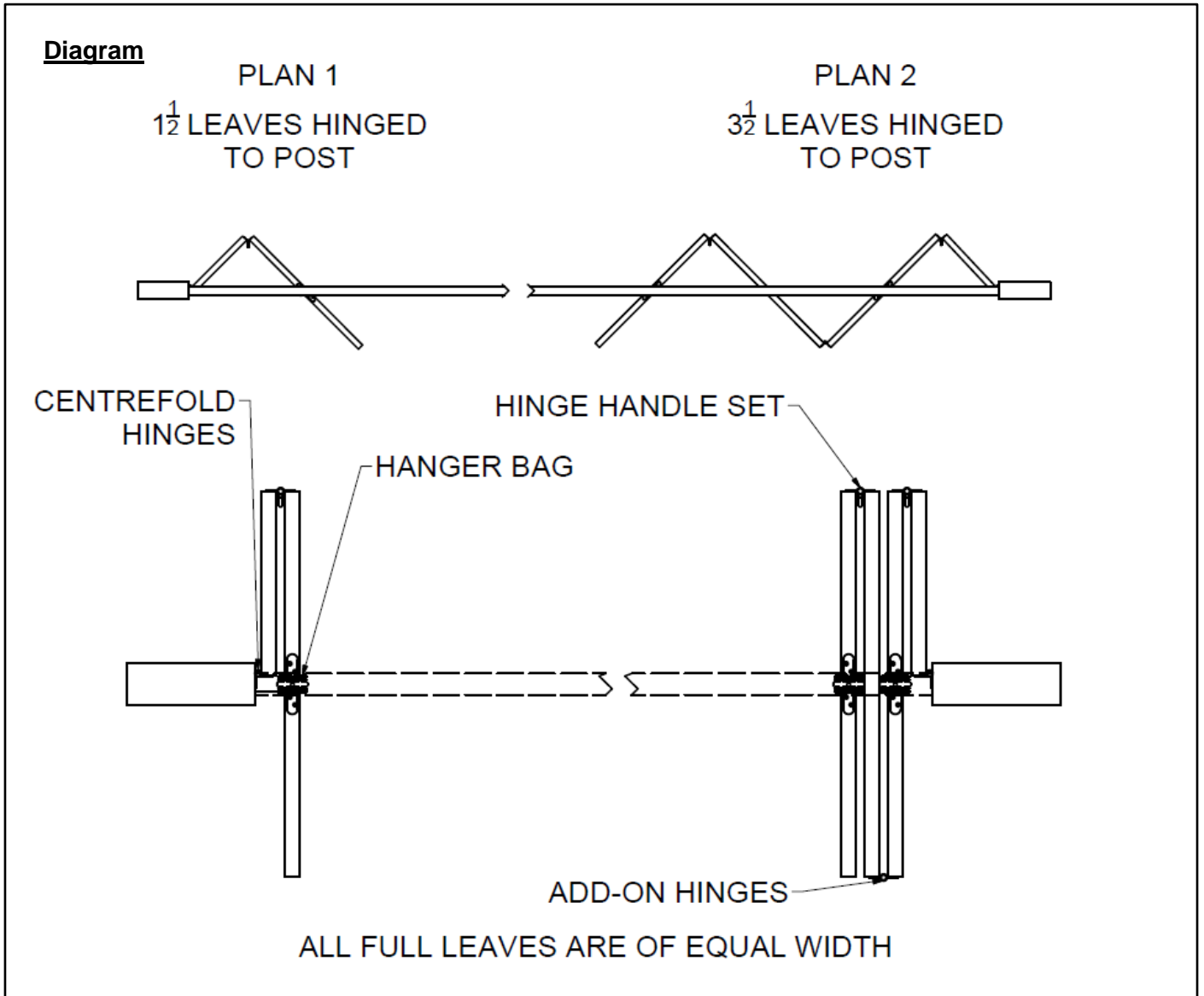
Preparing Leaf for Fixings

Mortise slots for the hanger and guides at 5mm depth as in **Diagram 3**. The hanger also requires a 27mm diameter hole bored to a 36mm depth.

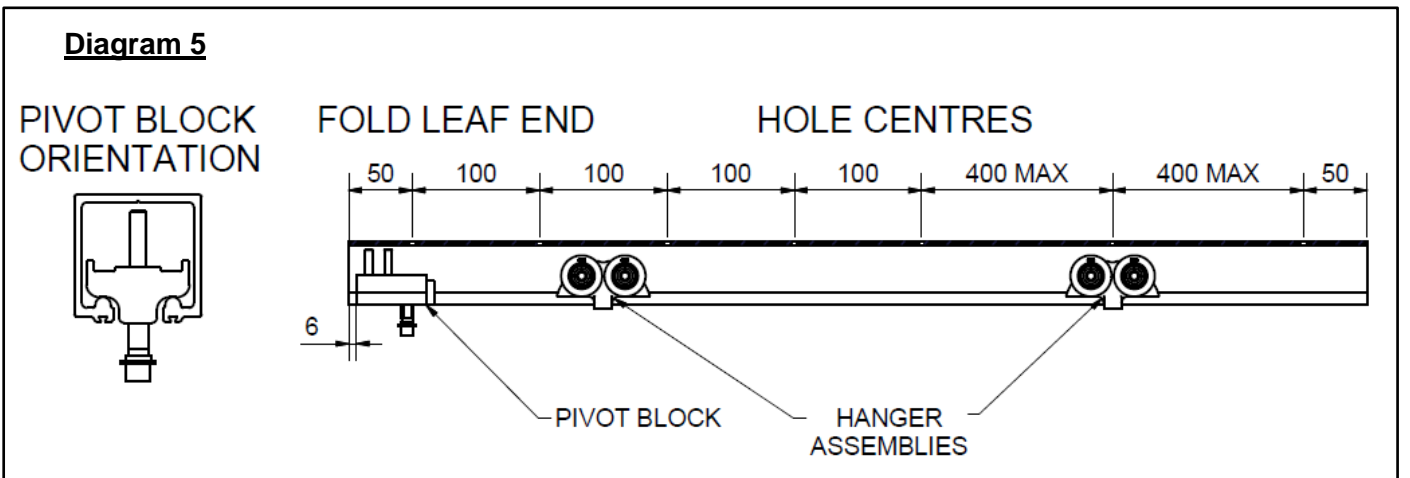
Prepare door for Flushbolts as per included instructions. **Diagram 1** shows recommended Flushbolt positions.



Example



Track Hole

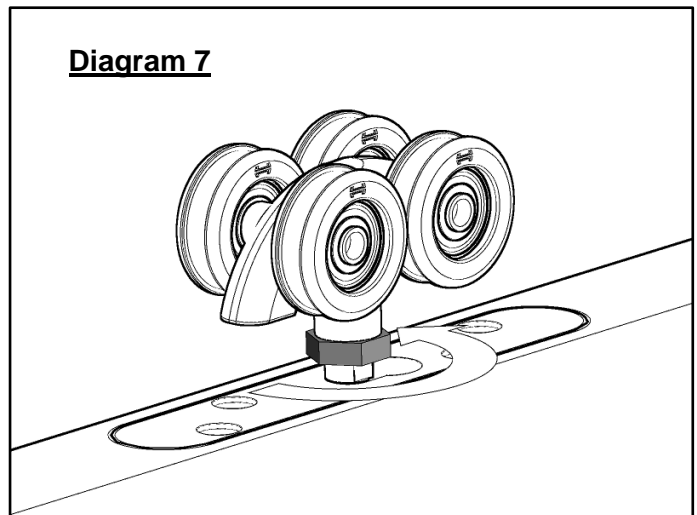
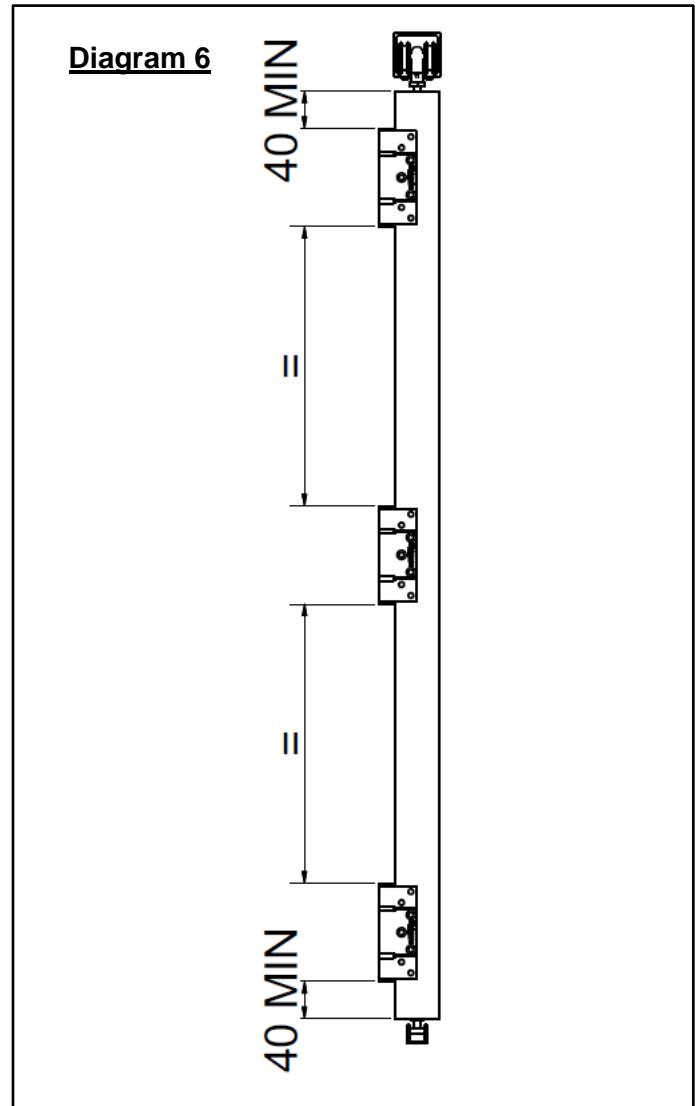


Installation guide

1. Check that you have all of the parts for your system, laying them out in the configuration they will be installed in. See the table on page 1 for the correct number of components and **Diagram 4** for example layouts.
2. Cut your length of track to the required length. Pre-drill the holes for fixing the track in place. Make sure to include extra fixing holes on the side of the track where the doors will stack as in **Diagram 5**.
3. Disassemble the wheel hangers and pivot block by removing the bolt from the body.
4. Slide the pivot block and wheel assemblies into the track in the correct order and orientation as in **Diagram 5**. Install the track with the pivot block and wheel assemblies inside. Ensure the pivot block is 6mm from the end of the track.
5. Assemble the leaves in pairs via the handle hinges as in **Diagram 6**. For ease of installation pre-drill the pilot holes for the additional hinges.
6. Suspend the first pair of doors by attaching the half-leaf to the pivot block and engaging the hanger bolts. Ensure the bottom pivot is engaged.
7. Suspend the next pair of leaves by lifting and supporting the doors, then screwing the hanger bolt into the wheel assembly. Fix the second and third leaves together with the midset hinges.
8. Continue until all the doors are fitted.

Adjustment Guide

1. Close leaves and adjust the door height to achieve an equal gap between the top of all of the leaves and the track.
At the top of the door a gap of 10-14mm is required for 45kg systems and 10 -16mm for 75kg.
At the bottom of the door there should be a gap of at least 3mm.
2. Once the adjustment is complete tighten the nut on the hangers and pivot block to the top as in **Diagram 7**.



CARE AND MAINTENANCE

To provide years of trouble free operation, it is recommended that the track is kept free from dirt and debris. Periodically replace the general purpose grease on all bolts. To prolong the appearance of the exposed hinge parts, it is recommended they are periodically washed with soap and water. Maintenance is required on all components including stainless steel to validate manufacturer's warranty. For further maintenance details please refer to our website, www.pchenderson.com