

HENDERSON



Sliding and Folding Door Hardware **Complete product range**



SECTION A



GENERAL INFORMATION

General Conditions of Sale

1. Master Agreement and Application

- 1.1 The parties agree that, pursuant to the Personal Properties Security Act 1999 (PPSA), these conditions of sale:
- (a) will apply to all products and services supplied by ASSA ABLOY New Zealand Limited ("ASSA ABLOY") to the buyer in the future, and that any such products supplied will be described as inventory;
 - (b) will prevail over any inconsistent terms or conditions contained or referred to in the buyer's purchase order or other correspondence, and will supersede all previous written or implied conditions of sale; and
 - (b) may be varied by ASSA ABLOY at any time by notice in writing to the buyer.
- 1.2 The buyer acknowledges that collateral supplied to the buyer by ASSA ABLOY is inventory.
- 1.3 Variation and improvements to design and printed specifications will continue to be made without notice.

2. Packing and Freight

- All prices shown include standard freight within New Zealand.
- Requests for urgent/courier delivery will incur a freight charge at cost.
- Any additional packaging required for export despatch will incur extra packaging charges.

3. Claims

Your order should be checked against the packing slip acknowledgement. Except as covered under the warranty clause, claims made seven days, or later, after the receipt of goods will not be recognised or admitted.

4. Proof of Delivery

Buyer must advise the carrier/s and ASSA ABLOY of non-delivery of invoiced goods within 28 days of receipt of invoice; unless such advice is received buyer admits delivery of invoiced goods.

5. Delivery

Split delivery – If only part consignment is delivered advise the carriers and ASSA ABLOY immediately clearly stating what has been delivered and what is missing.

Breakages – Sign 'unexamined'. Unpack without delay and advise the carriers and ASSA ABLOY of any damage or breakages immediately.

6. Delivery Date

Any time or date for despatch provided is an estimate only and ASSA ABLOY shall not be liable for the consequences of any delay.

7. Prices

All prices shown are prices for customers resident within New Zealand only. Prices are subject to alterations at any time without notice. The price charged is that ruling at date of purchase. All published prices are GST exclusive.

8. Payment

All goods and materials supplied are due for settlement in full on 20th of month following invoice date.

9. Remedies

- 9.1 The parties agree to contract out of Part 9 of the PPSA as far as it applies to ASSA ABLOY's rights to withhold delivery of subsequent orders, cancel discounts, and charge for debt collection and recovery costs, without prejudicing any of ASSA ABLOY's other rights under the PPSA or these conditions of sale. On default of payment ASSA ABLOY reserves the right to withhold delivery of all subsequent orders until settlement is received. When payment is late discounts may be cancelled. All debt collection agency fees, charges and debt recovery costs will be added to the amount due.
- 9.2 The buyer waives his or her right to do any of the following:
- (a) To object to ASSA ABLOY's proposal to retain any inventory under section 121 of the PPSA;

- (b) To receive notice of a removal of an accession under section 129 of the PPSA;
- (c) To apply to the Court for an order concerning the removal of an accession under section 131 of the PPSA;
- (d) To redeem any inventory under section 132 of the PPSA; or
- (e) To receive a copy of the verification statement confirming registration of a financing statement or a financing change statement relating to the security interest caused by this agreement.

10. Warranty

In addition to other written guarantees, ASSA ABLOY provides a warranty against faulty workmanship and/or materials and any claim on account of quality or condition will be limited to the invoiced value of the product alone and must be made in writing within 30 days of the arrival of the goods under this clause.

For full warranty details, visit www.assaabloy.co.nz/warranties

11. Returned Goods Policy

Goods may only be returned with the prior consent of ASSA ABLOY.

The majority of product lines are made to order and are therefore non-returnable. Stocked product lines may be returned, subject to prior agreement and acceptance by ASSA ABLOY. Non-returnable product includes some non-stocked black product, product ordered in a "P" or "Special" colour, customised product, specially imported products and items with specific keying instructions. Please check with our Customer Services team for more information.

Upon confirmation that goods can be returned, a returned goods number must be obtained from ASSA ABLOY Customer Services. This number must be attached to the returned goods. ASSA ABLOY is unable to process credits unless the goods have a returned goods number.

Goods should be returned to ASSA ABLOY New

Zealand Limited, freight paid, fully insured at the purchaser's risk. All returns must be clearly marked with the returned goods number and be accompanied by a copy of the original invoice.

Any return of goods is on the proviso that the goods returned are in the same order and condition as when they were originally despatched by ASSA ABLOY and that the goods are returned within 14 days of the original order being placed.

On all the returns where ASSA ABLOY has despatched the order correctly, a handling fee of up to 25% of the invoice value may be deducted.

Where goods have been in the purchaser's hands for longer than 30 days, the request to return goods to ASSA ABLOY is solely at ASSA ABLOY's discretion, and the credit value of the returned goods will also be at ASSA ABLOY's discretion.

12. Security

- 12.1 All goods and materials supplied are ex Works and risk passes to the buyer after leaving ASSA ABLOY's warehouse door.
- 12.2 The buyer grants ASSA ABLOY a purchase money security interest in inventory, as described by the PPSA, supplied by ASSA ABLOY to the buyer.
- 12.3 The buyer also grants ASSA ABLOY a general security interest in all the buyer's present and after acquired property for any indebtedness the buyer has to ASSA ABLOY from time to time.
- 12.4 ASSA ABLOY may allocate payment of indebtedness for any debt to any consignment of inventory provided to the buyer as ASSA ABLOY sees fit.
- 12.5 In default of payment in full on the due date ASSA ABLOY will have the right immediately to repossess and remove inventory without prejudice to any of ASSA ABLOY's other rights under this Agreement or otherwise, and the buyer hereby irrevocably authorises ASSA ABLOY to enter any premises where inventory may be for such purpose.

- 12.6 Any proceeds of sale of inventory supplied to the buyer by ASSA ABLOY shall be held in trust for ASSA ABLOY. ASSA ABLOY may trace the proceeds of any such sales in accordance with equitable principles.
- 12.7 The buyer acknowledges that ASSA ABLOY has provided inventory to the buyer on credit and the buyer acknowledges that ASSA ABLOY has a security interest in the inventory provided by ASSA ABLOY to the buyer.

13. Notices

Any notices to the buyer may be given by posting the notice to the buyer's last known postal address; emailing it to the buyer's last known email address; or faxing it to the buyer's last known facsimile number.

SECTION B



STRAIGHT SLIDING TOP HUNG DOOR SYSTEMS

Straight Sliding Top Hung Door Systems

Section Index and General Guide

Select system for your top hung application.	Residential	Commercial	Industrial	Max. Door	Product	Data Sheet
APPLICATION						
Residential						
For sliding doors	■			30kg	Sprint	B10
For wardrobes or large cupboards	■			45kg	Single Top	B20
For wardrobes or large cupboards	■			45kg	Double Top	B30
For timber or metal sliding doors	■			55kg	Marathon 55 & 90	B40
For interior doors. Exposed roller barn door look	■	■		100kg	Rustic	B50
For self closing timber or metal doors	■	■		80kg	Sirocco	B60
For interior room divices and wardrobes	■			100kg	Husky 100	B70
For interior passing sliding doors	■			120kg	Husky 120 Pro	B80
For interior passing sliding doors	■			80kg	Husky 120 Telescopic	B90
Commercial						
For interior doors. To suit one or more doors	■	■		120kg	Sienna	B100
For interior and exterior doors. To suit one or more doors	■	■		120kg	Soltaire 120	B110
For interior doors. To suit one or more doors	■	■		120kg	Soltaire Low Headroom 120	B120
For interior and exterior passing panels	■	■		120kg	Soltair 120 Telescopic	B130
For exterior shutters and screens	■	■		120kg	Shutter Slide	B140
For interior and exterior doors. To suit one or more doors	■	■		180kg	Soltaire 180	B150
For interior doors. To suit one or more doors	■	■		180kg	Soltaire Low Headroom 180	B160
For interior and exterior doors. To suit one or more doors	■	■		250kg	Soltaire 250	B170
For interior doors. To suit one or more doors	■	■		250kg	Soltaire Low Headroom 250	B180
For interior doors. To suit one or more doors		■		500kg	Flexirol 500	B190
Industrial						
For timber or metal construction.			■	200kg	Straight Sliding 290	B200
For timber or metal construction.			■	450kg	Straight Sliding 301	B210
			■	700kg	Straight Sliding 305	B220
			■	2000kg	Straight Sliding 307	B230

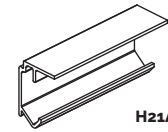
SPRINT

HENDERSON

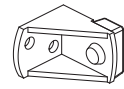
For top hung sliding doors. Max 30kg.

APPLICATION

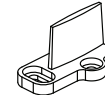
- For interior doors between rooms
- For timber, timber framed or composite doors
- Silent – nylon guides and hangers on aluminium track
- Floor component – guide only



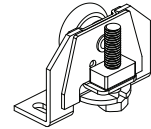
H21A



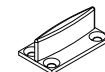
H28PDP



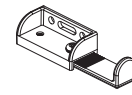
H101NDP



H161DP



H102NDP



H162DP

(supplied in sets and fitting packs)

HARDWARE SPECIFICATION

Track	H21A	Aluminium (3000mm length)
Hangers (2 per door)	H161DP	Senator hanger. Top fixing hangers with ball race nylon tyred wheels for smooth operation. Built in adjustability for ease of installation
Door Stop	H28PDP	Rubber buffered stop
Guides	H101NDP	Nylon saw cut guide
	H162DP	Adjustable floor guide
	H102NDP	Nylon saw cut guide

DOOR SPECIFICATION

Track System	Senator
For Individual Doors:	
Max Door Weight	30kg
Max Door Width	900mm or 1525mm
Door Thickness	20-35mm
Max Door Height	2400mm

STANDARD SETS AND PACK

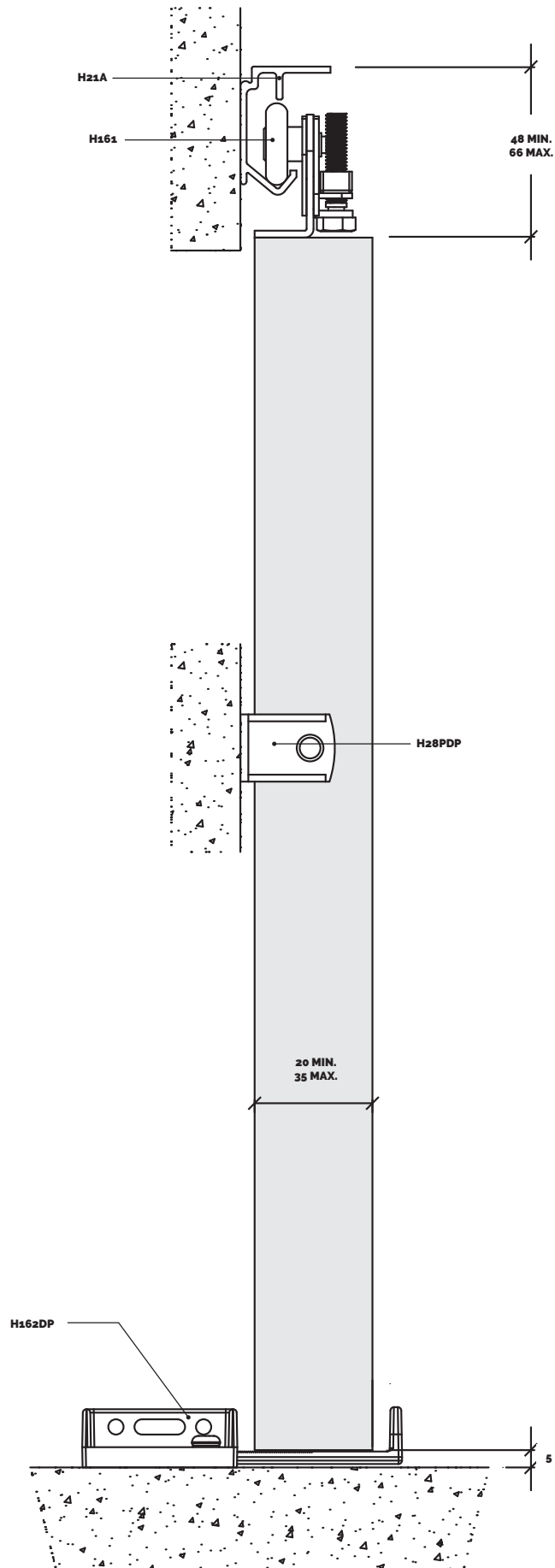
Sets comprise of jump-proof, face/soffit fixing aluminium section track, top fixing hangers, H162 guide, stop, all screws and fitting instructions.

Set No.	Opening width	Track Length	Hardware for
HSP3	900mm	1800mm	1 door
HSP5	1525mm	3000mm	1 door
Pack No.	Application		
HSENSP1	One door fitting kit		

SPRINT

**DRAWING IS
NOT TO SCALE**

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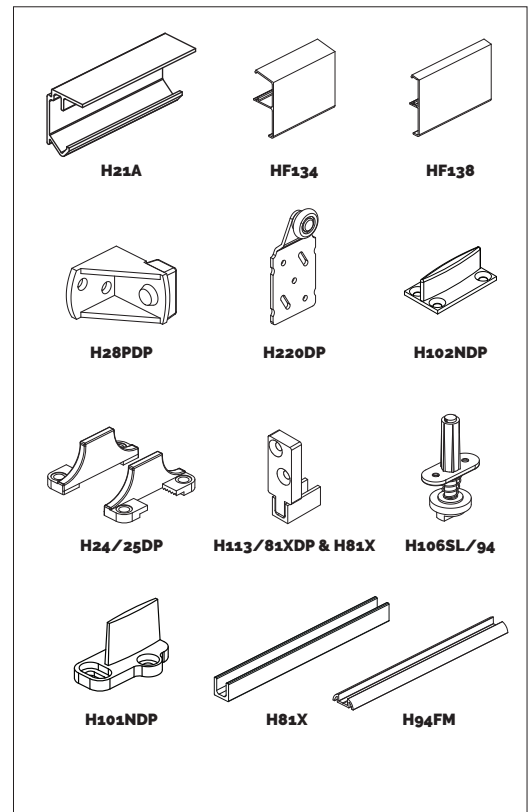
SINGLE TOP

HENDERSON

For single track sliding wardrobe doors. Max 45kg.

APPLICATION

- For timber framed composite doors
- Silent – nylon wheeled ball bearing hangers and aluminium track
- Easily adjusted door height
- Alternative guide channel systems available



HARDWARE SPECIFICATION		
Track	H21A	Aluminium (3000mm length)
Hangers (2 per door)	H220DP	Outer offset hanger. Nylon tyred wheel face fitted to the back of the door.
Door Stop	H28PDP	Rubber-buffered stop
Guides	H24/25DP	Nylon adjustable guide set. Included in sets and packs. Alternative guides available.
Accessories		
Guides	H101NDP	Nylon saw cut guide
	H102NDP	Nylon saw cut guide
	H106SL/94	Spring loaded guide (suits H81X channel & H94FM channel)
	H113/81XDP	Nylon guide (suits H81X channel)
Channels	H81X	Aluminium channel (2400 & 3600mm lengths)
	H94FM	Aluminium channel (2000, 3000, 4000 & 6000mm lengths)
Pelmet	HF134/#	Fascia for soffit fixed applications for doors up to 38mm thick
	HF134/ECP	Fascia end cap pack
	HF138/#	Fascia for soffit fixed applications for doors up to 20mm thick
	Note: Replace # with 2000, 3000 & 4000mm lengths. All fascia anodised finish	

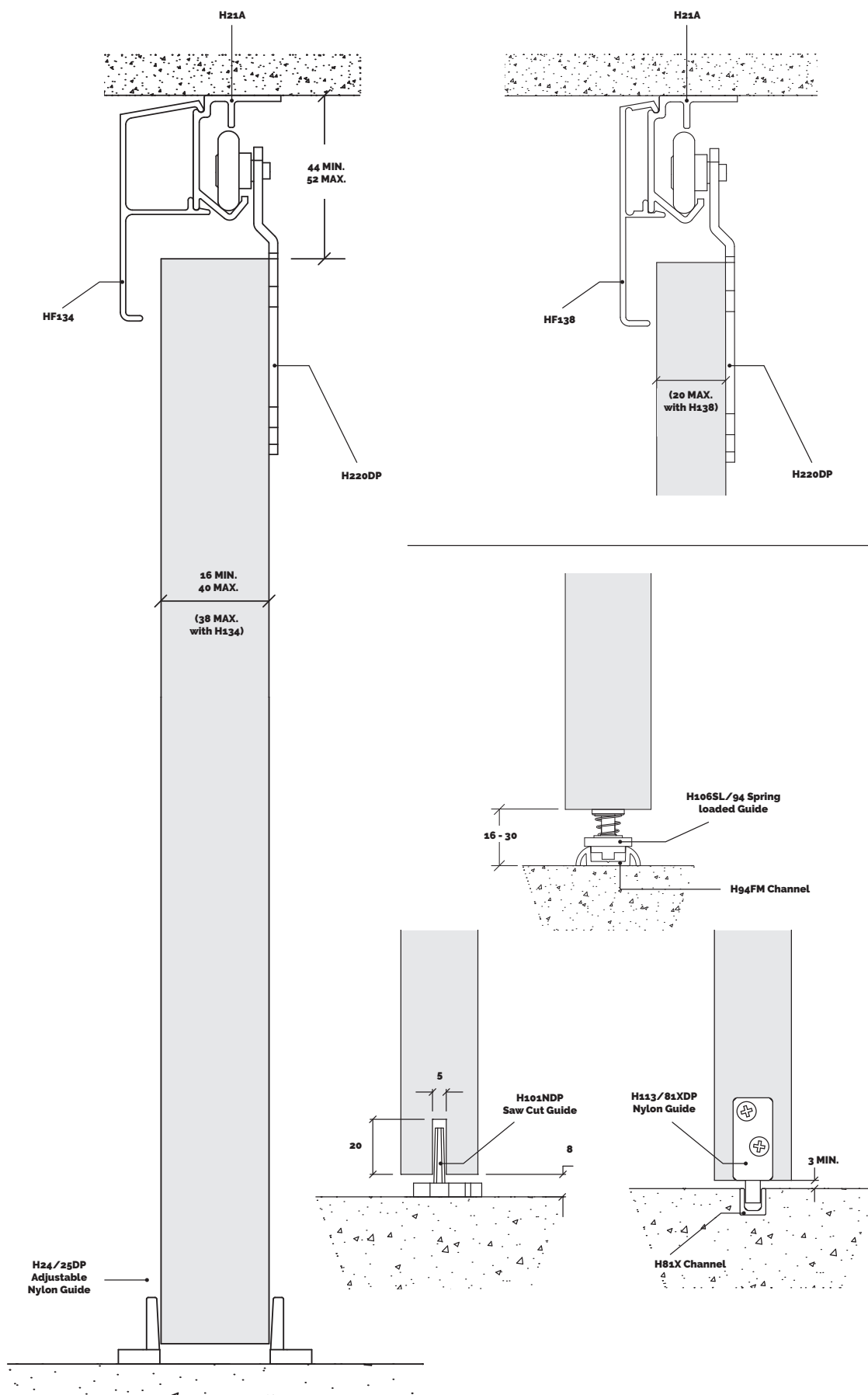
DOOR SPECIFICATION	
Track System	Single Top
For Individual Doors:	
Max Door Weight	45kg
Max Door Width	900mm
Door Thickness	16-40mm
Max Door Height	2400mm

STANDARD SETS AND PACK			
Sets comprise of jump-proof, face/soffit fixing aluminium section track, ball bearing hangers, nylon guides, rubber-buffered stop, all screws and fitting instructions			
Set No.	Opening width	Track Length	Hardware for
HST12	600mm	1200mm	1 door
HST15	750mm	1500mm	1 door
HST18	900mm	1800mm	1 door
Pack No.	Application		
HST01DP	Single door fittings pack		

SINGLE TOP

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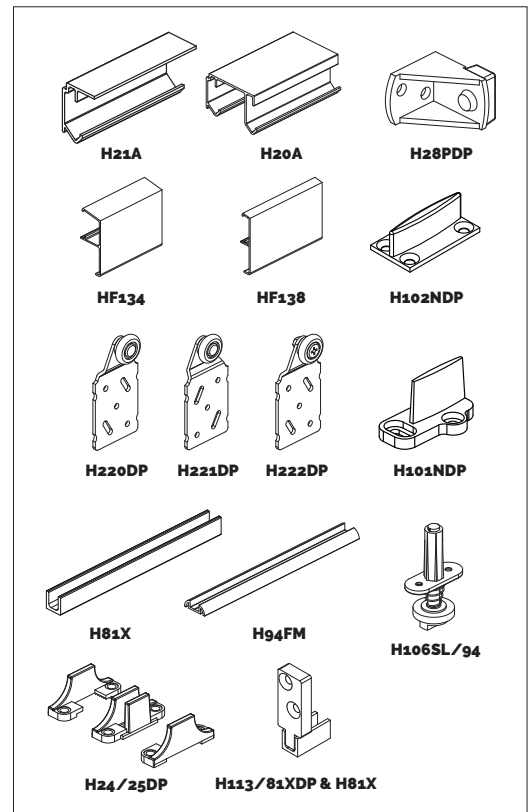
DOUBLE TOP

HENDERSON

For double track sliding wardrobe doors. Max 45kg.

APPLICATION

- For heavy duty applications
 - larger wardrobes and cupboards in hotels, schools and offices
- For timber, timber framed or composite doors
- Silent – nylon wheeled ball bearing hangers and aluminium track
- Easily adjusted door height
- Alternative guide channel systems available



HARDWARE SPECIFICATION

Track	H20A	Aluminium (3000mm length)
Hangers (2 per door)	H220DP	Outer offset hanger
	H221DP	Inner offset hanger
	H222DP	Reversible offset hanger
Door Stop	H28PDP	Rubber-buffered stop
Guides	H24/25DP	Nylon adjustable guide set. 1 guide set for 2 doors, 2 sets for 3 doors. Included in door sets and packs. Alternative guides available.

Accessories

Track	H21A	Aluminium single track (3000mm length)
Guides	H101NDP	Nylon saw cut guide
	H102NDP	Nylon saw cut guide
	H106SL/94	Spring loaded guide (suits H81X channel & H94FM channel)
	H113/81XDP	Nylon guide (suits H81X channel)
Channels	For heavy duty applications or where more than 3 doors are required per opening	
	H81X	Aluminium channel (2400 & 3600mm lengths)
	H94FM	Aluminium channel (2000, 3000, 4000 & 6000mm lengths)
Pelmet	HF134/#	Fascia for soffit fixed applications for doors up to 38mm thick
	HF134/ECP	Fascia end cap pack
	HF138/#	Fascia for soffit fixed applications for doors up to 20mm thick
	HF138/ECP	Fascia end cap pack
	Note: Replace # with 2000, 3000, 4000mm lengths. All fascia anodised finish	

DOOR SPECIFICATION

Track System	Double Top
For Individual Doors:	
Max Door Weight	45kg
Max Door Width	900mm
Door Thickness	16-40mm
Max Door Height	2400mm

STANDARD SETS AND PACK

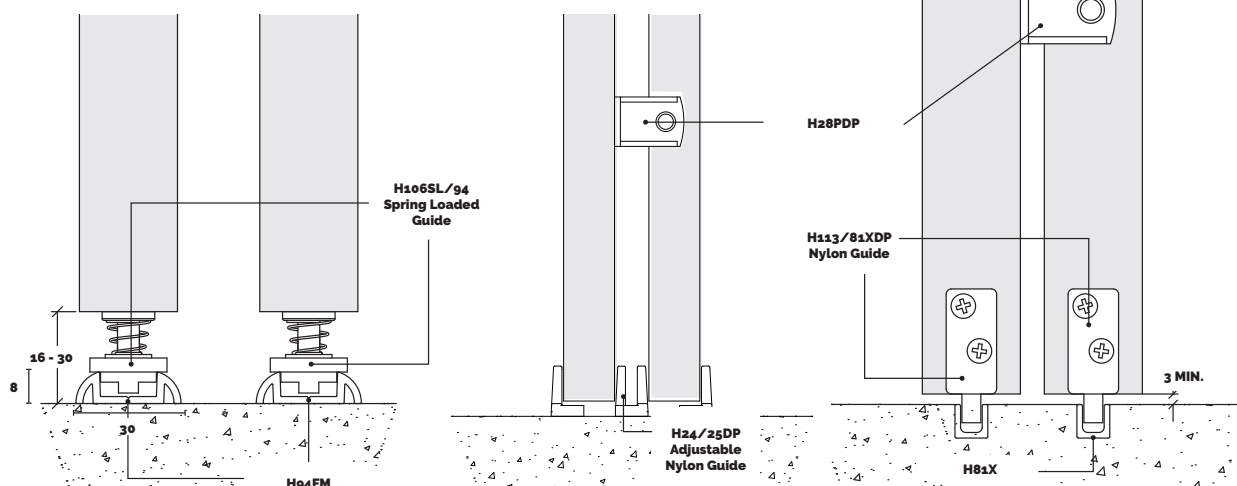
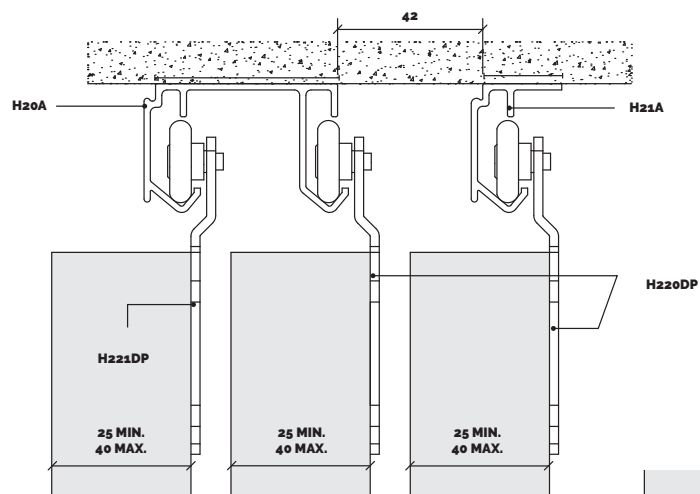
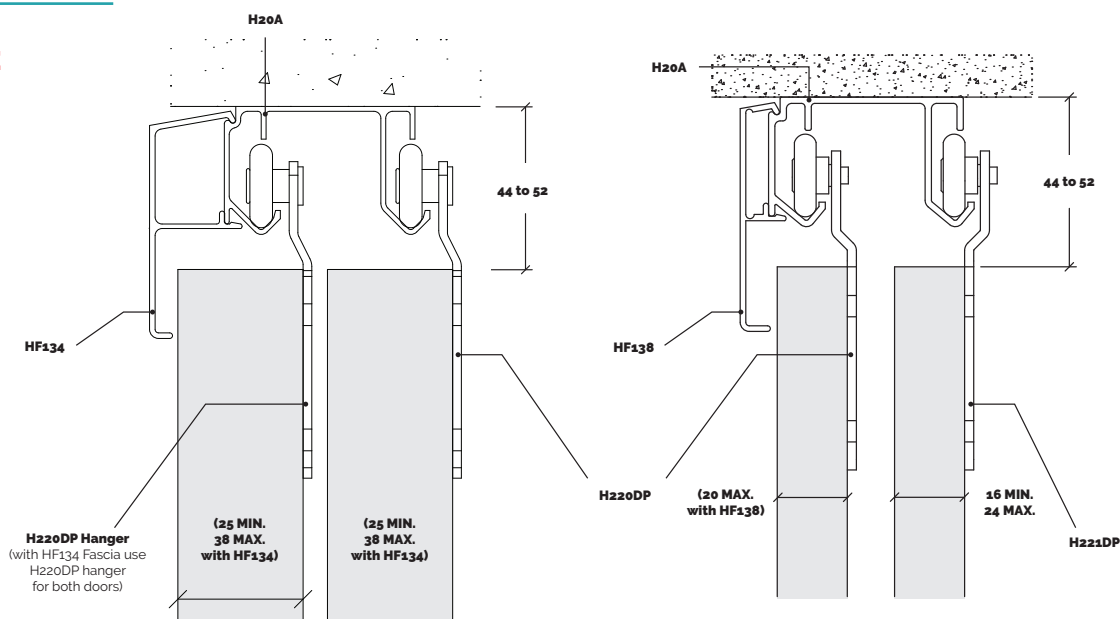
Sets comprise of jump-proof, soffit fixing aluminium section track, ball bearing hangers, nylon guides, rubber-buffered stop, all screws and fitting instructions.

Set No.	Opening width	Track Length	Hardware for
HW12	1200mm	1200mm	2 doors
HW15	1500mm	1500mm	2 doors
HW18	1800mm	1800mm	2 doors
HW24	2400mm	2400mm	3 doors
Pack No.	Application		
HW01DP	Single door fittings pack		
HW02DP	Two door fittings pack		

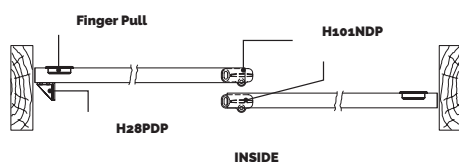
DOUBLE TOP

HENDERSON

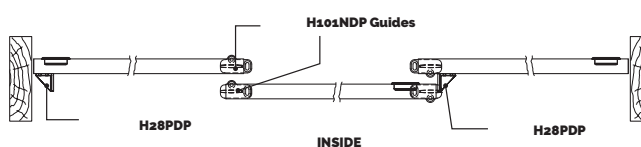
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Double Top – 2 Door Application



Double Top – 3 Door Application



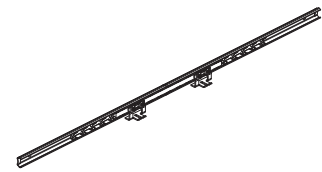
MARATHON 55 & 90

HENDERSON

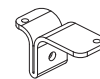
For sliding doors. Max 55kg or 90kg.

APPLICATION

- Used for heavy-duty domestic and light commercial applications,
- doors and partitions
- For timber, timber framed or composite doors
- Easily adjusted door height
- Simultaneous action option
- Fire door kit option available for Marathon go



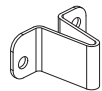
Marathon Sliding Door System



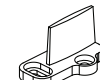
H3/40



H102NDP



H44



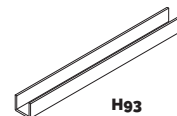
H101NDP



H102N/93



H43



H93

HARDWARE SPECIFICATION

Top plate (2 per door)	H43	Nylon top plate with integral buffer (not supplied with bolt)
Stop	H44	Wall mounted stop
Guides	H101NDP	Nylon saw cut guide
	H102NDP	Nylon saw cut guide
	H102N/93	Floor mounted channel guide
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
Self Closing Kit		
Accessories	HSCk1	Self closing kit, for doors up to 60kg
Bracket	H3/40	Soffit fix brackets (pack of 5)
Fire door kit	HFDK1	Self closing fire door kit. For use in conjunction with Marathon kits S3, S4, S5 & S6 (purchased separately)
	HFDK2	Non-self closing fire door kit. For use in conjunction with Marathon kits S3, S4, S5 & S6 (purchased separately)
Simultaneous Action Kit	H23	For biparting doors up to 60kg

DOOR SPECIFICATION

Track System	Marathon 55	Marathon 90
For Individual Doors:		
Max Door Weight	55kg	90kg
Max Door Width	1500mm	1500mm
Door Thickness	32-50mm	32-50mm
Max Door Height	3000mm	3000mm

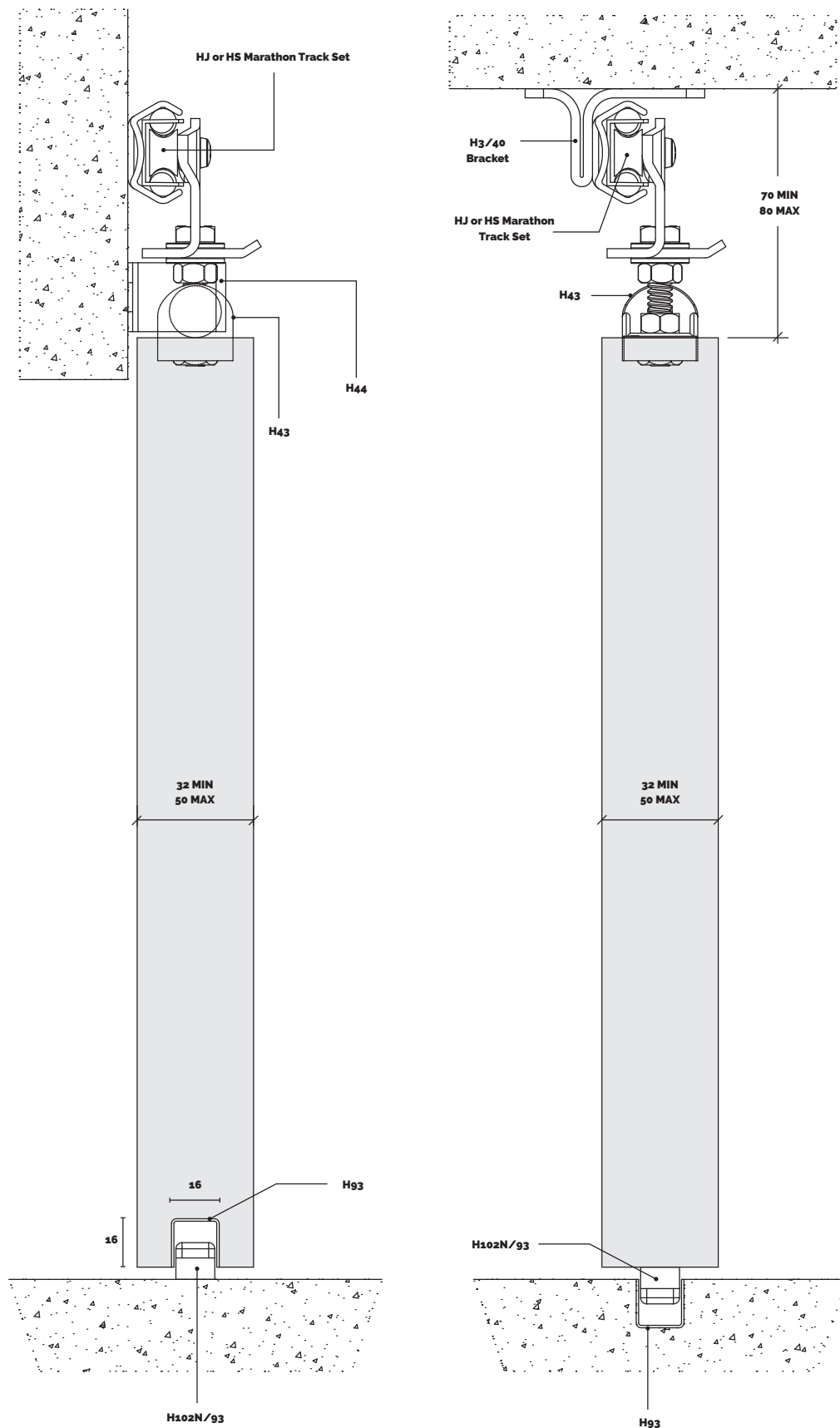
STANDARD SETS AND PACK

Sets comprise of top assembly, nylon top plates, floor guide, nylon, channel, wall mounted stop, all screws and fitting instructions.

Marathon 55	Marathon 90			
Set No.	Set No.	Opening width	Track Length	Hardware for
HJ2	HS2	400-750mm	1219mm	1 door
HJ3	HS3	750-900mm	1473mm	1 door
HJ4	HS4	900-1050mm	1702mm	1 door
HJ5	HS5	1050-1200mm	1981mm	1 door
HJ6	HS6	1200-1500mm	2438mm	1 door

MARATHON 55 & 90

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RUSTIC 100

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For top hung interior sliding timber doors. Max 100kg each leaf.

APPLICATION

- Traditional system for timber doors that creates that old fashioned look
- Choice of exposed steel straps fasten down the front of the door, or concealed top mount fixing plates. Hangers run smoothly along a flat bar track
- Robust black powdercoat or brushed stainless steel finish
- Nylon bearing wheels provide a smooth and silent running
- Stops are position on the track to limit door travel



STANDARD SETS AND PACK				
Sets comprise of 2 x hangers, 2 x door stops, 2 x flush pulls, 1 x floor guide, 1 x flat track (2M or 3M) track wall spacers and fixings for solid walls.				
Set No.	Finish	Opening width	Track Length	Hardware for
HR100/20	Black	1000mm	2000mm	1 Door
HR100/30	Black	1500mm	3000mm	1 Door
HR100SS/20	Stainless Steel	1000mm	2000mm	1 Door
HR100SS/30	Stainless Steel	1500mm	3000mm	1 Door
HR100TM/20*	Black	1000mm	2000mm	1 Door
HR100TM/30*	Black	1500mm	3000mm	1 Door
HR100SSTM/20*	Stainless Steel	1000mm	2000mm	1 Door
HR100SSTM/30*	Stainless Steel	1500mm	3000mm	1 Door
Pack No.	Finish	Application		
HR100	Black	Single door fittings pack		
HR100TM*	Black	Single door fittings pack		
HR100SS	Stainless Steel	Single door fittings pack		
HR100TMSS*	Stainless Steel	Single door fittings pack		
HR80SOFT	Black	Soft close kit single door, max door weight 80kg		

* TM = Set with top mount hangers.

DOOR SPECIFICATION

Track System	Rustic 100	Rustic 100TM
For Individual Doors:		
Max Panel Weight	100kg	100kg
Min Panel Width	500mm	500mm
Max Panel Width	1500mm	1500mm
Panel Thickness	36-46mm	36-50mm
Max Panel Height	3000mm	3000mm

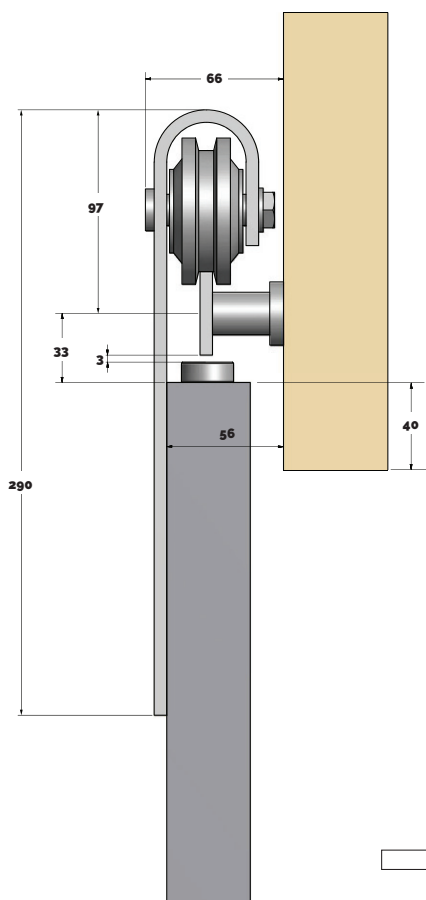
SOFT CLOSE CONFIGURATION WHEN INSTALLING BI-PARTING DOORS

Track	2 Soft Closers (one on each door)	4 Soft Closers (one on each door)
3m Track	Yes (762mm min door width)	Not possible
4m Track (2x2m)	Yes	Yes (762mm min door width)

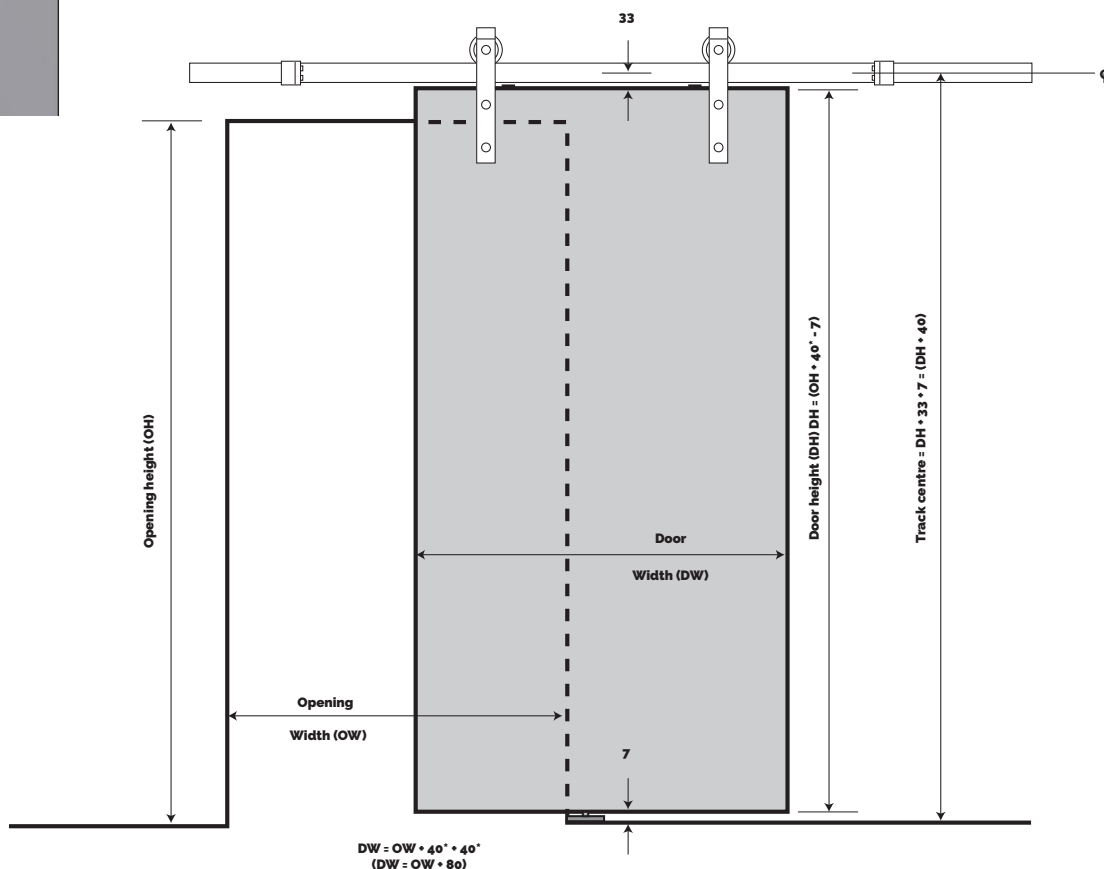
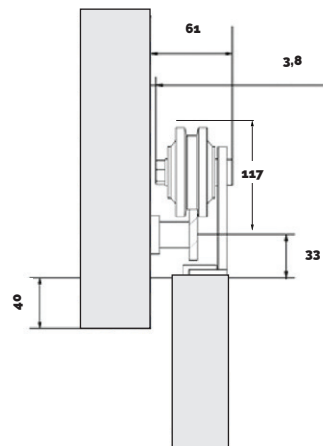
RUSTIC 100

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Top Mount



*PCH Suggests 40mm overlap of the door to the opening.

All dimensions in mm.

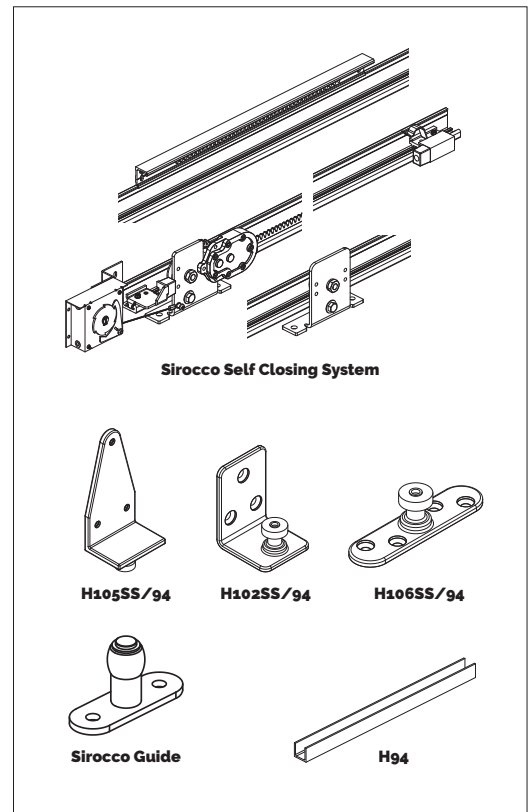
SIROCCO SELF CLOSING SYSTEM

HENDERSON

**For sliding timber and metal doors.
Max. 80kg.**

APPLICATION

- Suitable for both domestic and commercial interior applications
- Designed to give a smooth and quiet operation, with a hydraulically controlled soft close feature
- Adjustable closing speed feature
- Door brake to reduce opening speed to prevent damage to the door and system
- Operational between temperature ranges of -10°C to 40°C
- Optional hold open unit giving adjustable time delay before self closing



HARDWARE SPECIFICATION		
Guides	H102SS/94	Timber doors - wall mounted and multiple run guide
	H105SS/94	Timber doors - face mounted guide
	H106SS/94	Timber doors - concealed fixing with SS bearing
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
	HSIRFAS	Pelmet in anodised aluminum with end cap. Pelmet length 2500mm

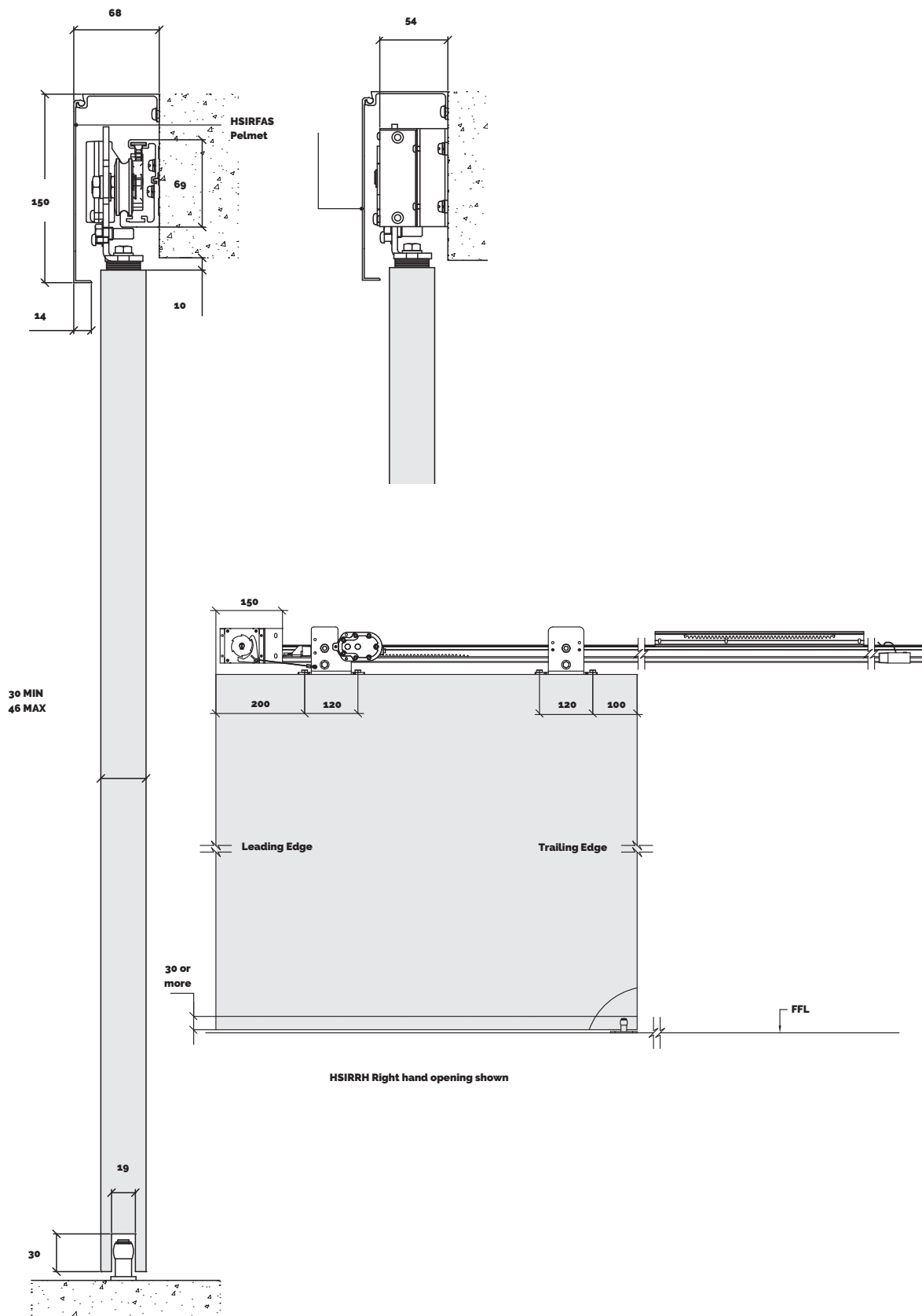
DOOR SPECIFICATION	
Track System	Sirocco
For Individual Doors:	
Max Door Weight	80kg
Min Door Width	800mm
Door Thickness	30-46mm
Max Door Width	1200mm

STANDARD SETS AND PACK	
Sets comprises of aluminium track (2200mm), hangers, hydraulic control unit, power spring unit, door stops, guides, roller, all screws and fitting instructions.	
Set No.	Application
HSIRRH	Right Hand Opening
HSIRLH	Left Hand Opening
HDELRH	Delayed Closing Timer – Right Hand
HDELLH	Delayed Closing Timer – Left Hand

SIROCCO SELF CLOSING SYSTEM

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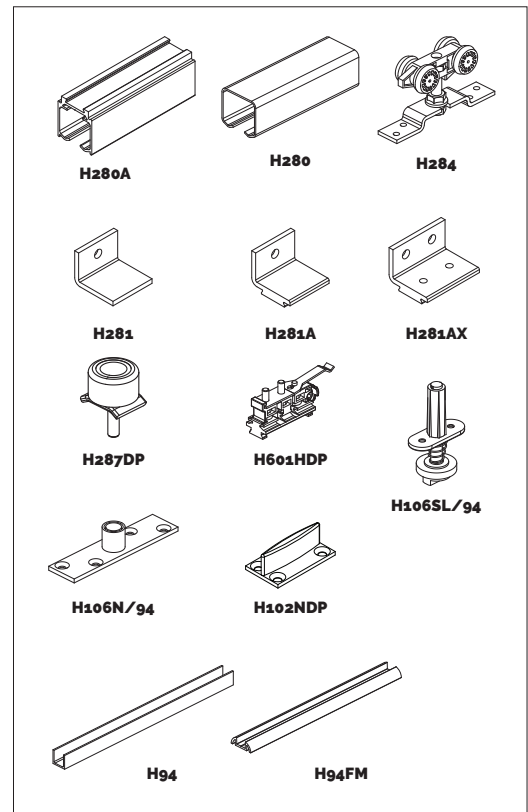
HUSKY100

HENDERSON

For sliding timber and metal doors. Max. 100kg.

APPLICATION

- Ideally suited for room dividers and wardrobe doors
- Quiet operation – galvanised steel or aluminium track with nylon rollers
- Suitable for timber, timber framed, composite or metal framed doors



HARDWARE SPECIFICATION

Track	H280	Steel (2000, 3000, 4000 & 6000mm lengths)
	H280A	Aluminium (2000, 3000, 4000 & 6000mm lengths) Soffit fix spacing 275mm centres (maximum)
Brackets	H281	Face fixed steel (for steel track)
	H281A	Face fixed aluminium (for aluminium track)
	H281AX	End and jointing bracket aluminium (for aluminium track) Spacing 275mm centres (maximum)
Hangers (2 per door)*	H284	Nylon bodied, needle roller bearings 4-wheel hangers (Husky 100)
* Each panel must be rigid enough to be supported by only two hangers		
Clip Stop	H601HDP	Adjustable retaining stop
Track Stop	H287DP	Rubber buffer stop
Guides	H102NDP	Nylon saw cut guide
	H106N/94	Roller guide. Steel plate with nylon roller
	H106SL/94	Spring loaded guide (suits H81X channel & H94FM channel)
Channels	H94FM	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Fascia	HF134/#	Fascia for soffit fixed applications for doors up to 50mm thick
	HF134/ECP	Fascia end clip pack
	HF138/#	Fascia for soffit fixed applications for doors up to 25mm thick
	HF138/ECP	Fascia end clip pack
	HF140/#	Fascia for face fixed applications for doors up to 50mm thick (includes end caps)
Note: Replace # with 2000, 3000, 4000 & 6000*mm lengths. *HF140 only		

DOOR SPECIFICATION

Track System	Husky 100
For Individual Doors:	
Max Door Weight	100kg
Max Door Width	1250mm*
Door Thickness	20-50mm
Max Door Height	2400mm
* Max door width using Husky sets. Wider doors can be accommodated by ordering track and door components separately.	

STANDARD SETS AND PACK

Sets comprise of aluminium or steel track, 2x hangers, 1x clip stop, 1x track stop, 1x saw cut guide, face fix brackets, all screws & fitting instructions.

Steel	Aluminium	Track Length	Hardware for
H100/15	H100/15A	1500mm	1 door
H100/18	H100/18A	1800mm	1 door
H100/20	H100/20A	2000mm	1 door
H100/24	H100/24A	2400mm	1 door
Pack No.	Application		
H100	Single door fittings pack 100kg.		

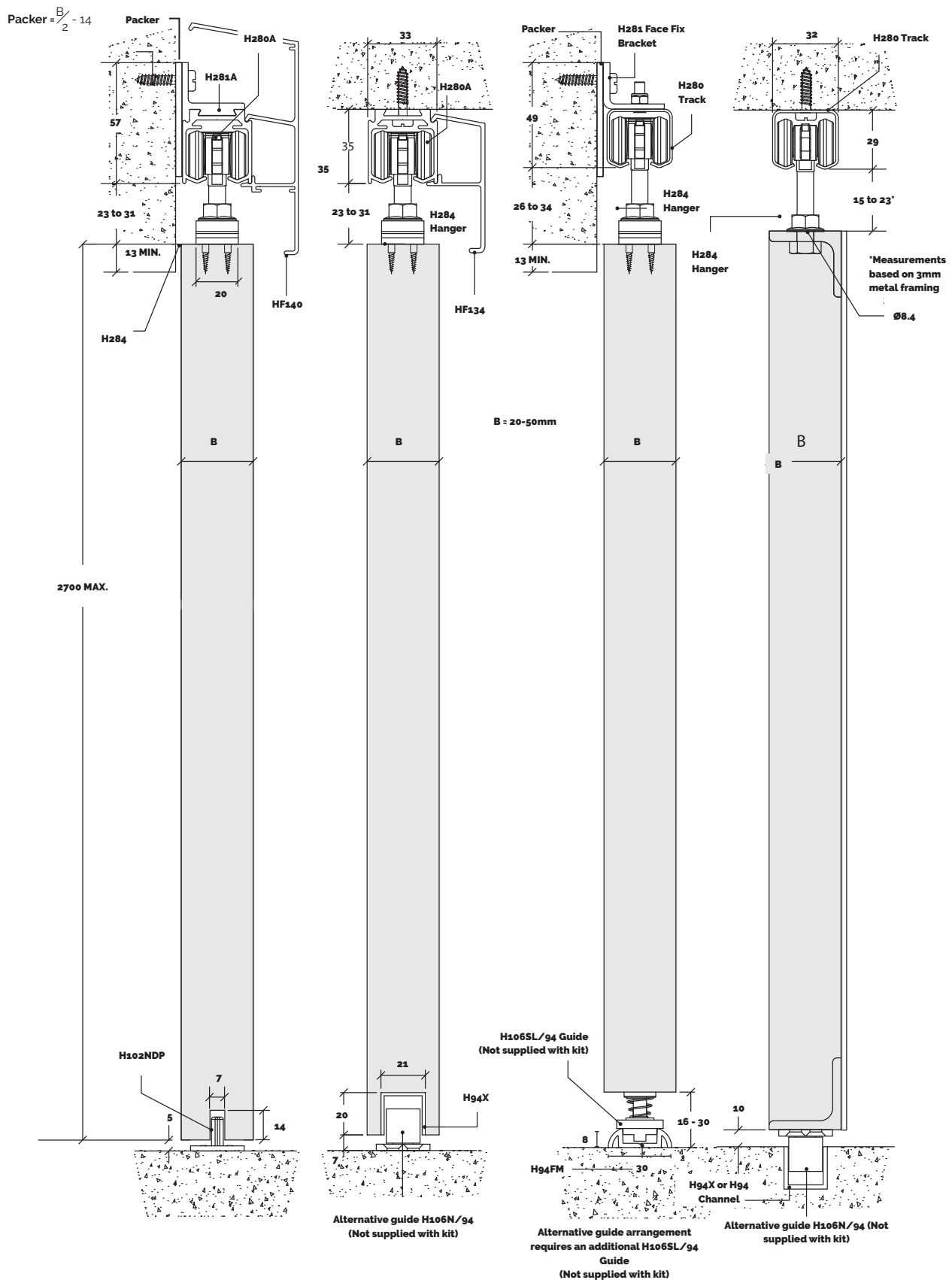
HUSKY100

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HENDERSON

Aluminium Track

Steel Track



HUSKY120 PRO

HENDERSON

**For sliding timber and metal doors.
Max. 120kg.**

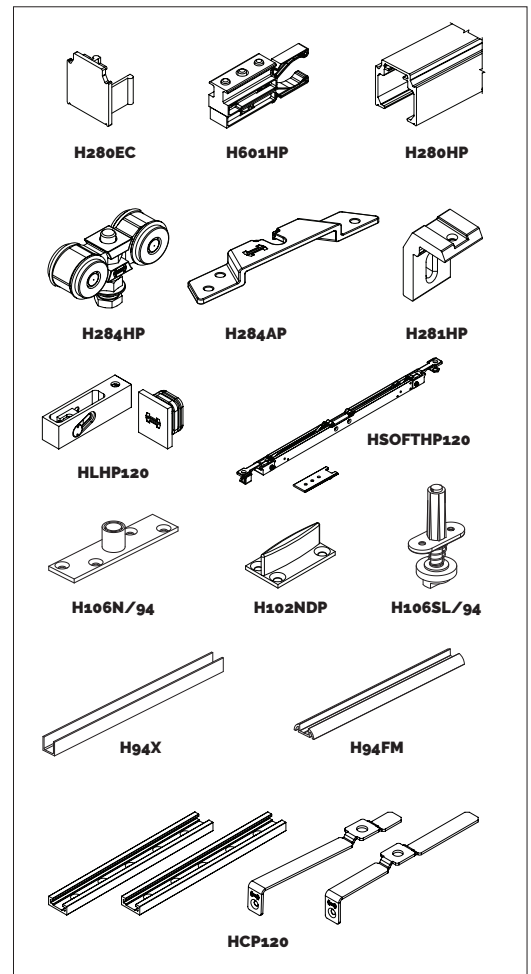
APPLICATION

- Ideally suited for room dividers
- The system has quiet operation and low initial friction
 - aluminium track with nylon rollers
- Suitable for timber, timber framed, composite or metal framed doors
- Soft close and low headroom options



HARDWARE SPECIFICATION

Track	H280HPEC	Track end caps
	H280HP	Aluminium (2000, 3000, 4000 & 6000mm lengths) Soffit fix spacing 485mm centres (maximum)
Brackets	H281HP	Face fixed (SINGLE), spacing 485mm centres max
Hangers (2 per door)*	H284HP	Nylon bodied, acetal wheel hangers (does not come with mounting plate)
	H284AP	Mounting plate, zinc plated steel
* Each panel must be rigid enough to be supported by only two hangers		
Clip Stop	H601HP	Adjustable retaining stop
Guides	H102NDP	Nylon saw cut guide
	H106N/94	Roller guide. Steel plate with nylon roller
	H106SL/94	Spring loaded guide (suits H81X channel & H94FM channel)
Channels	H94FM	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Fascia	HF134/#	Fascia for soffit fixed applications for doors up to 50mm thick
	HF134/ECP	Fascia end clip pack
	HF138/#	Fascia for soffit fixed applications for doors up to 25mm thick
	HF138/ECP	Fascia end clip pack
	Note: Replace # with 2000, 3000, 4000 & 6000*mm lengths. *HF140 only	



DOOR SPECIFICATION

Track System	Husky 120 Pro
For Individual Doors:	
Max Door Weight	120kg
Door Thickness	20-50mm
Max Door Height	2700mm

STANDARD PACK

Pack No.	Application
HP120	Single door fittings pack 120kg. Pack comprises of 2 x hangers, 2 x clip stop, 1 x saw cut guide, all screws & fitting instructions.

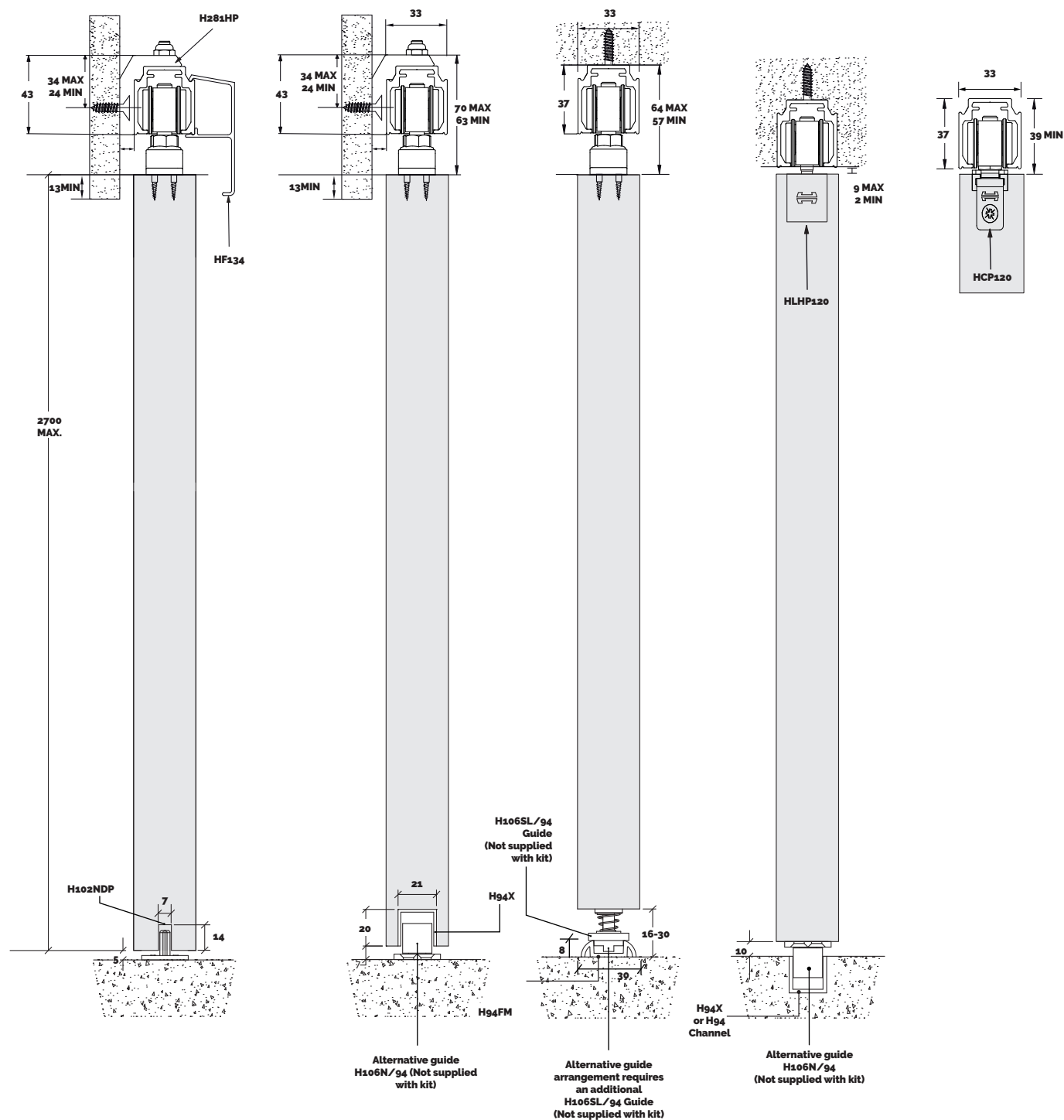
ADD ON KITS

Pack No.	Application
HSOFTHP120	<ul style="list-style-type: none"> • Add on soft close kit (dual action). • Requires HP120 kit. • Door wider than 950mm will also require an additional H284HP Hanger
HLHP120	Add on low head room kit (single door)
HCP120	Compact Low Headroom Kit. Pack comprises of 2 x apron housing, 2 x apron slide (for use with clip stop), 2 x apron slide (for use with soft close)

HUSKY120 PRO

HENDERSON

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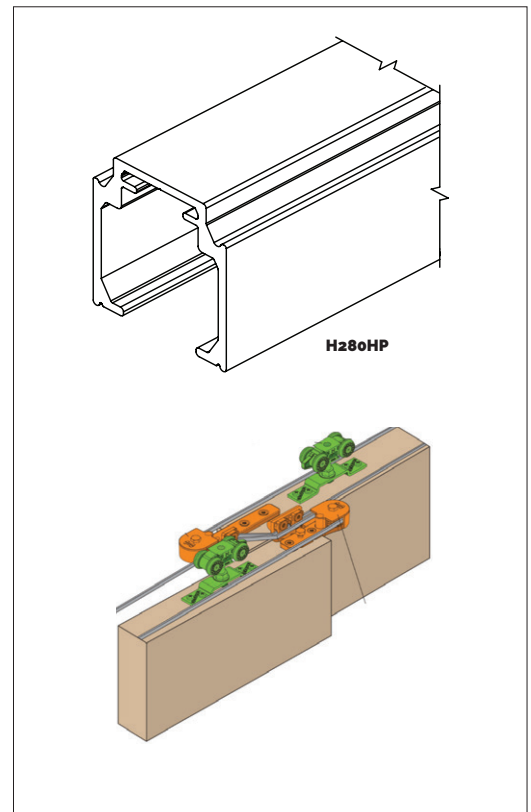
HUSKY PRO TELESCOPIC

HENDERSON

**For sliding timber and metal doors.
Max. 120kg.**

APPLICATION

- All doors connected to Husky Pro telescopic system will traverse simultaneously
- The door leaves are linked together via toothed belt and pulley system
- The telescopic HTELHP120/2 & HTELHP120/3 allow 2 & 3 door leaves to be concealed on the same side of the opening, maximising the opening and reducing the wall space required
- *The HTELHP120/4SIM allows 2 leaves on either side of the opening
- The telescopic system is non-handed
- The system incorporates a covert ghost guide which keeps the walkway clear and free from trip hazards



HARDWARE SPECIFICATION		
HTELHP120/2 2 DOOR KIT (contains)	HTELHP120/3 3 DOOR KIT (contains)	HTELHP120/4SIM 4 DOOR SIM KIT (contains)
4 x Hangers (H284/HP)	6 x Hangers (H284/HP)	8 x Hangers (H284/HP)
2 x Track Stop (601HP)	2 x Track Stop (601HP)	2 x Track Stop (601HP)
1 x Short Arm	2 x Short Arm	2 x HH Stop Blocks
1 x Door mounted belt fixing bracket	2 x Door mounted belt fixing bracket	2 x Short arms
1 x Length of toothed belt	2 x Length of toothed belt	4 x Door mounted belt fixing bracket
1 x Following door guide	2 x Following door guide	16 meters x Toothed Belt
1 x Fixed base floor guide	1 x Fixed base floor guide	2 x Follower guides
1 x Long Arm	2 x Long Arm	2 x Long arms
1 x Wall mounted belt fixing	1 x Wall mounted belt fixing	2 x Wall mounted Belt fixing
	1 x Second door bracket	
Required extras		
H280HP Track: Track, Anodised Aluminium (2,3,4,6mtr lengths) Soffit fix spacing 600mm centres (maximum)		

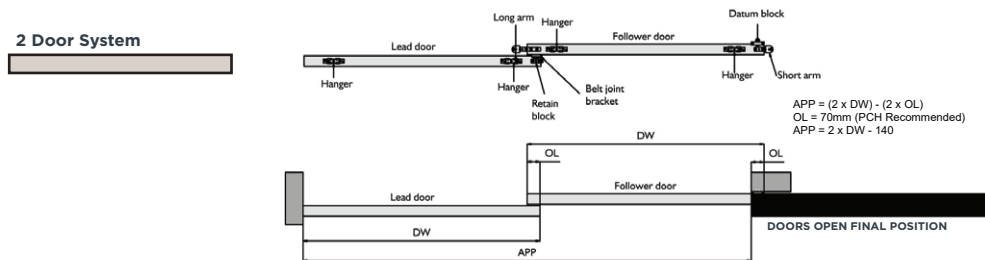
DOOR SPECIFICATION	
Track System	Husky Pro
Max Door Weight	120kg
Min Door Width	500mm
Max Door Width	1200mm
Door Thickness	32-47mm

HUSKY PRO TELESCOPIC

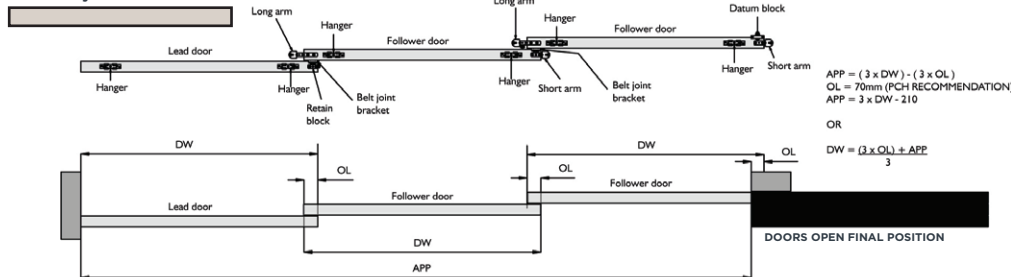
HENDERSON

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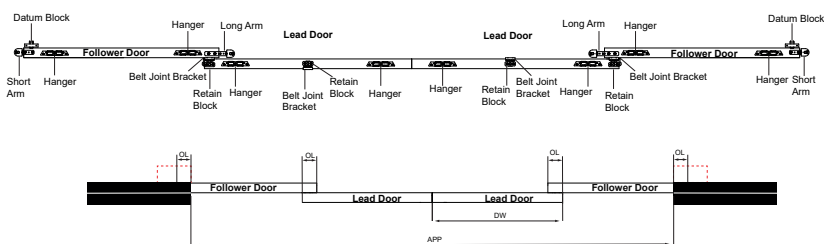
2 Door System



3 Door System



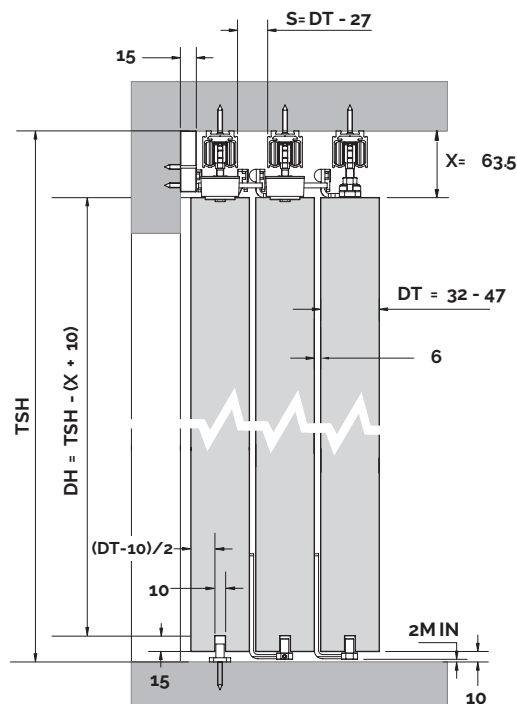
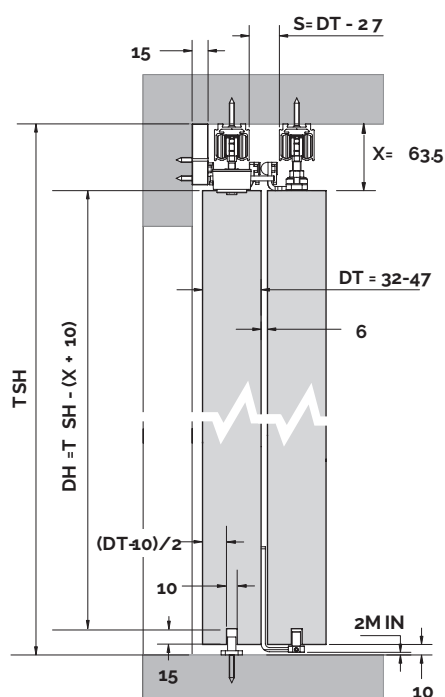
4 Door System



$$DW = \frac{(4 \times OL) + APP}{4}$$

PCH Recommend OL = 70mm

Key:
 DW = Door Width
 OL = Overlap of Doors
 App = Maximum Clear Opening Width



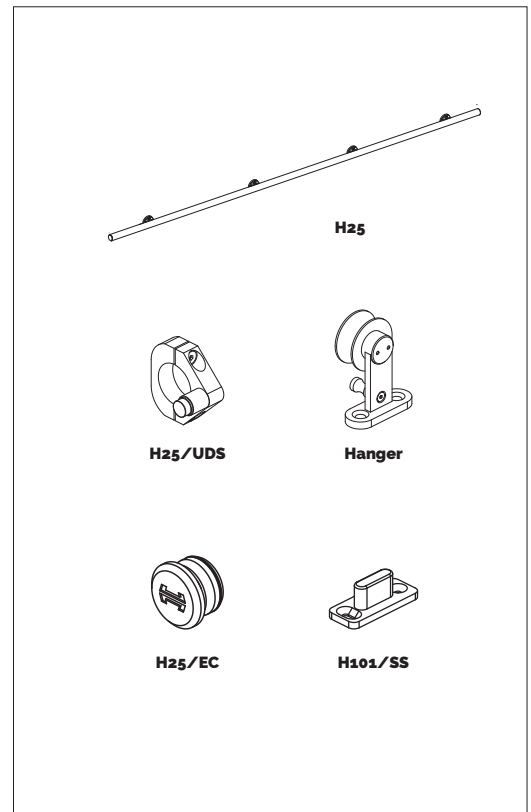
SIENNA

HENDERSON

For sliding timber doors. Max. 120kg

APPLICATION

- Elegant timber door system that creates a minimalist look
- 120kg system designed for doors 30-70mm thickness
- Rollers are engineered to run effortlessly along a brushed stainless steel track
- Stops are positioned to run on the track to limit door travel
- High quality stainless steel hangers and brackets



HARDWARE SPECIFICATION

Track	H25T	Stainless Steel (2000, 2500, 3000, 3500, 4000 & 5000mm lengths) Ø25mm tubular track, drilled and pre-assembled with correct number of brackets
Track Stop (2 per door)	H25/UDS	
Guides	H101/SS	Floor guide
End Cap	H25/EC	End cap for track

DOOR SPECIFICATION

Track System	Sienna
For Individual Doors:	
Max Door Weight	120kg
Min Door Width	700mm
Door Thickness	30-70mm
Max Door Height	2500mm

STANDARD SETS AND PACK

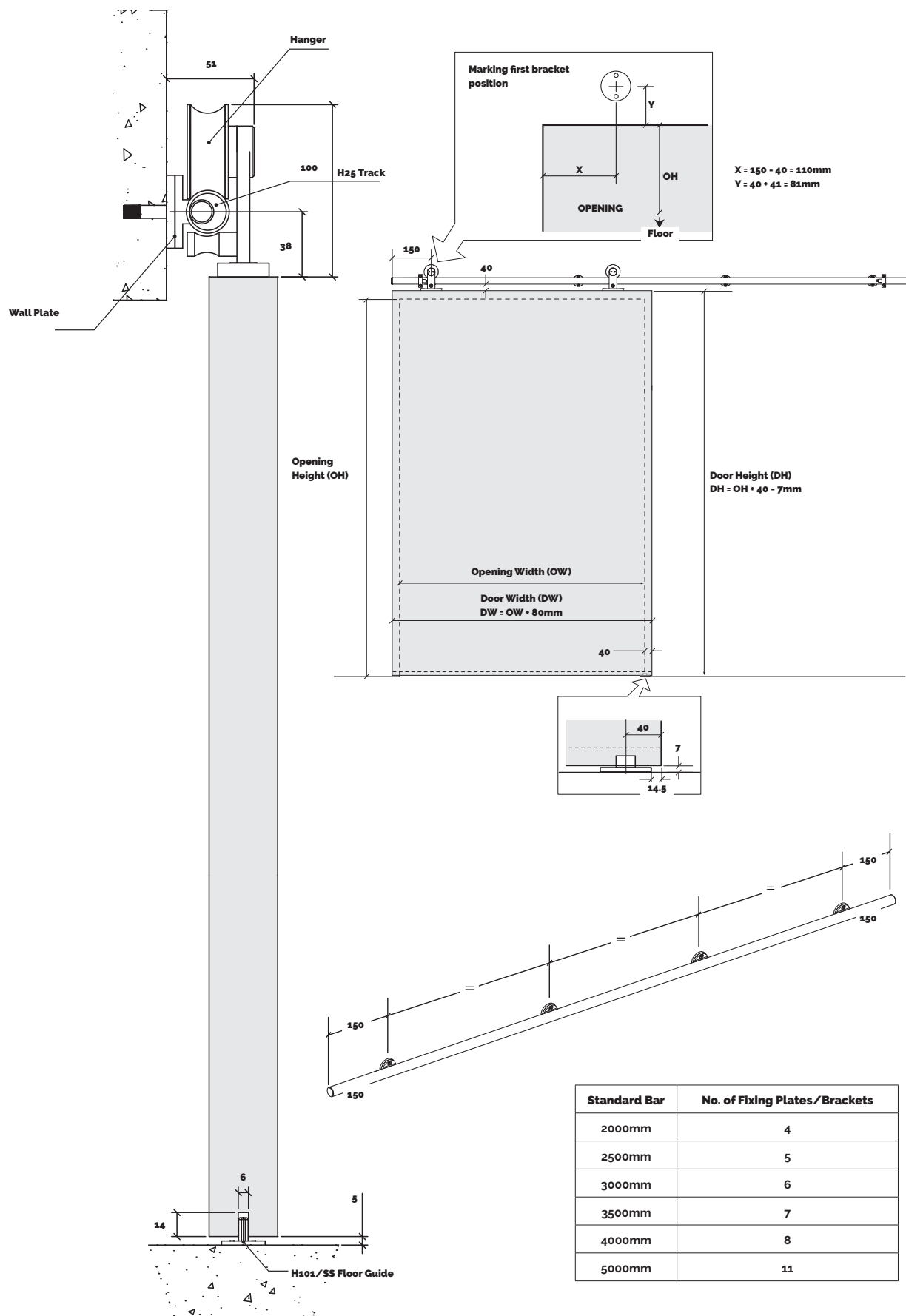
Sets comprise of 2 hangers, 2 left & right door stops, one guide & 2 bar end caps

Pack No.	Application
HSN120T	1 door

SIENNA

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SOLTAIRE 120

HENDERSON

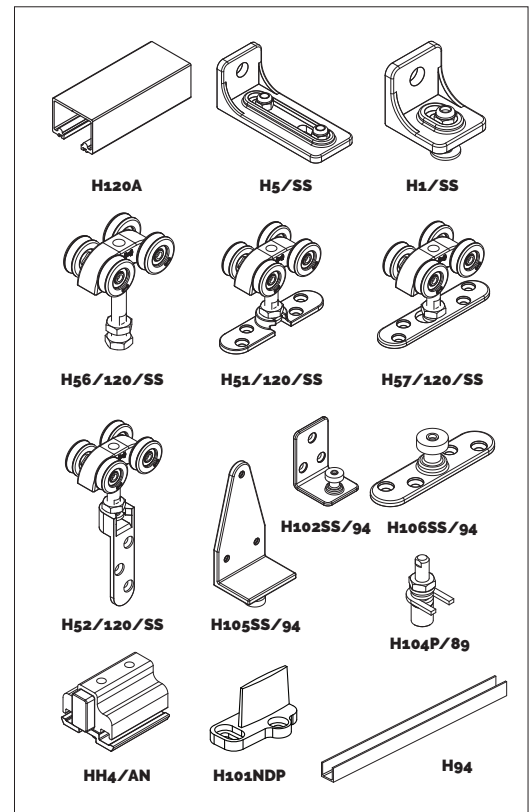
For top hung sliding doors. Max 120kg each.

APPLICATION

- Manufactured from high grade 316 stainless steel with anodised aluminium track
- This reliable system is extremely durable and ideal for coastal applications, heavy use or areas requiring a high level of corrosion resistance
- Designed for interior and exterior doors up to 120kg
- Ideal for residential or commercial applications
- Designed to accommodate single or multiple panels on one or more tracks
- Hangers available for MDF, timber or metal doors
- The track can be soffit fixed or face fixed to give flexibility of installation
- Optional telescopic kit links passing panels allowing them to traverse simultaneously

HARDWARE SPECIFICATION

Track	H120N	Track no brush, Anodised Aluminium (2, 3, 4, 6mtr lengths)
	H120A	Track for brush strip anodised Aluminium (2, 3, 4, 6mtr lengths). Soffit fix spacing 600mm centres (maximum)
Brush Strips	HBS10, HBS15	Available in black in 4 brush heights, by the metre
	HBS20, HBS25	
Brackets	H1/SS	Face fixed stainless steel
	H5/SS	Double run face fixed stainless steel. Starting 20mm from end of track fix at 600mm maximum centres.
Hangers (2 per door)*	H51/120/SS	Timber Doors – top fix – surface mounted
	H52/120/SS	MDF Doors – face fixing
	H56/120/SS	Metal Doors – angle frame fixing
	H57/120/SS	Timber Doors – concealed plate fixing
* Each panel must be rigid enough to be supported by only two hangers		
Track Stop	HH4/AN	Anodised aluminium with rubber buffer
Guides	H101NDP	Nylon saw cut guide
	H102SS/94	Timber doors - wall mounted and multiple run guide
	H104P/89	Metal door - angle frame (Zinc plated steel, Brass Roller)
	H104PX/89	Metal door - box section (Zinc plated steel, Brass Roller)
	H105SS/94	Timber doors - face mounted guide
	H106SS/94	Timber doors - concealed fixing with SS bearing
Channels	H89SS	Stainless steel (2000 & 3000mm length)
	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Interlocking Seal	H59BZ/4800	Bronze anodised (4800mm to suit typical 2400mm door height)
	H59CA/4800	Clear anodised (4800mm to suit typical 2400mm door height) Drilled and countersunk. Includes brush seal.



DOOR SPECIFICATION

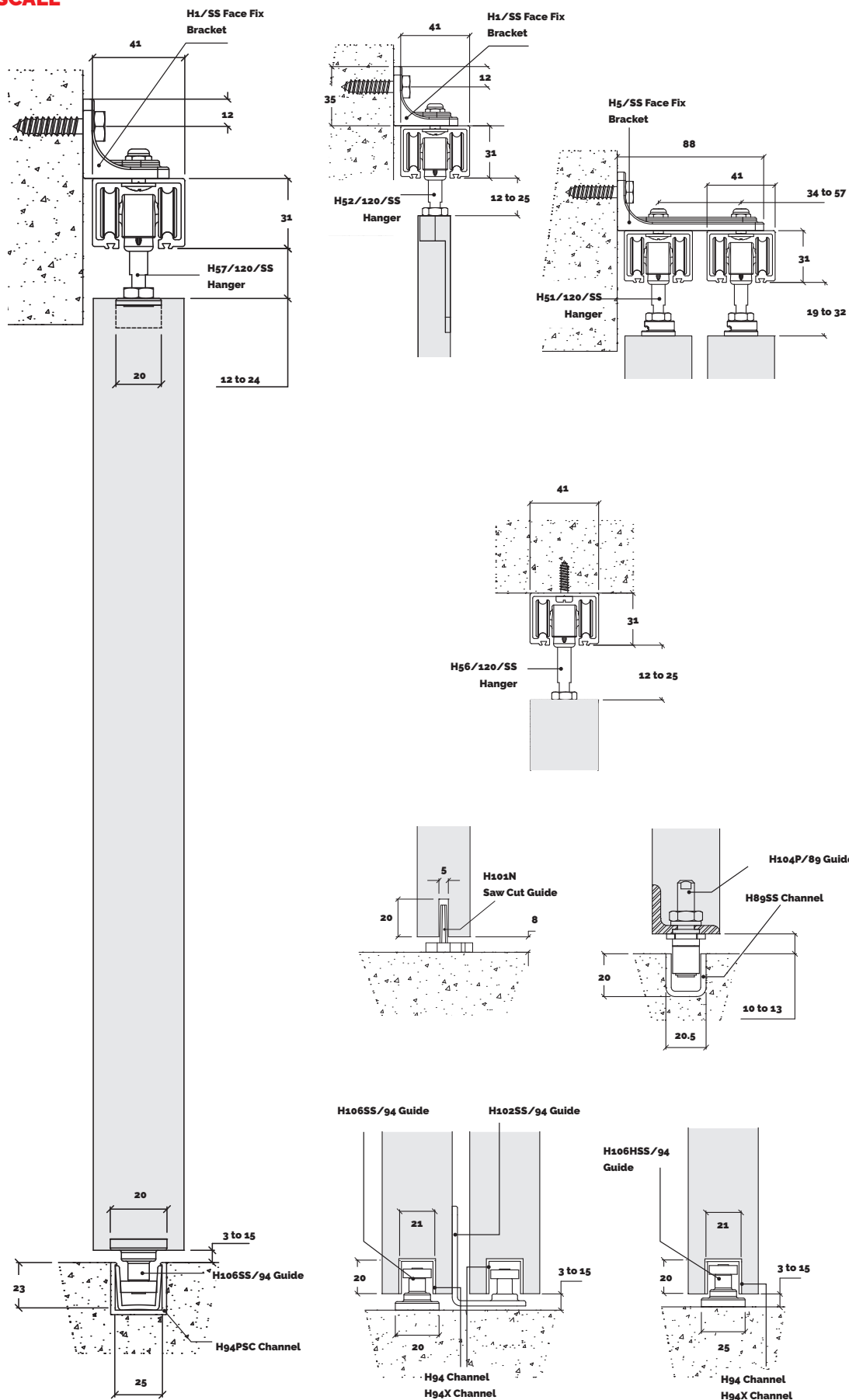
Track System	Soltaire120
For Individual Doors:	
Max Door Weight	120kg
Door Thickness	19-48mm*
Max Panel Height	3000mm
*Max door thickness only applies to some face fix bracket options.	



SOLTAIRE 120

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NOT TO SCALE**

HENDERSON



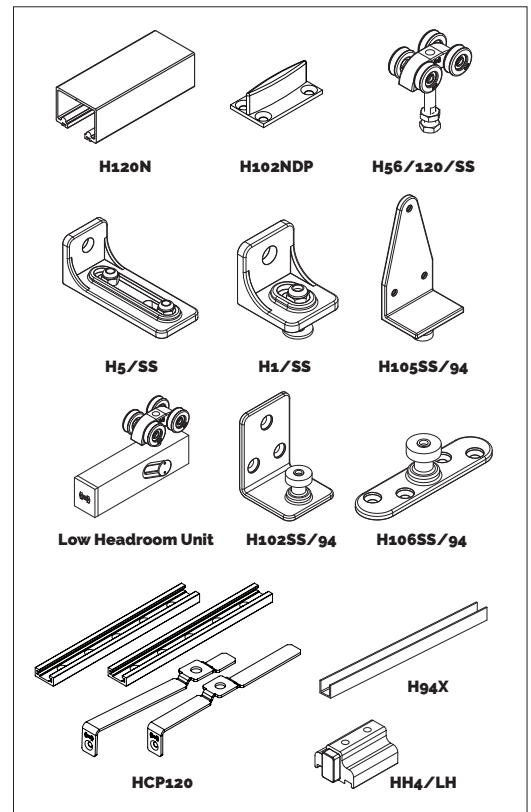
SOLTAIRE LOW HEADROOM 120

HENDERSON

For timber top hung sliding doors. Max 120kg.

APPLICATION

- Designed to create a modern minimalist finish with all parts concealed
- Can reduce the clearance between the track and the top of the door to 2mm
- Vertically adjustable sliding door kit for low or restricted headroom applications
- Used to maximise door height
- Engineered for easy installation and adjustment
- Designed to accommodate single or multiple panels on one or more tracks



HARDWARE SPECIFICATION

Track	H120N	Track no brush strip, anodised aluminium (2000, 3000, 4000 & 6000mm lengths)
	H120	Track for brush strip anodised aluminium (2000, 3000, 4000 & 6000mm lengths). Soffit fix spacing 600mm centres (maximum)
Brackets	H1/SS	Face fixed stainless steel
	H5/SS/120	Double face fixed stainless steel
		Starting 20mm from end of track fix at 600mm centres (maximum)
Hanger	H56/120/SS	For use with HCP120 kit
Stop	HH4/LH	For use with HCP120 kit
Guides	H102NDP	Nylon saw cut guide
	H102SS/94	Timber doors - wall mounted and multiple run guide
	H105SS/94	Timber doors - face mounted guide
	H106SS/94	Timber doors - concealed fixing with SS bearing
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Interlocking Seal	H59BZ/4800	Bronze anodised (4800mm to suit typical 2400mm door height)
	H59CA/4800	Clear anodised aluminium (4800mm to suit typical 2400mm door height)
		Drilled and countersunk. Includes brush seal.

DOOR SPECIFICATION

Track System	Low Headroom 120
For Individual Doors:	
Max Door Weight	120kg
Door Thickness	35-48mm*
Max Door Height	2700mm
*Max door thickness only applies to some face fix bracket options.	

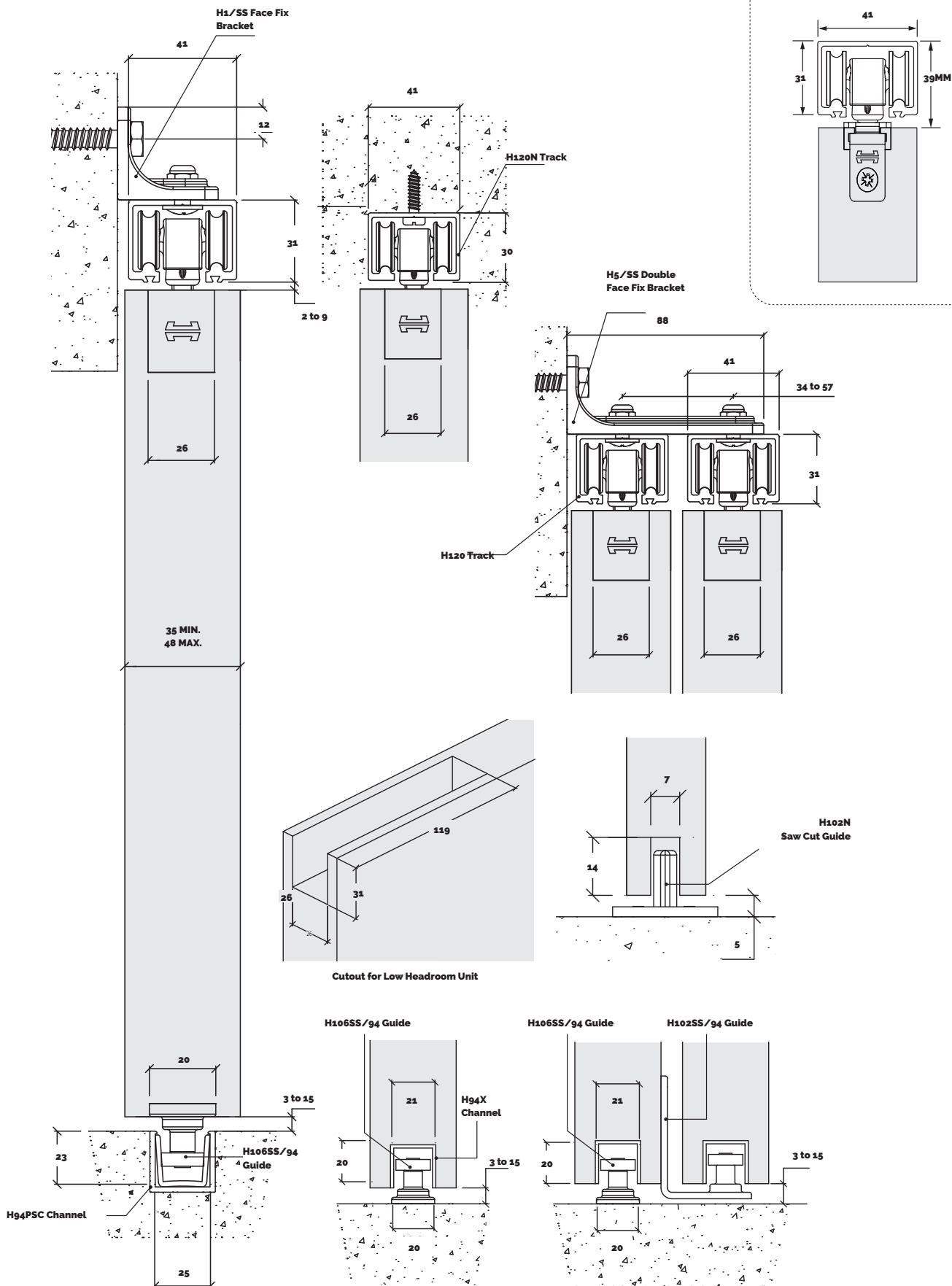
STANDARD SETS AND PACK

Pack No.	Application
HLH120	1 door pack. Pack comprises of 2x Low Headroom units, 2x end caps, 2x track stops, all screws and fitting instructions.
HCP120	Compact Low Headroom Kit. Pack comprises of 2 x apron housing, 2 x apron slide (for use with clip stop), 2 x apron slide (for use with soft close). This kit requires additional H56/120/SS hanger and _?_ stops.

SOLTAIRE LOW HEADROOM 120

HENDERSON

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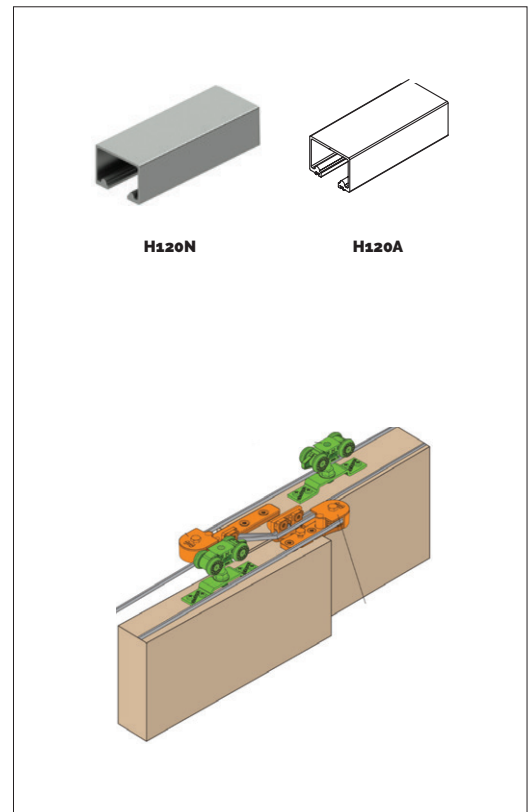


SOLTAIRE 120 TELESCOPIC

HENDERSON

APPLICATION

- All doors connected to universal telescopic systems will traverse simultaneously
- The door leaves are linked together via toothed belt and pulley system
- The Soltaire telescopic HTEL120/2 & HTEL120/3 allow 2 & 3 door leaves to be concealed on the same side of the opening, maximising the opening and reducing the wall space required
- The HTEL120/4SIM 4 door system allows 2 doors to open to both sides of the opening, allowing for open plan living
- The telescopic system is non-handed
- The system incorporates a coveted ghost guide which keeps the walkway clear and free from trip hazards



HARDWARE SPECIFICATION

HTEL120/2 2 Door Kit (contains)	HTEL120/3 3 Door kit (contains)
4 x Hangers (H51/120/SS)	6 x Hangers (H51/120/SS)
2 x Track Stop (HH4/SS)	2 x Track Stop (HH4/SS)
1 x Short bearing	2 x Short bearing
1 x Door mounted belt fixing bracket	2 x Door mounted belt fixing bracket
1 x Length of toothed belt	2 x Length of toothed belt
1 x Following door guide	2 x Following door guide
1 x Fixed base floor guide	1 x Fixed base floor guide
1 x Long bearing wheel assembly	2 x Long bearing wheel assembly
1 x Wall mounted belt fixing	1 x Wall mounted belt fixing
HTEL120/4SIM 4 Door Kit (contains)	
8 x Hangers (H51/120/SS)	
2 x Track Stop (HH4/SS)	
2 x Short bearing	
4 x Door mounted belt fixing bracket	
1 x Length of toothed belt	
2 x Following door guide	
2 x Fixed base floor guide	
2 x Long bearing wheel assembly	
2 x Wall mounted belt fixing	
Required extras	
H120N	Track no brush, Anodised Aluminium (2, 3, 4, 6mtr lengths)
H120A	Track for brush strip anodised Aluminium (2, 3, 4, 6mtr lengths) Soffit fix spacing 600mm centres (maximum)

DOOR SPECIFICATION

Track System	Soltaire Telescopic
Max Door Weight	120kg
Min Door Width	500mm
Max Door Width	1200mm
Door Thickness	32-47mm

SOLTAIR 120 TELESCOPIC

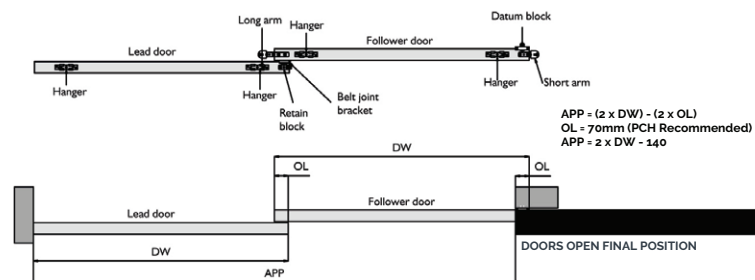
HENDERSON

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2 Door System

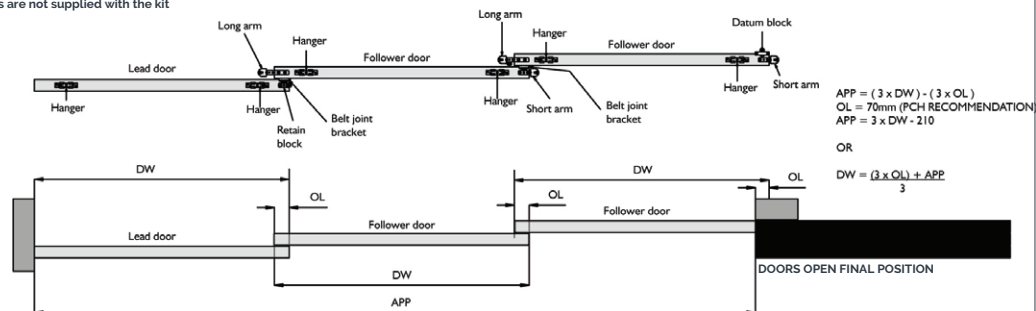
Hangers are not supplied with the kit

Key	
DT	Thickness
TSH	Track set height
DH	Door height
S	Gap required between tracks
OL	Overlap of doors (recommended 70mm)
APP	Max. clear opening width
X	PCH recommended top clearance (63.5mm)



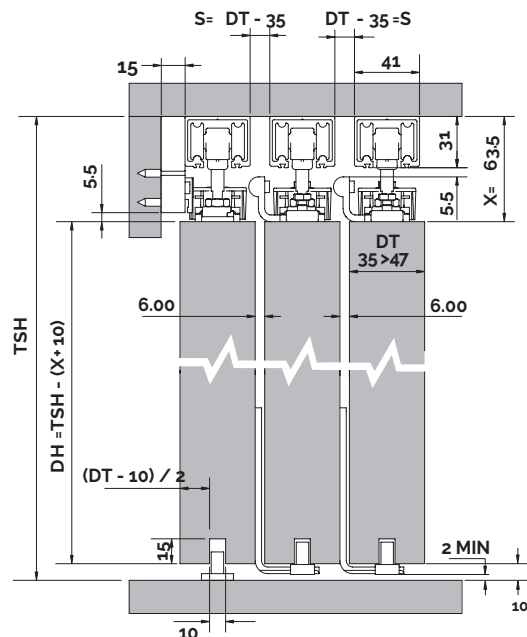
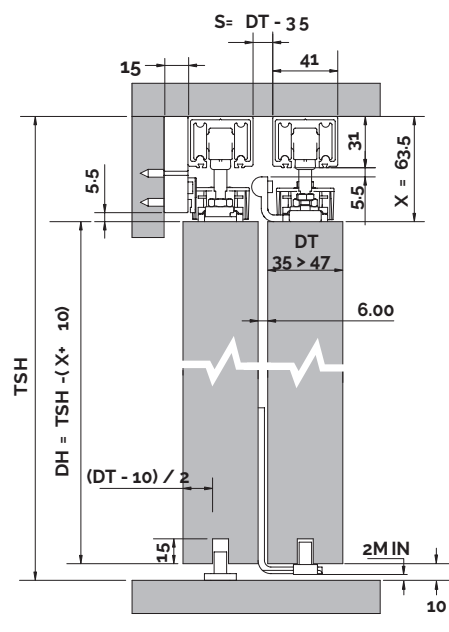
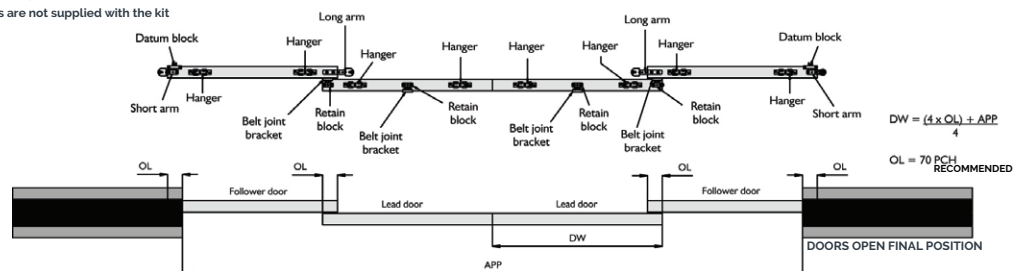
3 Door System

Hangers are not supplied with the kit



4 Door System

Hangers are not supplied with the kit



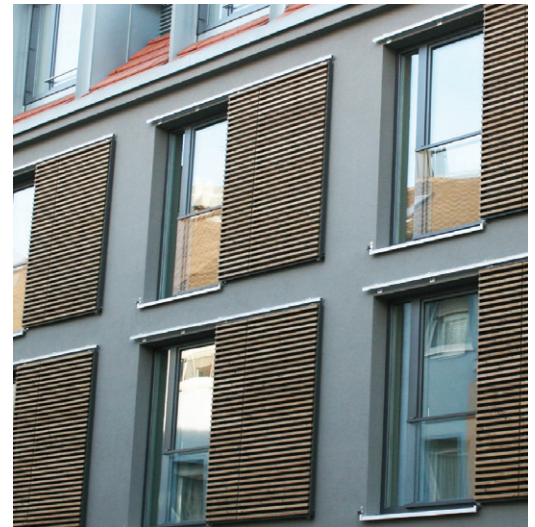
SHUTTER SLIDE

HENDERSON

Straight sliding hardware for the movement of manual and automatic louvre panels

APPLICATION

- For wooden and metal louvre panels weighing up to 120kg
- Single panel, simultaneous action or telescopic variants
- Manual or automatic operation
- Manufactured using marine grade 316 stainless steel, hard wearing polymers and anodised aluminium
- Highly corrosion resistant - ensuring a long lifespan
- Low voltage energy efficient motors in 24V or 230V variants
- System is rated to IP54 for water resistance



DOOR SPECIFICATION

Configuration	Min. Panel Width	Max. Panel Height	Panel Thickness Range	Max. System Width	Max. Panel Weight	
					Manual	Automated
Single Panel	400mm	3000mm	35-48mm	6000mm	120kg	120kg
Bi-Parting Panels (SIM Action)	400mm	3000mm	35-48mm	6000mm	120kg	60kg
Telescopic (2 panels)	400mm	3000mm	35-48mm	6000mm	120kg	80kg
Telescopic (3 panels)	400mm	3000mm	35-48mm	6000mm	120kg	60kg

For bespoke systems which do not meet the above criteria, please contact P C Henderson

HARDWARE SPECIFICATION

Component	Description	Single Run	Double Run	Triple Run
Track	Anodised aluminium track in 2000, 3000, 4000 & 6000mm	H120N/****	H120N/****	H120N/****
Hanger	Top fixed, surface mounted hanger for wooden and metal louvres	H51/120/SS	H51/120/SS	H51/120/SS
	Angle frame hanger for metal louvre doors	H56/120/SS	H56/120/SS	H56/120/SS
Wall Fixing Profile	Wall fixing profile in 2000, 3000, 4000, & 6000mm	HWP50T/****	HWP100T/****	HWP150T/****
Fascia and Endcaps	Fascia for wall fixing profile in 2000, 3000, 4000 & 6000mm	HWP50F/****	HWP100F/****	HWP150F/****
	Endcaps for fascia	HWP50/EC	HWP100/EC	HWP150/EC
Telescopic Set	Telescopic set for two or three panels	-	HE/TEL2	HE/TEL3
Channels	U profile channel with gasket in 2000, 3000, 4000 & 6000mm	HGSSUR/****	HGSSUR/****	HGSSUR/****
	U profile channel with L channel and gasket in 2000, 3000, 4000 & 6000mm	HGSSULR/****	HGSSULR/****	HGSSULR/****
Fixing Plates	L plate available in 40, 60 and 100mm lengths	HGSS/MK**	HGSS/MK**	HGSS/MK**
	Offset angle plate - left hand - 100mm length (can be cut down to length)	HGSS/LH	HGSS/LH	HGSS/LH
	Offset angle plate - right hand - 100mm length (can be cut down to length)	HGSS/RH	HGSS/RH	HGSS/RH
Guides	Guide to be used with GSS/MK L plate - wide base (10mm depth)	HGSS/SBK10	HGSS/SBK10	HGSS/SBK10
	Guide to be used with GSS/MK L plate - narrow base (10mm depth)	HGSS/SSK10	HGSS/SSK10	HGSS/SSK10
	Black nylon guide, can be floor mounted or panel mounted (4mm depth)	HGSS/SL	HGSS/SL	HGSS/SL
Stop	Track stop - anodised aluminium	HHH4/AN	HHH4/AN	HHH4/AN
Motor (Can carry Cup to 3 shutters in one direction)	24V motor with two wall mounted control panels	HE120/24V	HE120/24V	HE120/24V
	230V motor - control panel built within motor	HE120/230V	HE120/230V	HE120/230V
Belt, Clamp and Pulley (Must be specified when automation or SIM action is required)	Belt - 10mm (per metre, specify double the length of track, plus 1 metre)	HE/B10	HE/B10	HE/B10
	Clamp - 10mm	HE/CL10	HE/CL10	HE/CL10
	Pulley wheel	HE/PA10	HE/PA10	HE/PA10
Accessories	Remote control kit (for use with 24V motor only)	HE2/RCK	HE2/RCK	HE2/RCK

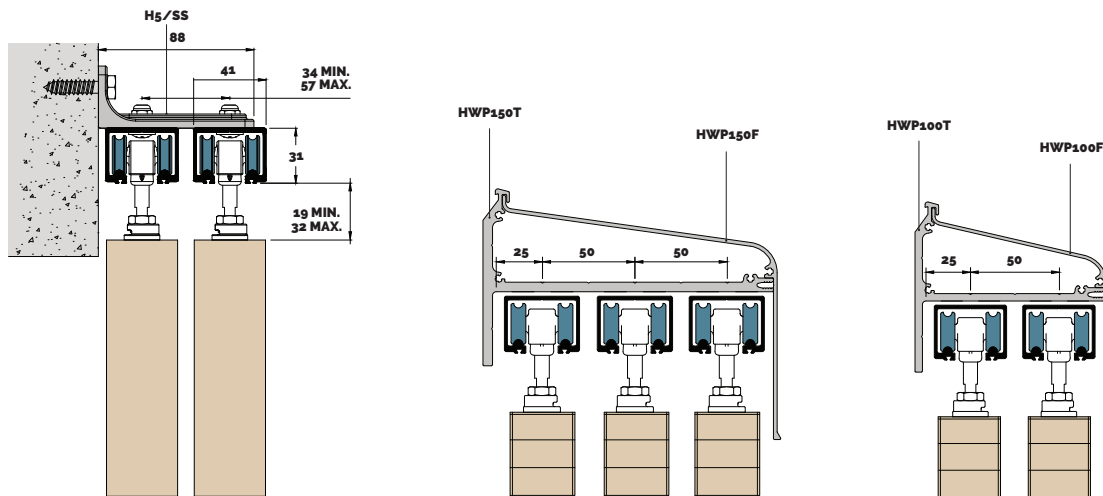
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SHUTTER SLIDE

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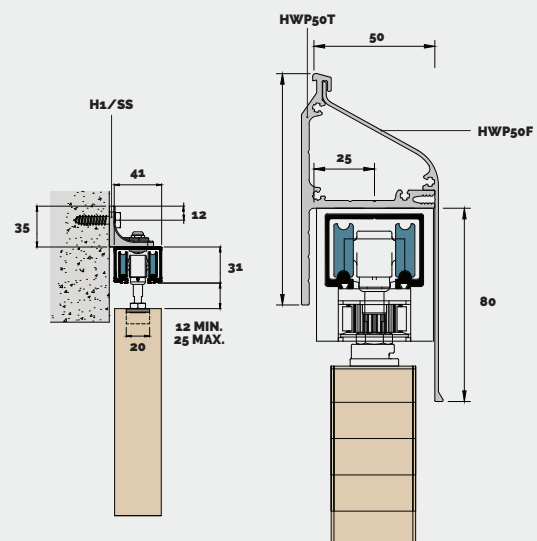
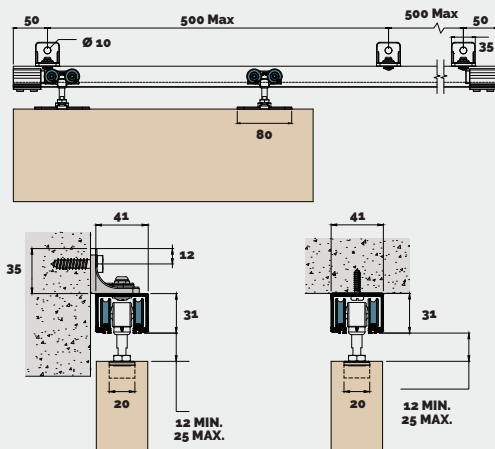
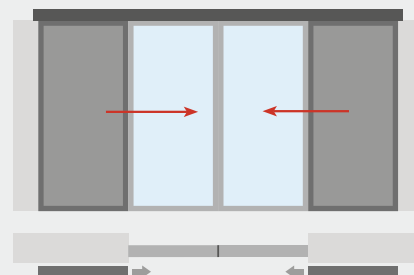
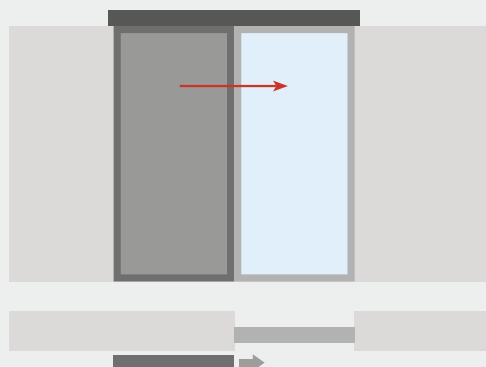
HENDERSON

1



Single Panel

Simultaneous Action Panel

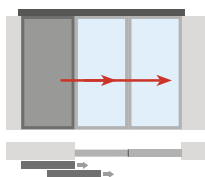


SHUTTER SLIDE

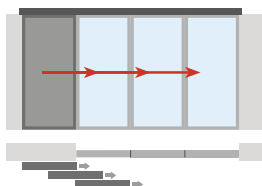
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2

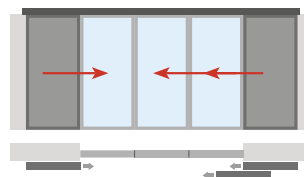
Telescopic (2 panels)



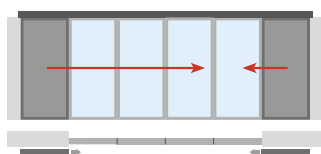
Telescopic (3 panels)



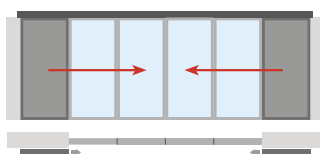
Telescopic (1+2 panels)



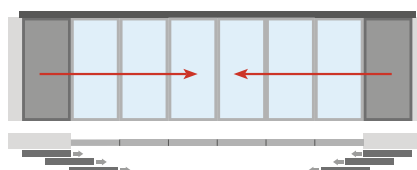
Telescopic (3+1 panels)



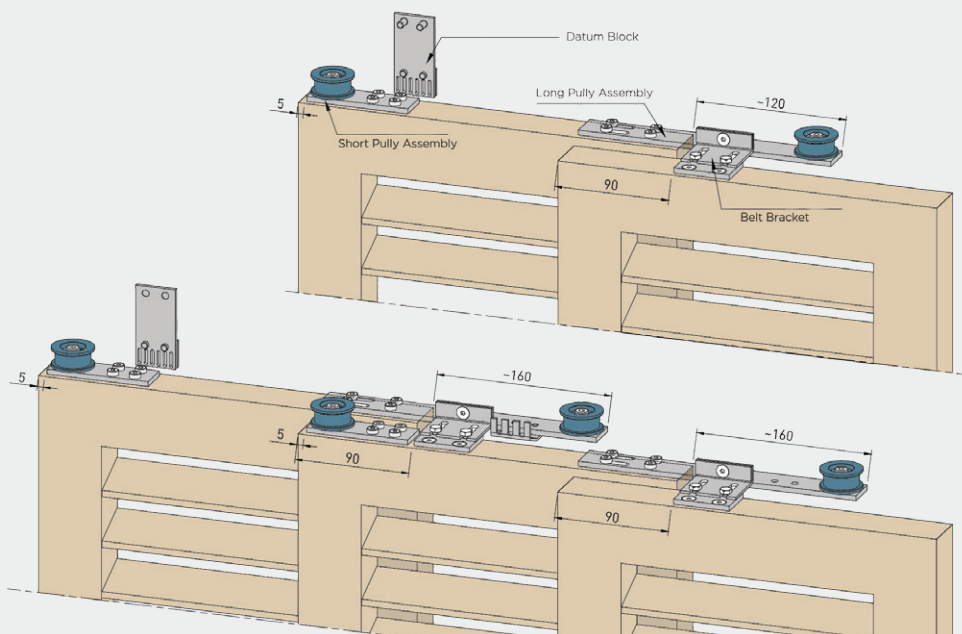
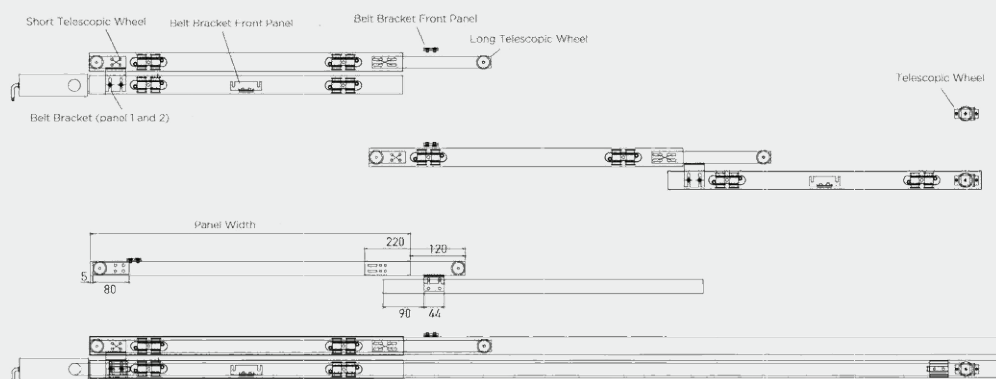
Telescopic (2+2 panels)



Telescopic (3+3 panels)



Telescopic Panel

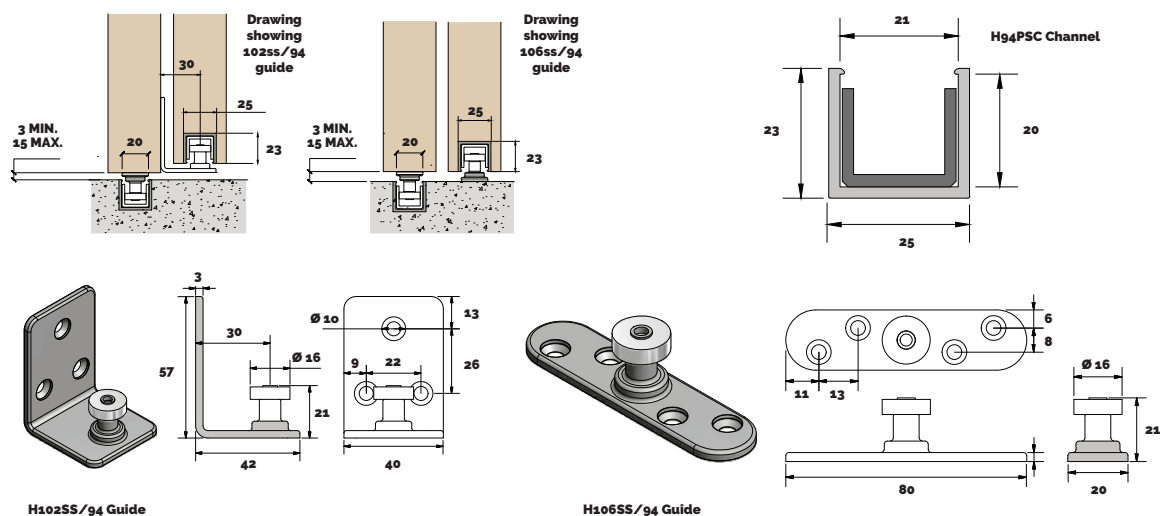


SHUTTER SLIDE

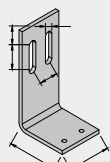
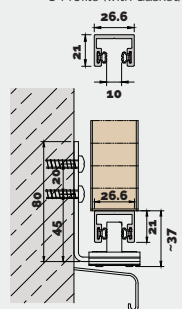
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HENDERSON

3

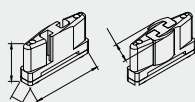
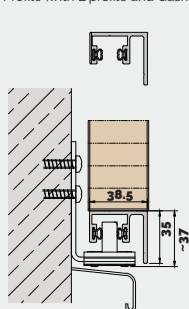


HGSS/U-R
U Profile (with Gasket)



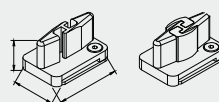
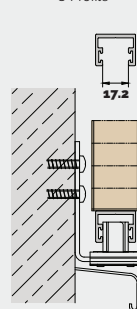
HGSS/MK
L Plate available in 40, 60 or 80mm lengths

HGSS/U-R
U Profile (with L profile and Gasket)



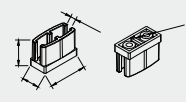
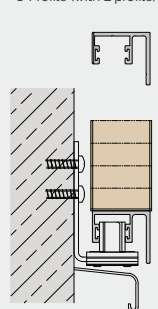
HGSS/SS-K
Guide (to be used with GSS/MK)

HGSS/U
U Profile

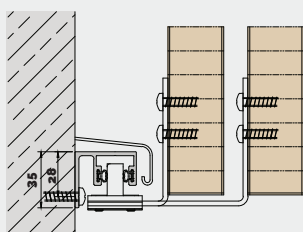
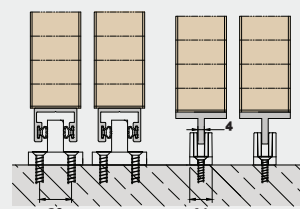
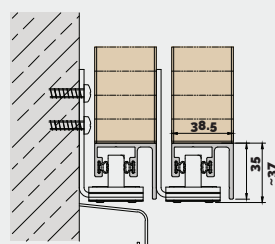
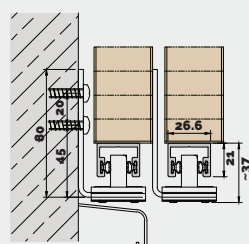


HGSS/SB-K
Guide (to be used with GSS/MK)

HGSS/UL
U Profile (with L profile)



HGSS/SB-K
Plastic U Guide (to be used with L profile or T profile)



SOLTAIRE 180

HENDERSON

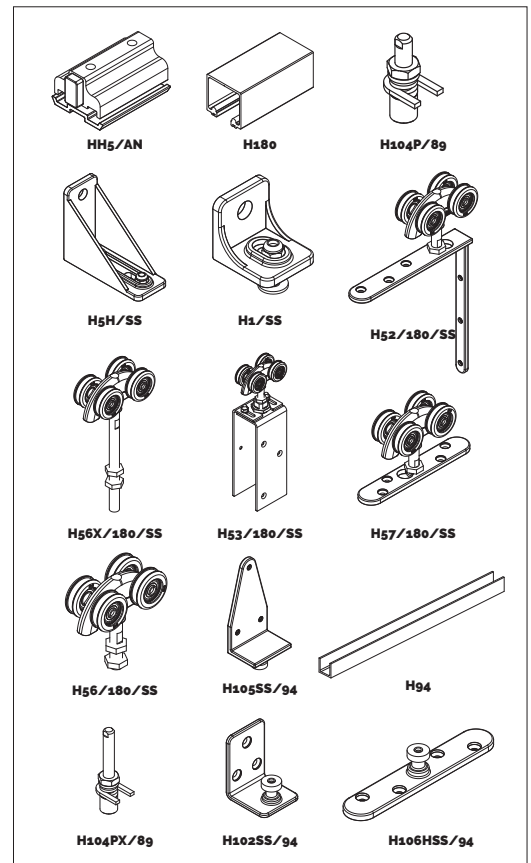
For top hung sliding doors. Max 180kg each

APPLICATION

- Manufactured from high grade 316 stainless steel with anodised aluminium track
- This reliable system is extremely durable and ideal for coastal applications, heavy use or areas requiring a high level of corrosion resistance
- Designed for interior and exterior doors up to 180kg
- Ideal for residential or commercial applications
- Designed to accommodate single or multiple panels on one or more tracks
- Hangers available for timber or metal doors
- The track can be soffit fixed or face fixed to give flexibility of installation

HARDWARE SPECIFICATION

Track	H180A	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths)
		Soffit fix spacing 900mm centres (maximum)
Brush Strips	HBS10, HBS15, HBS20, HBS25	Available in black in 4 brush heights, by the metre (mm)
Brackets	H1/SS	Face fixed stainless steel
	H5H/SS	Double run face fixed stainless steel
Hangers (2 per door)*	H52/180/SS	Timber doors – angle plate fixing
	H53/180/SS	Timber doors – saddle plate fixing
	H56/180/SS	Metal doors – angle frame fixing
	H56X/180/SS	Metal doors – box frame fixing
	H57/180/SS	Timber doors – concealed plate fixing
	H57/180/SS	Metal doors – concealed plate fixing
* Each panel must be rigid enough to be supported by only two hangers		
Track Stop	HH5/AN	Anodised aluminium with rubber buffer
Guides	H102SS/94	Timber doors - wall mounted and multiple run guide
	H104PX/89	Metal door - box section (Zinc plated Steel, Brass Roller)
	H104P/89	Metal door - angle frame (Zinc plated Steel, Brass Roller)
	H105SS/94	Timber doors - face mounted guide
	H106HSS/94	Timber doors - concealed fixing with SS bearing
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H89SS	Stainless steel (2000 & 3000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Interlocking Seal	H59BZ/4800	Bronze anodised (4800mm to suit typical 2400mm door height)
	H59CA/4800	Clear anodised aluminium (4800mm to suit typical 2400mm door height) Drilled and countersunk. Includes brush seal.



DOOR SPECIFICATION

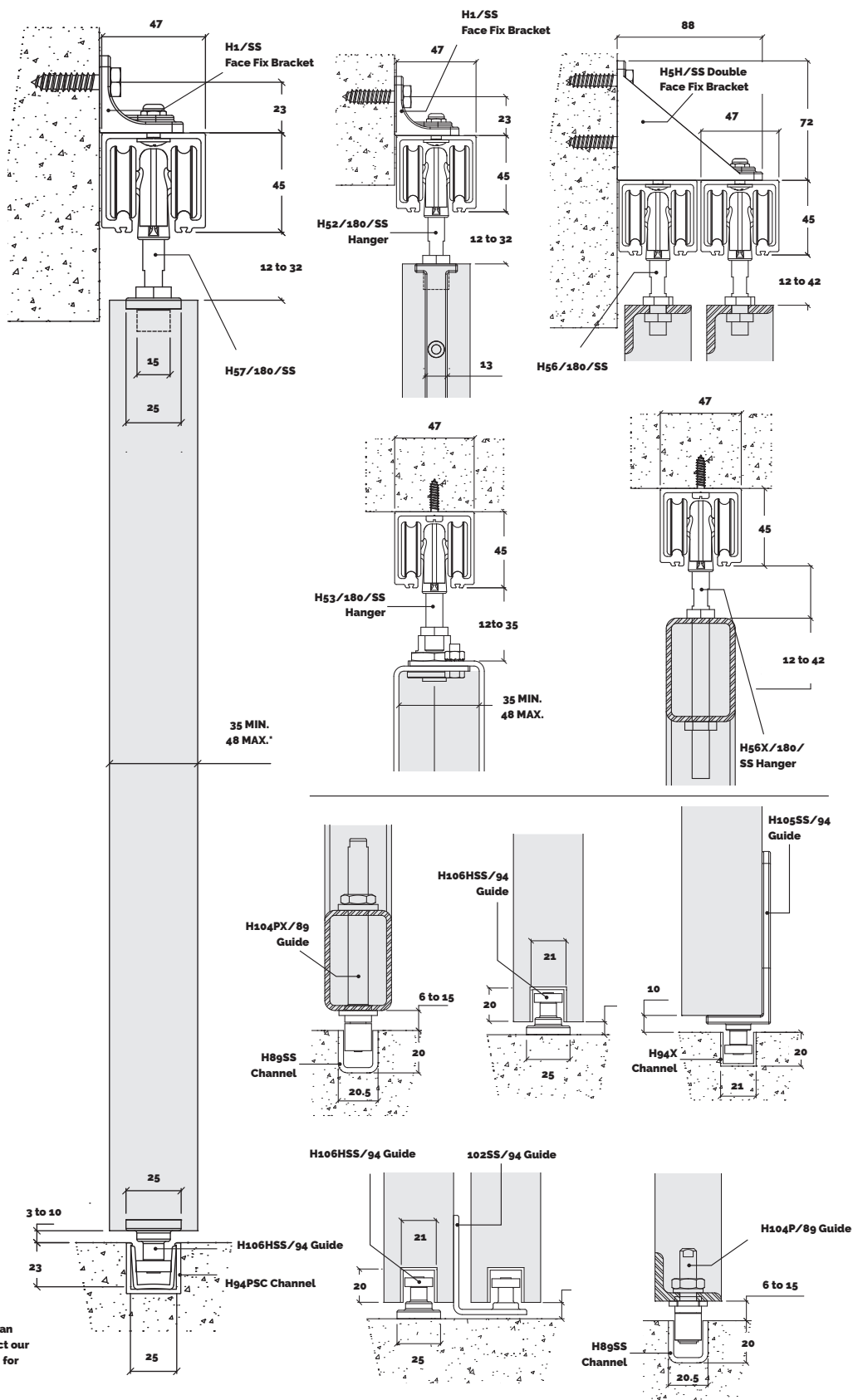
Track System	Soltaire 180
For Individual Doors:	
Max Door Weight	180kg
Door Thickness	35-48mm*
Max Panel Height	3000mm
*Max door thickness only applies to some face fix bracket and Hanger options.	



SOLTAIRE 180

HENDERSON

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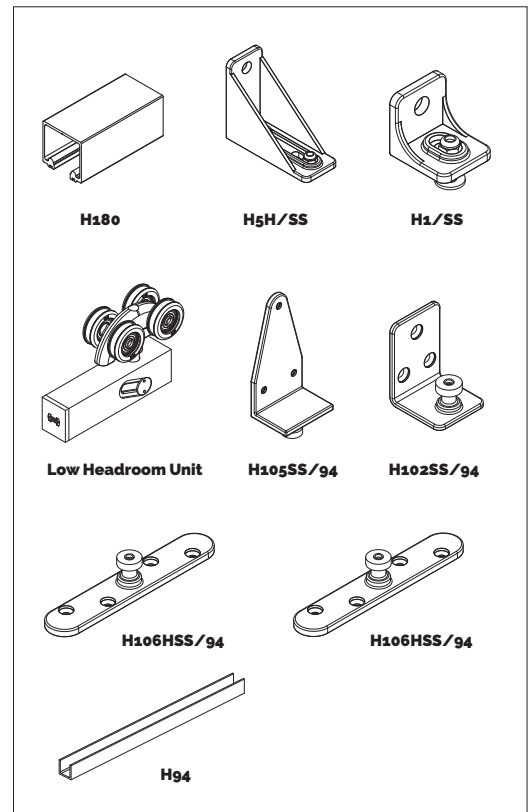
SOLTAIRE LOW HEADROOM 180

HENDERSON

For timber top hung sliding doors. Max 180kg.

APPLICATION

- Designed to create a modern minimalist finish with all parts concealed
- Can reduce the clearance between the track and the top of the door to 2mm
- Vertically adjustable sliding door kit for low or restricted headroom applications
- Used to maximise door height
- Engineered for easy installation and adjustment
- Designed to accommodate single or multiple panels on one or more tracks



HARDWARE SPECIFICATION		
Track	H180A	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths) Soffit fix spacing 900mm centres (maximum)
Brackets	H1/SS	Face fixed stainless steel
	H5H/SS	Double face fixed stainless steel (heavy) Starting 20mm from each end of track fix at 900mm centres (max.)
Guides	H102SS/94	Timber doors - wall mounted and multiple run guide
	H105SS/94	Timber doors - face mounted guide
	H106HSS/94	Timber doors - concealed fixing with SS bearing
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Interlocking Seal	H59BZ/4800	Bronze anodised (4800mm to suit typical 2400mm door height)
	H59CA/4800	Clear anodised aluminium (4800mm to suit typical 2400mm door height) Drilled and countersunk. Includes brush seal.

DOOR SPECIFICATION

Track System	Low headroom 180
For Individual Doors:	
Max Door Weight	180kg
Max Door Width	3300mm
Door Thickness	35-48mm*
Max Door Height	2700mm
*Max door thickness only applies to some face fix bracket options.	

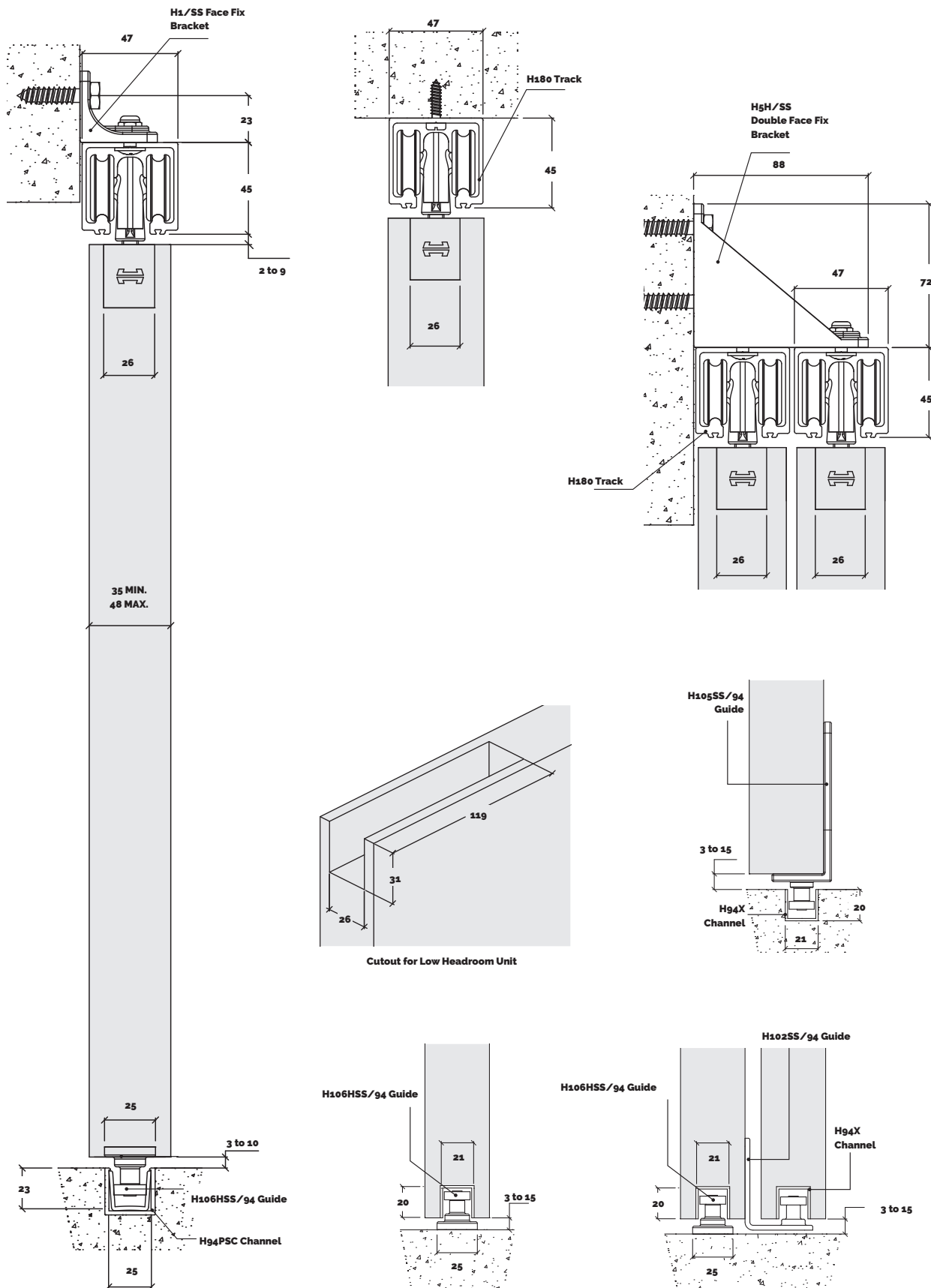
STANDARD SETS AND PACK

Pack comprises of 2x Low Headroom units, 2x end caps, 2x track stops, all screws and fitting instructions.

Pack No.	Application
HLH180	1 door pack

SOLTAIRE LOW HEADROOM 180

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SOLTAIRE 250

HENDERSON

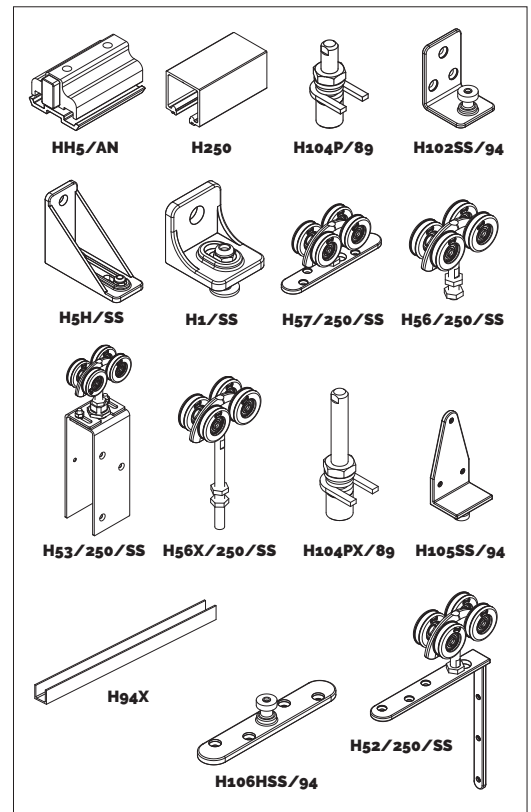
For top hung sliding doors. Max 250kg each.

APPLICATION

- Manufactured from high grade 316 stainless steel with anodised aluminium track
- This reliable system is extremely durable and ideal for coastal applications, heavy use or areas requiring a high level of corrosion resistance
- Designed for interior and exterior doors up to 250kg
- Ideal for residential or commercial applications
- Designed to accommodate single or multiple panels on one or more tracks
- Hangers available for timber or metal doors
- The track can be soffit fixed or face fixed to give flexibility of installation

HARDWARE SPECIFICATION

Track	H250A	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths). Soffit fix spacing 900mm centres (maximum)
Brush Strips	HBS10, HBS15, HBS20, HBS25 (mm)	Available in black in 4 brush heights, by the metre
Brackets	H1/SS	Face fixed stainless steel
	H5H/SS	Double face fixed stainless steel (heavy). Starting 20mm from end of track fix at 900mm maximum centres.
Hangers (2 per door)*	H52/250/SS	Timber doors – angle plate fixing
	H53/250/SS	Timber doors – saddle plate fixing
	H56/250/SS	Metal doors – angle frame fixing
	H56X/250/SS	Metal doors – box frame fixing
	H57/250/SS	Timber doors – concealed plate fixing
	H57/250/SS	Metal doors – concealed plate fixing
* Each panel must be rigid enough to be supported by only two hangers		
Track Stop	HH5/AN	Anodised aluminium with rubber buffer
Guides	H102SS/94	Timber doors - wall mounted and multiple run guide
	H104PX/89	Metal door - box section (Zinc plated steel brass roller)
	H104P/89	Metal door - angle frame (Zinc plated steel brass roller)
	H105SS/94	Timber doors - face mounted guide
	H106HSS/94	Timber doors - concealed fixing with SS bearing
Channels	H94x	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H89SS	Stainless steel (2000 & 3000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Interlocking Seal	H59BZ/4800	Bronze anodised (4800mm to suit typical 2400mm door height)
	H59CA/4800	Clear anodised aluminium (4800mm to suit typical 2400mm door height) Drilled and countersunk. Includes brush seal.



DOOR SPECIFICATION

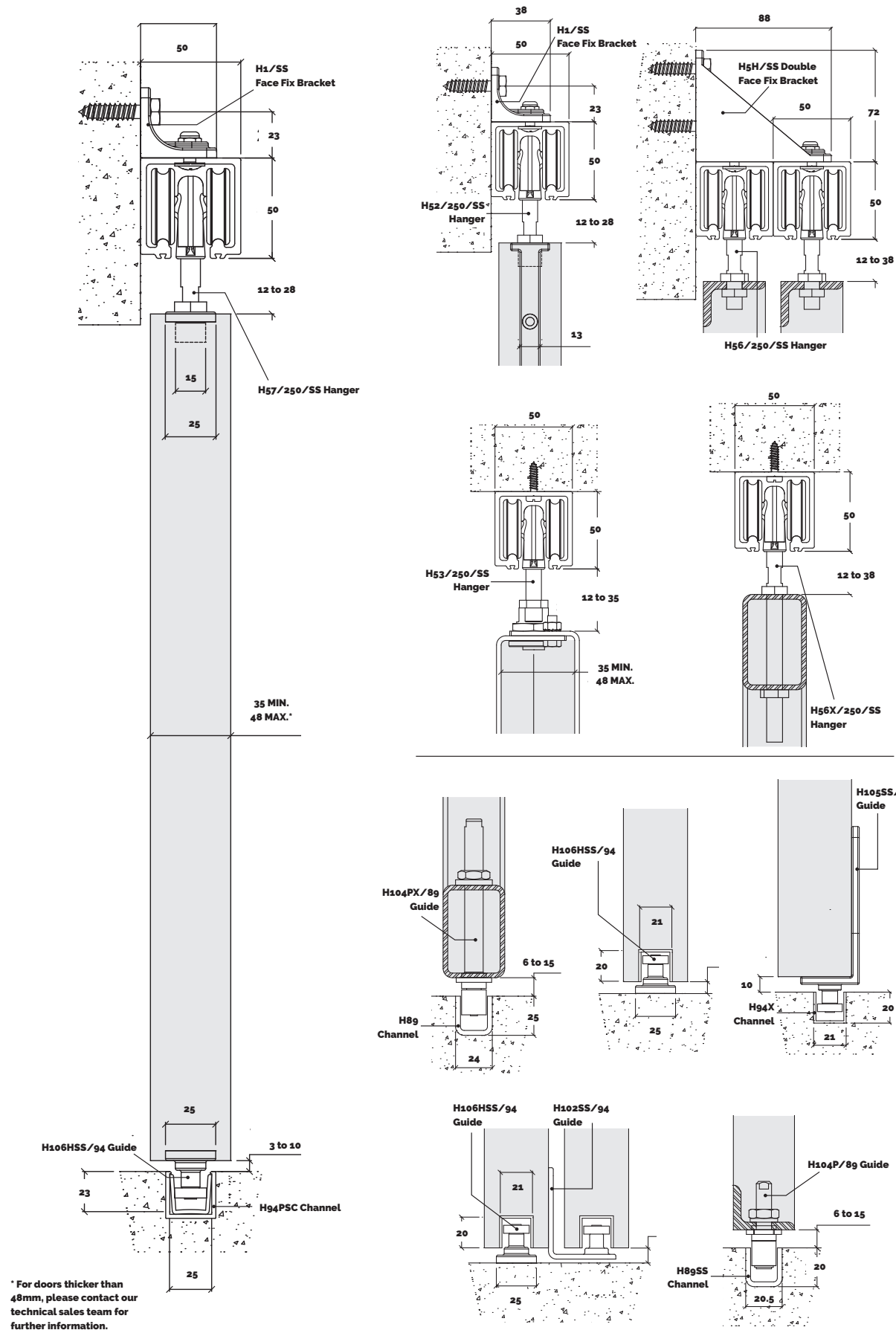
Track System	Soltaire 250
For Individual Doors:	
Max Door Weight	250kg
Door Thickness	35-48mm*
Max Panel Height	3300mm
*Max door thickness only applies to some face fix bracket and Hanger options.	



SOLTAIRE 250

HENDERSON

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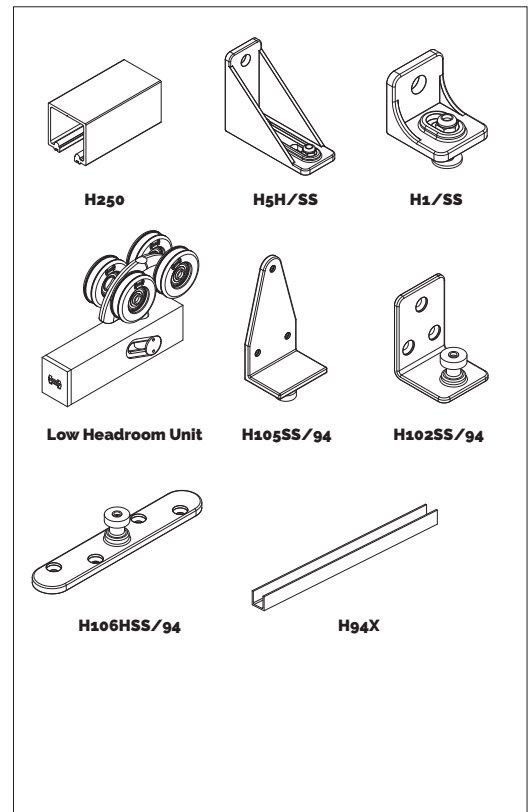
SOLTAIRE LOW HEADROOM 250

HENDERSON

**For timber top hung sliding doors.
Max 250kg.**

APPLICATION

- Designed to create a modern minimalist finish with all parts concealed
- Can reduce the clearance between the track and the top of the door to 2mm
- Vertically adjustable sliding door kit for low or restricted headroom applications
- Used to maximise door height
- Engineered for easy installation and adjustment
- Designed to accommodate single or multiple panels on one or more tracks



HARDWARE SPECIFICATION

Track	H250A	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths) Soffit fix spacing 900mm centres (maximum)
Brackets	H1/SS	Face fixed stainless steel
	H5H/SS	Double face fixed stainless steel (heavy) Starting 20mm from each end of track fix at 900mm centres (max.)
Guides	H102SS/94	Timber doors - wall mounted and multiple run guide
	H105SS/94	Timber doors - face mounted guide
	H106HSS/94	Timber doors - concealed fixing with SS bearing
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Interlocking Seal	H59BZ/4800	Bronze anodised (4800mm to suit typical 2400mm door height)
	H59CA/4800	Clear anodised aluminium (4800mm to suit typical 2400mm door height) Drilled and countersunk. Includes brush seal.

DOOR SPECIFICATION

Track System	Low Headroom 250
For Individual Doors:	
Max Door Weight	250kg
Door Thickness	35-48mm*
Max Door Height	3300mm
*Max door thickness only applies to some face fix bracket options.	

STANDARD SETS AND PACK

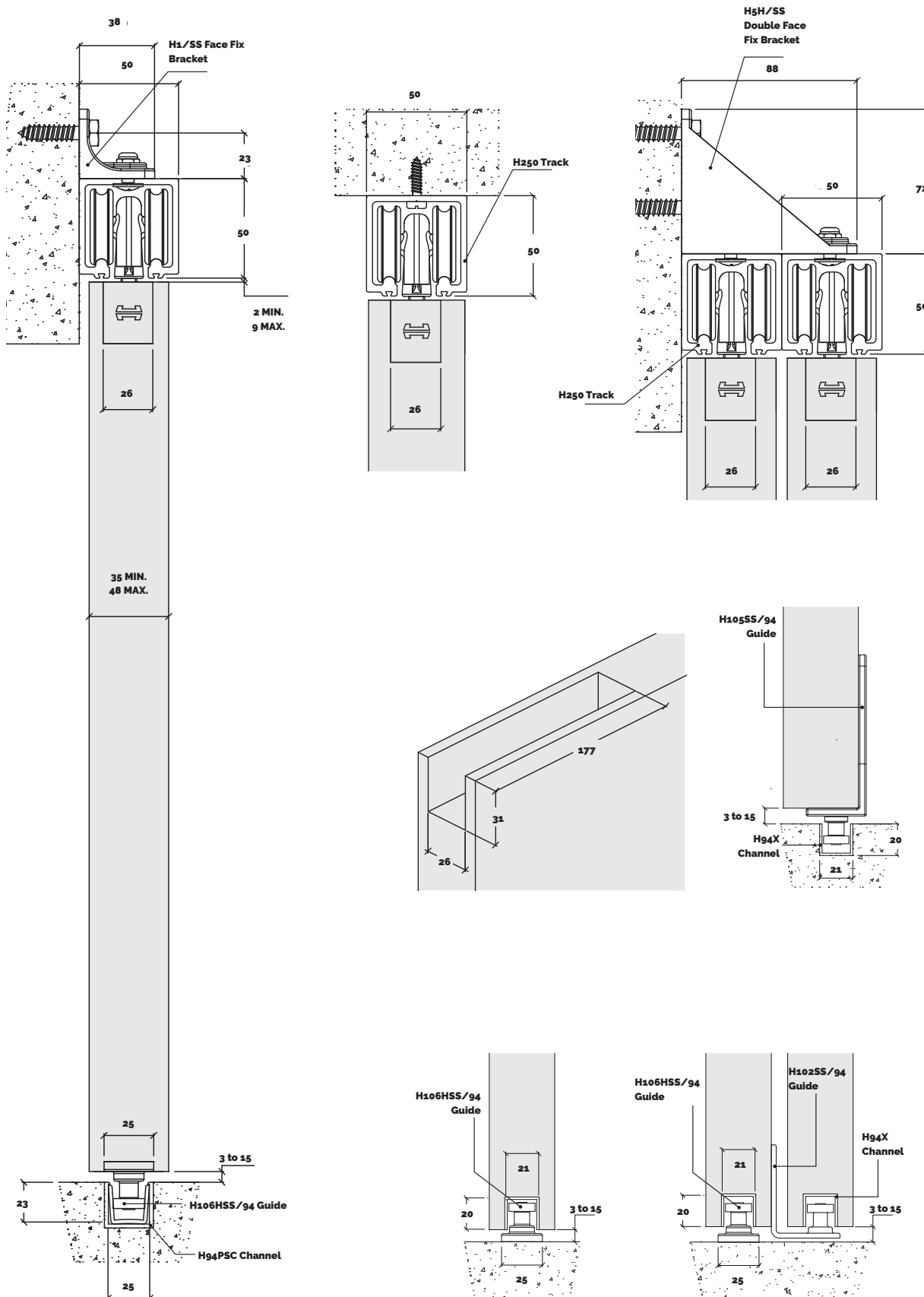
Pack comprises of 2x Low Headroom units, 2x end caps, 2x track stops, all screws and fitting instructions.

Pack No.	Application
HLH250	1 door pack

SOLTAIRE LOW HEADROOM 250

HENDERSON

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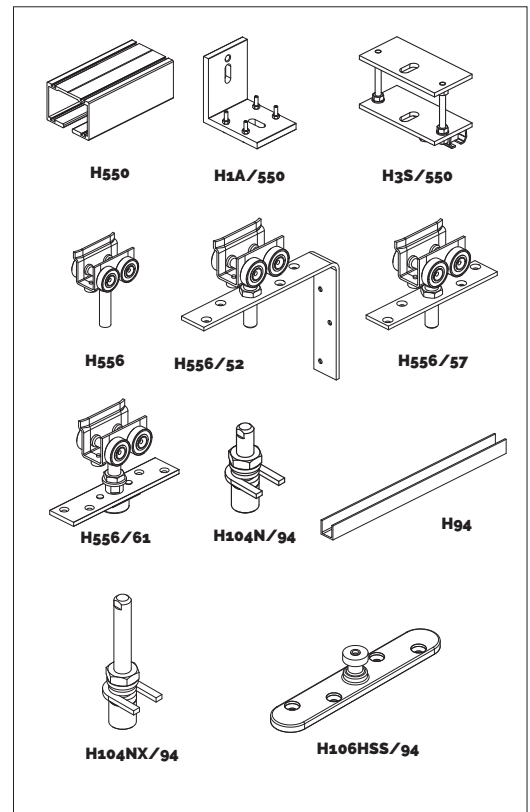
FLEXIROL 500

HENDERSON

For top hung sliding timber and metal doors. Max. 500kg.

APPLICATION

- Ideally suited to hotels, conference centres, shop fronts, showrooms or any site requiring high performance and an attractive finish
- Designed for straight sliding doors in timber, metal or glass



HARDWARE SPECIFICATION

Track	H550	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths). For full range of finishes please contact our Technical Sales Team.
Brackets	H1A/550	Face fixed
	H3S/550	Soffit fixed
Hangers	H556	Metal doors - angle frame fixing
(2 per door)*	H556/52	Timber doors - angle plate fixing
	H556/57	Timber doors - concealed plate fixing
	H556/61/SS	Stainless steel hanger for exterior use - concealed plate fixing
* Each panel must be rigid enough to be supported by only two hangers		
Track Stop	H3/301	Flexirol track stop
Guides	H104N/94	Metal doors - angle frame fixing
	H104NX/94	Metal doors - box frame fixing
	H106HSS/94	Timber doors - concealed fixing
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)

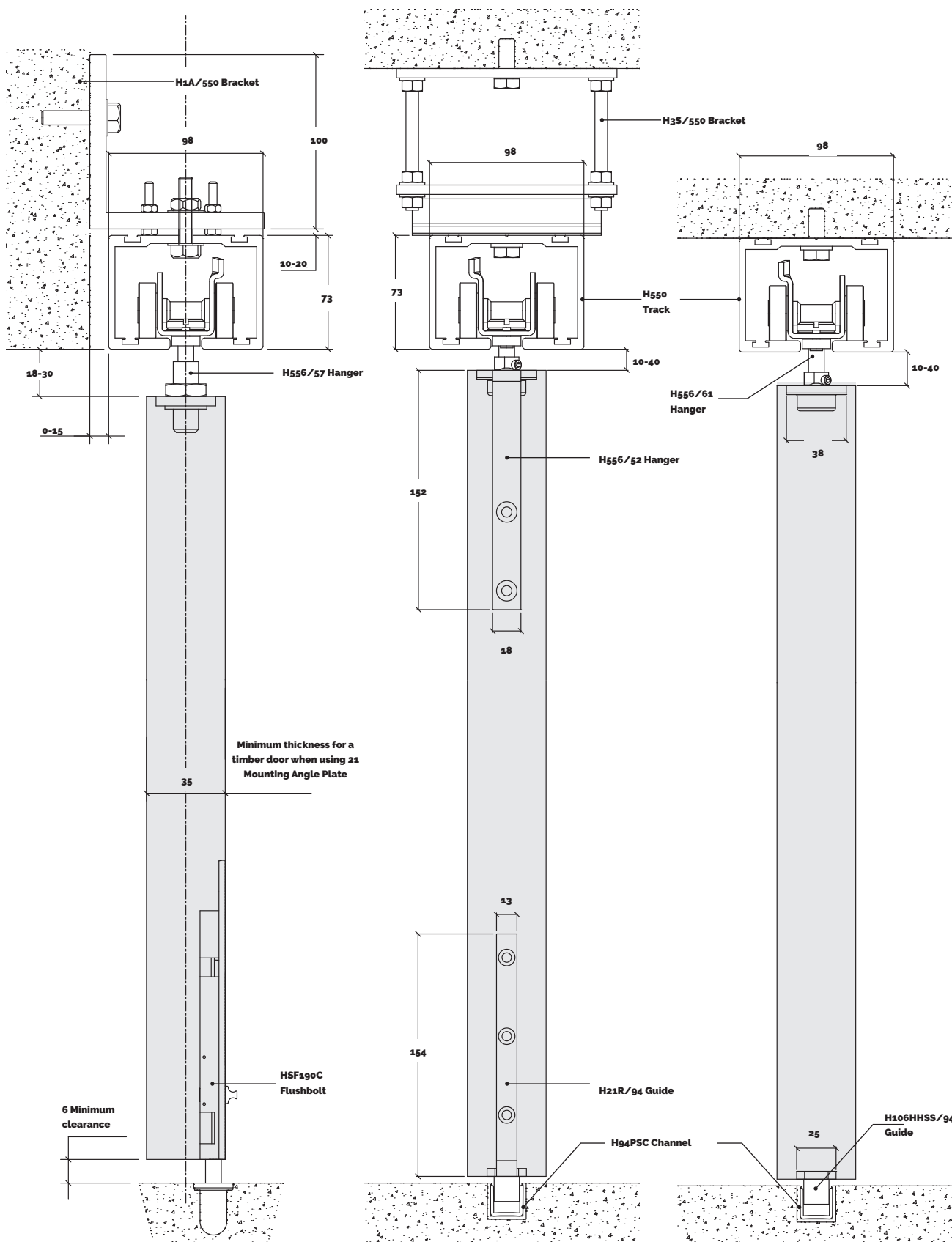
DOOR SPECIFICATION

Track System	Flexirol 500
For Individual Doors:	
Max Door Weight	500kg. 2 Hangers per leaf.
Max Door Width	6000mm
Door Thickness	40-100mm*
Max Door Height	6000mm
*Max door thickness only applies to some face fix bracket options.	

FLEXIROL 500

HENDERSON

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STRAIGHT SLIDING 290

HENDERSON

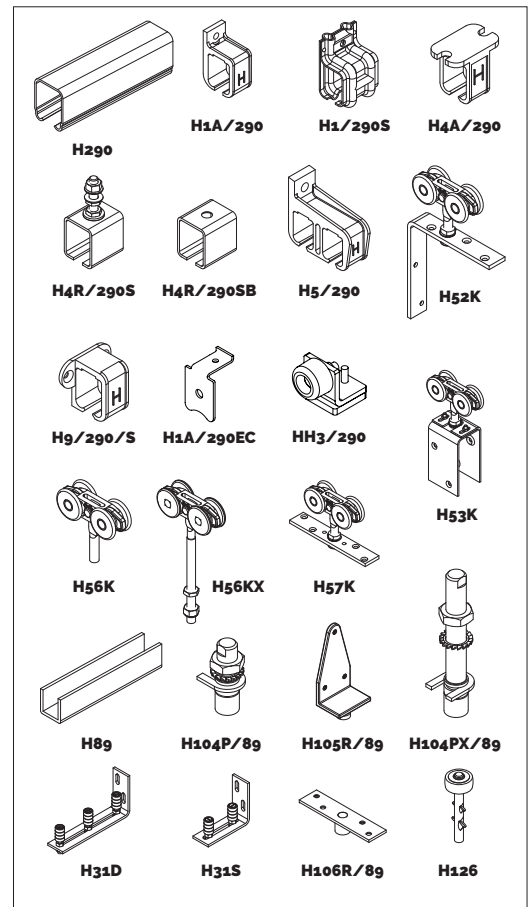
For timber or metal top hung sliding doors. Max 150 or 200kg

APPLICATION

- Designed for commercial and industrial applications
- Designed to accommodate single or multiple panels on one or more tracks
- Versatile range of hanger, track, bracket and guide options,
- allows the 290 system a wide range of applications
- Where doors are fitted externally, a canopy is recommended

HARDWARE SPECIFICATION

Track	H290	Galvanised Steel (2000, 3000, 4000 & 6000mm lengths)	
Fix spacing at 900mm centres (maximum)			
Brackets	Aluminium	Steel (Zinc plated)	
	H1A/290	H1/290S	Face fix, single track
	H3A/290	-	Soffit fix, single track
	H4A/290	-	Soffit fix (in line), single track
	-	H4R/290S	Soffit fix (adjustable), single track
	H5/290	-	Face fix, double track
	-	H9/290/S	Face fix (low headroom), single track
Track Top	HH3/290	Track mounted door stop	
Bracket	Aluminium	Steel (Zinc plated)	
Endclip	H1A/290EC	H1/290EC	Creates a closed bracket
Track Stop	HH3/290	In Track Door Stop, Zinc plated Steel	
Hangers (2 per door)*	150kg	200kg	
	H52K/N	H52K/S200	Timberdoors - angle plate fixing
	H53K/N	H53K/S200	Timber doors - apron fixing
	H57K/N	H57K/S200	Timber doors - concealed fixing
	H56K/N	H56K/S200	Metal doors - angle frame
	H56KX/N	H56KX/S200	Metal doors - box frame
	H57K/N	H57K/S200	Metal doors - concealed plate
	- All hangers suffixed 'N' have silent running nylon wheels and 'S' have steel wheels.		
- Nylon wheeled hangers should not be used on installations involving temperatures exceeding 80°C			
* Each panel must be rigid enough to be supported by only two hangers			
Guides	H31D	Wall guide, double	
	H31S	Wall guide, single	
	H104P/89	Metal doors – angle frame	
	H104PX/89	Metal doors – box frame	
	H105R/89	Timber doors	
	H106R/94	Timber doors – concealed fixing	
	H126	Ground stay roller	
Channels	H89	Galvanised steel (2000, 3000 & 4000mm lengths)	
	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)	

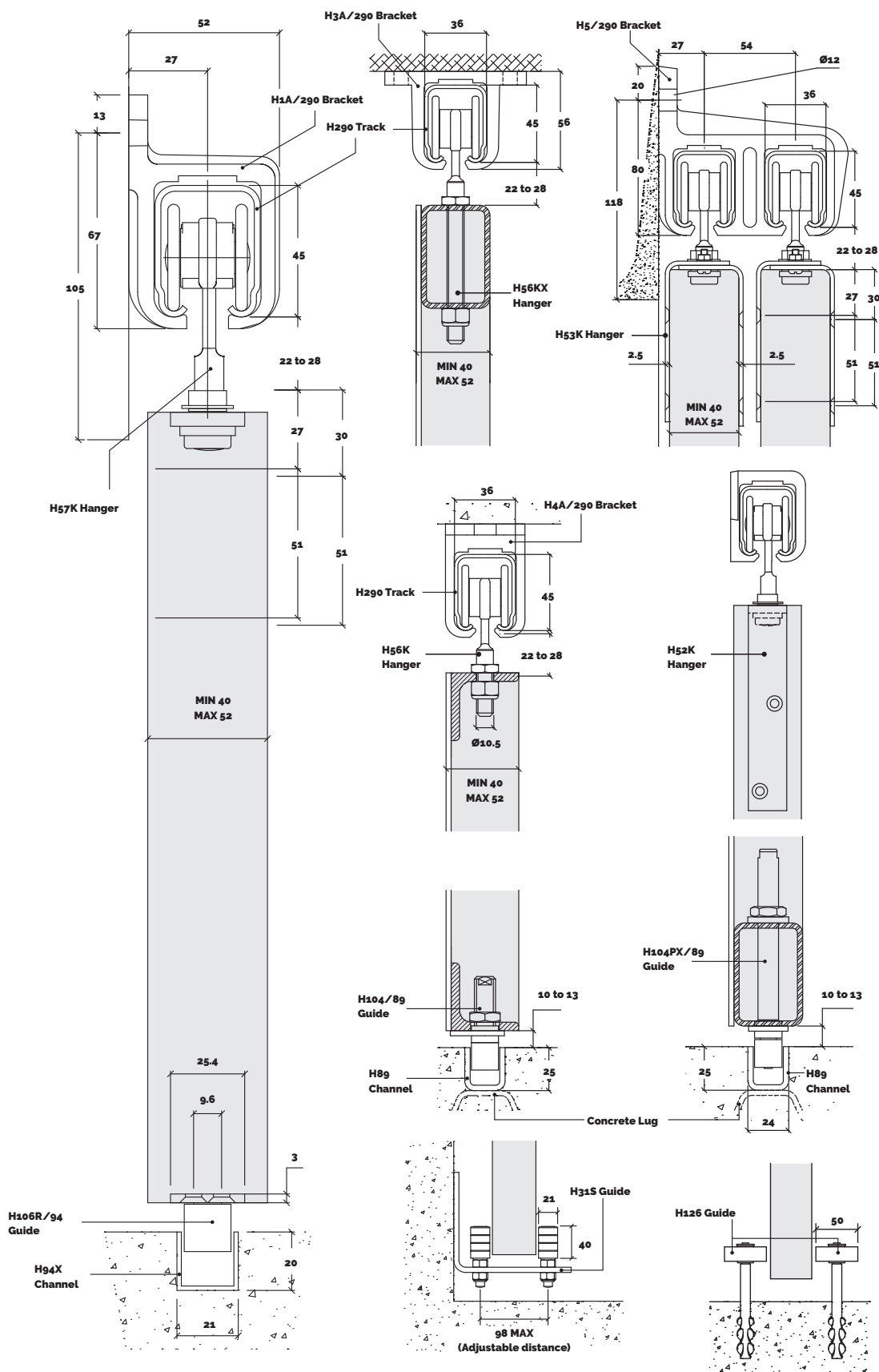


DOOR SPECIFICATION

Track System	290
For Individual Doors:	
Max Door Weight	150kg or 200kg
Door Thickness	35-48mm*
Max Door Height	3000mm
*Max door thickness only applies to some face fix bracket and Hanger options.	



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STRAIGHT SLIDING 301

HENDERSON

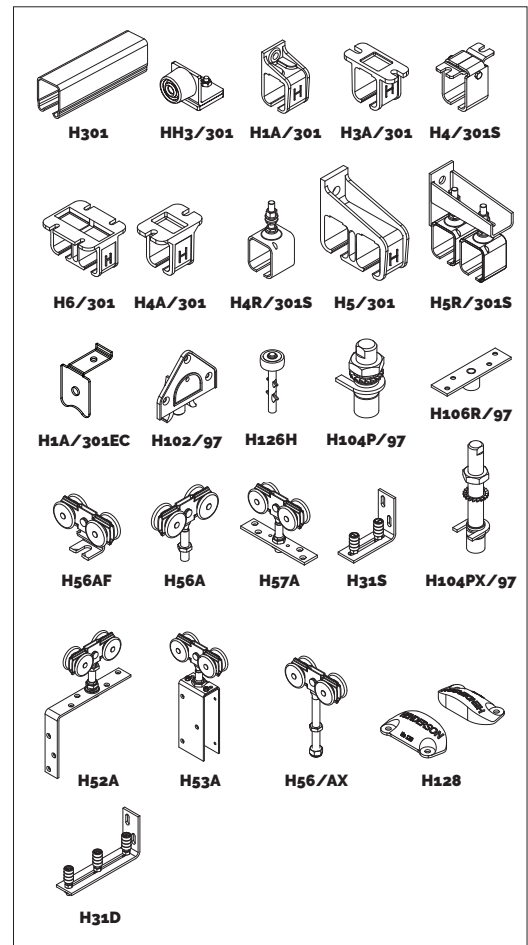
For timber or metal top hung sliding doors. Max 400 or 450kg

APPLICATION

- Designed for commercial, industrial and agricultural applications
- Designed to accommodate single or multiple panels on one or more tracks
- Versatile range of hanger, track, bracket and guide options, allows the 301 system to be used in a wide range of applications
- Where doors are fitted externally, a canopy is recommended
- Suitable for Fire Resistant applications

HARDWARE SPECIFICATION

Track	H301 or H301H	Galvanised Steel (2000, 2500, 3000, 4000 & 6000mm lengths)	
	Fix spacing at 900mm centres (maximum)		
	HH3/301	In track door stop	
Brackets	Aluminium	Steel (Zinc plated)	
	H1A/301	H1/301S	Face fix, single track
	H3A/301	H3/301S	Soffit fix, single track
	H4A/301	H4/301S	Soffit fix (in line), single track
	-	H4R/301S	Soffit fix (adjustable), single track
	H5/301	H5R/301S	Face fix, double track
	H6/301	-	Soffit fix, double track
	H1A/301EC	-	Bracket end clip (insert into open bracket to form a closed version)
	For closed and jointing bracket option please contact our Technical Sales Team.		
Track Stop	HH3/301	Track mounted door stop	
Hangers (2 per door)*	Steel wheels	Nylon wheels	
	H52A/S	H52A/N	Timberdoors - angle plate fixing
	H53A/S	H53A/N	Timber doors - apron fixing
	H56A/S	H56A/N	Metal doors - angle frame
	H56AX/S	H56AX/N	Metal doors - box frame
	H57A/S	H57A/N	Timber/metal doors - concealed plate
	- All hangers suffixed 'N' have silent running nylon wheels and 'S' have steel wheels.		
	- Nylon wheeled hangers should not be used on installations involving temperatures exceeding 80°C		
* Each panel must be rigid enough to be supported by only two hangers			
Guides	H31D	Wall guide, double	
	H31S	Wall guide, single	
	H102/97	Timber doors	
	H104P/97	Metal doors – angle frame	
	H104PX/97	Metal doors – box frame	
	H106R/97	Timber doors – concealed fixing	
	H126H	Ground stay roller	
	H128	Shoe guide All steel parts are electro zinc-plated.	
Channels	H97	Galvanised steel (2000, 3000, 4000 & 6000mm lengths)	
		Pre-drilled for lugging into concret	
Rail	H299	Galvenised Steel (2000, 2500 & 3000 lengths)	



DOOR SPECIFICATION

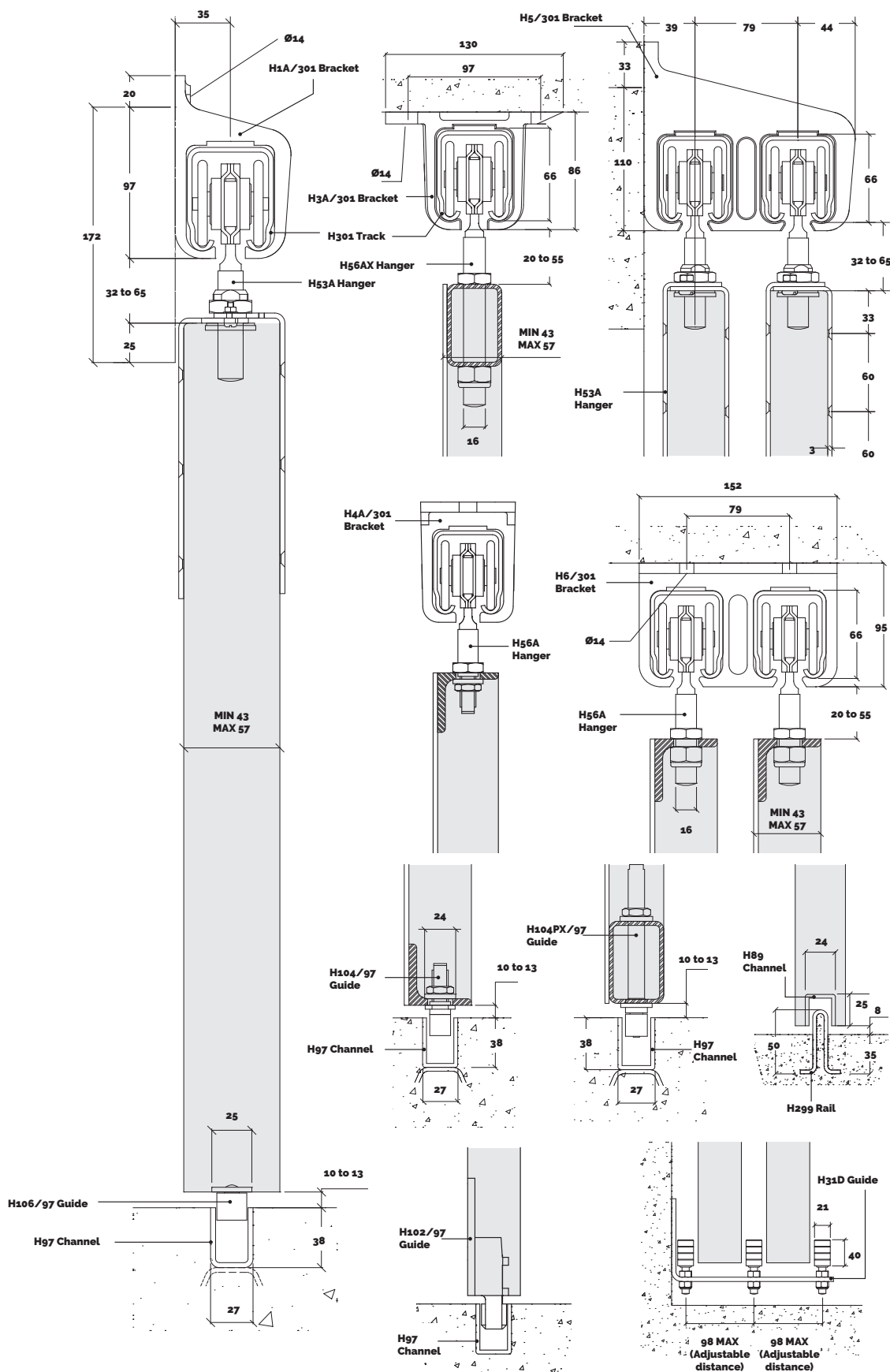
Track System	301	301H
For Individual Doors:		
Max Door	400kg	450kg
Door Thickness	43-57mm*	43-57mm*
Max Door Height	3600mm	4200mm
*Max door thickness only applies to some face fix bracket and Hanger options.		



STRAIGHT SLIDING 301

HENDERSON

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STRAIGHT SLIDING 305

HENDERSON

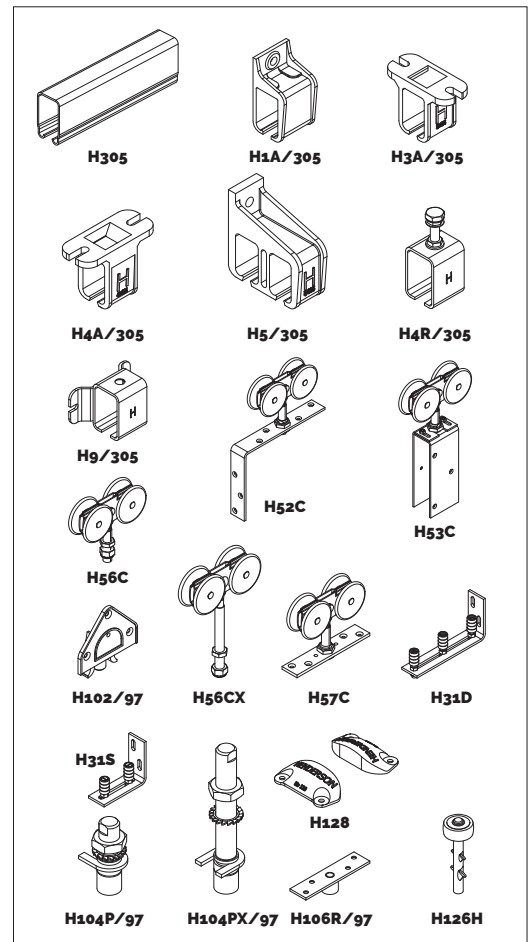
For timber or metal top hung sliding doors. Max 700kg.

APPLICATION

- Used in commercial, industrial and agricultural applications
- where robust gear is required
- Designed to accommodate single or multiple panels on one or more tracks
- Designed for interior and exterior applications
- Versatile range of hanger, track, bracket and guide options,
- allows the 305 system a wide range of applications
- Where doors are fitted externally, a canopy is recommended
- Suitable for Fire Resistant applications

HARDWARE SPECIFICATION

Track	H305	Galvanised Steel (2000, 3000, 4000 & 6000mm lengths)
		Fix spacing at 900mm centres (maximum)
Brackets	H1A/305	Face fix aluminium, single track
	H3A/305	Soffit fix aluminium, single track
	H4A/305	Soffit fix (in line) aluminium, single track
	H4R/305	Soffit fix (adjustable) steel, single track
	H5/305	Face fix aluminium, double track
	H9/305	Face fix (low headroom) steel, single track
	For closed and jointing bracket option please contact our Technical Sales Team.	
Fire Door Brackets	H1/305	Face fix cast iron, single track
	H1/305L	Face fix cast iron closed left, single track
	H1/305R	Face fix cast iron closed right, single track
	H1X/305	Face fix cast iron jointing, single track
Hangers (2 per door)*	H52C/S	Timber doors - angle plate fixing
	H53C/S	Timber doors - apron fixing
	H56C/S	Metal doors - angle frame
	H56CX/S	Metal doors - box frame
	H57C/S	Timber/metal doors - concealed fixing
* Each panel must be rigid enough to be supported by only two hangers		
Guides	H31D	Wall guide, double
	H31S	Wall guide, single
	H102/97	Timber doors
	H104P/97	Metal doors - angle frame
	H104PX/97	Metal doors - box frame
	H106R/97	Timber doors - concealed fixing
	H126H	Ground stay roller
	H128	Shoe guide
	All steel parts are electro zinc-plated.	
Channels	H89	Galvanised steel (2000, 3000 & 4000mm lengths)
	H97	Galvanised steel (2000, 3000, 4000 & 6000mm lengths)
Rail	H299	Galvanised steel (2000, 2500 & 3000mm lengths)



DOOR SPECIFICATION

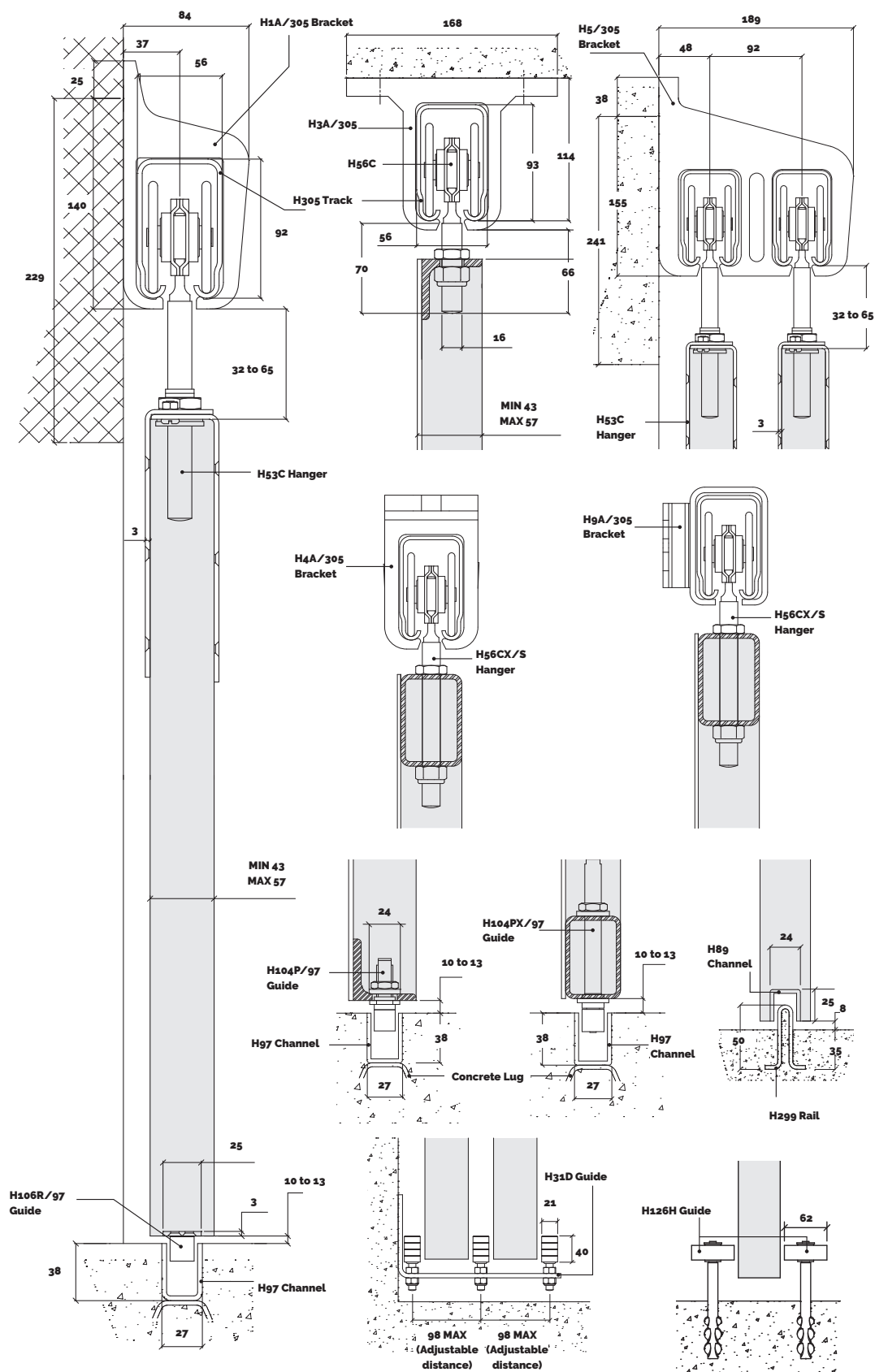
Track System	305
For Individual Doors:	
Max Door Wt Steel Hanger	700kg
Door Thickness	43-57mm*
Max Door Height	4800mm
*Max door thickness only applies to some face fix bracket and Hanger options.	



STRAIGHT SLIDING 305

HENDERSON

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STRAIGHT SLIDING 307

HENDERSON

For timber or metal top hung sliding doors. Max 2000kg.

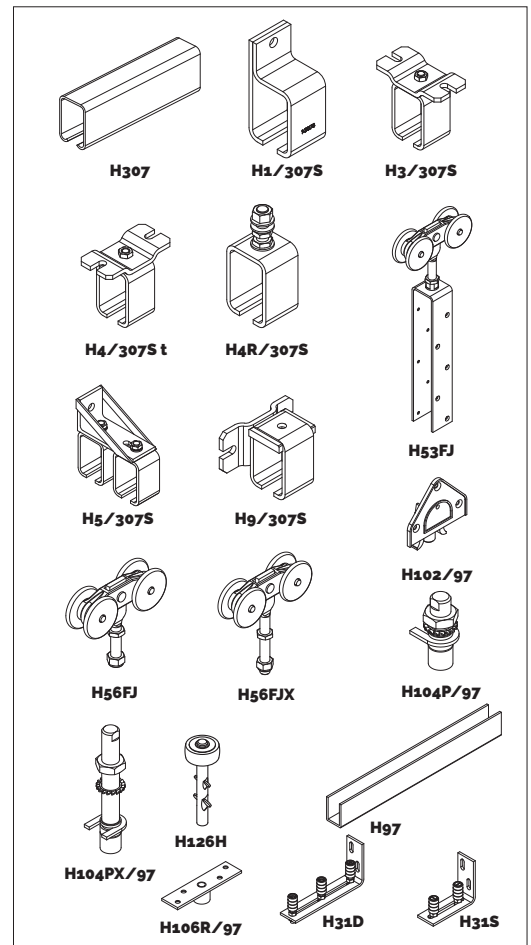
APPLICATION

- Designed to allow very heavy and large industrial doors to be easily moved
- Designed to accommodate single or multiple panels on one or more tracks
- Versatile range of hanger, track, bracket and guide options, allows the 307 system to be used in a wide range of applications
- Where doors are fitted externally, a canopy is recommended



HARDWARE SPECIFICATION

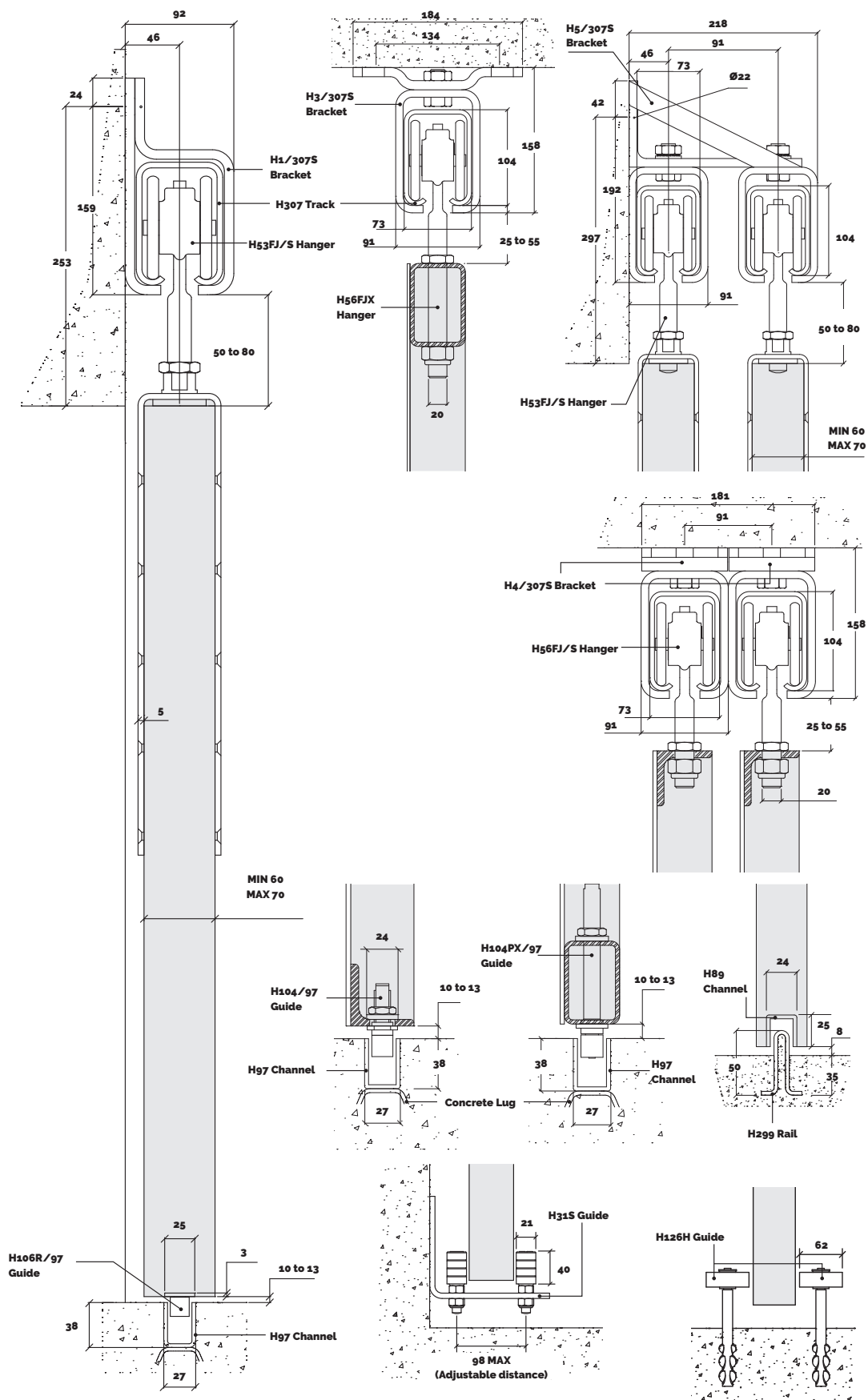
Track	H307	Steel Zinc Plated (2000, 3000 & 4000mm lengths)
		Fix spacing at 900mm centres (maximum)
Brackets	H1/307S	Face fix steel, single track
	H3/307S	Soffit fix steel, single track
	H4/307S	Soffit fix (in line) steel, single track
	H4R/307S	Soffit fix (adjustable), single track
	H5/307S	Face fix steel, double track
	H9/307S	Restricted headroom face fix steel
	For closed and jointing bracket option please contact our Technical Sales Team.	
Hangers (2 per door)	H53FJ	Timber doors - apron fixing
	H56FJ	Metal doors - angle frame
	H56FJX	Metal doors - box frame
Guides	H31D	Wall guide, double
	H31S	Wall guide, single
	H102/97	Timber doors
	H104P/97	Metal doors - angle frame
	H104PX/97	Metal doors - box frame
	H106/97	Timber doors - concealed fixing
	H126H	Ground stay roller
	H128	Shoe guide
		All steel parts are electro zinc-plated.
Channels	H89	Galvanised steel (2000, 3000 & 4000mm lengths)
	H97	Galvanised steel (2000, 3000, 4000 & 6000mm lengths)
Rail	H299	Galvanised steel (2000, 2500 & 3000mm lengths)



DOOR SPECIFICATION

Track System	307
For Individual Doors:	
Max Door Wt Steel Hanger	2000kg
Door Thickness	50-70mm*
Max Door Height	6000mm
*Max door thickness only applies to some face fix bracket and Hanger options.	

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SECTION C



STRAIGHT SLIDING BOTTOM ROLLER SYSTEMS

Straight Sliding bottom roller Systems

Section Index and General Guide

Select system for your bottom roller application.	Residential	Commercial	Industrial	Max. Door	Product	Data Sheet
APPLICATION						
Residential						
For wardrobes or large cupboards	<input type="checkbox"/>			25kg	Loretto	C10
For sliding doors	<input type="checkbox"/>			170kg	Mansion	C20
Commercial						
For interior and exterior doors. To suit one or more doors	<input type="checkbox"/>	<input type="checkbox"/>		200kg	Imperial 200	C50
Industrial						
For timber or metal doors. To suit one or more doors			<input checked="" type="checkbox"/>	350kg	Sterling 350	C80
For timber or metal doors and gates			<input checked="" type="checkbox"/>	800kg	Sterling 800	C90
For timber or metal doors and gates			<input checked="" type="checkbox"/>	2000kg	Sterling 2000	C100
For heavy metal framed doors and gates			<input checked="" type="checkbox"/>	3600kg or 8000kg	Sterling 3600 & 8000	C110

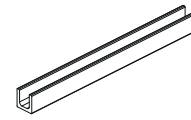
LORETTO

HENDERSON

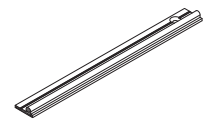
For top hung sliding doors. Max 30kg.

APPLICATION

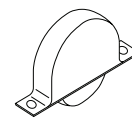
- For bottom rolling wardrobe doors. Max 25kg each leaf.



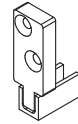
H81X



H80X



H83N



H113/81XDP

HARDWARE SPECIFICATION

Rail	H80X	Aluminium top and bottom rail
		Available 1200, 1500, 1800, 2400, 3600mm lengths
Channel	H81X	Aluminium top guide channel
		Available 2400, 3600mm lengths
Guides	H113/81X	Top guide
Bottom Rollers	H83NDP	Nylon wheeled bottom rollers
Accessories		

DOOR SPECIFICATION

Track System	Loretto
For Individual Doors:	
Max Panel Weight	25kg
Max Panel Width	900mm
Panel Thickness	20-45mm
Max Panel Height	2400mm

STANDARD SETS AND PACK

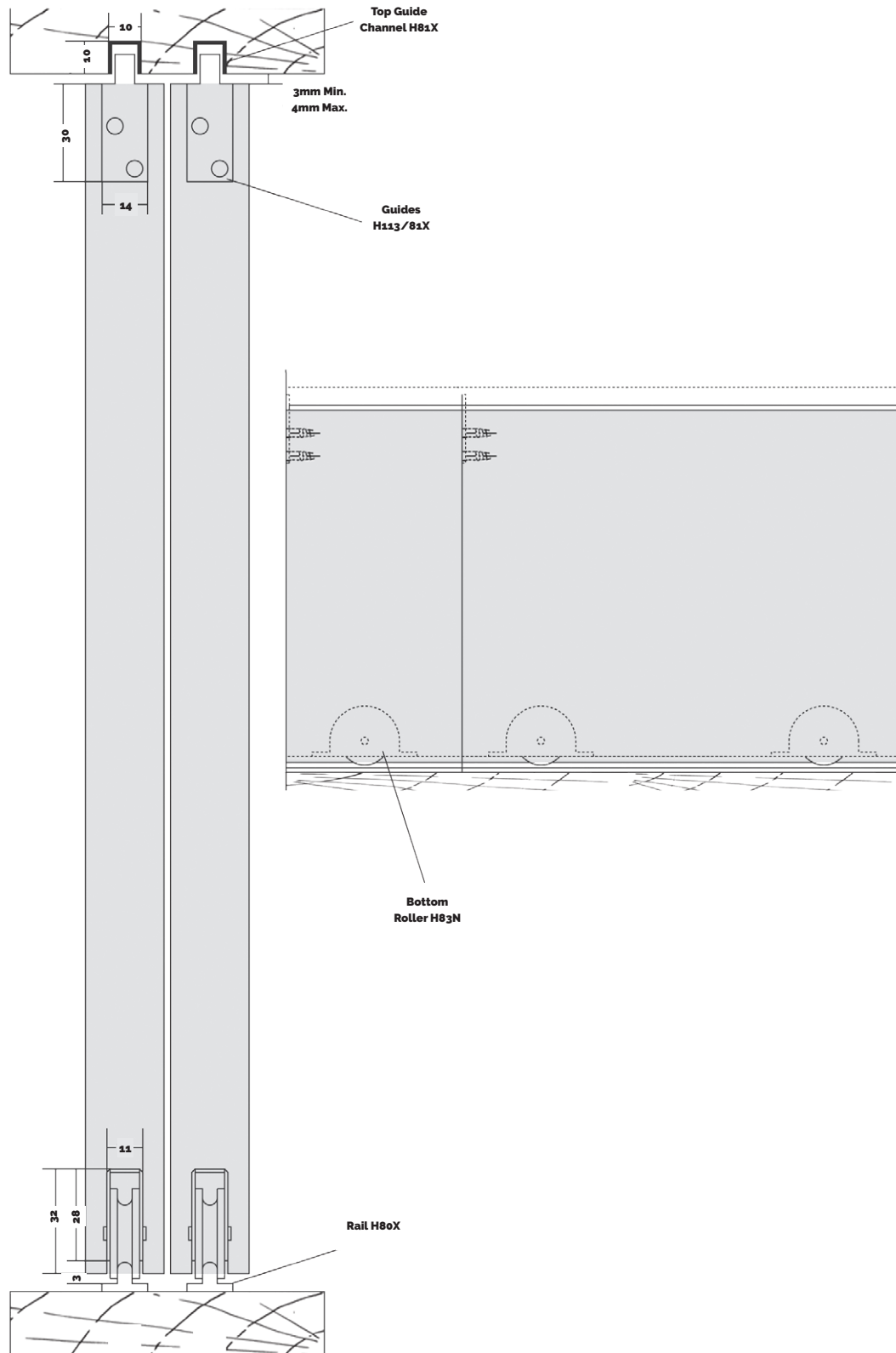
Sets comprises of Bottom Rail x2 (H80X), Top Guide Channel x2 (H81X), Nylon Bottom Rollers x4 (H83N), Nylon Top Guides x4 (H113/81X) for 2 doors

Set No.	Opening width	Track Length	Hardware for
HD4	1200mm	1200mm	2 doors
HD5	1500mm	1500mm	2 doors
HD6	1800mm	1800mm	2 doors

LORETTO

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HENDERSON



MANSION

HENDERSON

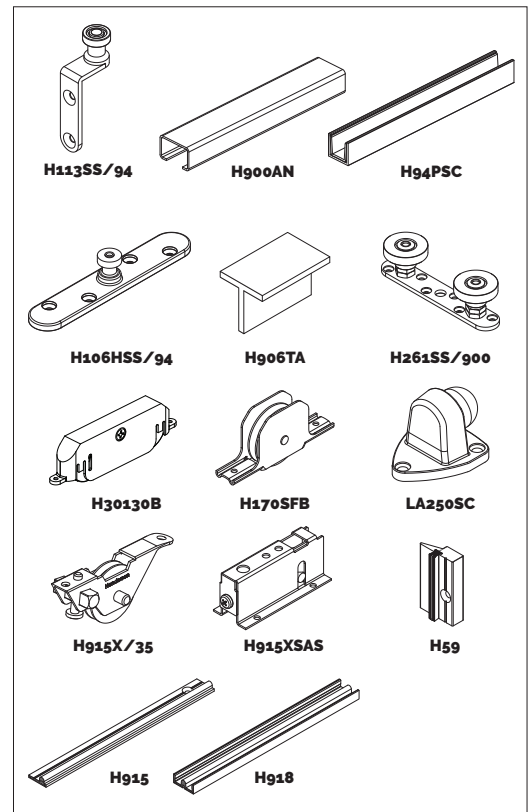
For bottom roller sliding residential doors. Max 80-170kg each.

APPLICATION

- For interior and exterior applications
- Ideally suited to premium joinery installations and applications where the supporting structure or lintel is insufficient for the weight of the door or where the headroom is limited
- Designed for straight sliding partitions or fully glazed patio doors, also suitable for flush or panelled doors
- To cover the width of opening, any number of doors can be used on single or multiple lines or rail, doors can slide to one or both sides
- Where fitted externally, a canopy is recommended to protect the top guide channel, brackets and top guide rollers

HARDWARE SPECIFICATION

Top Guide Tee	H906TA	Aluminium
	Not recommended in situations where the door is likely to warp since the door could bind on the tee. The preferred option is the top guide channel and rollers.	
Top Guide Channel	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H900AN	Aluminium (2000, 3000, 4000 & 6000mm lengths)
Brackets	H1/SS	For single line - face fitted stainless steel
	H5/SS	For double line - face fitted stainless steel Fix at 900mm centres (max.)
Top Guide Rollers (2 per door)	H106HSS/94	Top plate fitting - single stainless steel bearing roller
	H113SS/94	Angle plate fitting - single stainless steel bearing roller
	H261SS/900	Top plate fitting - stainless steel with double nylon rollers one adjustable laterally to prevent rattle
Bottom Rollers (2 per door)	H170SFB	Brass roller with roller bearing in stainless steel body (170kg/door)
	H915X/35	Brass roller with roller bearing in zinc plated body (110kg/door). 35mm internal section
	H915X/36	Brass roller with roller bearing in zinc plated body (110kg/door). 36mm internal section
	H915X/38	Brass roller with roller bearing in zinc plated body (110kg/door). 38mm internal section
	H915XSAS	Stainless steel roller, bearing and body. 10mm vertical adjustment (170kg per door)
	H30130B	Nylon roller, carbon bearing and plastic body. 10mm vertical adjustment (100kg per door)
Bottom Rail	H915B	Brass (2000, 3000 & 4000 lengths)
	H915X	Aluminium Anodised (2000, 3000, 4000 & 6000mm lengths)
	H918	Brass (1500 & 3000mm lengths) Rails are drilled and countersunk for screwing to timber floor. Please contact our Technical Sales Team for more information
Accessories		
Interlocking Seal	H59BZ/4800	Bronze anodised (4800mm to suit typical 2400mm door height)
	H59CA/4800	Clear anodised aluminium (4800mm to suit typical 2400mm door height)
Frame Seal	HAQ21	
Door Stop	HH2/SS	In channel door stop to suit 900 channel
	LA250C	Floor mounted door stop



DOOR SPECIFICATION

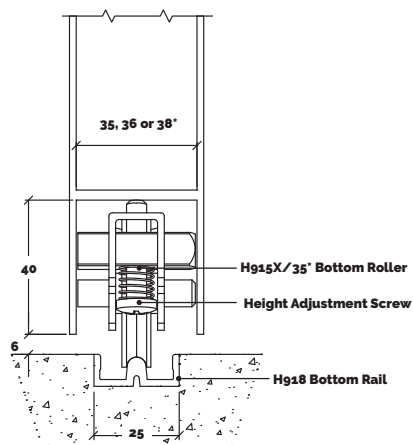
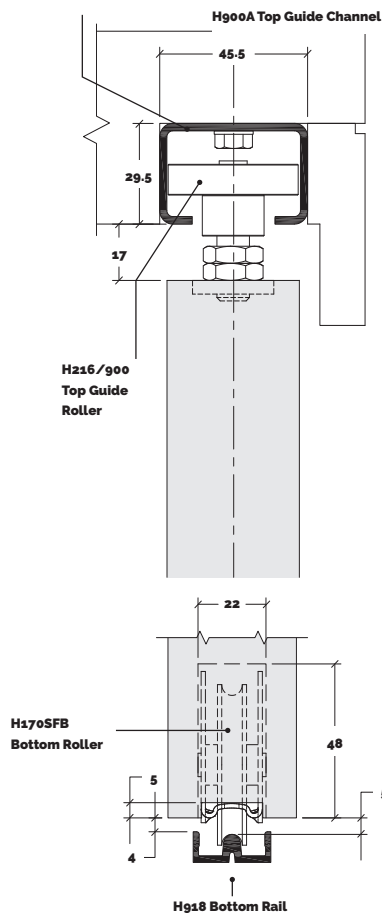
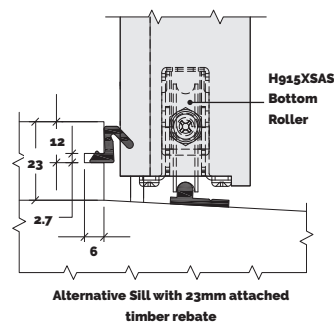
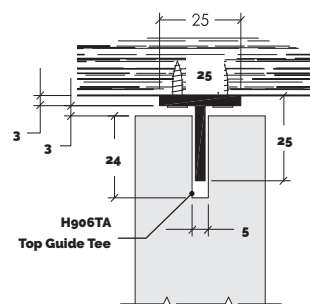
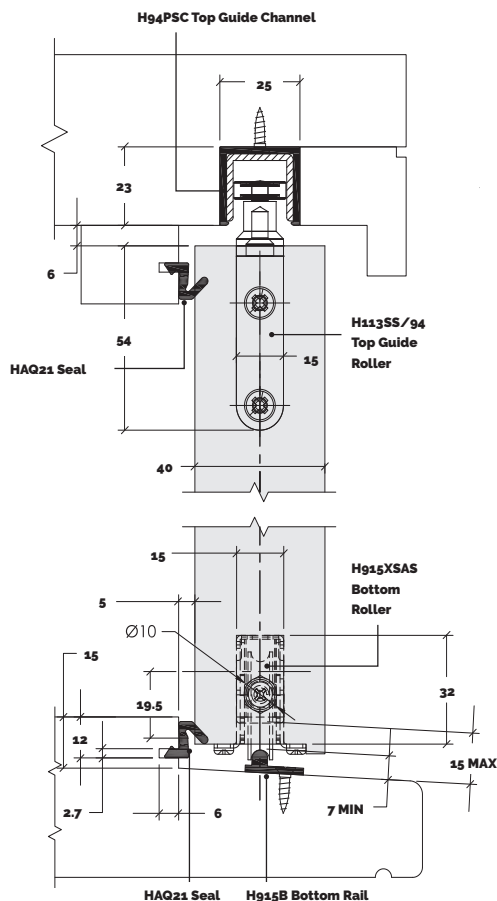
Track System	Mansion
For Individual Doors:	
Max Door Weight	100 to 170kg
Min Door Thickness	35mm
Max Door Height	2600mm
Doors must be constructed with bottom rails of at least 150mm depth to accommodate the concealed, mortised bottom rollers. Door weight is carried on the floor permitting the use of a light overhead structure.	



MANSION

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HENDERSON



IMPERIAL 200

HENDERSON

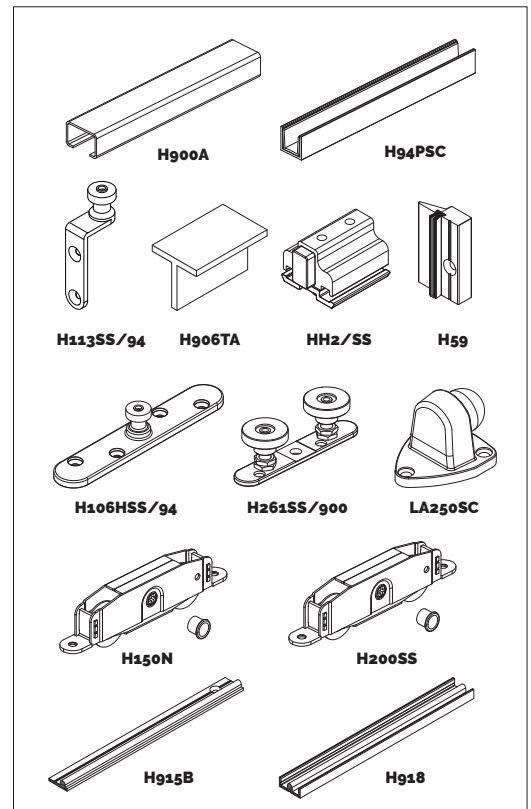
For bottom roller sliding residential doors. Max 200kg each.

APPLICATION

- For timber sliding doors, interior and exterior applications
- Designed for straight sliding partitions or fully glazed patio doors and flushed panel doors
- Suited for where the supporting structure or lintel is insufficient for the weight of the door or where headroom is limited
- To cover the width of opening, any number of doors can be used on single or multiple lines or rail, doors can slide to one or both sides
- Where fitted externally, a canopy is recommended to protect the top guide channel, brackets and top guide rollers

HARDWARE SPECIFICATION

Top Guide Tee	H906TA	Light Duty - Aluminium
Top Guide Channel	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94X/A	Anodised aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H900AN	Anodised aluminium (2000, 3000, 4000 & 6000mm lengths)
Brackets	H1/SS	For single line - face fixed stainless steel
	H5H/SS	For double line - face fixed stainless steel Fix at 900mm centres (max.)
Top Guide Rollers (2 per door)	H106HSS/94	Timber doors - concealed fixing with SS bearing
	H113SS/94	Corner fitting - stainless steel with stainless steel bearings
	H261SS/900	Top plate fitting for 900 channels - stainless steel with anti-rattle double nylon rollers
Bottom Rollers (2 per door)	H200SS	Stainless steel with precision stainless steel ball bearing wheels with side access adjustment (black and white plug included)
	H150N	Stainless steel with precision SS bearings Nylon wheels (max door weight 150kg)
Bottom Rail	H915B	Brass (2000, 3000, 4000 & 6000mm lengths)
	H915X	Anodised Aluminium (2000, 3000 & 4000 lengths)
	H918	Brass (1500 & 3000mm lengths) Drilled and countersunk
Accessories		
Interlocking Seal	H59BZ/4800	Bronze anodised (4800mm to suit typical 2400mm door height)
	H59CA/4800	Clear anodised aluminium (4800mm to suit typical 2400mm door height)
Frame Seal	HAQ21	
Door Stop	HH2/SS	In channel door stop to suit 900 channel
	LA250C	Floor mounted door stop



DOOR SPECIFICATION

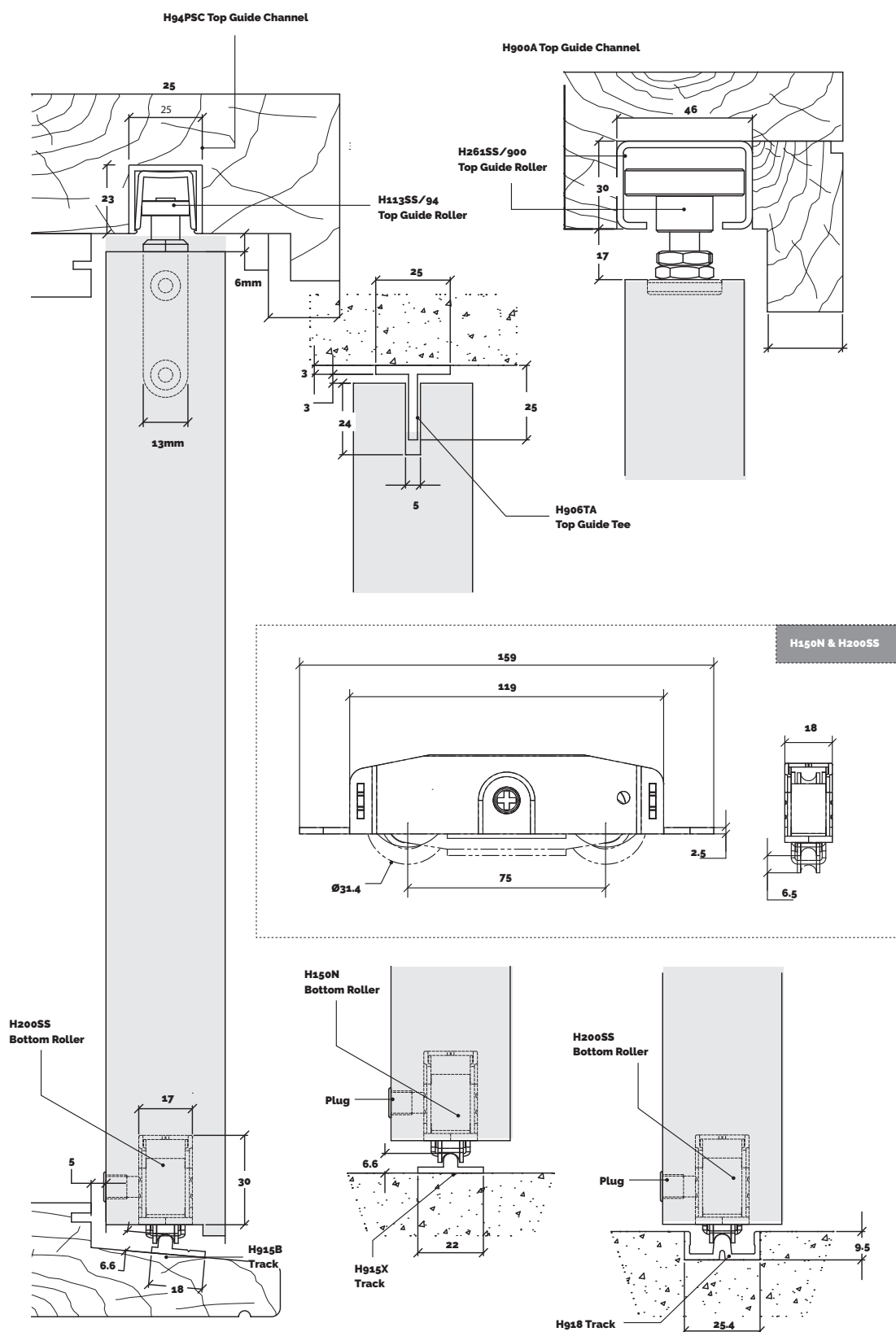
Track System	Imperial 200
For Individual Doors:	
Max Door Weight	150kg (H150N) - 200kg (H200SS)
Min Door Thickness	40mm
Max Door Height	3000mm
Doors can be constructed with bottom rails of at least 150mm depth to accommodate the concealed, mortised bottom rollers. Door weight is carried on the floor permitting the use of a light overhead structure.	



IMPERIAL 200

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HENDERSON



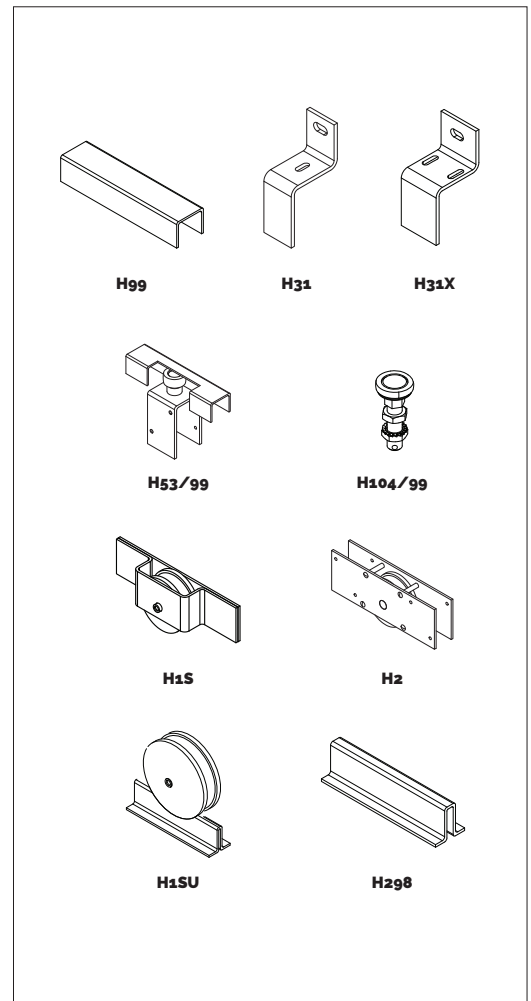
STERLING 350

HENDERSON

For bottom roller sliding commercial doors. Max 350kg each leaf.

APPLICATION

- For timber or metal doors on exterior applications
- Designed for commercial or industrial straight sliding partitions
- Suited for where the supporting structure or lintel is insufficient for the weight of the door or where headroom is limited
- To cover any width of opening, any number of doors can be used on single or multiple lines
- The top guide channel can be soffit or face fixed
- The bottom rail can be recessed, allowing traffic to pass over the rail without obstruction
- Where fitted externally, a canopy is recommended to protect the top guide channel, brackets and top guide rollers



HARDWARE SPECIFICATION

Top Guide Channel	H99	Heavy duty galvanised steel (2000, 2500 & 3000mm lengths)
Top Guide Brackets	H31	For single line - face fixed pressed steel
	H31X	Single line jointing - face fixed pressed steel
	H35	For double line - face fixed pressed steel
	H35X	Double line jointing - face fixed pressed steel, Fix at 900mm centres (max.)
Top Guide Rollers (2 per door)	H53/99	Timber doors in industrial applications
	H104/99	Metal doors in industrial applications
Bottom Rollers (2 per door)	H1S	Metal doors - zinc plated
	H1SU	Metal doors (bolt on) - zinc plated
	H2	Timber doors - zinc plated
Bottom Rail	H298	Galvanised steel (2000, 2500 & 3000mm lengths)
Accessories		
Flush Pull	H414	Diecast aluminium, 133 x 60mm
Bow Handle	H463	Zinc plated cast iron, 159 x 46mm
Bolts	H994	Surface bolt, 380mm, zinc plated steel

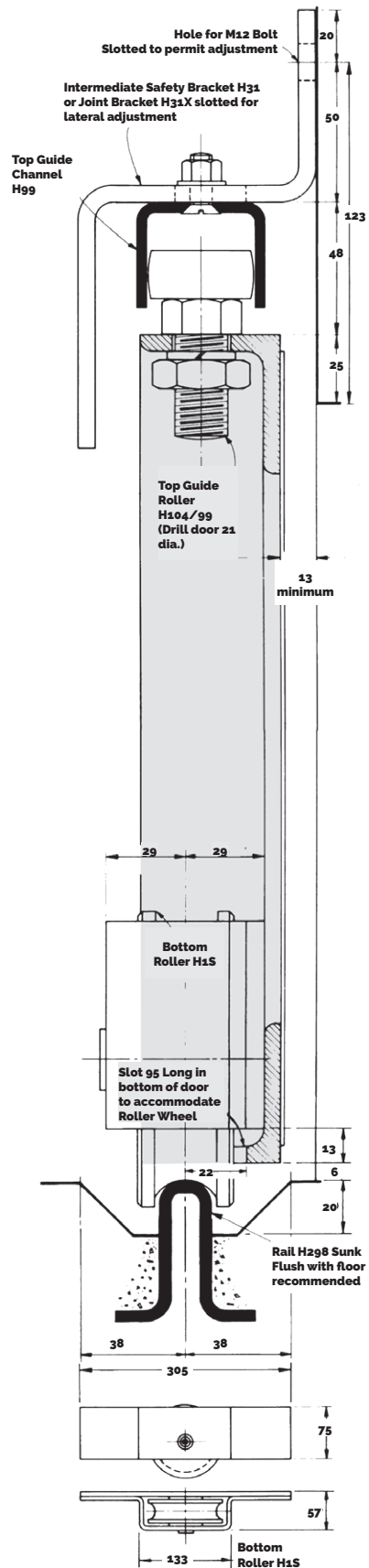
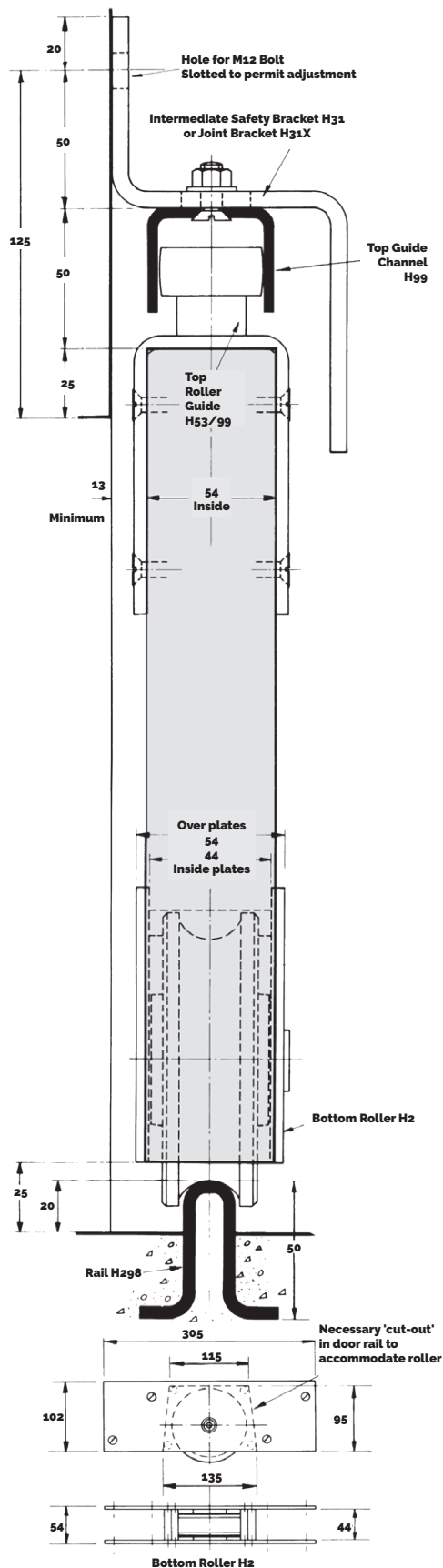
DOOR SPECIFICATION

Rail System	Sterling 350
For Individual Door Leaves:	
Max Door Weight	350kg
Min Door Thickness	44-54mm
Max Door Height	4000mm
Doors can be constructed with a deep bottom section of minimum depth of 230mm.	

STERLING 350

HENDERSON

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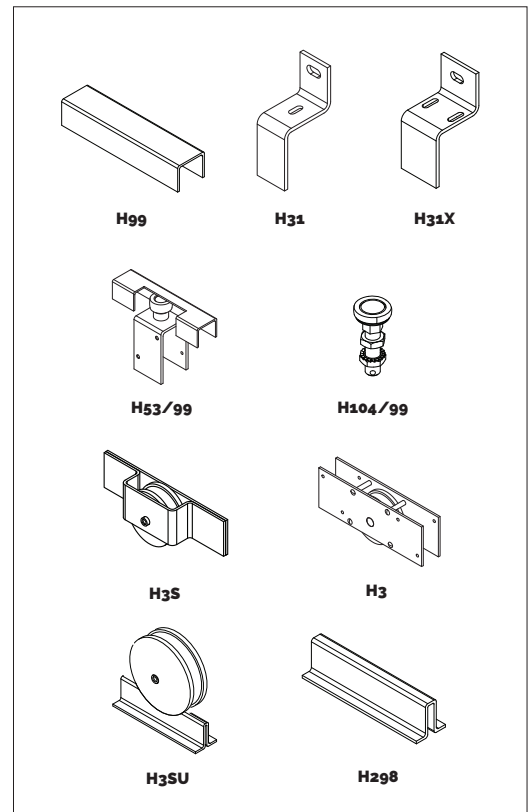
STERLING 800

HENDERSON

**For bottom rolling timber or metal doors.
Max 800kg each leaf.**

APPLICATION

- For timber or metal doors on exterior applications
- Designed for commercial or industrial straight sliding partitions
- Suited for where the supporting structure or lintel is insufficient for the weight of the door or where headroom is limited
- To cover any width of opening, any number of doors can be used on single or multiple lines
- The top guide channel can be soffit or face fixed
- The bottom rail can be recessed allowing traffic to pass over the rail without obstruction
- Where fitted externally, a canopy is recommended to protect the top guide channel, brackets and top guide rollers



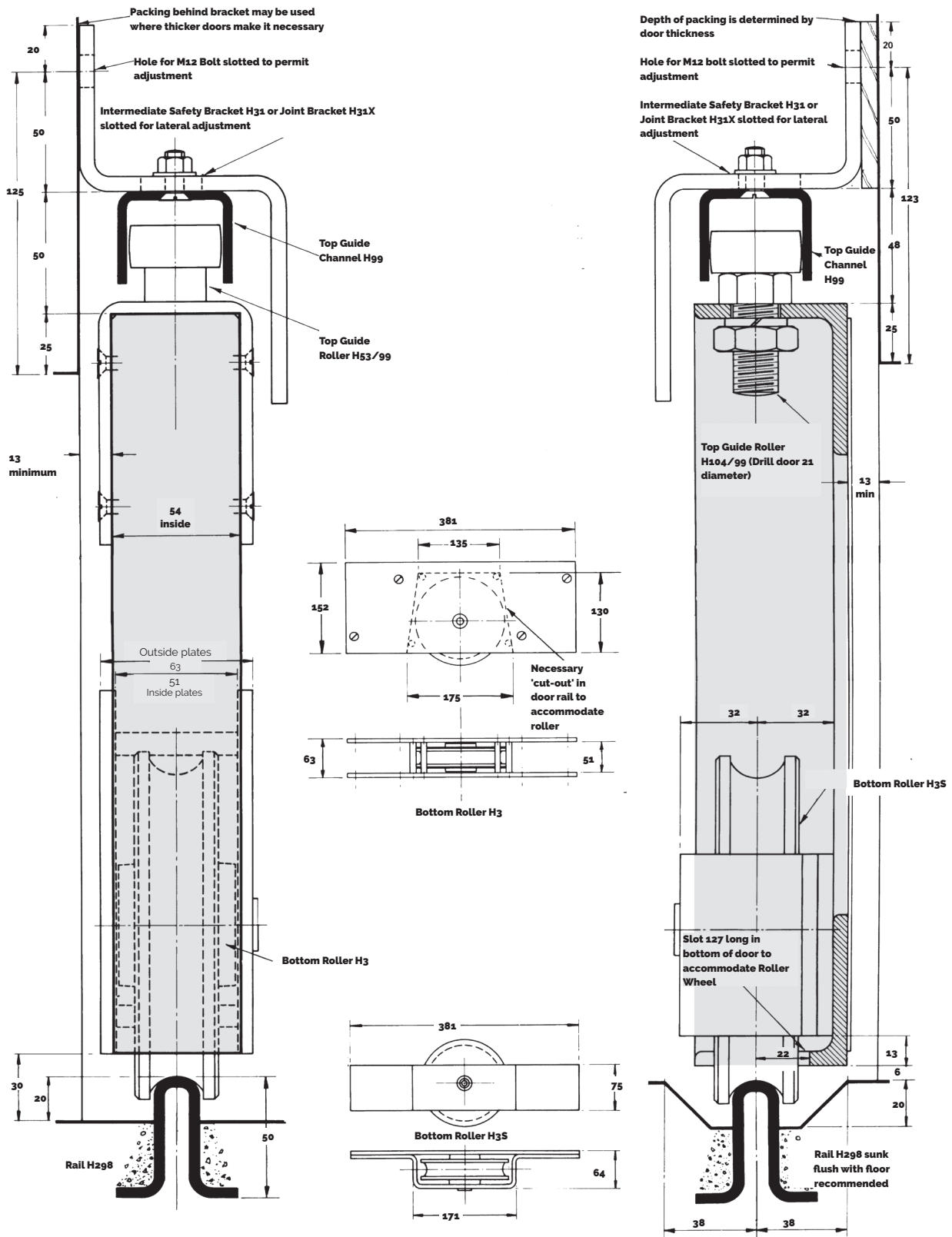
HARDWARE SPECIFICATION		
Top Guide Channel	H99	Heavy duty galvanised steel (2000, 2500 & 3000mm lengths)
Top Guide Brackets	H31	For single line - face fixed pressed steel
	H31X	Single line jointing - face fixed pressed steel
	H35	For double line - face fixed pressed steel
	H35X	Double line jointing - face fixed pressed steel Fix at 900mm centres (max.)
Top Guide Rollers (2 per door)	H53/99	Timber doors in industrial applications
	H104/99	Metal doors in industrial applications
Bottom Rollers (2 per door)	H3	Timber doors - zinc plated
	H3S	Metal doors - zinc plated
	H3SU	Metal doors (bolt on) - zinc plated
Bottom Rail	H298	Galvanised steel (2000, 2500 & 3000mm lengths)
Accessories		
Flush Pull	H414	Diecast aluminium, 133 x 60mm
Bow Handle	H463	Zinc plated cast iron, 159 x 46mm
	H464	Zinc plated cast iron 261 x 62mm
Bolts	H994	Surface bolt, 380mm, zinc plated steel

DOOR SPECIFICATION	
Track System	Sterling 800
For Individual Doors:	
Max Door Weight	800kg
Min Door Thickness	54-63mm
Max Door Height	5200mm
Doors can be constructed with a deep bottom section of minimum depth of 230mm.	

STERLING 800

HENDERSON

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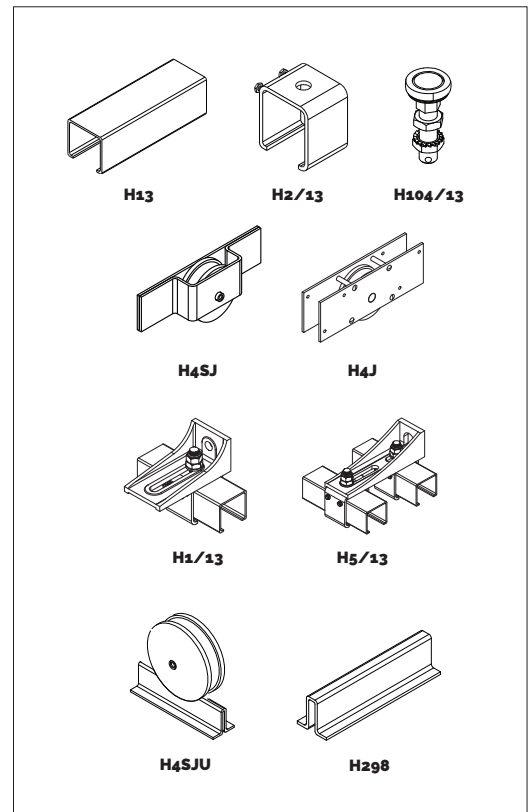
STERLING 2000

HENDERSON

**For bottom rolling timber or metal doors.
Max 2000kg each leaf.**

APPLICATION

- For timber or metal doors on exterior applications
- Designed for commercial or industrial straight sliding partitions
- Suited for where the supporting structure or lintel is insufficient for the weight of the door or where headroom is limited
- To cover any width of opening, any number of doors can be used on single or multiple lines
- The top guide channel can be soffit or face fixed
- The bottom rail can be recessed allowing traffic to pass over the rail without obstruction
- Where fitted externally, a canopy is recommended to protect the top guide channel, brackets and top guide rollers



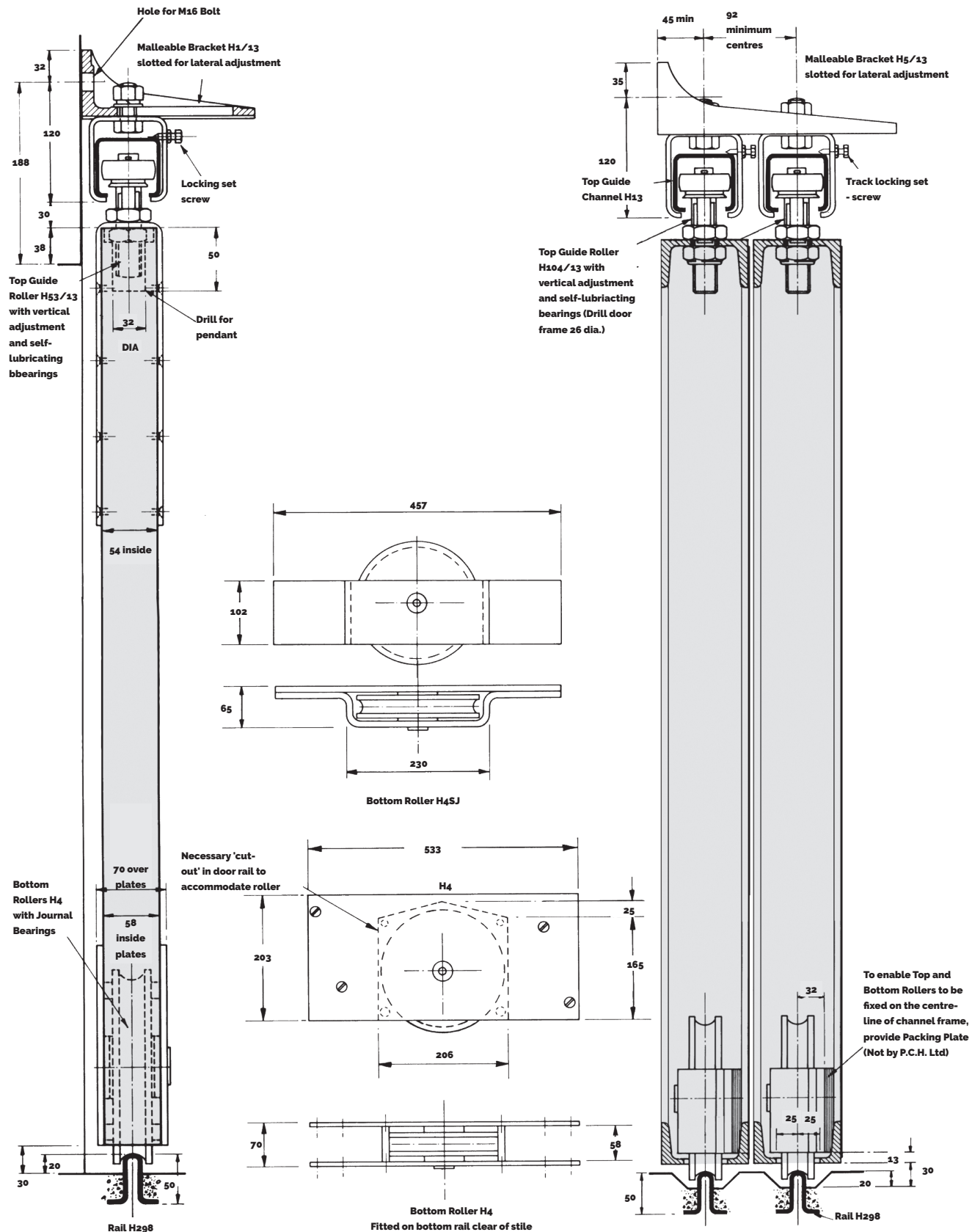
HARDWARE SPECIFICATION		
Top Guide Channel	H13	Heavy duty rolled galvanised steel (2000, 2500 & 3000mm lengths)
Top Guide Brackets	H1/13	For single line - face fixed pressed steel
	H2/13	For single line - soffit fixed pressed steel
	H5/13	For double line - face fixed pressed steel Fix at 900mm centres (max.)
Top Guide Rollers (2 per door)	H53/13	Timber doors in industrial applications
	H104/13	Metal doors in industrial applications
Bottom Rollers (2 per door)	H4J	Timber doors - zinc plated
	H4SJ	Metal doors - zinc plated
	H4SJU	Metal doors (bolt on) - zinc plated
Bottom Rail	H298	Galvanised steel (2000, 2500 & 3000mm lengths)
Accessories		
Flush Pull	H414	Diecast aluminium, 133 x 60mm
Bow Handle	H463	Zinc plated cast iron, 159 x 46mm
	H464	Zinc plated cast iron, 261 x 62mm
Bolts	H994	Surface bolt, 380mm, zinc plated steel

DOOR SPECIFICATION	
Rail System	Sterling 2000
For Individual Doors:	
Max Door Weight	2000kg
Min Door Thickness	58-70mm
Max Door Height	7500mm
Doors can be constructed with a deep bottom section of minimum depth of 300mm. For ease of operation, it is recommended the door width be at least 50% of the door height.	

STERLING 2000

HENDERSON

**DRAWING IS
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STERLING 3600 & 8000

HENDERSON

**For bottom rolling timber or metal doors.
Max 3600kg or 8000kg each leaf.**

APPLICATION

- For very high and heavy straight sliding industrial doors
- The bottom rollers are designed for each individual application and are dependent on the thickness of the door
- The top guide channel is to be designed and incorporated into the building structure. (This is not supplied by PC Henderson)
- To cover the width of opening, any number of doors can be used on single or multiple lines
- Doors can be manually operated via mechanical operated drive unit and can be adapted for electrical operation



HARDWARE SPECIFICATION		
Top Guide Channel	The top guide channel should be fabricated from rolled steel section which is incorporated into the building structure	
Top Guide Rollers (4 per door)	H104S	Timber or metal doors - steel zinc plated (125, 175, and 200mm diameters to suit respective door heights 7000mm, 12500mm, 20000mm)
Bottom Rollers (2 per door)	H3600GO	Timber or metal doors - gear operated (Sterling 3600)
	H3600IR	Timber or metal doors - idler (Sterling 3600)
	H8000GO	Timber or metal doors - gear operated (Sterling 8000)
	H8000IR	Timber or metal doors - idler (Sterling 8000)
	To enable manual operation, gear operated bottom rollers must be used in conjunction with mechanical operated drive unit and crank handle	
Bottom Rail	H297	Heavy duty section (2700mm standard length)

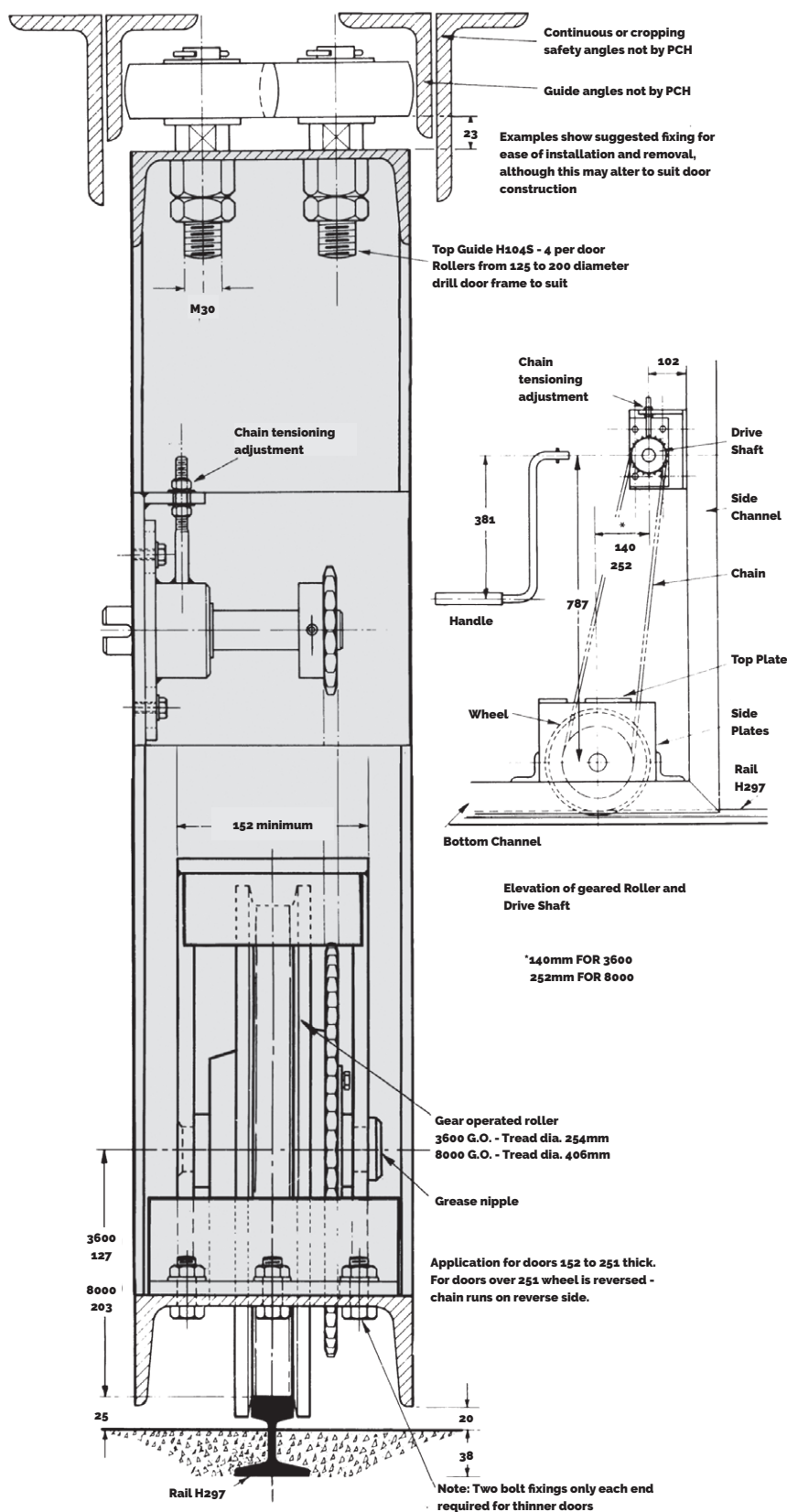
DOOR SPECIFICATION		
Rail System	Sterling 3600	Sterling 8000
For Individual Doors:		
Max Door Weight	3600kg	8000kg
Min Door Thickness	152mm (min.)	152mm (min.)
Max Door Height	12500mm	20000mm
Door design must be carried out by an engineer. The doors should be constructed to prevent any door twist. The bottom rail must be set level and maybe recessed for protection from traffic.		

For information on Henderson parts please contact your technical sales team.

STERLING 3600 & 8000

HENDERSON

**DRAWING IS
NOT TO SCALE**



SECTION D



INTERIOR FOLDING SYSTEMS

Interior folding Systems

Section Index and General Guide

Select system for your top hung application.	Residential	Commercial	Industrial	Max. Door	Product	Data Sheet
APPLICATION						
Residential						
For wardrobes	<input type="checkbox"/>			14kg	Bifold	D10
For room dividers	<input type="checkbox"/>			40kg	Husky 25 & 40	D20
For room dividers	<input type="checkbox"/>			40kg	Roomflex 40	D30
For room dividers	<input type="checkbox"/>			50kg	Roomflex 50	D40
Commercial						
For interior residential or commercial partitions. All doors equal width	<input type="checkbox"/>	<input checked="" type="checkbox"/>		75kg	Soltaire Pivotfold 45 & 75	D50
For interior residential or commercial centre folding partitions	<input type="checkbox"/>	<input checked="" type="checkbox"/>		75kg	Soltaire Centrefold 45 & 75	D60

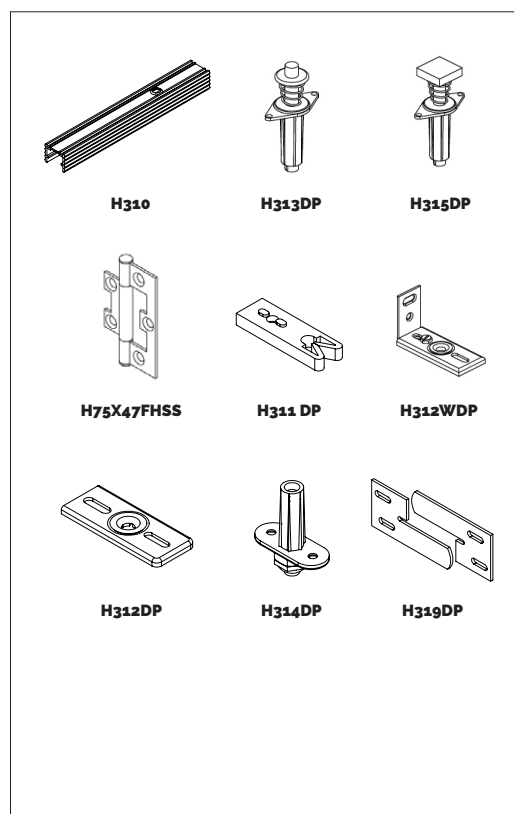
BIFOLD

HENDERSON

For folding wardrobe doors. Max 14kg.

APPLICATION

- Stable and smooth opening system for wardrobe doors that can complement any bedroom
- System allows for doors to fold back completely
- Silent and easy to fix
- Designed for timber, timber framed or composite doors
- Suitable for jambless openings



HARDWARE SPECIFICATION

Track	H310	Aluminium (762, 1067, & 3000mm lengths)
Pivots	H311DP	Top pivot socket
	H312DP	Bottom pivot socket
	H312WDP	Bottom pivot socket wall fix (Optional, not supplied in sets)
	H313DP	Top pivot
	H314DP	Bottom pivot
	H289B	Bottom pivot set
Guide	H315DP	Nylon spring loaded guide
Hinge	H282/HD	Butt hinge
	H75X47FHSS	Stainless steel fast fix hinge (Optional, not supplied in sets)
	H319DP	Door aligner

DOOR SPECIFICATION

Track System	Bifold
For Individual Doors:	
Max Door Weight	14kg
Max Door Width	530mm
Door Thickness	20-35mm
Max Door Height	2400mm

STANDARD SETS AND PACK

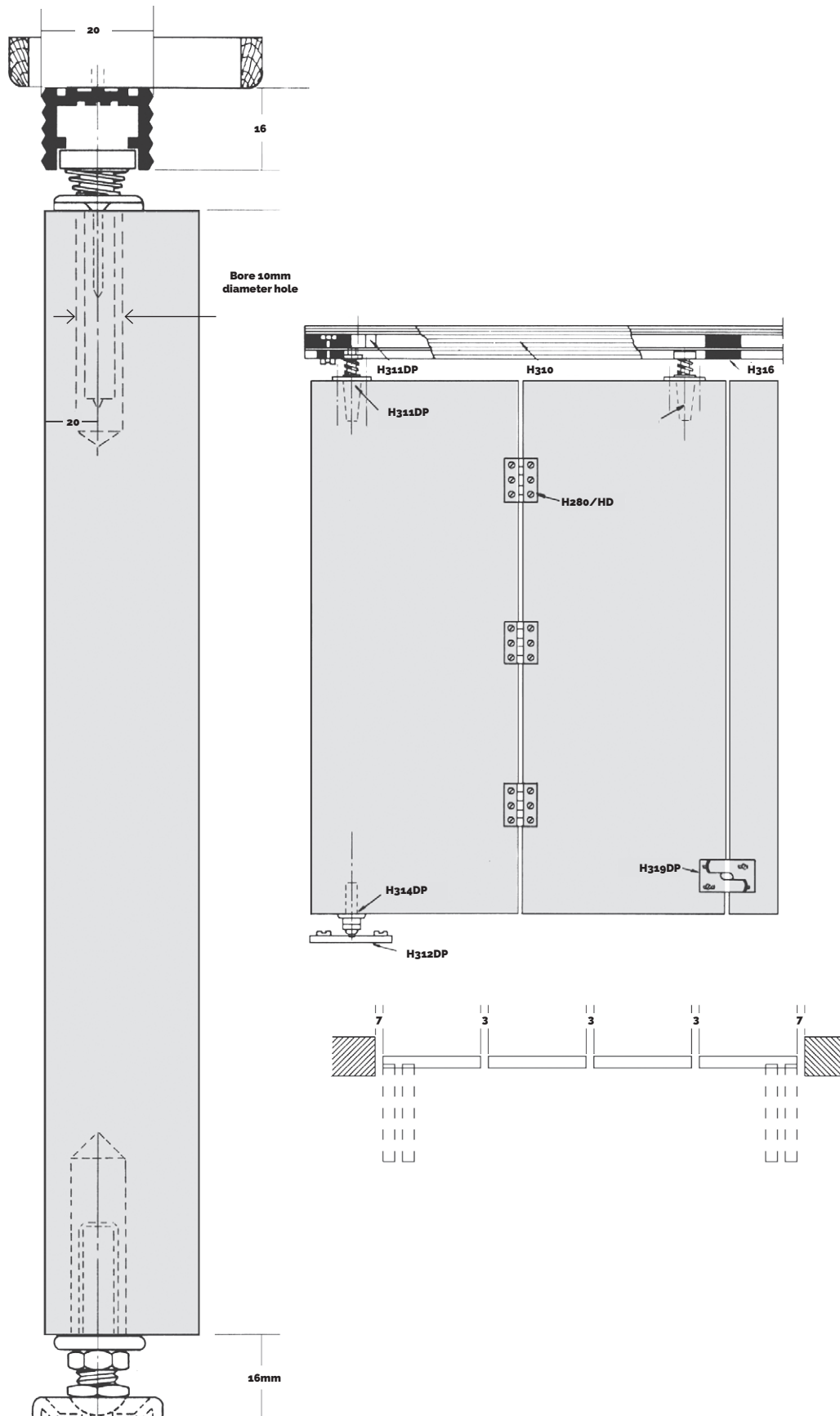
Sets comprise of track, top and bottom pivots, guides, hinges, all screws & fitting instructions.

Set No.	Track Length	Hardware for
HB10/2	1065mm	2 doors
HB15/4	1525mm	4 doors (2 doors to each side)
HB20/4	2135mm	4 doors (2 doors to each side)
HB25/4	2460mm	4 doors (2 doors to each side)

BIFOLD

HENDERSON

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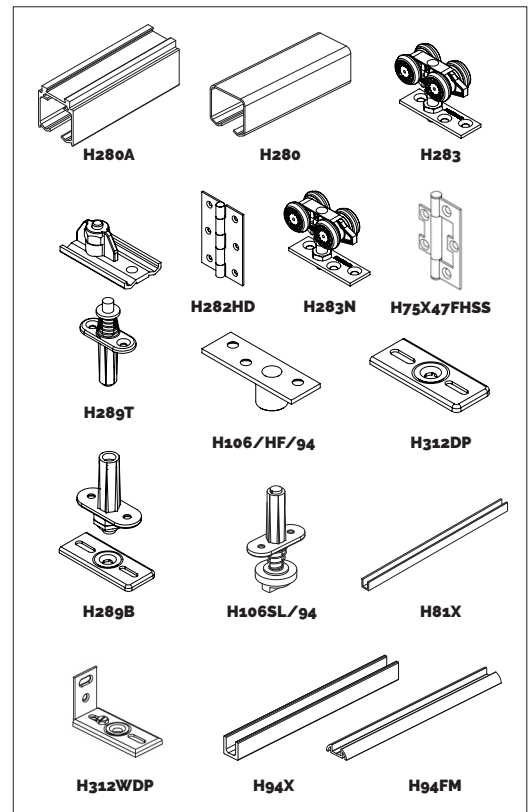
HUSKY 25 & 40

HENDERSON

**For folding doors and room dividers.
Max 25kg or 40kg.**

APPLICATION

- Ideally suited for light to medium weight residential folding partitions
- Concealed fixing
- Suitable for timber, timber framed and composite doors



HARDWARE SPECIFICATION		
Track	H280	Steel (2000, 3000, 4000 & 6000mm lengths)
	H280A	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H280AN	Anodised (2000, 3000, 4000 & 6000mm lengths)
		Soffit fix spacing 275mm centres (maximum)
Pivots	H289T	Top pivot assembly
	H289B	Bottom pivot assembly
Hangers (2 per door)	H283N	Nylon bodied, 4-wheel adjustable hanger (Husky 25)
	H283	Nylon bodied, needle roller bearing hanger (Husky 40)
	H312DP	Bottom socket
	H312WDP	Bottom socket wall mount (optional, not supplied in sets)
	H313DP	Top pivot
Hinge	H314DP	Bottom pivot
	H282HD	Husky butt hinge
Guides	H75X47FHSS	Stainless steel flush hinge
	H90X50FHSS	Stainless steel flush hinge
	H106/HF/94	Roller guide
Channels	H106SL/94	Spring loaded guide
	H81X	Aluminium channel (2400 & 3600mm lengths)
	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94FM	Aluminium (2000, 3000, 4000 & 6000mm lengths)

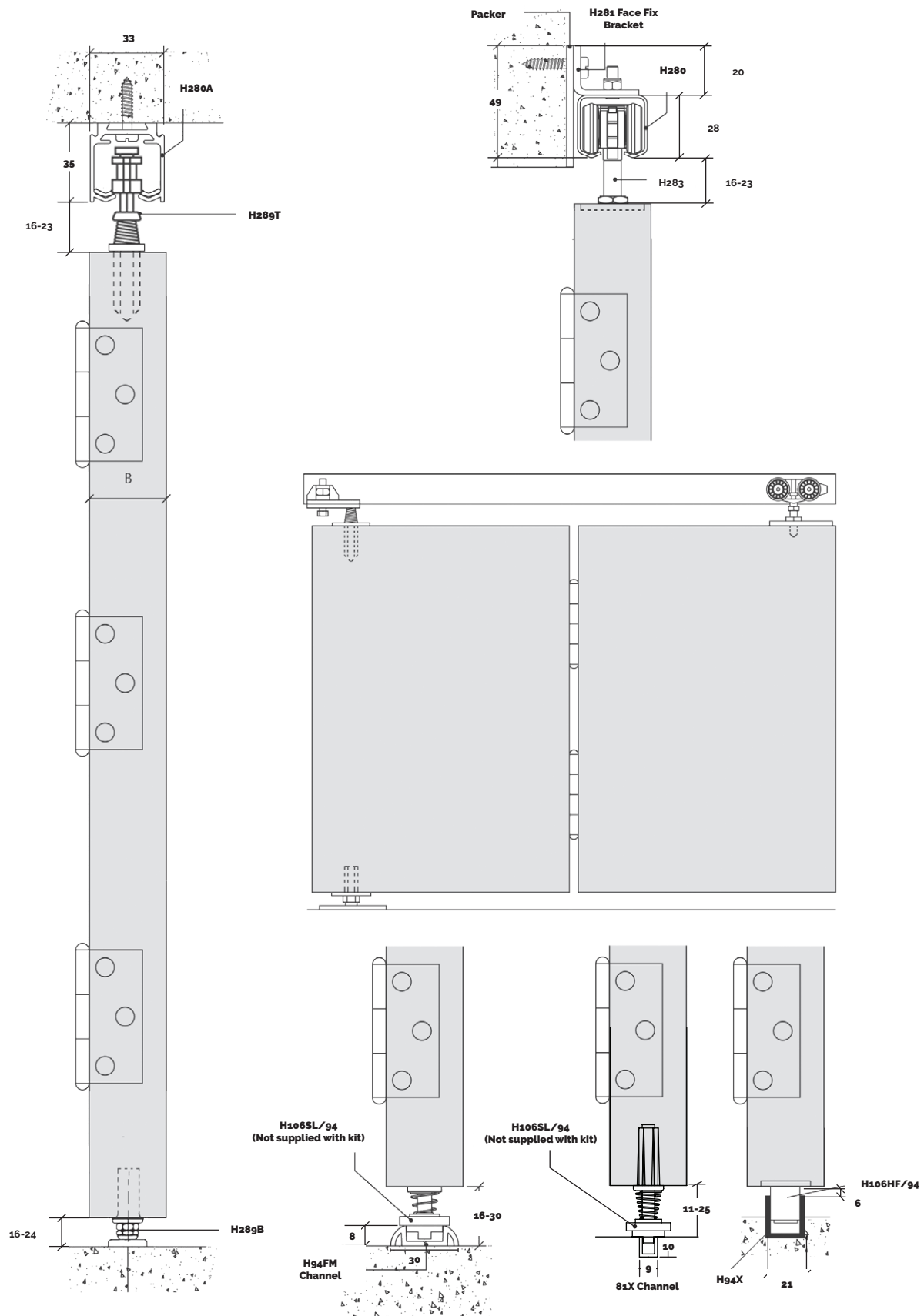
DOOR SPECIFICATION		
Track System	Husky 25	Husky 40
For Individual Doors:		
Max Door Weight	25kg	40kg
Max Door Width	600mm	750mm
Door Thickness	20-40mm	20-40mm
Max Door Height	2400mm	2400mm

STANDARD SETS AND PACK			
Sets comprise of steel track, hangers, top and bottom pivots, guides (Husky 40), hinges, all screws & fitting instructions.			
Husky 25	Husky 40		
Set No.	Set No.	Track Length	Hardware for
HF25/12	-	1200mm	2 doors
HF25/24	-	2400mm	4 doors (all 4 doors to one side)
-	HF40/15	1500mm	2 doors
-	HF40/30	3000mm	4 doors (all 4 doors to one side)
Pack No.		Application	
HF2/25		Two door fittings pack 25kg.	
-	HF2/40	Two door fittings pack 40kg.	
HF4/25		Four door, one end fittings pack 25kg.	
-	HF4/40	Four door, one end fittings pack 40kg.	

HUSKY 25 & 40

HENDERSON

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ROOMFLEX 40KG

HENDERSON

Maximum Door Weight 40kg Each

A minimalistic folding door solution without a bottom channel, the Husky Roomflex 40 is an innovative, internal system for dividing rooms. Catering for doors weighing up to 40kg each, the kit is designed to create and enhance flexible living environments, allowing for a seamless walkway from room to room.

Homeowners can achieve both open and broken plan living by neatly storing the doors to one, or both, sides when the spaces are open, ideal for entertaining or socialising. The system combines the space saving benefits of folding doors, without compromising on style or function. A range of configurations can be created by combining the different kits available.

Roomflex 40 Kit Includes:

- Pivot Sets
- Hinge Handle Set (kit dependent)
- Offset Handle Hinge Set (kit dependent)
- Hanger Set (kit dependent)
- 110mm Flush Bolts
- Screw Pack

You will also need:

- 280HP Track
- Flush pulls and / or handles



PRODUCT AND DOOR SPECIFICATION						
Kit Short Code	Door Configuration	Kit Contents	Max. Door Height	Max. Door Width	Max. Door Thickness	kg
HRP2/1	2+1	1 x two door kit, 1 x one door pivot kit	3000mm	838mm	35-44mm	40kg
HRP3/0	3	1 x three door kit	3000mm	838mm	35-44mm	40kg
HRP3/1	3+1	1 x three door kit, 1 x one door pivot kit	3000mm	838mm	35-44mm	40kg
HRP3/2	3+2	1 x three door kit, 1 x two door kit	3000mm	838mm	35-44mm	40kg
HRP3/3	3+3	2 x three door kit	3000mm	838mm	35-44mm	40kg

1 Door Pivot Kit

Not for sale individually.
For use with 2 and 3 door kits

Top Pivot

Bottom Pivot

2 Door Pivot Kit

Not for sale individually. For use with 2 and 3 door kits

Top Pivot

Bottom Pivot

Hinge Handle Set

Flush Bolt Set

2,3&5mm

3 Door Pivot Kit

Can be sold individually and for use with 3 door kits

Top Pivot

Bottom Pivot

Offset Hinge Handle Set

Intermediate Hinge Handle Set

Flush Bolt Set

2,3&5mm

ROOMFLEX 40KG

HENDERSON

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Diagram 1 - Section View

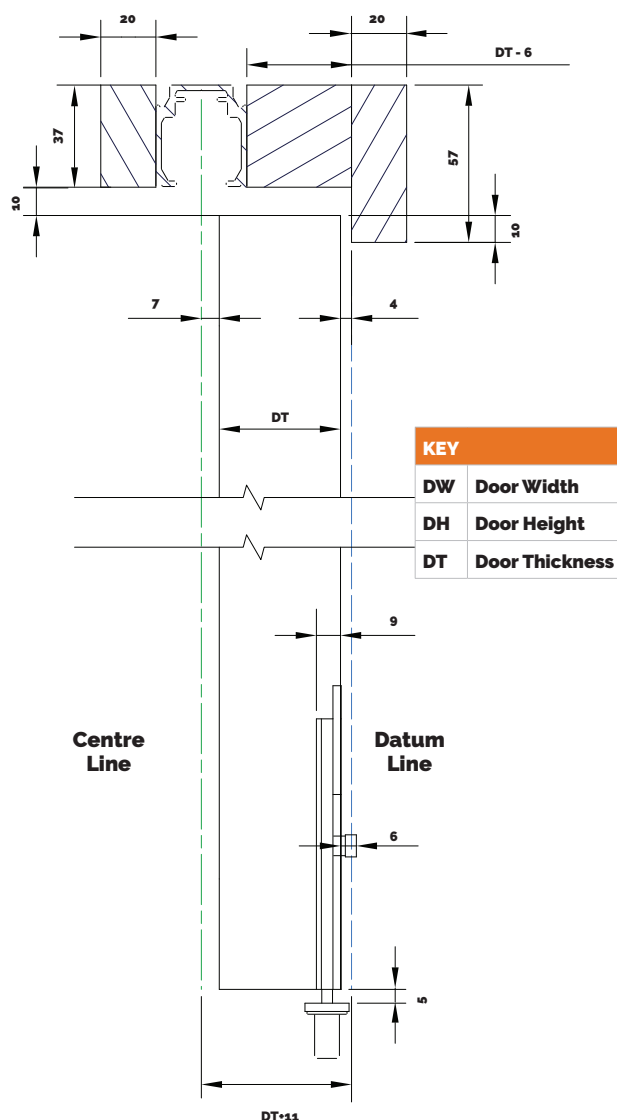
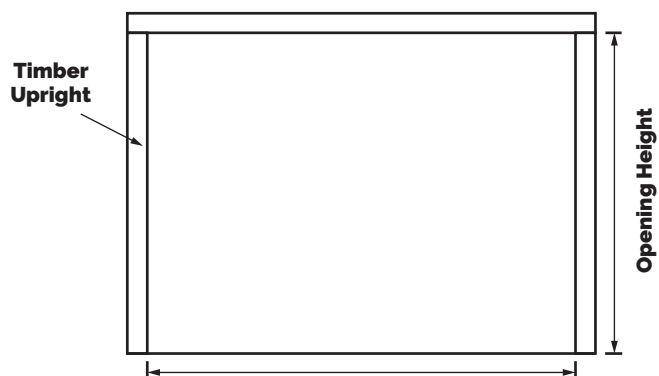
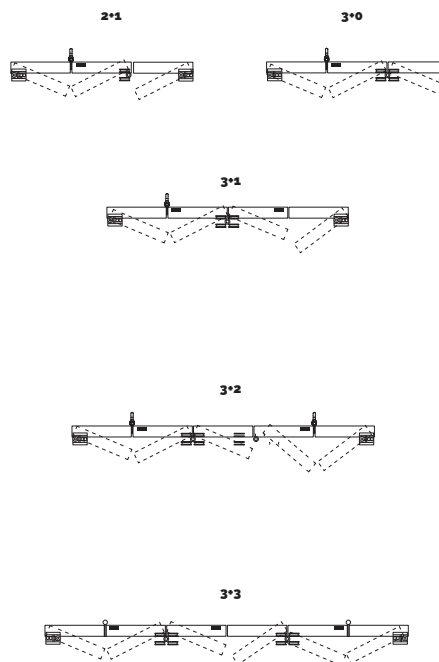


Diagram 2 - Section View



Configuration



OPEN SIZE FORMULA

Door Configuration	Opening Width	Opening Height
2+1	(D X 3) +18	DH+52
3+0	(D X 3) +18	
3+1	(D X 4) +21	
3+2	(D X 5) +24	
3+3	(D X 6) +27	

ROOMFLEX 50KG

HENDERSON

Maximum Door Weight 50kg Each

Roomflex is an innovative, internal folding door system, designed to create and enhance flexible living environments. Unlike other internal folding door systems, Roomflex has been designed to completely eliminate the need for a bottom channel, allowing for an aesthetically pleasing, seamless walkway from room to room. Homeowners can combine both open and broken plan living by neatly storing the doors to one side when the spaces are opened for entertaining or socialising. When closed, the smaller rooms can be used for independent activities

APPLICATION

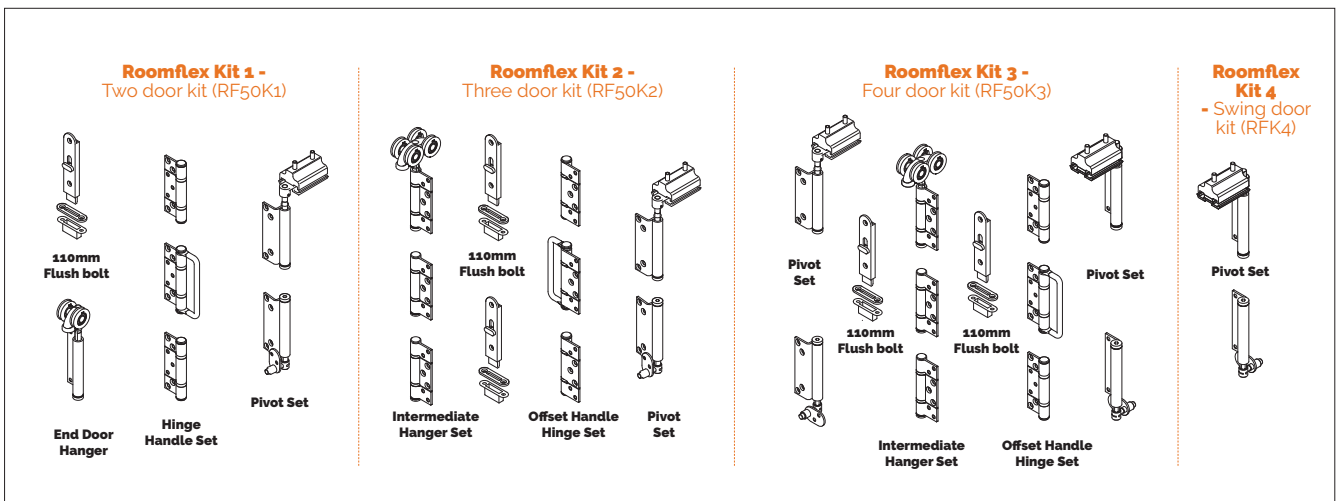
- Residential and commercial timber folding application
- Ending folding timber doors folding to one of both sides



PRODUCT AND DOOR SPECIFICATION					
Kit Order Code	Door Configuration	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
HRF50K1	2	3000mm	926mm	35-44mm	50kg
HRF50K2	3	3000mm	926mm	35-44mm	50kg
HRF50K3	4 (3+1)	3000mm	926mm	35-44mm	50kg
HRFK4	Swing door	3000mm	926mm	35-44mm	50kg

TRACK SPECIFICATION - Track must be purchased in addition to kit		OPTIONAL EXTRAS	
Short Code	Description	Seal	
H180/...	Anodised aluminium track in 2000, 3000, 4000, and 6000mm lengths	HAQ63B	Door Perimeter Seal - Brown
		HAQ21B	Frame Perimeter Seal - Brown
		HBS10	Track Seal - Black

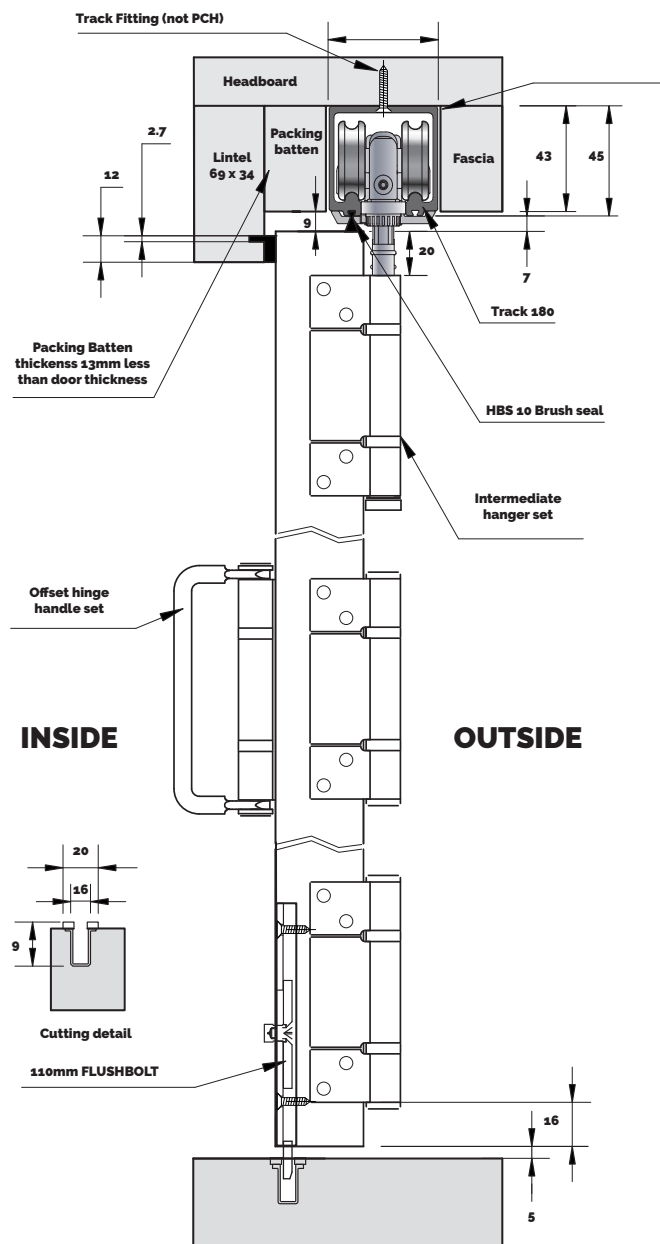
*** Replaced by length or track for full short code.



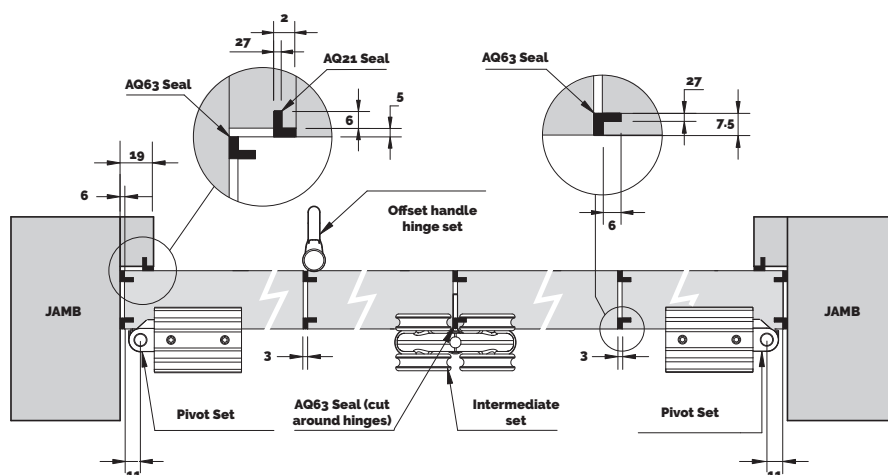
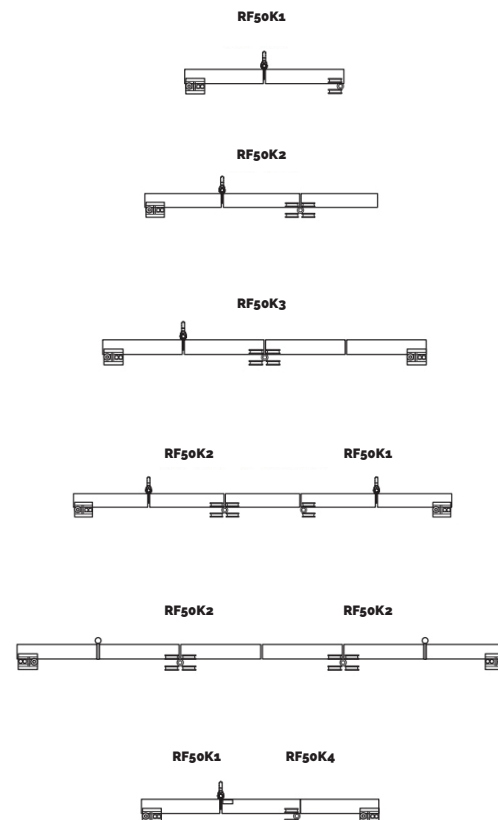
ROOMFLEX 50KG

HENDERSON

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Configuration



Kit RF50K3 Shown

SOLTAIRE PIVOTFOLD

HENDERSON

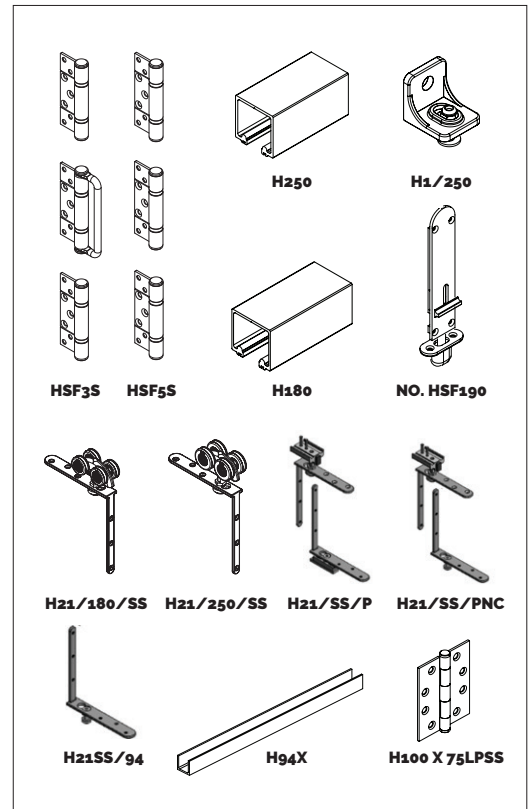
For top hung interior pivot folding partitions. Max 75kg each leaf.

APPLICATION

- Manufactured from high grade 316 stainless steel with anodised aluminium track
- Suitable for residential and commercial pivot folding partition
- The folding unit is not hinged to the jamb, but is pivoted in the track and off the floor
- To cover any width of opening, any number of folding units can be used
- Folding units of up to eight leaves can be pivoted from a post
- Floating units can consist of four, six or eight leaves

HARDWARE SPECIFICATION

Track System		Soltaire 45	Soltaire 75
Track		H180A	H250A
		Anodised aluminium (2000, 3000, 4000 & 6000mm lengths)	
Brush Strips	H1/SS	Face fixed stainless steel. Starting 20mm from end of track fix at 900mm maximum centres.	
Hangers	H21/180/SS	Timber doors 45kg 4 wheel	
	H21/250/SS	Timber doors 75kg 4 wheel	
Pivots	H21/SS/P	Top and bottom pivot channel fix	
	H21/SS/PNC	Top and bottom pivots no channel	
Hinges	HSF3S	Hinges HSF3S Non-mortice hinge handle set. (includes 2 hinges and 1 hinge handle)	
	HSF5S	Non-mortice hinge set (includes 3 hinges)	
	H100X75LPSS	Stainless steel butt hinge	
	H100X75DHSS	Stainless steel D Handle butt hinge	
Guides	H21SS/94	Angle plate fixing stainless steel	
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)	
	H89SS	Stainless steel (2000 & 3000mm lengths)	
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)	
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)	
Flushbolts	H190S	190mm flushbolt non-locking	
	H190LS	190mm flushbolt locking	
	H450S	450mm flushbolt non-locking	
	H450LS	450mm flushbolt locking	
	H600S	600mm flushbolt non-locking	
	H600LS	600mm flushbolt locking	



DOOR SPECIFICATION

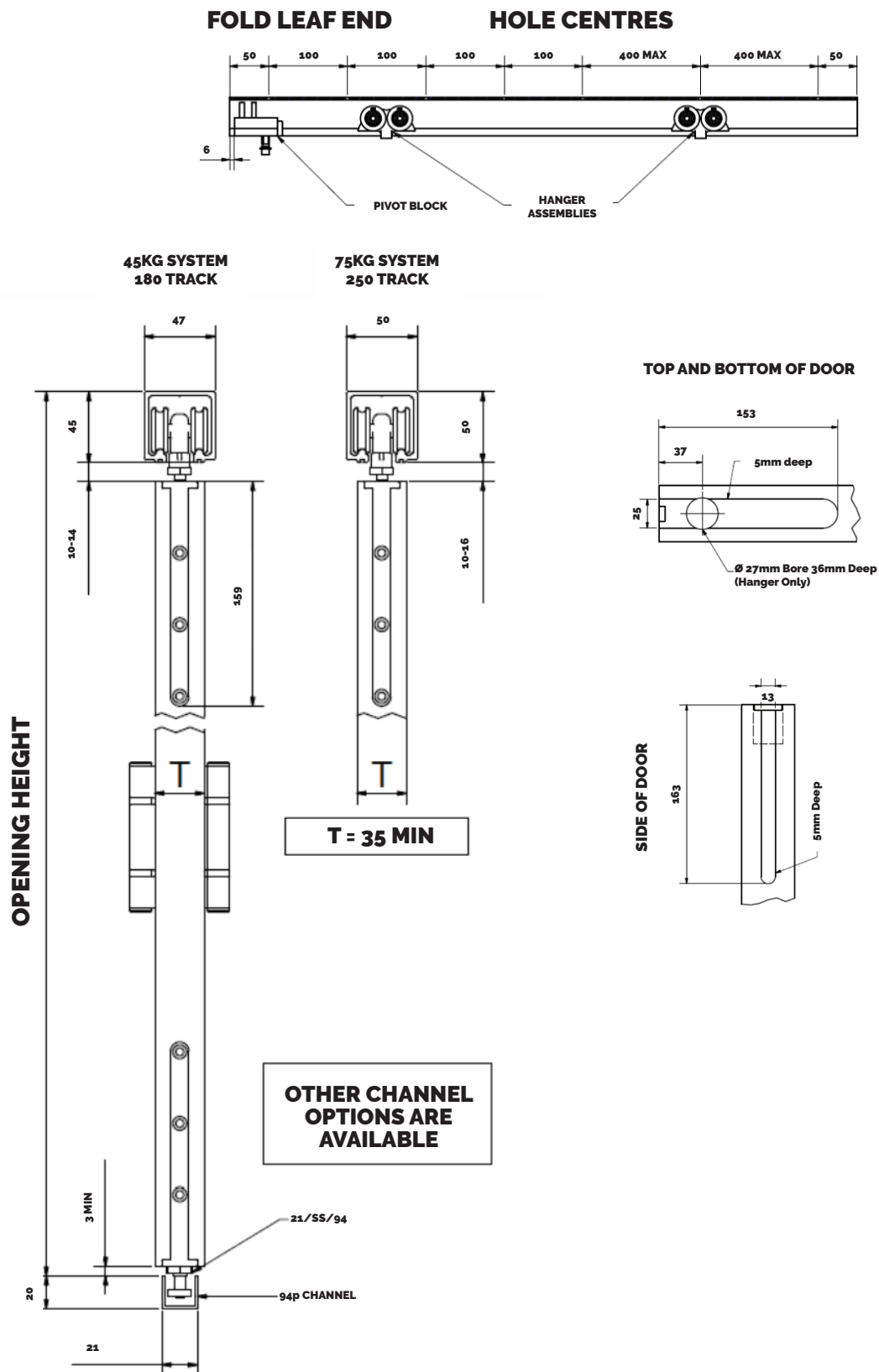
Track System	Soltaire 45	Soltaire 75
For Individual Doors Leaves:		
Max Door Weight	45kg	75kg
Max Door Width	900mm	900mm
Door Thickness	35-56mm	35-56mm
Max Door Height	3000mm	3300mm



SOLTAIRE PIVOTFOLD

HENDERSON

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SOLTAIRE CENTREFOLD

HENDERSON

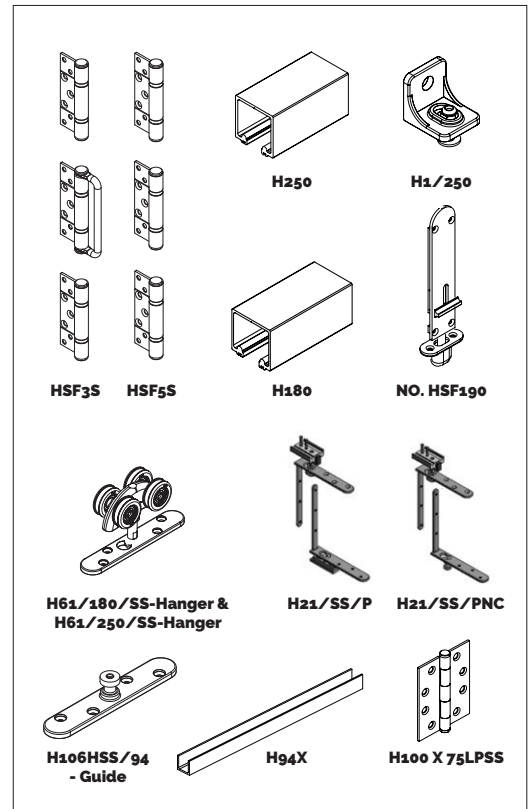
For top hung interior centre folding partitions. Max 75kg each leaf.

APPLICATION

- Manufactured from high grade 316 stainless steel with an anodised aluminium track
- Suitable for residential and commercial centre folding partition
- The leaves are hung centrally under the lintel and can fold to one or both sides
- Folding units of up to 7 full leaves and 1 half leaf can be hinged to a post
- Floating units consists of five, seven or nine full leaves
- To cover any width of opening, any number of folding units can be used

HARDWARE SPECIFICATION

Track System		Soltaire 45	Soltaire 75
Track		H180A	H250A
		Anodised aluminium (2000, 3000, 4000 & 6000mm lengths)	
Brush Strips	H1/SS	Face fixed stainless steel. Starting 20mm from end of track fix at 900mm maximum centres.	
Hangers	H61/180/SS	Timber doors 45kg 4 wheel	
	H61/250/SS	Timber doors 75kg 4 wheel	
Pivots	H21/SS/P	Top and bottom pivot channel fix	
	H21/SS/PNC	Top and bottom pivots no channel	
Hinges	HSF3S	Hinges HSF3S Non-mortice hinge handle set. (includes 2 hinges and 1 hinge handle)	
	HSF5S	Non-mortice hinge set (includes 3 hinges)	
	H100X75LPSS	Stainless steel butt hinge	
	H100X75DHSS	Stainless steel D Handle butt hinge	
Guides	H106HSS/94	Flat plate fixing stainless steel	
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)	
	H89SS	Stainless steel (2000 & 3000mm lengths)	
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)	
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)	
Flushbolts	H190S	190mm flushbolt non-locking	
	H190LS	190mm flushbolt locking	
	H450S	450mm flushbolt non-locking	
	H450LS	450mm flushbolt locking	
	H600S	600mm flushbolt non-locking	
	H600LS	600mm flushbolt locking	



DOOR SPECIFICATION

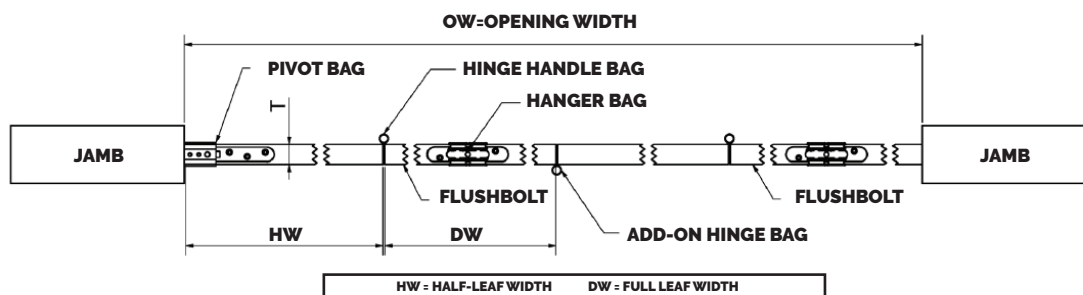
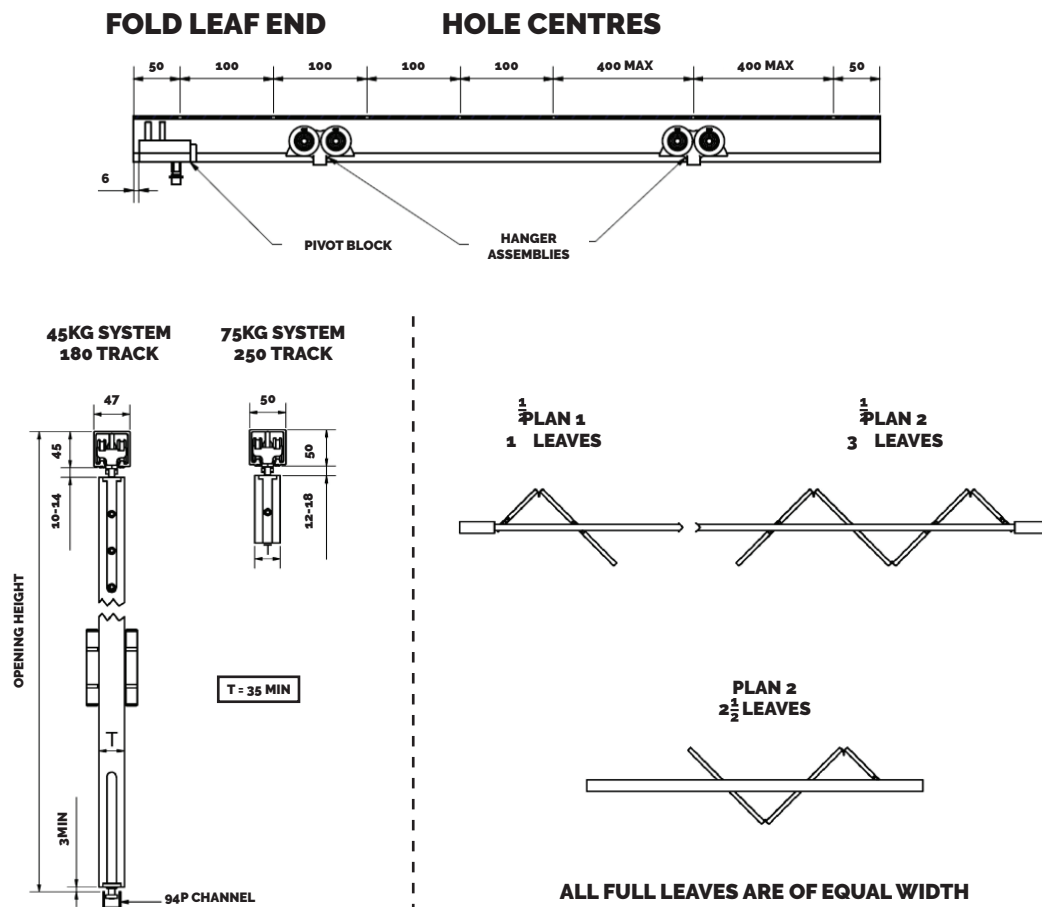
Track System	Soltaire 45	Soltaire 75
For Individual Doors Leaves:		
Max Door Weight	45kg	75kg
Max Door Width	900mm	900mm
Door Thickness	35-56mm	35-56mm
Max Door Height	3000mm	3300mm



SOLTAIRE CENTREFOLD

HENDERSON

**DRAWING IS
NOT TO SCALE**



Door Width Calculations			
Number of Full Doors	Number of Half Doors	Door Width	Half Door Width
1	1	$((2 \times OW) - 115)/3$	$(DW + 75)/2$
3		$((2 \times OW) - 127)/7$	
5		$((2 \times OW) - 139)/11$	
7+		$((2 \times OW) - X)/(2 \times N) + 1$	
2	2 (1 Half door at either end)	$(OW - 101)/3$	$(DW + 75)/2$
4		$(OW - 107)/5$	
6		$(OW - 113)/7$	
8+		$(OW - Y)/(N + 1)$	

Key	
OW	Opening Width
DW	Door Width
HW	Half-Door Width
N	Number of Full Doors
X	$(6 \times N) + 109$
Y	$(3 \times N) + 95$




SECTION E



EXTERIOR FOLDING SYSTEMS

Exterior folding Systems

Section Index and General Guide

Select system for your top hung application.	Residential	Commercial	Industrial	Max. Door	Product	Data Sheet
APPLICATION						
Residential						
For Exterior Residential folding doors and windows				33-40kg	Timbafold	E10
Commercial						
For Exterior Residential and Commercial folding doors				100kg	Securefold 100 - Non-Mortice.	E20
For Exterior Residential and Commercial folding doors				100kg	Securefold 100 - Radius Morice.	E30

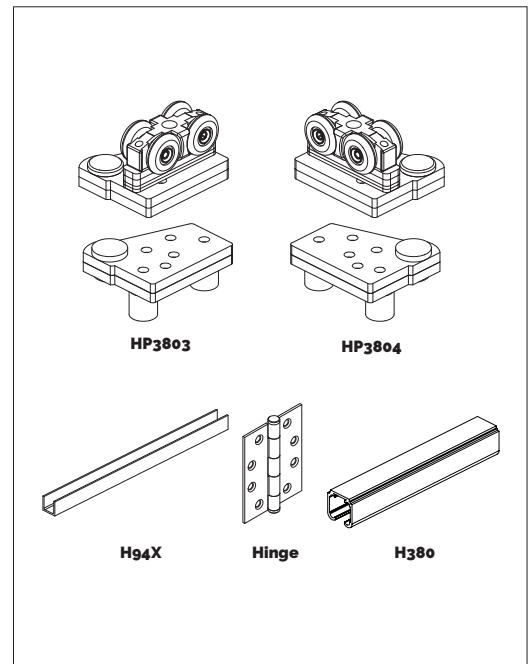
TIMBAFOLD

HENDERSON

For top hung exterior folding doors and windows. 33-40kg each leaf.

APPLICATION

- For residential folding doors and windows where waterproofing of the opening is required



HARDWARE SPECIFICATION		
Track	H380	Aluminium mill (2000, 3000, 4000 & 6000mm lengths)
		Soffit fix spacing 600mm centres (maximum)
Hanger Sets	HP3801	Left hand - window application (incl. hanger and guide)
	HP3802	Right hand - window application (incl. hanger and guide)
	HP3803	Left hand - door application (incl. hanger and guide)
	HP3804	Right hand - door application (incl. hanger and guide)
Hinge Sets (to suit 2 panels)	HP75*	Window hinge pack, 75 x 63mm (includes 5 hinges and 1 hinge handle)
	HP100*	Door hinge pack, 100 x 75mm (includes 5 hinges and 1 hinge handle)
	* Select finish: Stainless steel (SS), polished brass (PB)	
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Individual Hinges	H75X63FP*	Window hinge, 75 x 63mm fixed pin
	H75X63DH*	Window hinge handle, 75 x 63mm
	H100X75FP*	Door hinge, 100 x 75mm fixed pin
	H100X75DH*	Door hinge handle, 100 x 75mm
	* Select finish: Stainless steel (SS), polished brass (PB)	
Individual Components	HC2440	Tophanger LH window
	HC2441	Tophanger RH window
	HC2442	Bottom guide LH window
	HC2443	Bottom guide RH window
	HC2450	Tophanger RH window
	HC2451	Tophanger LH window
	HC2452	Bottom guide RH window
	HC2453	Bottom guide LH window

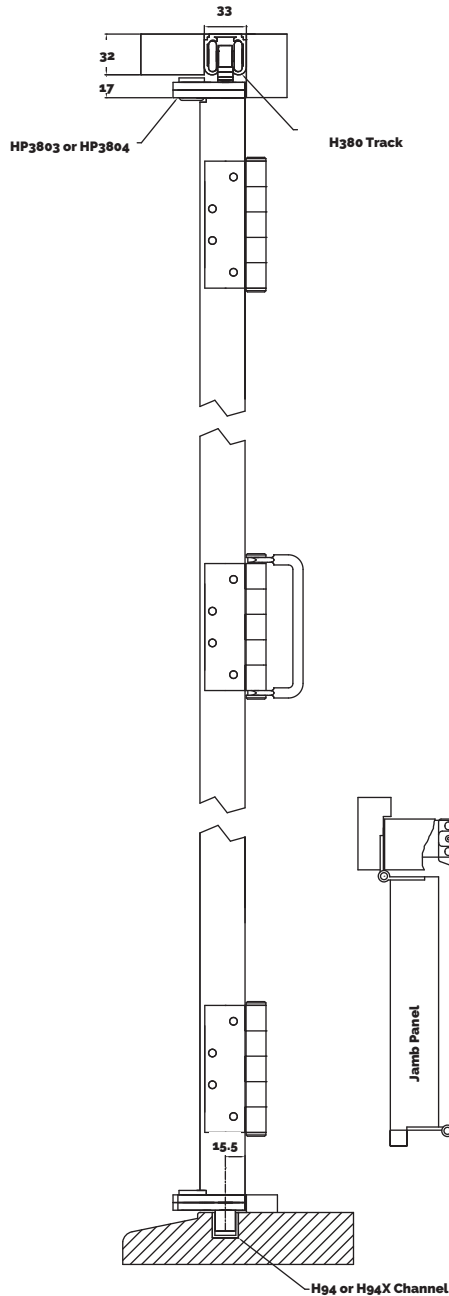
DOOR SPECIFICATION		
Track System	Timbafold (Window)	Timbafold (Door)
For Individual Doors:		
Max Panel Height	2100mm	2700mm
Max Panel Weight	30kg (or 20kg for units with a swing sash)	40kg (or 33kg for units with a swing door)
Max Panel Width	760mm (or 660mm for swing sash)	810mm
Max Panel Thickness	35-40mm	35-40mm
Max Number of Panels	6 each direction	6 each direction
Folding units of up to six leaves can be hinged to post. Floating units consisting of four or six panels.		

TIMBAFOLD

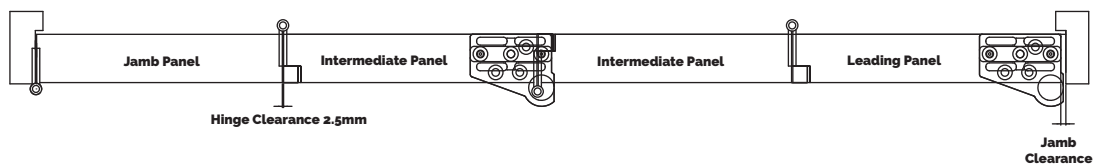
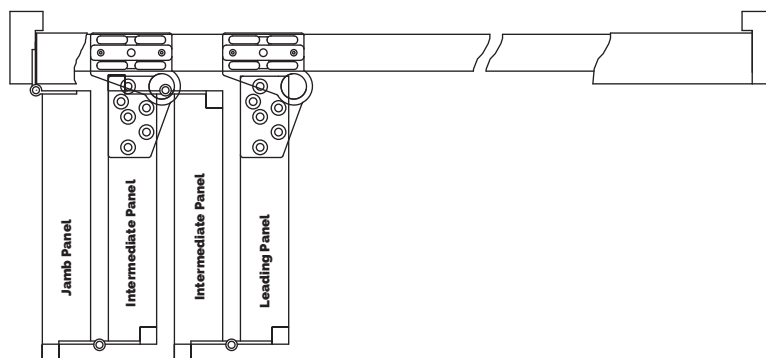
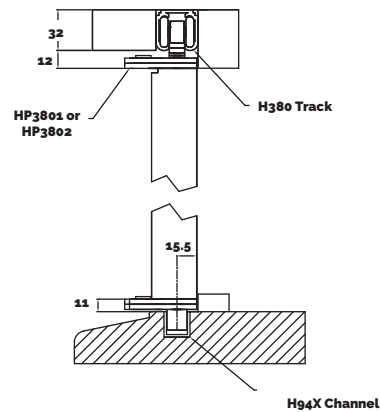
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HENDERSON

Door Application



Window Application



SECUREFOLD PRO 100 (NON-MORTICE)

HENDERSON

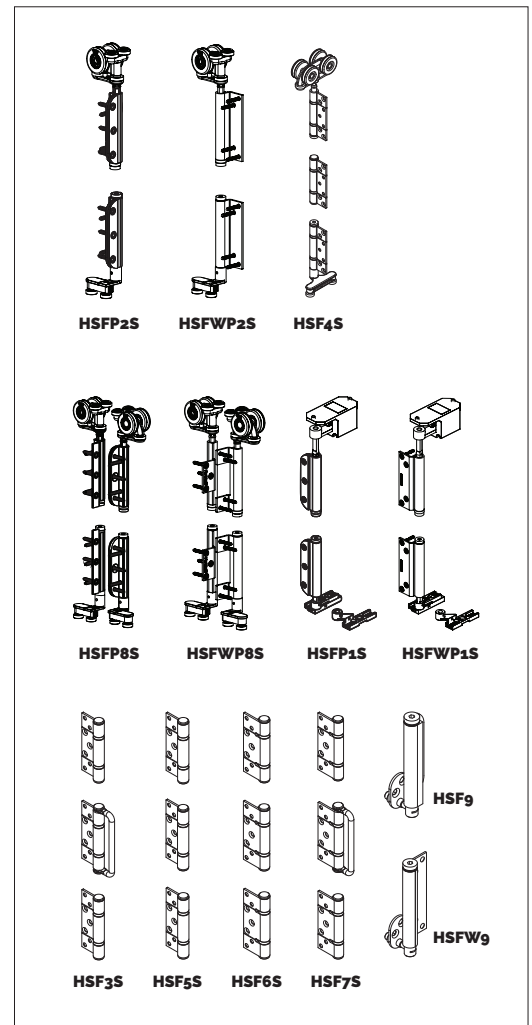
For top hung exterior folding timber and aluminium doors. Max 100kg each leaf.

APPLICATION

- Manufactured from high grade 316 stainless steel and cutting edge polymers with anodised aluminium track
- Ideal for coastal environments or areas requiring a high level of corrosion resistance
- Designed for external outward opening timber and aluminium doors up to 100kg
- Ideal for residential or commercial applications
- Fantastic resistance to the weather.
- System can be customised to suit various applications

HARDWARE SPECIFICATION

Track	H250	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths)
		Soffit fix spacing 900mm centres (maximum)
Hangers	HSFP2S	End hanger set check in - Reversible handing (incl. hanger, guide and hinge)
	HSFWP2S	End hanger set non-mortice wrap around - Reversible handing (incl. hanger and guide)
	HSF4S	Intermediate hanger set (includes hanger, guide and hinge)
	HSFP8S	Meeting door set - rebated (incl. 2 hangers and 2 guides)
	HSFWP8S	Non-mortice meeting door set - non-mortice for square cut doors (includes 2 hangers and 2 guides)
Pivot Sets	HSFP1S	Pivot set check in (incl. top and bottom pivots)
	HSFWP1S	Pivot set non-mortice wrap around (incl. top and bottom pivots)
	HSF9S	Intermediate pivot hinge check in (optional for doors over 2200mm high)
	HSFW9S	Intermediate pivot hinge non-mortice wrap around (optional for doors over 2200mm high)
Hinge Sets	HSF3S	Hinge handle set (incl. 2 hinges and 1 hinge handle)
	HSF5S	Hinge set - inward opening (incl. 3 hinges)
	HSF6S	Offset hinge set - inward opening (incl. 3 offset hinges)
	HSF7S	Offset hinge handle set - outward opening (incl. 2 offset hinges and 1 offset hinge handle)
Channels	H89SS	Stainless steel (2000 & 3000mm length)
	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Flushbolts	HSF190S	190mm non locking flushbolt
	HSF190LS	190mm locking flushbolt
	HSF450S	450mm non locking flushbolt
	HSF450LS	450mm locking flushbolt
	HSF600S	600mm non locking flushbolt
	HSF600LS	600mm locking flushbolt



DOOR SPECIFICATION

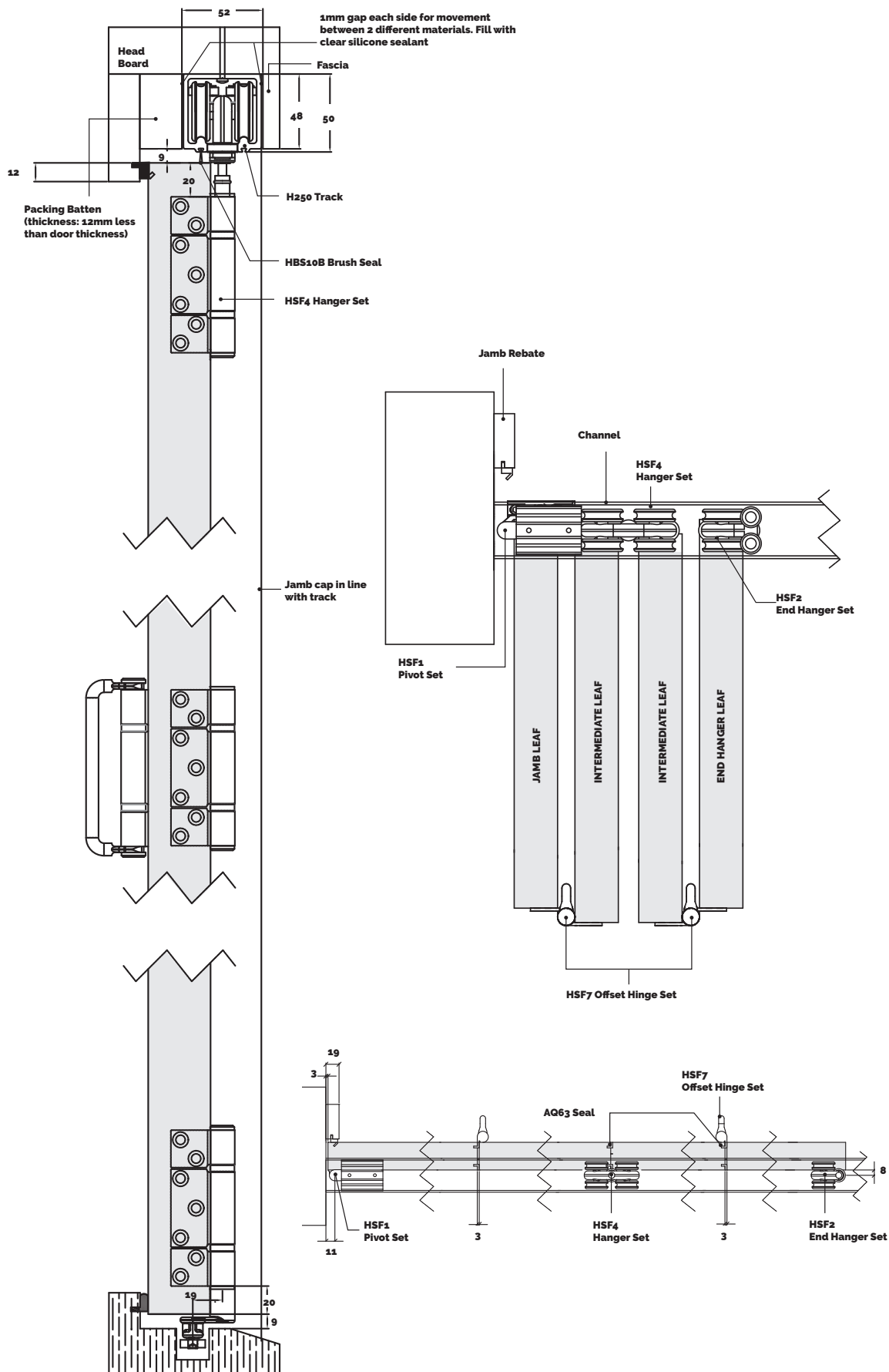
Track System	Securefold 100
For Individual Door Leaves:	
Max Panel Weight	100kg
Max Panel Width	1000mm
Panel Thickness	35-68mm
Max Panel Height	3300mm
For doors between 35-47mm thick use an alternative to the standard flushbolt	



SECUREFOLD PRO 100 (NON-MORTICE)

HENDERSON

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SECUREFOLD PRO 100 (RADIUS MORTICE)

HENDERSON

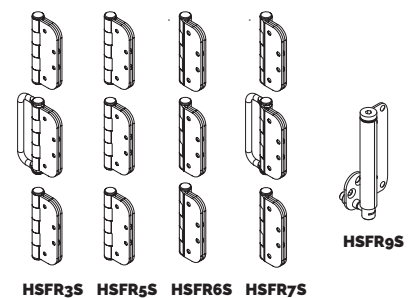
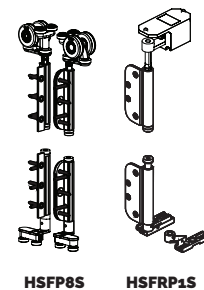
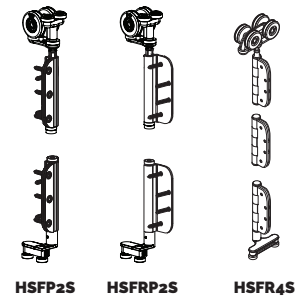
**For top hung exterior folding timber doors.
Max 100kg each leaf.**

APPLICATION

- Manufactured from high grade 316 stainless steel and cutting edge polymers with anodised aluminium track
- Ideal for coastal environments or areas requiring a high level of corrosion resistance
- Designed for external outward opening timber doors up to 100kg
- Ideal for residential or commercial applications
- Fantastic resistance to the weather. System can be customised to suit various applications

HARDWARE SPECIFICATION

Track	H250	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths)
		Soffit fix spacing 900mm centres (maximum)
Hangers	HSFP2S	End hanger set check in - Reversible handing (incl. hanger and guide)
	HSFRP2S	End hanger set mortice wrap around - Reversible handing (incl. hanger and guide)
	HSFR4S	Intermediate hanger set (includes hanger, guide and hinge)
	HSFP8S	Meeting door set - rebated (incl. 2 hangers and 2 guides)
Pivot Sets	HSFR1S	Pivot set mortice wrap around (incl. top and bottom pivots)
	HSFR9S	Intermediate pivot hinge check in (optional for doors over 2200mm high)
Hinge Sets	HSFR3S	Hinge handle set (incl. 2 hinges and 1 hinge handle)
	HSFR5S	Hinge set – inward opening (incl. 3 hinges)
	HSFR6S	Offset hinge set – inward opening (incl. 3 offset hinges)
	HSFR7S	Offset hinge handle set – outward opening (incl. 2 offset hinges and 1 offset hinge handle)
Channels	H8gSS	Stainless steel (2000 & 3000mm length)
	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Flushbolts	HSF190S	190mm non locking flushbolt
	HSF190LS	190mm locking flushbolt
	HSF450S	450mm non locking flushbolt
	HSF450LS	450mm locking flushbolt
	HSF600S	600mm non locking flushbolt
	HSF600LS	600mm locking flushbolt



DOOR SPECIFICATION

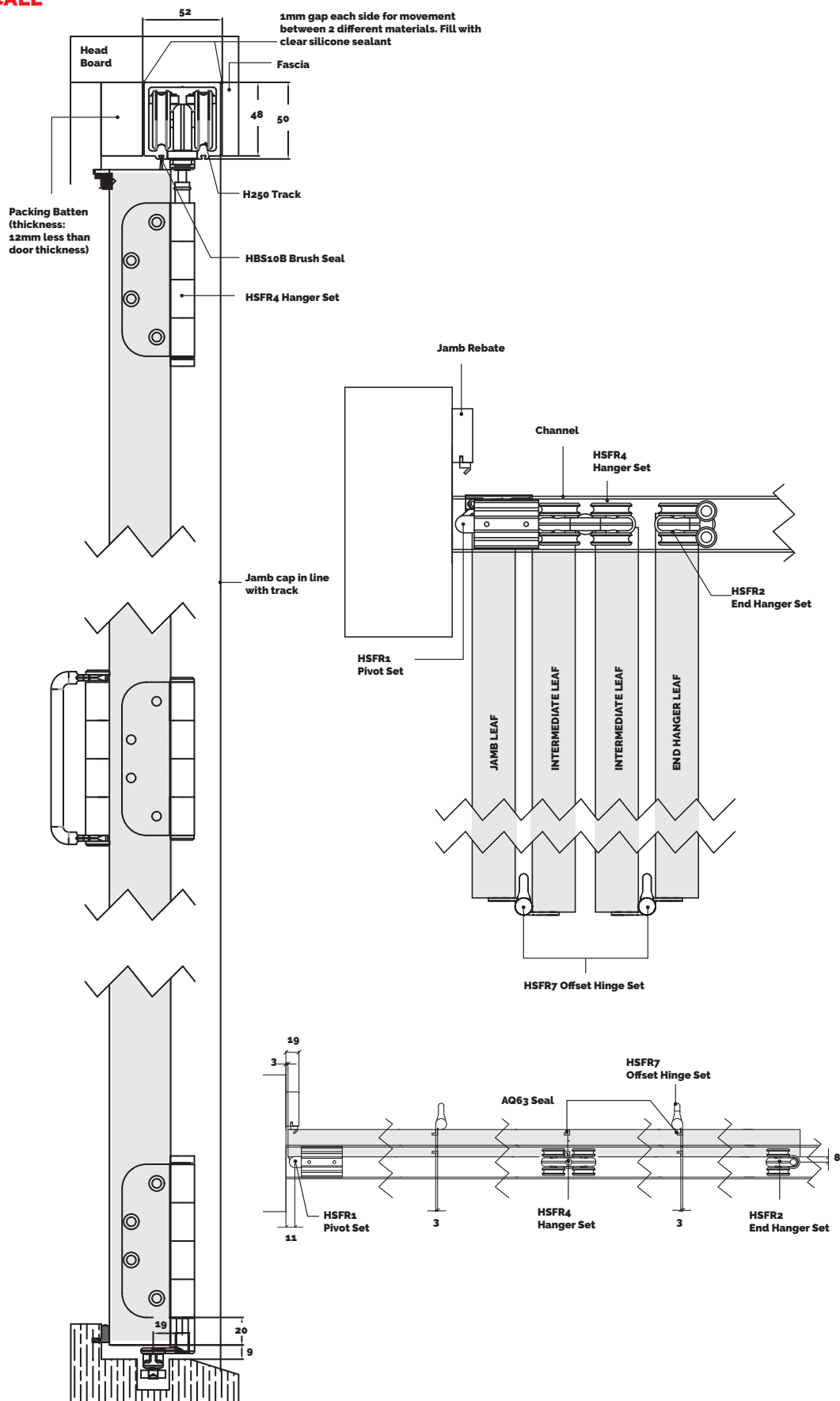
Track System	Securefold 100
For Individual Door Leaves:	
Max Panel Weight	100kg
Max Panel Width	1000mm
Panel Thickness	35-68mm
Max Panel Height	3300mm
For doors between 35-68mm thick use an alternative to the standard flushbolt	



SECUREFOLD PRO 100 (RADIUS MORTICE)

HENDERSON

**DRAWING IS
NOT TO SCALE**



SECTION F



MULTIDIRECTIONAL DOOR SYSTEMS

Multidirectional Door Systems

Section Index and General Guide

Select system for your top hung application.	Residential	Commercial	Industrial	Max. Door	Product	Data Sheet
APPLICATION						
Commercial						
For internal partitions, moveable walls and shopfronts				100kg	Flexirol 90°	F10
For internal partitions, moveable walls and shopfronts, showrooms				500kg	Flexirol 135°	F20

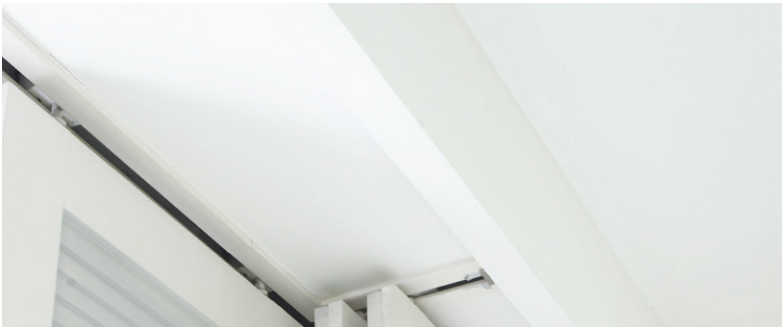
FLEXIROL 90°

HENDERSON

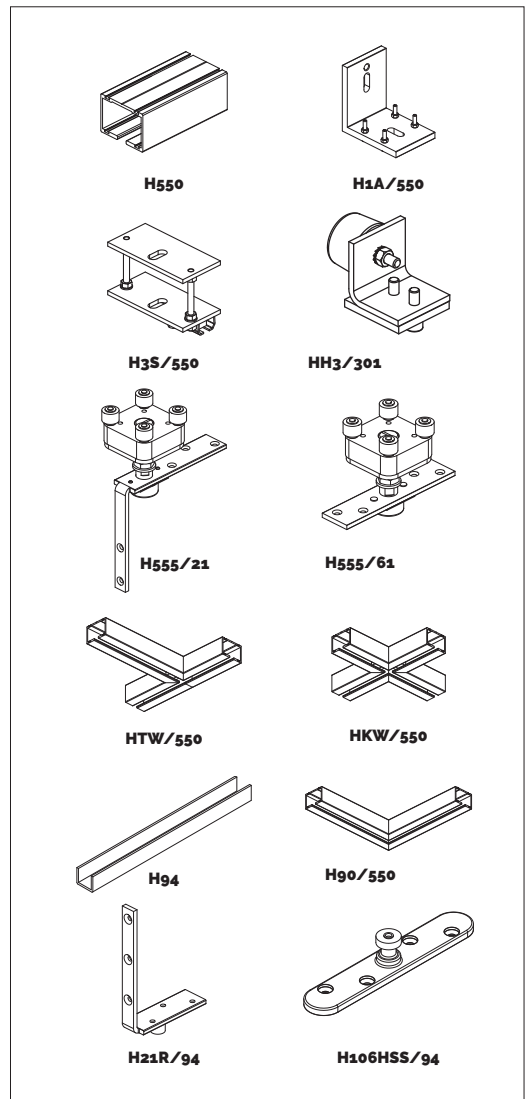
For top hung multidirectional stacking timber and aluminium doors. Max 100kg each.

APPLICATION

- Designed for lightweight panels for internal and external applications requiring 90° movement.
- Typical applications include internal partitions, moveable walls and shopfronts
- Suitable for sliding individual doors to dedicated areas, usually on either side of the opening where folding doors would not be suitable
- Floor channel is not necessary since the doors may be secured in position by stops, flush bolts or locks
- To cover any width of opening, any number of panels can be used



HARDWARE SPECIFICATION		
Track	H550	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths)
		Please contact our Technical Sales Team for full range of finishes
Track Intersects & Elbows	HTW/550	Aluminium 'T' junction
	HKW/550	Aluminium cross-junction
	H90/550	Aluminium elbow
Brackets	H1A/550	Face fixed
	H3S/550	Soffit fixed
Hangers (2 per door)*	H555/21	Timber Doors - angle plate fixing
	H555/61	Timber Doors - concealed plate fixing Vertical adjustment is simple and positive
* Each panel must be rigid enough to be supported by only two hangers		
Pivot Set	H21/550P	Top and bottom pivots for single access door
Track Stop	HH3/301	Flexirol track stop
Guides	H106HSS/94	Timber Doors - concealed fixing
	H21R/94	Timber Doors - angle plate fixing
	H104N/94	Metal Doors - angle frame fixing
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Flush Bolts	HSF190S	
	HSF190LS	



DOOR SPECIFICATION

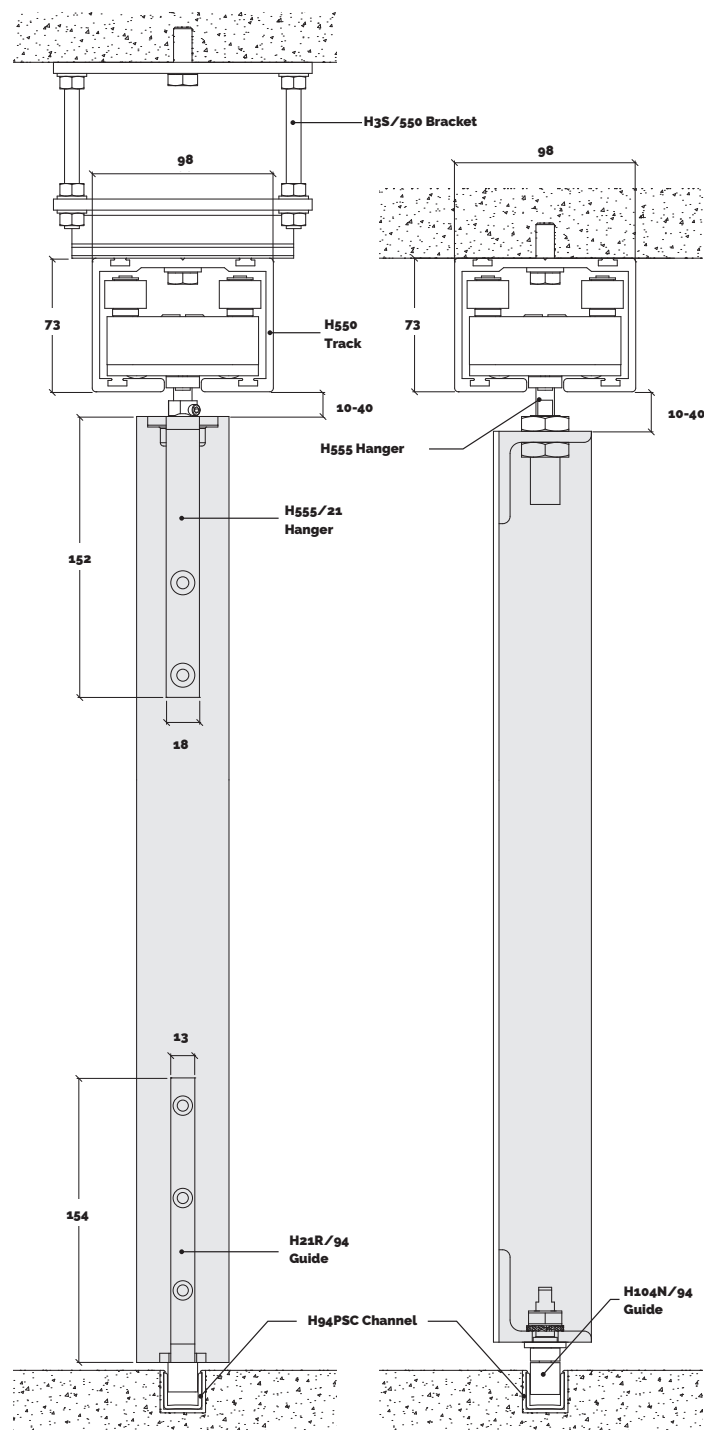
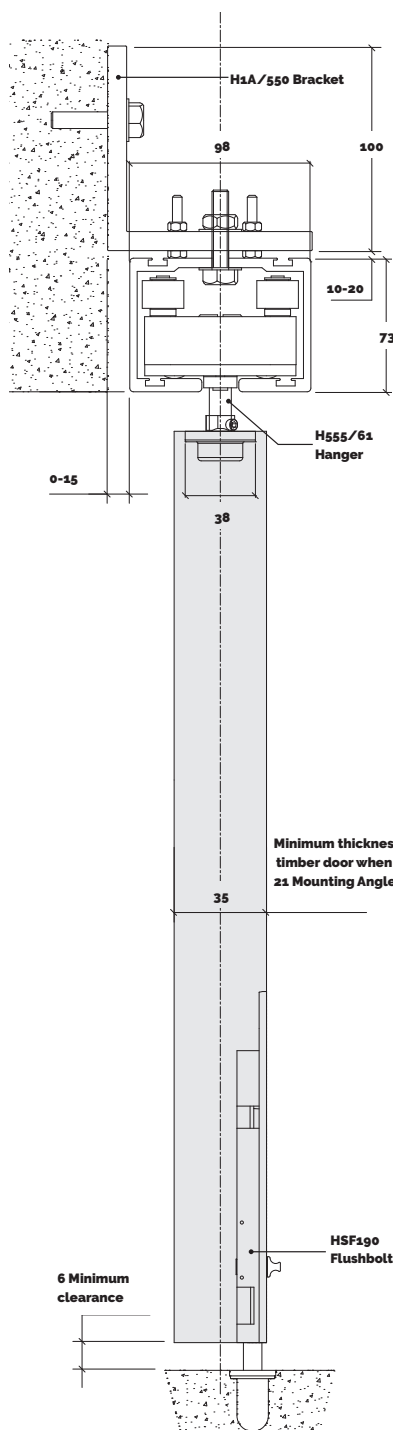
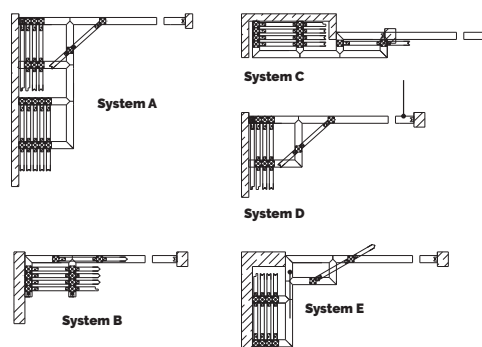
Track System	Flexirol 90°
For Individual Doors:	
Max Door Weight	100kg-2 hangers per leaf 50kg-1 hanger per leaf
Max Door Width	6000mm
Min Door Thickness	40-100mm*
Max Door Height	6000mm
Max swing door width	1200mm
*Max door thickness only applies to some face fix bracket options.	

FLEXIROL 90°

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HENDERSON

90° Configurations



FLEXIROL 135°

HENDERSON

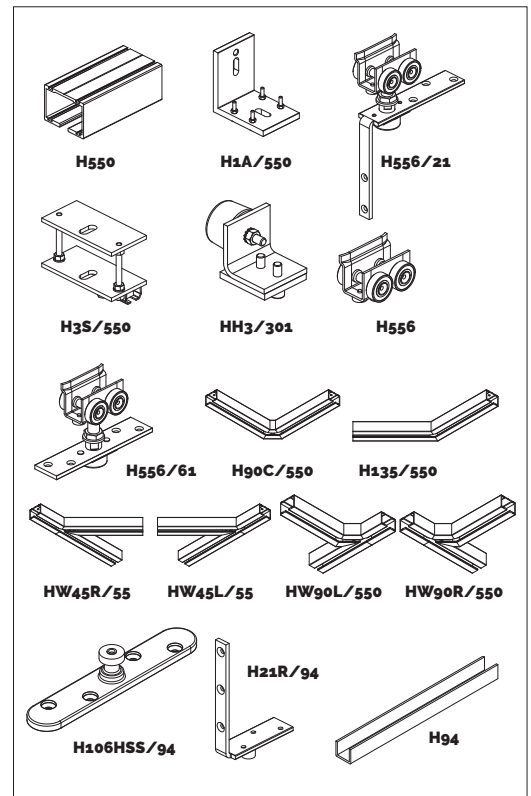
For top hung multidirectional stacking timber and aluminium doors. Max 500kg each.

APPLICATION

- Designed for heavy panels for internal applications requiring 135° movement. Typical applications include internal partitions, moveable walls and shopfronts, showrooms and conference centres
- Suitable for sliding individual doors to dedicated areas, usually on either side of the opening where folding doors would not be suitable
- Floor channel is not necessary since the doors may be secured in position by stops, flush bolts or locks
- To cover any width of opening, any number of panels can be used
- Can be configured in a number of different stacking designs/systems

HARDWARE SPECIFICATION

Track	H550	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths)
		Please contact our Technical Sales Team for full range of finishes
Track Intersects & Elbows	H45(LorR)/550	Anodised Aluminium 135° intersect (LH or RH)
	H135/550	Anodised Aluminium elbow
	H90L/550	Anodised Aluminium 90° swept elbow for 135° hanger
	HW90(LorR)/550	Anodised Aluminium 90° swept elbow for 135 hanger (LH or RH)
Brackets	H1A/550	Face fixed
	H3S/550	Soffit fixed
Hangers	H556	Metal doors - angle frame fixing
(2 per door)*	H556/21	Timber Doors - angle plate fixing
	H556/61	Timber Doors - concealed plate fixing
	H556/61/SS	Stainless steel hanger for exterior use - concealed plate fix
* Each panel must be rigid enough to be supported by only two hangers		
Pivot Set	H21/550P	Top and bottom pivots for single access door
Track Stop	HH3/301	Flexirol track stop
	HH3/301SS	Stainless steel track stop
Guides	H106RHSS/94	Timber Doors - concealed fixing
	H21R/94	Timber Doors - angle plate fixing
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94P	Polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
Accessories		
Flush Bolts	HSF190S	
	HSF190LS	



DOOR SPECIFICATION

Track System	Flexirol 135°
For Individual Doors:	
Max Door Weight	500kg-2 hangers per leaf 250kg-1 hanger per leaf
Max Door Width	6000mm
Min Door Thickness	40-100mm*
Max Door Height	6000mm
Max swing door width	6000mm
*Max door thickness only applies to some face fix bracket and Hanger options.	

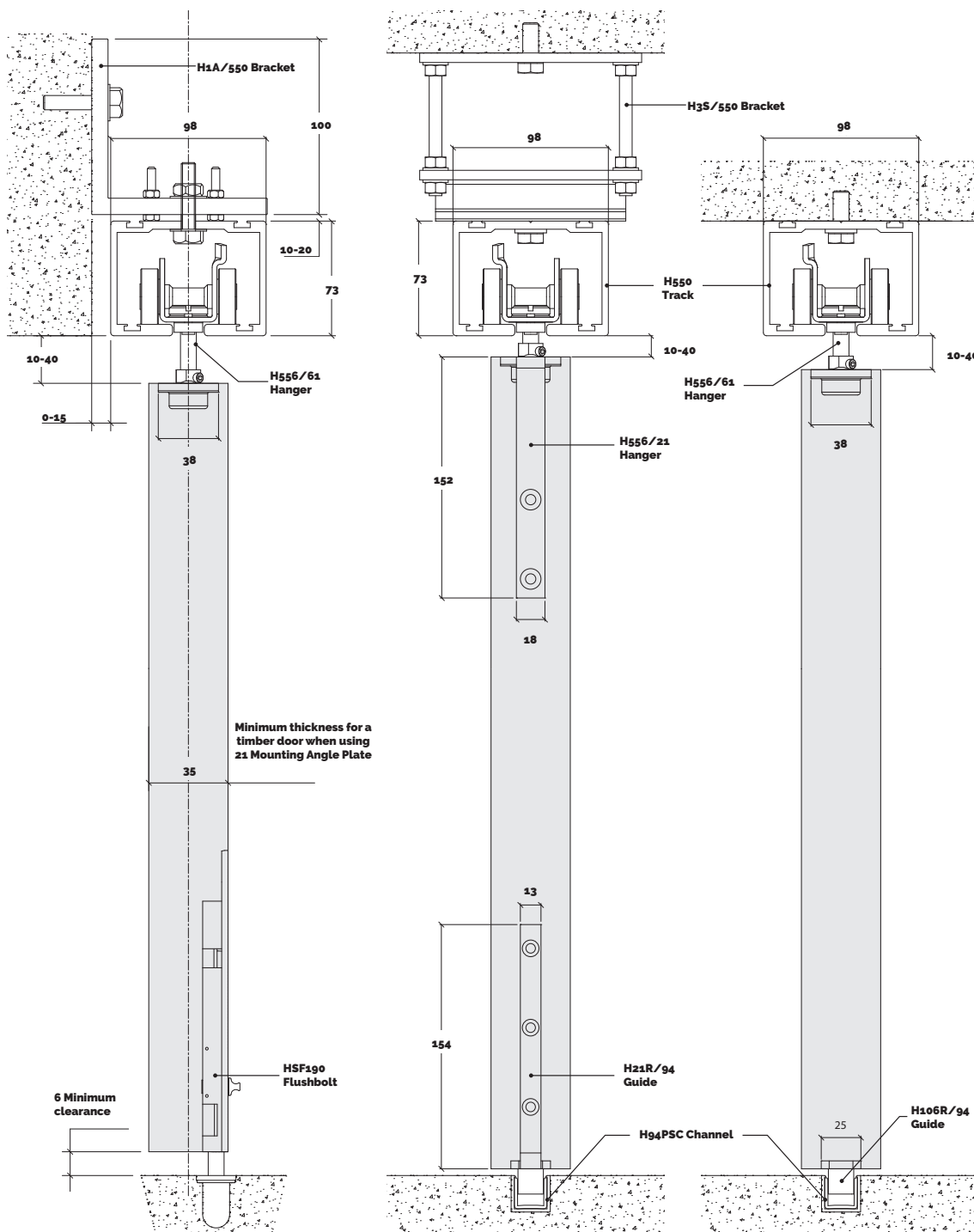
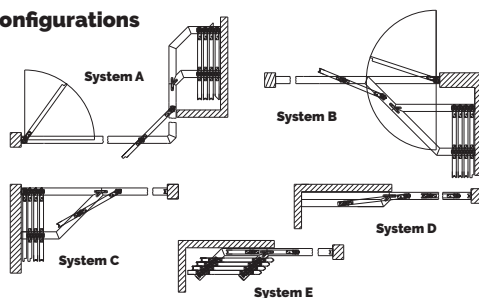


FLEXIROL 135°

HENDERSON

**DRAWING IS
NOT TO SCALE**

135° Configurations













SECTION G



ROUND THE CORNER & OVERHEAD RUNWAY SYSTEMS

Round the corner & Overhead runway Systems

Section Index and General Guide

Select system for your top hung application.	Residential	Commercial	Industrial	Max. Door	Product	Data Sheet
APPLICATION						
Industrial						
For residential garages, commercial and light industrial applications				35kg	Tangent 290	G10
For residential garages, commercial and light industrial applications				70kg	Tangent 301	G20
For light overhead track for industrial curtains				40kg	290 Industrial Curtain	G30
Commercial and industrial applications				190kg	301 Overhead Runway	G40
For larger or heavier applications where robust gear is required				225kg	305 Overhead Runway	G50

TANGENT 290

HENDERSON

For round the corner straight sliding top hung doors. Max 35kg

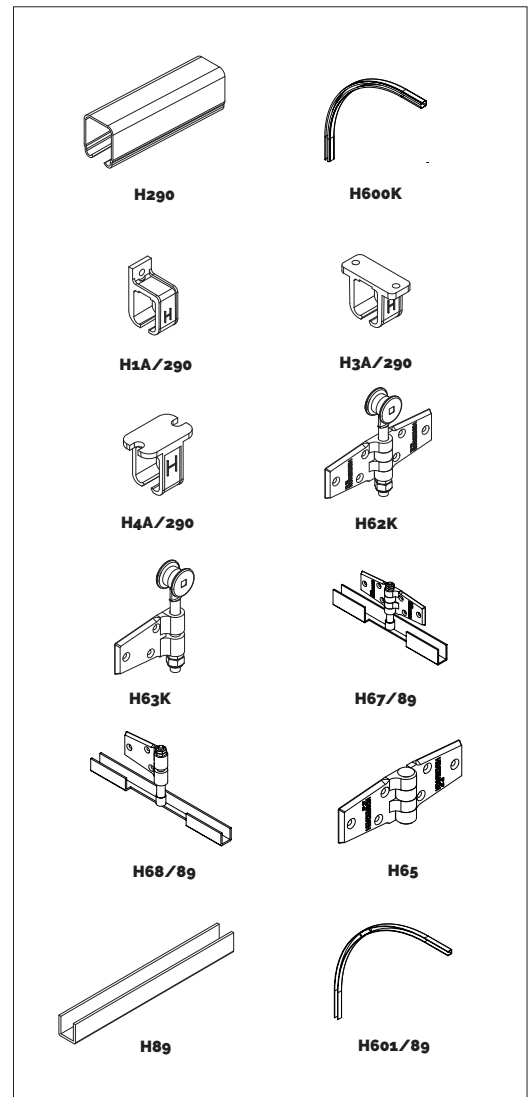
APPLICATION

- Designed for doors that slide clear of the opening and park along the adjacent side wall, suitable where a bunched unit of parked leaves would be impractical
- Ideal for residential garages, commercial and light industrial applications
- The end leaf of the system nearest the track curve can form a swinging access door



HARDWARE SPECIFICATION

Track	H290	Galvanised Steel (2000, 3000, 4000 & 6000mm lengths)
		Fix spacing at 900mm centres (maximum)
Track Curve	H600K	Galvanised steel 90 degree track curve
Brackets	H1/290S	Steel (zinc plated) face fix, single track bracket
	H1A/290	Aluminium face fix, single track bracket
	H3A/290	Aluminium soffit fix, single track bracket
	H4A/290	Aluminium soffit fix (in line), single track bracket
Hangers	H62K	Intermediate hanger
	H63K	End hanger
Guides	H67/89	Intermediate guide
	H68/89	End guide
Hinges	H65	Aluminium alloy hinge
Channels	H89	Galvanised steel (2000, 3000 & 4000mm lengths)
Channel Curve	H601/89	Galvanised steel 90 degree track curve
Accessories		
Flush Pull	H414	Diecast aluminium
Bow Handle	H463	Zinc plated cast iron
Bolts	H994	Surface bolt, 380mm, zinc plated steel



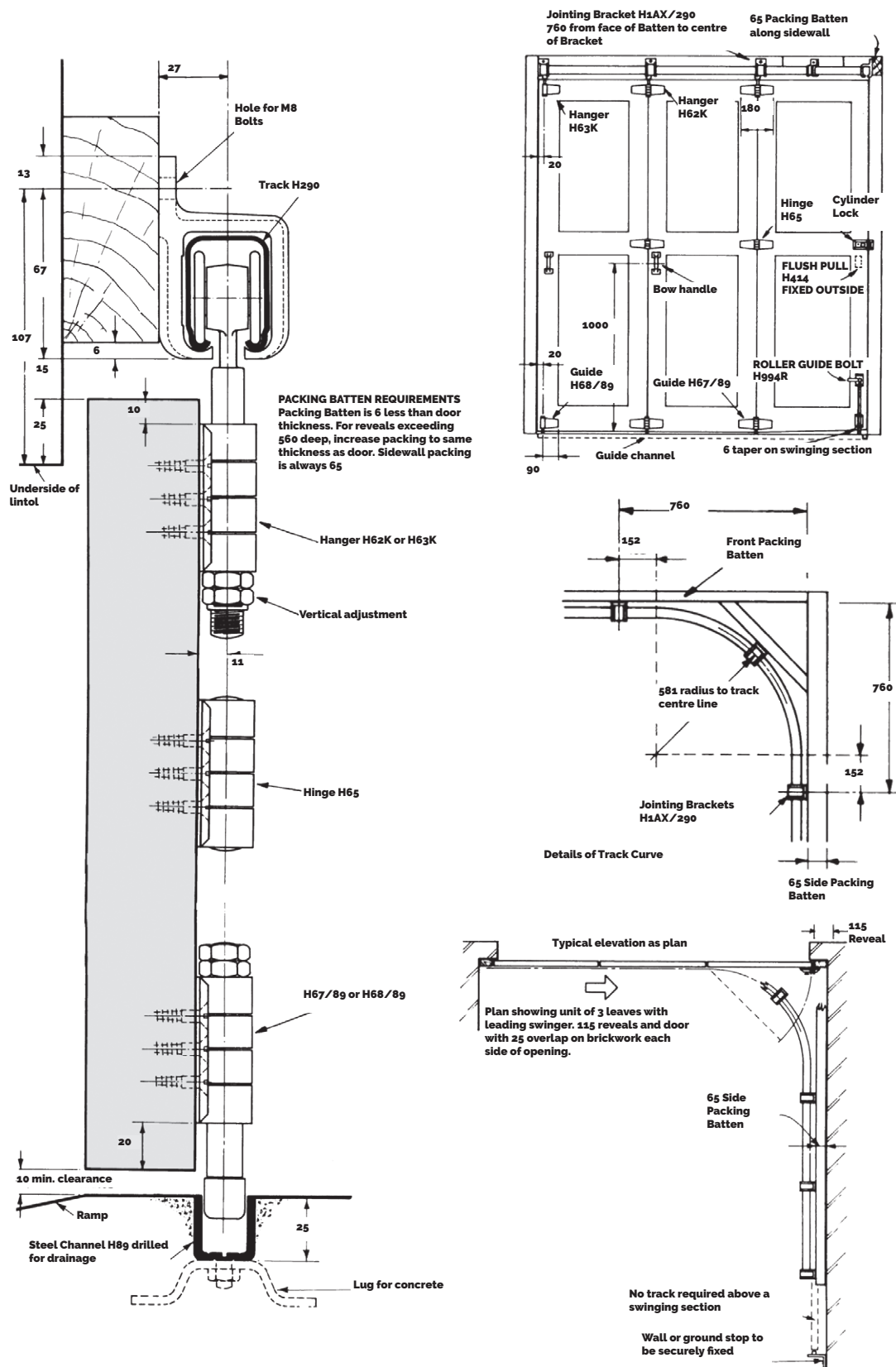
DOOR SPECIFICATION

Track System	Tangent 290
For Individual Doors:	
Max Panel Weight	35kg
Max Panel Width	711-900mm
Panel Thickness	35-50mm
Max Panel Height	2400mm
Minimum clearance between leaves to be 2mm Door leaves to be constructed to provide secure fixing for hanger, hinges and guides and can be flush, paneled or glazed. Door units should consists of 3 to 5 leaves.	

TANGENT 290

HENDERSON

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TANGENT 301

HENDERSON

For round the corner straight sliding top hung doors. Max 55kg or 70kg each leaf

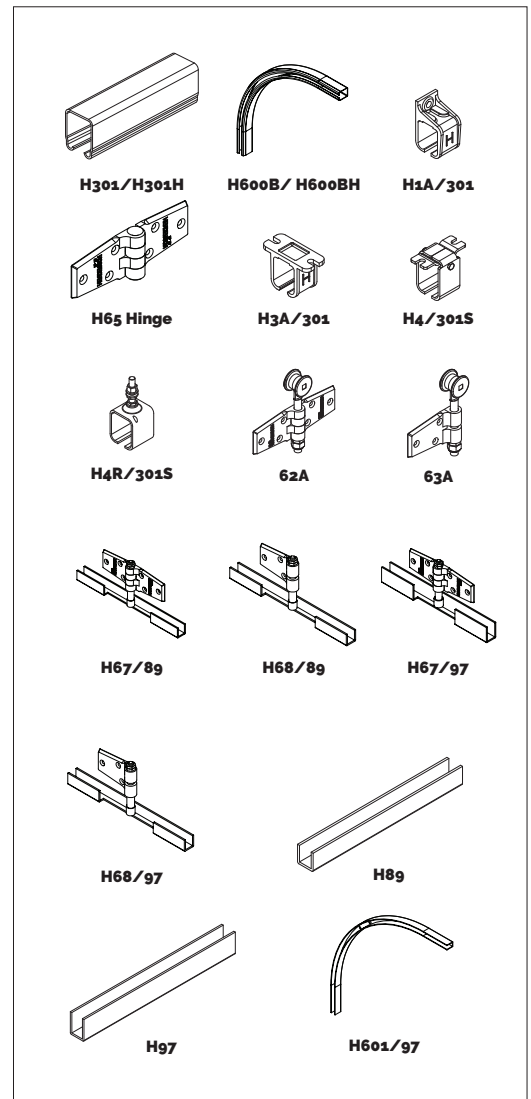
APPLICATION

- Designed for doors that slide clear of the opening and park along the adjacent side wall, suitable where a bunched unit of parked leaves would be impractical
- Ideal for residential garages, commercial and light industrial applications
- The end leaf of the system nearest the track curve can form a swinging access door



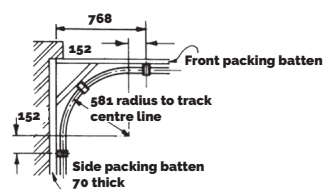
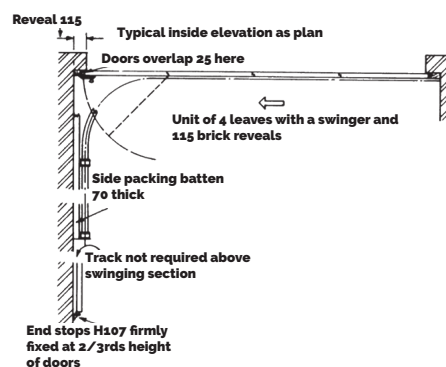
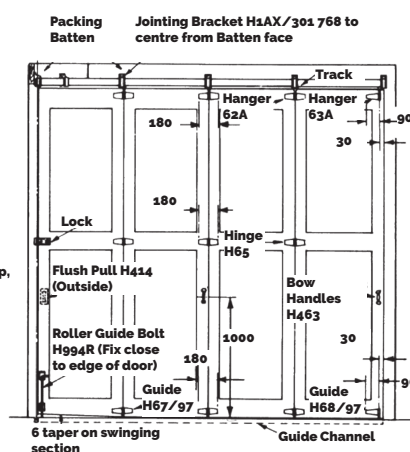
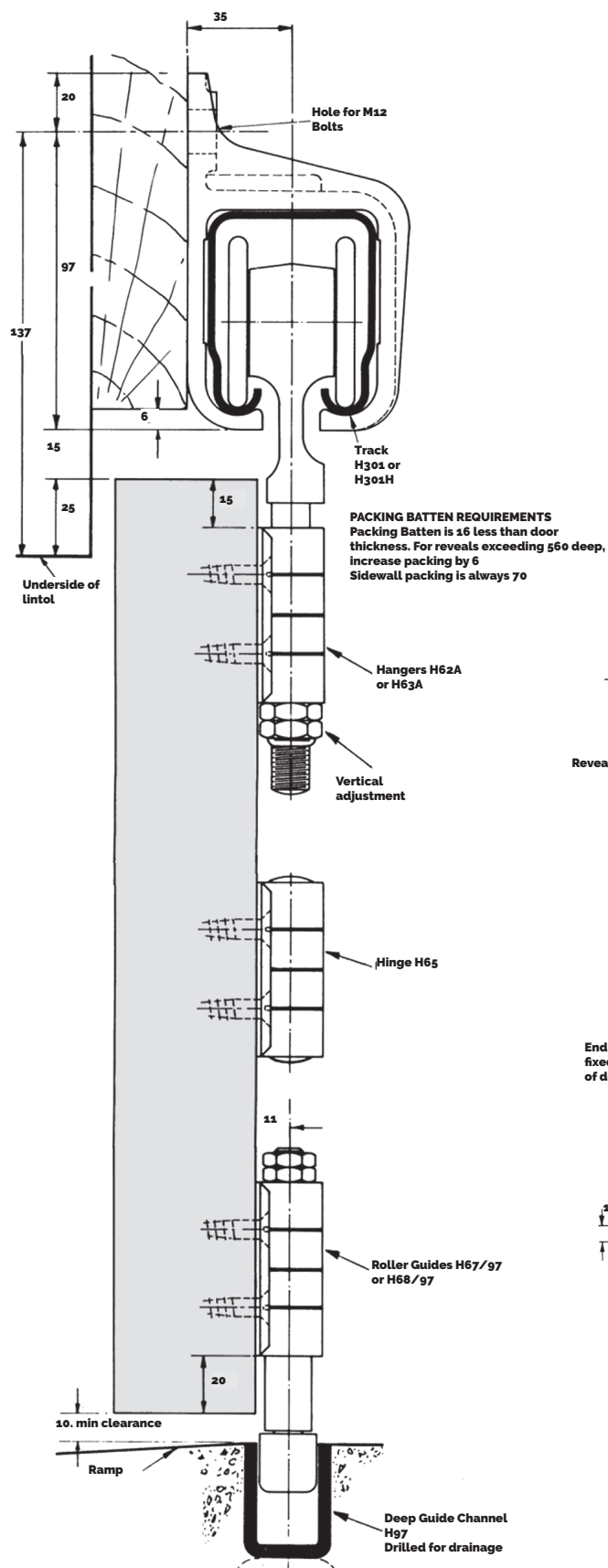
HARDWARE SPECIFICATION

Track	H301 or H301H	Galvanised Steel (2000, 2500, 3000, 4000 & 6000mm lengths)
		Fix spacing at 900mm centres (maximum)
Track Curve	H600B	H301 Galvanised steel 90 degree track curve
	H600BH	H301H Galvanised steel 90 degree track curve
Brackets	H1/301S	Steel (zinc plated) face fix, single track bracket
	H1A/301	Aluminium face fix, single track bracket
	H3A/301	Aluminium soffit fix, single track bracket
	H4A/301	Aluminium soffit fix (in line), single track bracket
	H4R/301	Steel soffit fix (adjustable) single track bracket
Hangers	H62A	Intermediate hanger
	H63A	End hanger
Guides	H67/97	Intermediate guide
	H68/97	End guide
Hinges	H65	Aluminium alloy hinge
	H97	Galvanised steel (1800, 2000, 2500, 3000, 4000 & 6000mm lengths). Pre-drilled for lugging into concrete.
Channel Curve	H601/97	Galvanised steel 90 degree track curve
Accessories		
Flush Pull	H414	Diecast aluminium
Bow Handle	H463	Zinc plated cast iron
Bolts	H994	Surface bolt, 380mm, zinc plated steel



DOOR SPECIFICATION

Track System	Tangent 301	Tangent 301H
For Individual Doors:		
Max Panel Weight	55kg	70kg
Max Panel Width	711-900mm	711-900mm
Panel Thickness	35-50mm	35-50mm
Max Panel Height	2400mm	2400mm
Minimum clearance between leaves to be 2mm Door leaves to be constructed to provide secure fixing for hanger, hinges and guides and can be flush, paneled or glazed. Door units should consist of 3 to 5 leaves.		



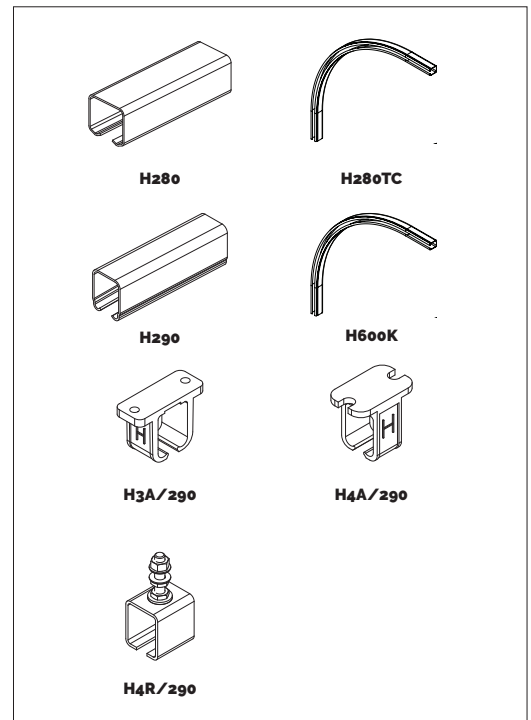
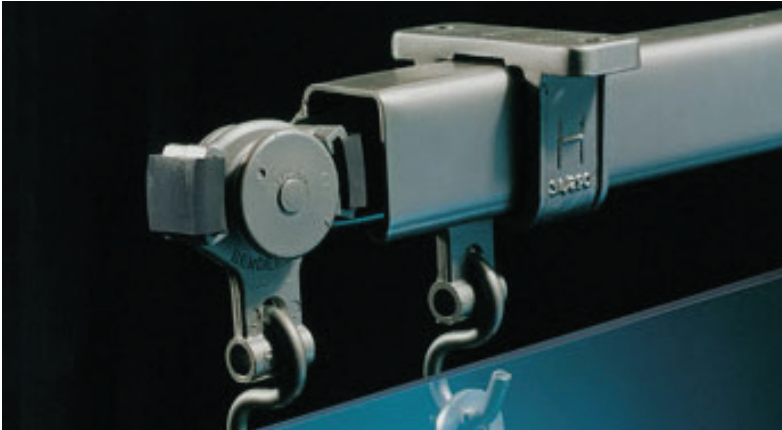
INDUSTRIAL CURTAINS

HENDERSON

Top hung curtain and cable carrying sliding track system. Max 5kg, 20kg or 40kg

APPLICATION

- Light overhead track for industrial curtains
- The track will support electrical or other cables required for travelling cranes, gantries or moving machinery
- The track will also carry small hand machinery leaving working areas clear



HARDWARE SPECIFICATION

Track	H280	Steel (2000, 3000, 4000 & 6000mm lengths)
	H290	Galvanised Steel (2000, 2500, 3000, 4000 & 6000mm lengths)
		Fix spacing at 900mm centres (maximum)
Track Curve	H280TC*	Galvanised steel 90 degree track curve (for H280 track)
	H600K**	Galvanised steel 90 degree track curve (for H290 track)
		* 381 radiuses with 230mm straight ends for joining up to straight track sections ** 581 radiuses with 152mm straight ends for joining up to straight track sections
Brackets	H3/290S	Steel soffit fix, single track
	H3A/290	Aluminium soffit fix, single track
	H3AX/290	Aluminium soffit fix jointing, single track
	H4/290S	Steel soffit fix (in line), single track
	H4A/290	Aluminium soffit fix (in line), single track
	H4AX/290	Aluminium soffit fix (in line) jointing, single track
	H4R/290	Steel soffit fix (adjustable), single track
	H4RX/290	Steel soffit fix (adjustable) jointing, single track
		Fix spacing at 900mm centres (maximum) - (600mm or less for heavier loads)
The fixing may be direct to the existing overhead structure but it is important that bracket centres are maintained and provision made for curves where required. A check should be made to ensure the structure is capable of supporting the track with its moving loads.		
Hangers	H288H	For industrial curtains on 280 track, supplied with S hook
	H58K/N	For industrial curtains on 290 track, supplied with S hook
	H56K/N	For cable carriers on H290 track, 4 nylon wheels with threaded bolt

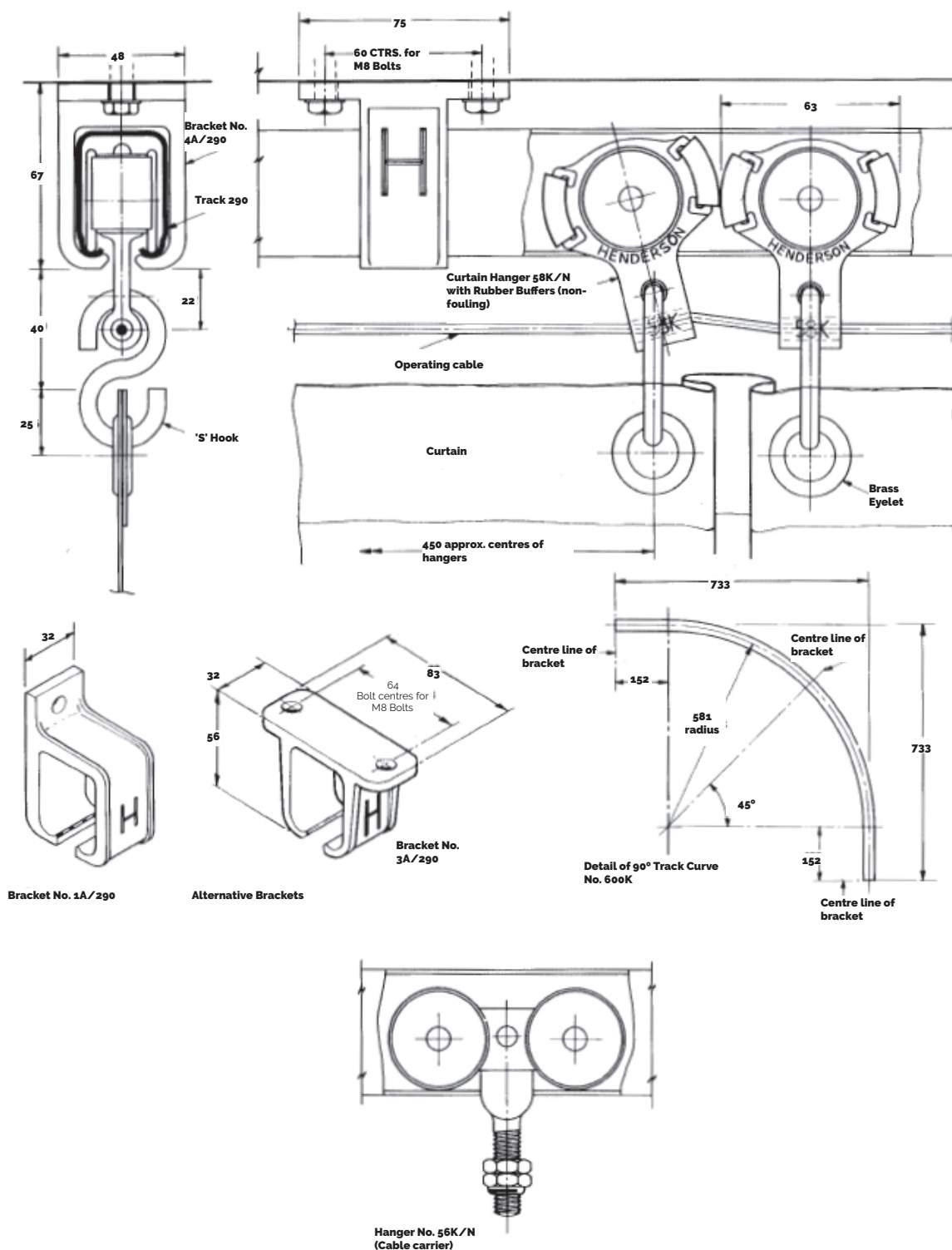
LOAD SPECIFICATION

For Track	H280	H290
Industrial Curtains:		
Max Hanger Capacity	5kg	20kg
Cable Carriers:		
Max Hanger Capacity		40kg

INDUSTRIAL CURTAINS

HENDERSON

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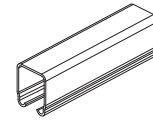
OVERHEAD RUNWAY GEAR 301

HENDERSON

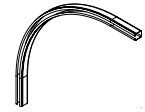
Top hung overhead sliding track system. Max 140kg or 190kg

APPLICATION

- Overhead track systems allow easy movement of equipment throughout the work place
- Suitable for commercial, industrial and agricultural applications



H301 - Track



H600B - Track Curve



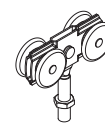
H3A/301
- Bracket



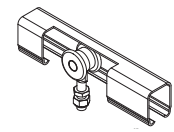
H4A/301
- Bracket



H4R/301S
- Bracket



H56A/S - Hanger



H56-1/2A/S - Hanger

HARDWARE SPECIFICATION

Track	H301 or H301H	Galvanised Steel (2000, 2500, 3000, 4000 & 6000mm lengths). Fix spacing at 900mm centres (maximum)
Track Curve	H600B	Galvanised steel 90 degree track curve (for H301 track)
	H600BH	Galvanised steel 90 degree track curve (for H301H track)
		581 radiuses with 152mm straight ends for joining up to straight track sections
Brackets	H3/301S	Steel soffit fix, single track
	H3A/301	Aluminium soffit fix, single track
	H3AX/301	Aluminium soffit fix jointing, single track
	H4/301S	Steel soffit fix (in line), single track
	H4A/301	Aluminium soffit fix (in line) , single track
	H4AX/301	Aluminium soffit fix (in line) jointing, single track
	H4R/301	Steel soffit fix (adjustable), single track
	H4RX/301	Steel soffit fix (adjustable) jointing, single track
		Fix spacing at 900mm centres (maximum) - (600mm or less for heavier loads)
The fixing may be direct to the existing overhead structure but it is important that bracket centres are maintained and provision made for curves where required. A check should be made to ensure the structure is capable of supporting the track with its moving loads.		
Hangers	H56A/S	4 wheel hanger with threaded bolt (for direct fixing to load or special fabricated carrier, on straight track)
	H56-½ A/S	2 wheel hanger with threaded bolt (for direct fixing to load or special fabricated carrier, on straight or curved track)

LOAD SPECIFICATION

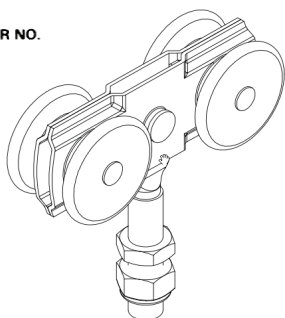
For Track	H301	H301H
Straight Run:		
Max Load Weight	85kg	140kg
Curve Run:		
Max Load Weight	30kg	50kg

OVERHEAD RUNWAY GEAR 301

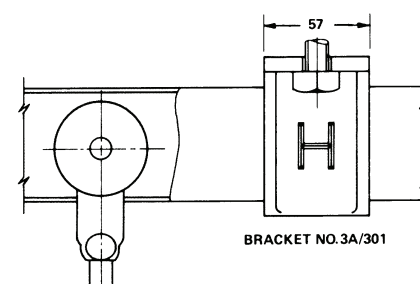
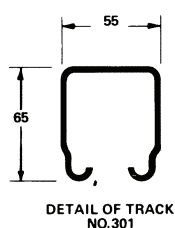
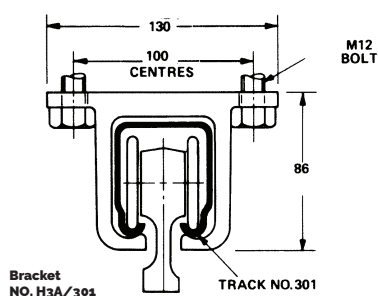
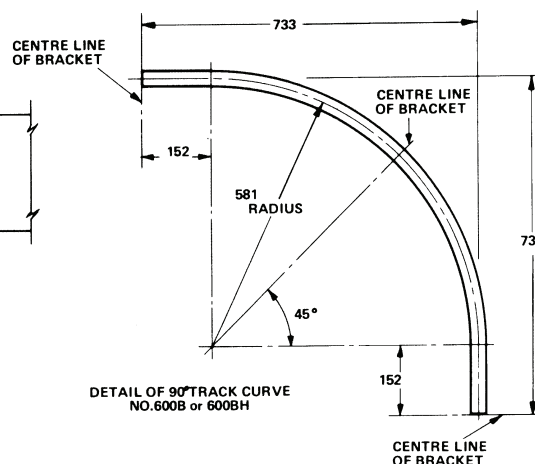
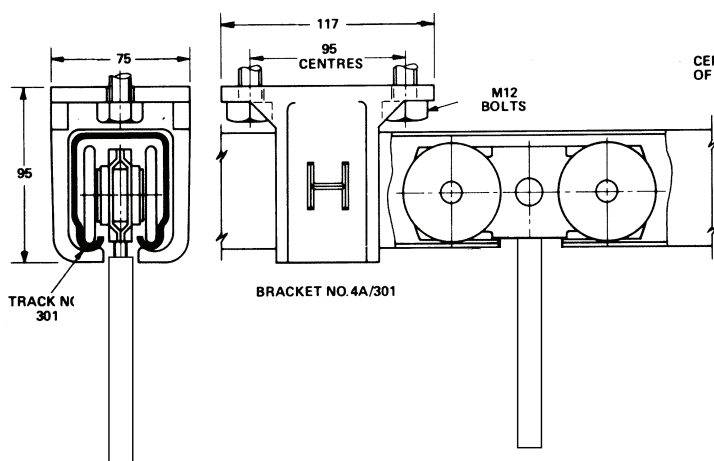
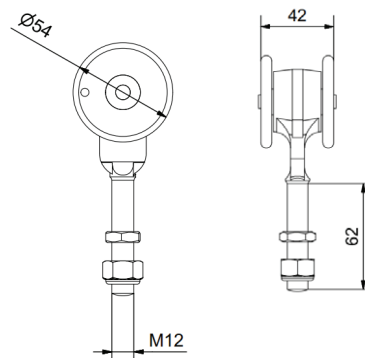
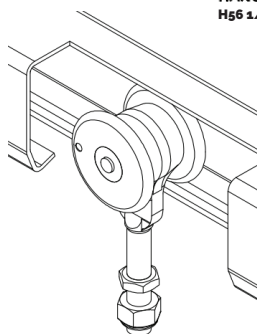
HENDERSON

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HANGER NO.
H56A/S



HANGER NO.
H56 1/2 A/2



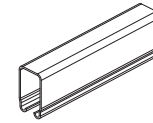
OVERHEAD RUNWAY GEAR 305

HENDERSON

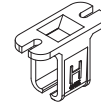
Top hung overhead sliding track system. Max 225kg

APPLICATION

- Overhead track systems allow easy movement of equipment throughout the work place
- Suitable for heavier commercial, industrial and agricultural applications



H305



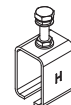
H4A/305



H3A/305



H56C/S



H4R/305

HARDWARE SPECIFICATION

Track	H305	Galvanised Steel (2000, 2500, 3000, 4000 & 6000mm lengths)
		Fix spacing at 900mm centres (maximum)
Brackets	H3A/305	Aluminium soffit fix, single track
	H3AX/305	Aluminium soffit fix jointing, single track
	H4A/305	Aluminium soffit fix (in line) , single track
	H4AX/305	Aluminium soffit fix (in line) jointing, single track
	H4R/305	Steel soffit fix (adjustable), single track
	H4RX/305	Steel soffit fix (adjustable) jointing, single track
		Fix spacing at 900mm centres (maximum) - (600mm or less for heavier loads)
The fixing may be direct to the existing overhead structure but it is important that bracket centres are maintained and provision made for curves where required. A check should be made to ensure the structure is capable of supporting the track with its moving loads.		
Hangers	H56C/S	4 wheel hanger with threaded bolt (for indirect fixing to load on straight or track)

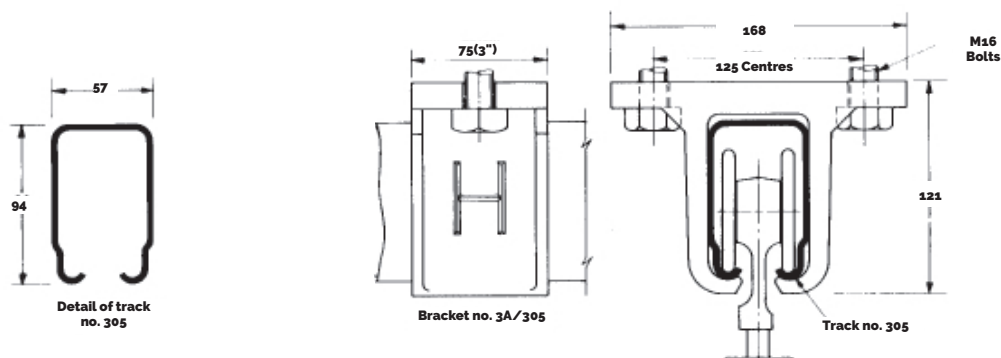
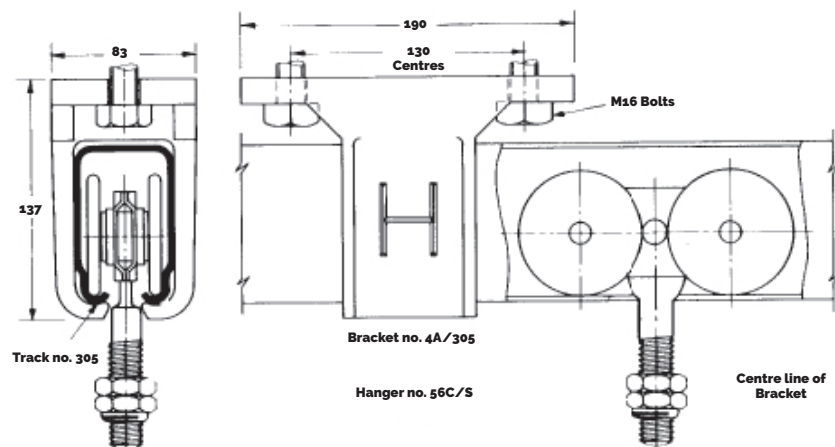
LOAD SPECIFICATION

For Track	H305
Straight Run:	
Max Load Weight	225KG

OVERHEAD RUNWAY GEAR 305

HENDERSON

**DRAWING IS
NOT TO SCALE**















SECTION H



GLASS DOOR SYSTEMS

Glass Door Systems

Section Index and General Guide

Select system for your top hung application.	Residential	Commercial	Industrial	Max. Door	Product	Data Sheet
APPLICATION						
Commercial						
For interior frameless glass panels display cabinets sliding windows				25kg	Zenith	H10
For residential doors, office doors and small glass partitions				75kg	Husky Glass	H20
For interior residential or commercial applications				100kg	HGP100	H30
For interior residential or commercial applications				120kg	Sienna Glass	H40
For interior residential or commercial applications				130kg	Pacer Glass	H50
For interior residential or commercial applications				250kg	Traverse Glass	H60
For interior residential or commercial applications				500kg	Flexirol Glass	H70

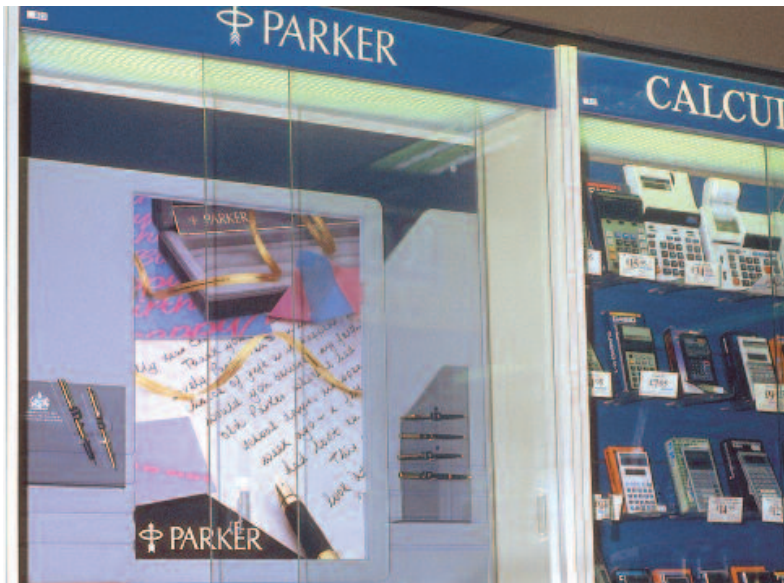
ZENITH

HENDERSON

For bottom rolling glass sliding doors. Max 25kg each leaf.

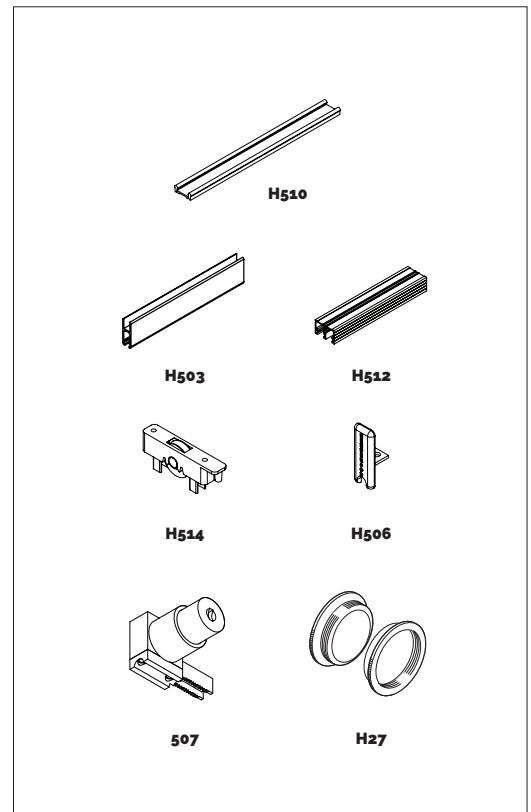
APPLICATION

- Suitable for interior sliding frameless glass or panels of mirror, plastic veneered timber.
- For showcases bathroom cabinets, product display cabinets, hatches and reception counter windows
- Double run system to suit bi passing panels with bottom rollers with jump proof design
- Manufactured using satin anodised aluminium with brush pile strips
- Silent and easy glide motion
- Panels can be secured by a specially designed cylinder lock



HARDWARE SPECIFICATION

Rail	H510/3600	Anodised aluminium bottom rail double run 3600mm lengths
Glass Rail	H503/3600	Anodised aluminium glazing rail 3600mm lengths
Channel	H512/3000	Anodised aluminium top channel double headed guide with brush pile 3600mm lengths
Bottom Roller	H514/N	Bottom roller with nylon tyre and precision bearing
End Cap	H506	Black plastic end caps
Glazing Strip	H509	Black glazing rubber
Accessories		
Finger Pull	H27	Plastic chrome finish designed to fit into a 22mm diameter hole in the panel
Cylinder Lock	H507	Cylinder lock



DOOR SPECIFICATION

Track System	Zenith
For Individual Door Leaves:	
Max Panel Weight	25kg
Max Panel Width	916mm
Panel Thickness	6mm
Max Panel Height	1800mm

STANDARD SETS AND PACK

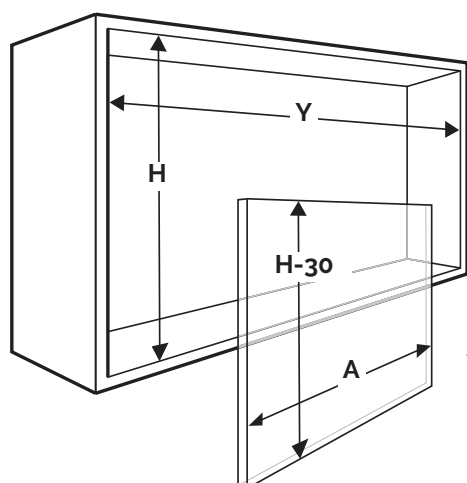
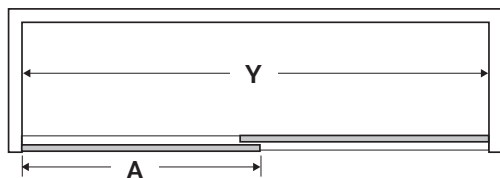
Set comprises of 1 bottom rail, 1 glass rail, 1 top channel including brush pile, 4 bottom rollers and 4 end caps and glazing rubber

Set No.	Opening width	Track Length	Hardware for
HZ12	1200mm	1200mm	2 doors
HZ15	1500mm	1500mm	2 doors
HZ18	1800mm	1800mm	2 door

ZENITH

**DRAWING IS
NOT TO SCALE**

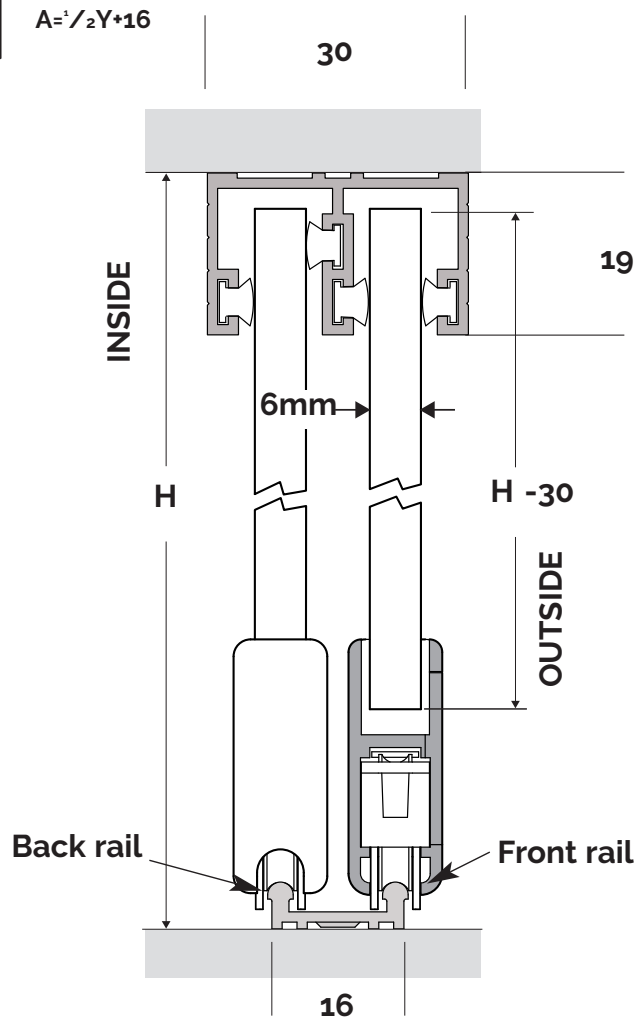
HENDERSON



$$A = \frac{1}{2}Y + 16$$

Kit	Max opening width (Y)
Z12	1200
Z15	1500
Z18	1800

Recommended maximum
opening height = 1800mm



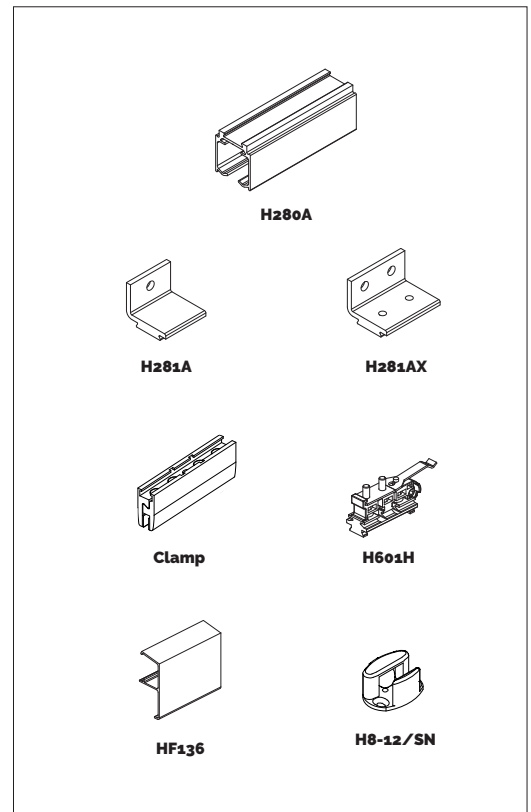
HUSKY GLASS

HENDERSON

For top hung glass sliding doors. Max 75kg each leaf.

APPLICATION

- Ideal solution for light weight glass applications such as residential doors, office doors and small glass partitions
- Quite operation, Aluminium track with nylon rollers
- Glass clamp eliminates the need for holes in glass
- Suitable for both toughened and laminated glass



HARDWARE SPECIFICATION

Tracks	H280A	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H280AN	Anodised aluminium (2000, 3000, 4000 & 6000mm lengths)
Brackets	H281A	Face fixed aluminium (for aluminium track)
	H281AX	End and jointing bracket aluminium (for aluminium track)
		Spacing 275mm centres (maximum)
Guide	H8-12/SN	Brushed stainless steel adjustable floor guide to suit 8, 10 or 12mm glass
Fascia	HF136	Fascia for soffit fixed applications
Accessories		
Handles	Refer to your Lockwood Catalogue for a full range of handles	

DOOR SPECIFICATION

Track System	Husky Glass
For Individual Door Leaves:	
Max Door Weight	75kg
Max Door Width	1200mm
Door Thickness	8, 10, 12mm
Max Door Height	2400mm

STANDARD SETS AND PACK

Sets comprise of 2 hangers, 2 glass clamps, 2 clip stops & 1 adjustable floor guide

Clamp Set No.	Hardware for
H8/HY/75	75kg 8mm glass door
H10/HY/75	75kg 10mm glass door
H12/HY/75	75kg 12mm glass door

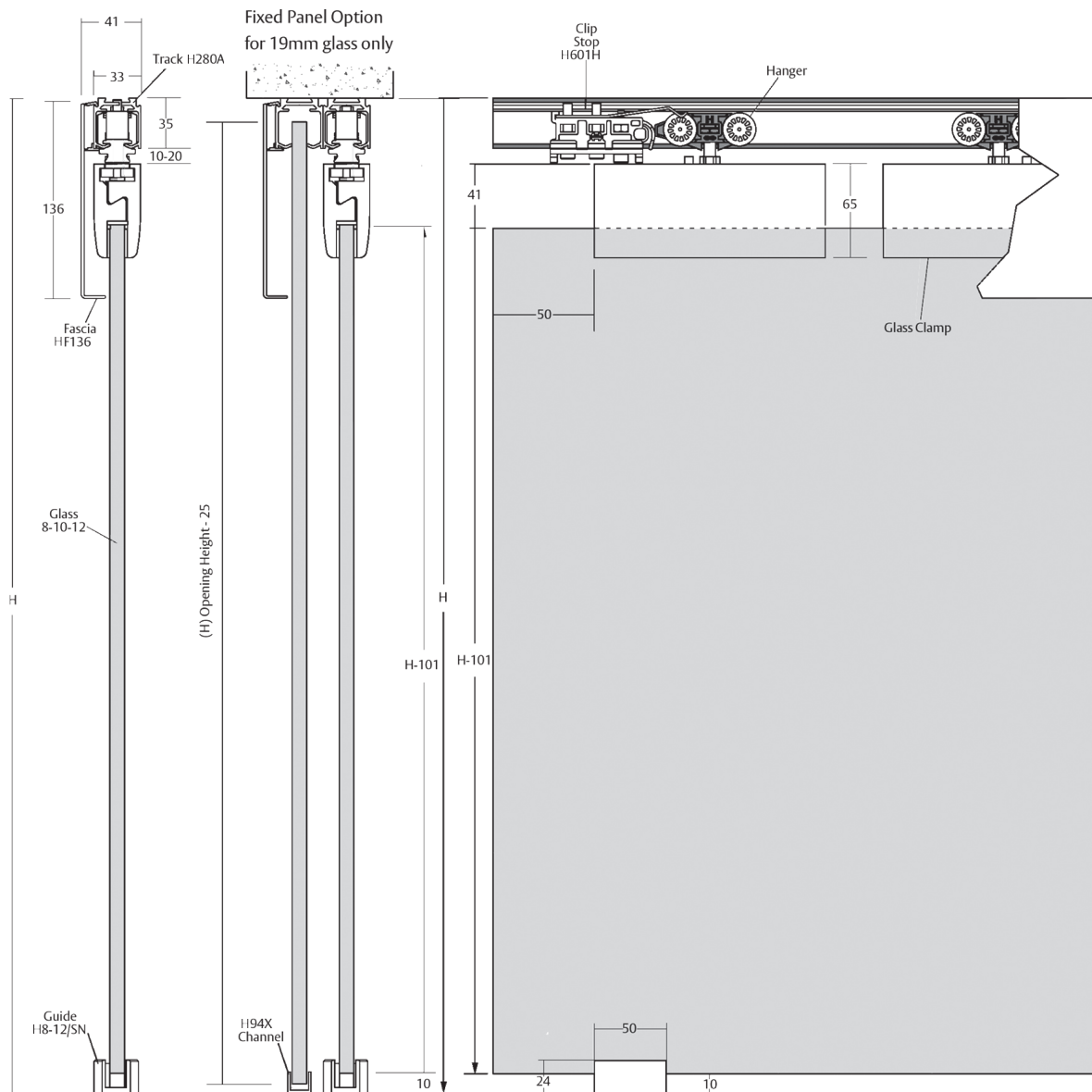
Glass Weight

Value is approximate based on
 8mm glass panel = 20kg/m²
 10mm glass panel = 25kg/m²
 12mm glass panel = 30kg/m²

HUSKY GLASS

HENDERSON

**DRAWING IS
NOT TO SCALE**



REFER TO HUSKY INSTRUCTIONS FOR GENERAL TRACK INSTALLATION DETAILS

HGP100

HENDERSON

Idea solution for lightweight glass applications such as office doors and small domestic glass partitions.

The kit is easy to install and enhances smooth running of the sliding door hardware system. Suitable for use with our Husky 120 Pro and Soltaire 120 sliding door hardware systems. It can be used with 10mm or 12mm laminated hard glass doors weighing up to 100kg.



KIT AND DOOR SPECIFICATIONS

Kit Short Code	Glass Panel Thickness	Weight
HGP/100	10-12mm	< 100kg

YOUR KIT CAN BE ENHANCED WITH:

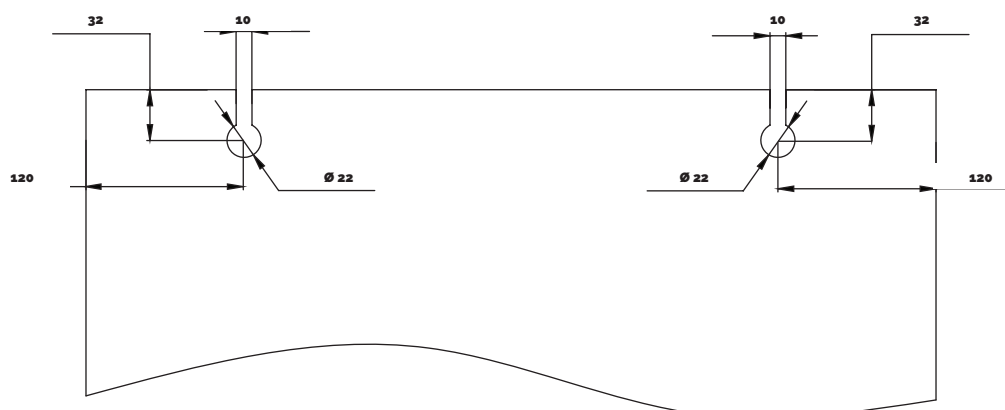
Soft Close SOFTHP120 (Husky 120 Pro only)

GP/100 KIT INCLUDES:

Glass Clamps x2
Bottom Guide
Mounting Key

YOU WILL ALSO NEED:

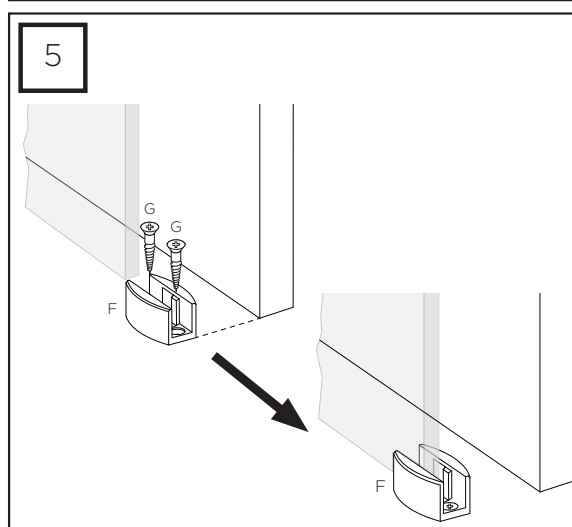
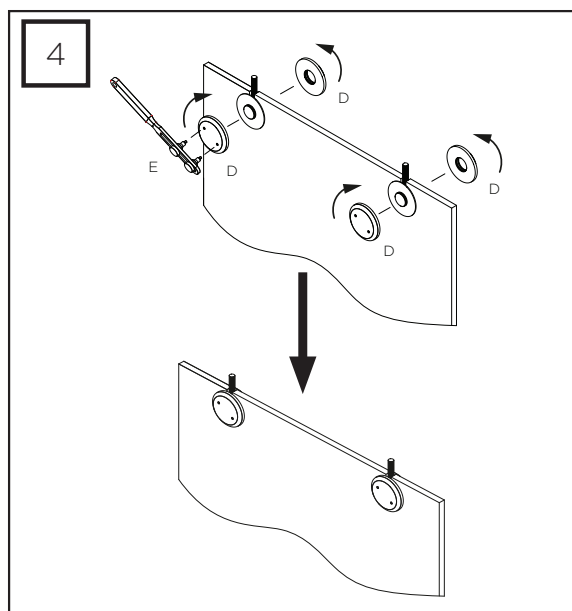
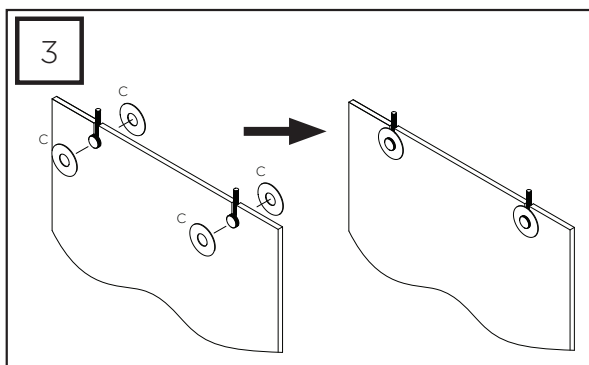
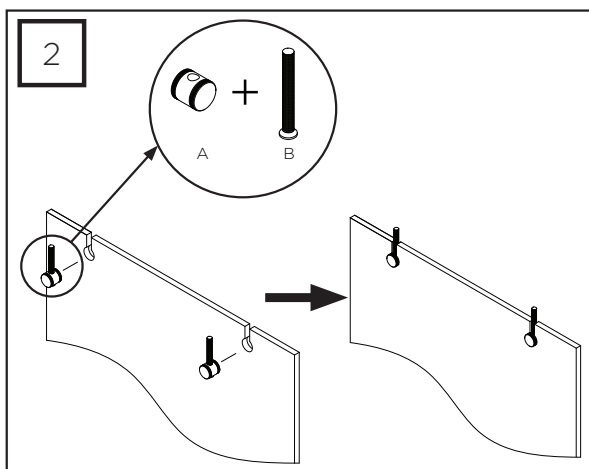
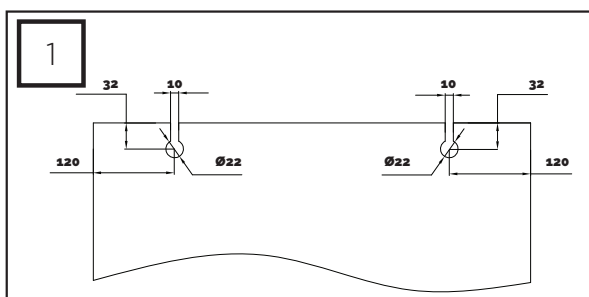
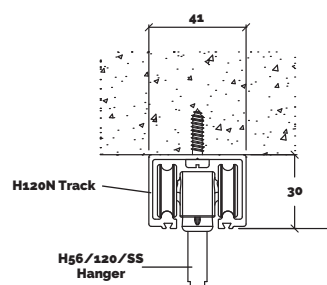
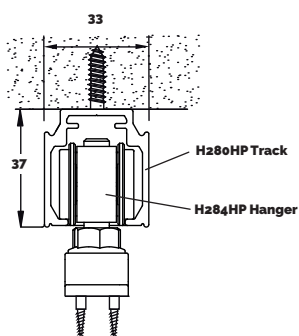
Husky 120 Pro Kit and track or
or Soltaire 120 hangers, stop and track



HGP100

**DRAWING IS
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HENDERSON



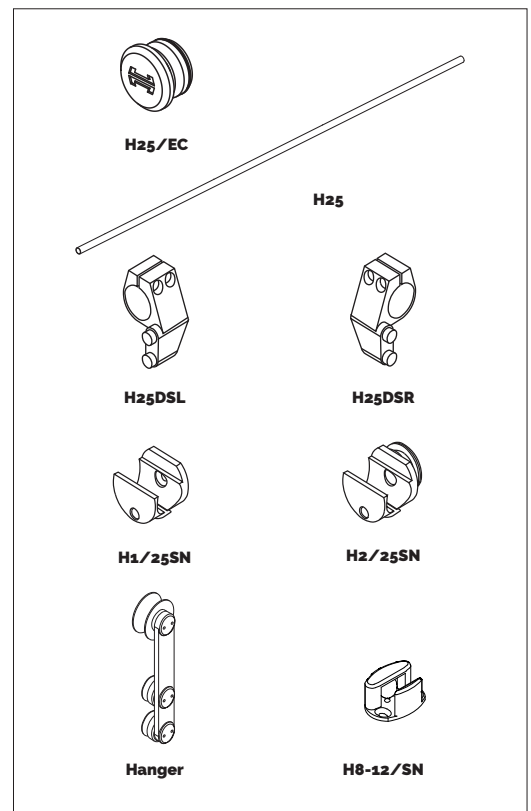
SIENNA GLASS

HENDERSON

For top hung glass sliding doors. Max 120kg each leaf.

APPLICATION

- Elegant frameless glass door system that creates a minimalistic look
- Designed for glass doors of up to 120kg and suits 8, 10 and 12mm door thicknesses
- Ideal for residential or commercial applications
- Rollers have been engineered to run effortlessly along a brushed stainless steel track
- Stops are positioned on the track to limit door travel
- High quality stainless steel hangers and brackets



HARDWARE SPECIFICATION

Track	H25	Stainless steel Ø25mm tubular track (2000, 2500, 3000, 3500, 4000 & 5000mm lengths)
Brackets	H1/25SN	Face fixed for solid wall
	H2/25SN	Face fixed for glass wall
Guide	H8-12/SN	Brushed stainless steel adjustable floor guide to suit 8, 10 or 12mm glass
Door Stop	H25DSL	Left hand door stop
	H25DSR	Right hand door stop
Accessories		
Handles	Refer to your Lockwood Catalogue for a full range of handles	

DOOR SPECIFICATION

Track System	Sienna
For Individual Doors:	
Max Door Weight	120kg
Min Door Width	700mm
Door Thickness	8, 10, 12mm
Max Door Height	2500mm

STANDARD SETS AND PACK

Sets comprise of 2 hangers, 2 door stops (left & right), one guide & 2 bar end caps

Pack No.	Hardware for
HSN120G	1 door

Glass Weight

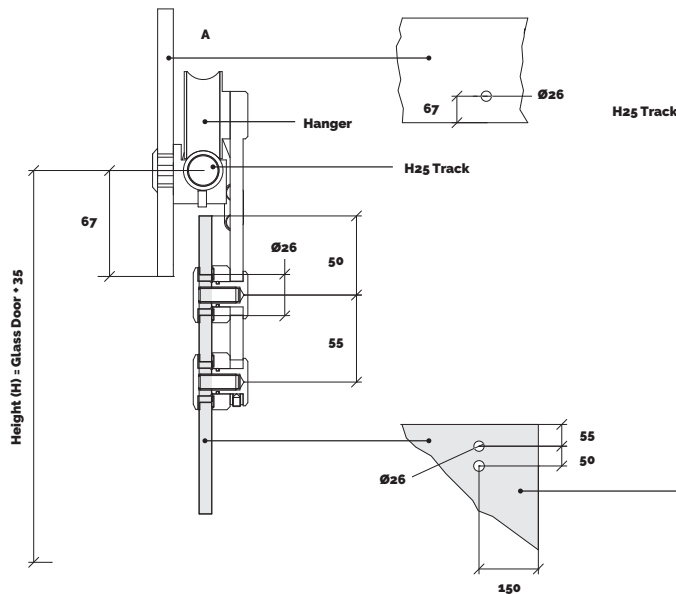
Value is approximate based on
 8mm glass panel = 20kg/m²
 10mm glass panel = 25kg/m²
 12mm glass panel = 30kg/m²

SIENNA GLASS

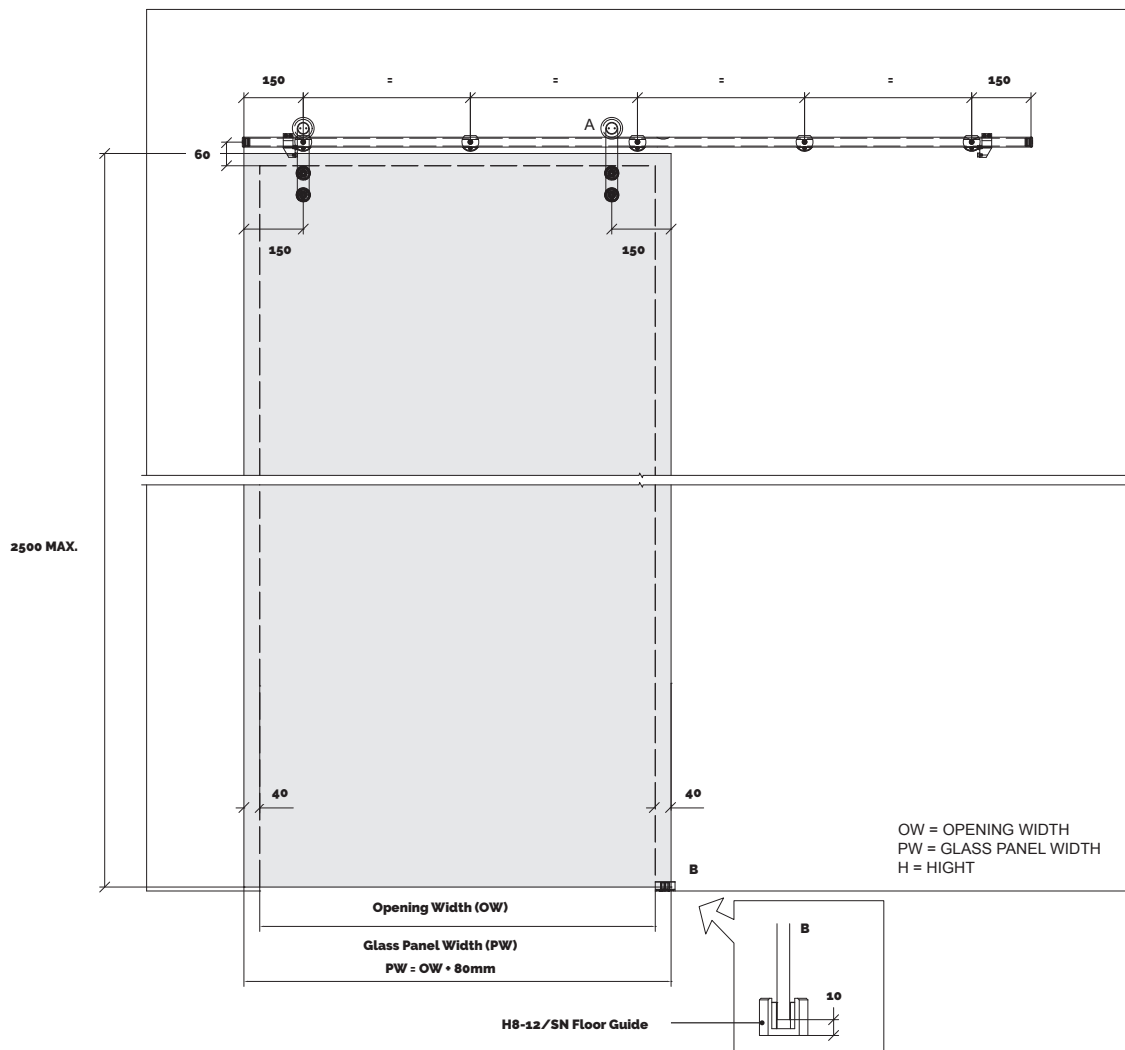
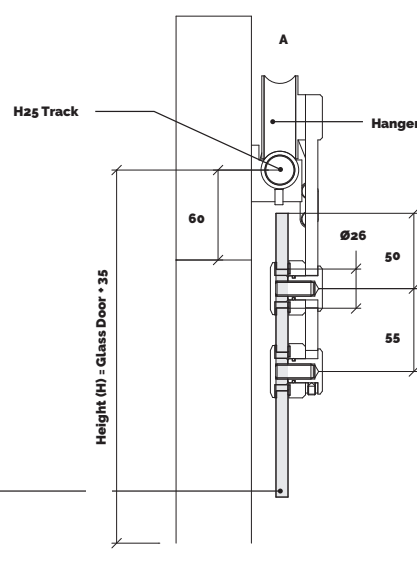
HENDERSON

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Fixing Glass to Glass



Fixing Glass to Wall



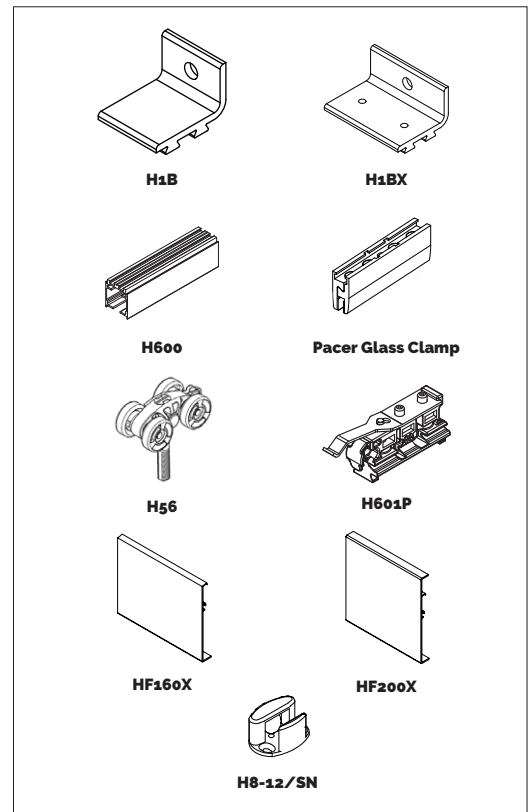
PACER GLASS

HENDERSON

For top hung glass sliding doors weighing 130 and 180kg each leaf

APPLICATION

- Ideal solution for commercial glass applications such as office doors and glass partitions
- Quiet operation, aluminium track with nylon rollers
- Glass clamp eliminates the need for holes in glass
- Suitable for both toughened and laminated glass



HARDWARE SPECIFICATION

Track	H600A	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H600AN	Aluminium anodized (2000, 3000, 4000 & 6000mm lengths)
Fixed Glass	HF600FPB	Aluminium bracket to allow glass side light to be fitted
Panel Profile		
Brackets	H1B	Face fix aluminium
	H1BX	Face fix jointing bracket
Guides	H8-12/SN	Brushed stainless steel adjustable floor guide for 8-10-12mm glass
Facias	HF160X	Facia for soffit fixed track
	HF200X	Facia for face fixed track
Accessories		
Handles	Refer to your Lockwood Catalogue for a full range of handles	

Glass Clamp Kits

Kit of 2 x 56 hangers, 2 x glass clamps, 2 x 601P clip stops and an adjustable guide

130kg			180kg		
H8/PA/130	130kg	8mm glass	H8/PA/180	180kg	8mm glass
H10/PA/130	130kg	10mm glass	H8/PA/180	180kg	8mm glass
H12/PA/130	130kg	12mm glass	H8/PA/180	180kg	8mm glass

DOOR SPECIFICATION

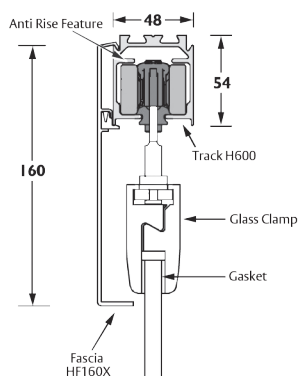
Track System	130kg	180kg
For Individual Door Leaves:		
Max Door Weight	130kg	180kg
Max Door Width	3000mm	3000mm
Glass Thickness	8-10-12mm	80-10-12mm
Max Panel Height	3000mm	3000mm

Glass Weight

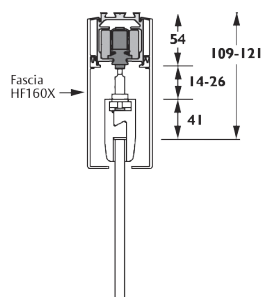
Value is approximate based on
 8mm glass panel = 20kg/m²
 10mm glass panel = 25kg/m²
 12mm glass panel = 30kg/m²

PACER GLASS

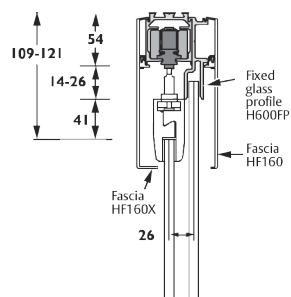
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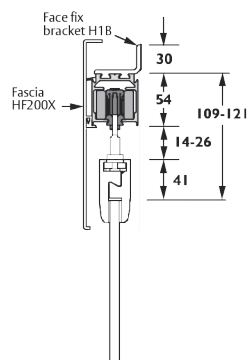
Pacer double fascia



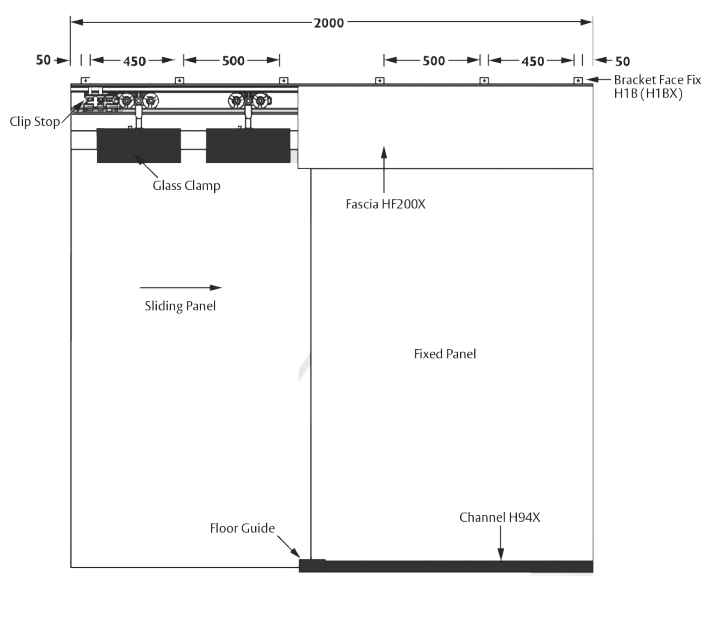
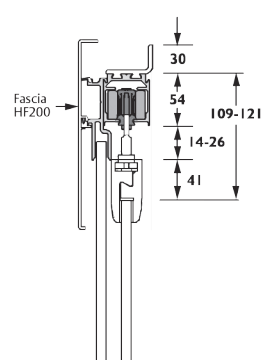
Pacer fixed panel



Pacer bracket



Pacer fixed panel fascia bracket



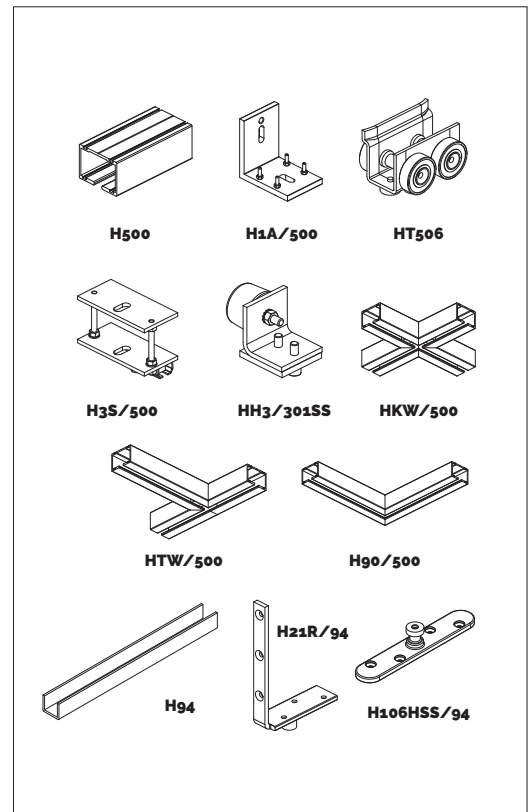
TRAVERSE GLASS

HENDERSON

For top hung straight sliding and multidirectional glass doors. Max 250kg each leaf.

APPLICATION

- Ideally suited to Hotels , conference centres,
- shop fronts and showrooms that require
- high performance and an attractive finish
- The system is designed for internal heavy panels that
- can either be straight sliding or applications where 135° movement is required
- Suitable for individual sliding doors to dedicated areas usually
- on either side of an opening where folding doors would not be suitable
- Floor channel is not necessary since the doors can be secured
- in position by stops, flush bolts or locks.
- To cover any width of opening, any number of panels can be used.



HARDWARE SPECIFICATION		
Track	H500	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths)
Track Intersects & Elbows	H45(LorR)/500	Anodised Aluminium 135° intersect (LH or RH)
	H135/500	Anodised Aluminium elbow
	H90L/500	Anodised Aluminium 90° swept elbow for 135° hanger Anodised Aluminium 90° swept elbow for 135 hanger (LH or RH)
Brackets	H1A/500	Face fixed
	H3S/500	Soffit fixed
Hangers	HT506	Hanger with mounting block
Profile Rail	FRP02	Aluminium anodised glass clamp top rail
	FRPN/94	Aluminium anodised glass clamp bottom rail
	FRE12	Glass top rail end cap
	FRE13	Glass bottom rail end cap
	H21/550GP	Glass pivot set
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94T	Aluminium threshold (2000, 3000, 4000 & 6000mm lengths)
Track Stop	HH3/301SS	Track stop stainless steel
Brush Strip	HB010	Brush strip 9mm
	HB012	Brush strip 12mm

DOOR SPECIFICATION	
Track System	Traverse
For Individual Door Leaves:	
Max Door Weight	250kg
Min Door Width	1000mm
Door Thickness	10 & 12mm
Max Door Height	3000mm

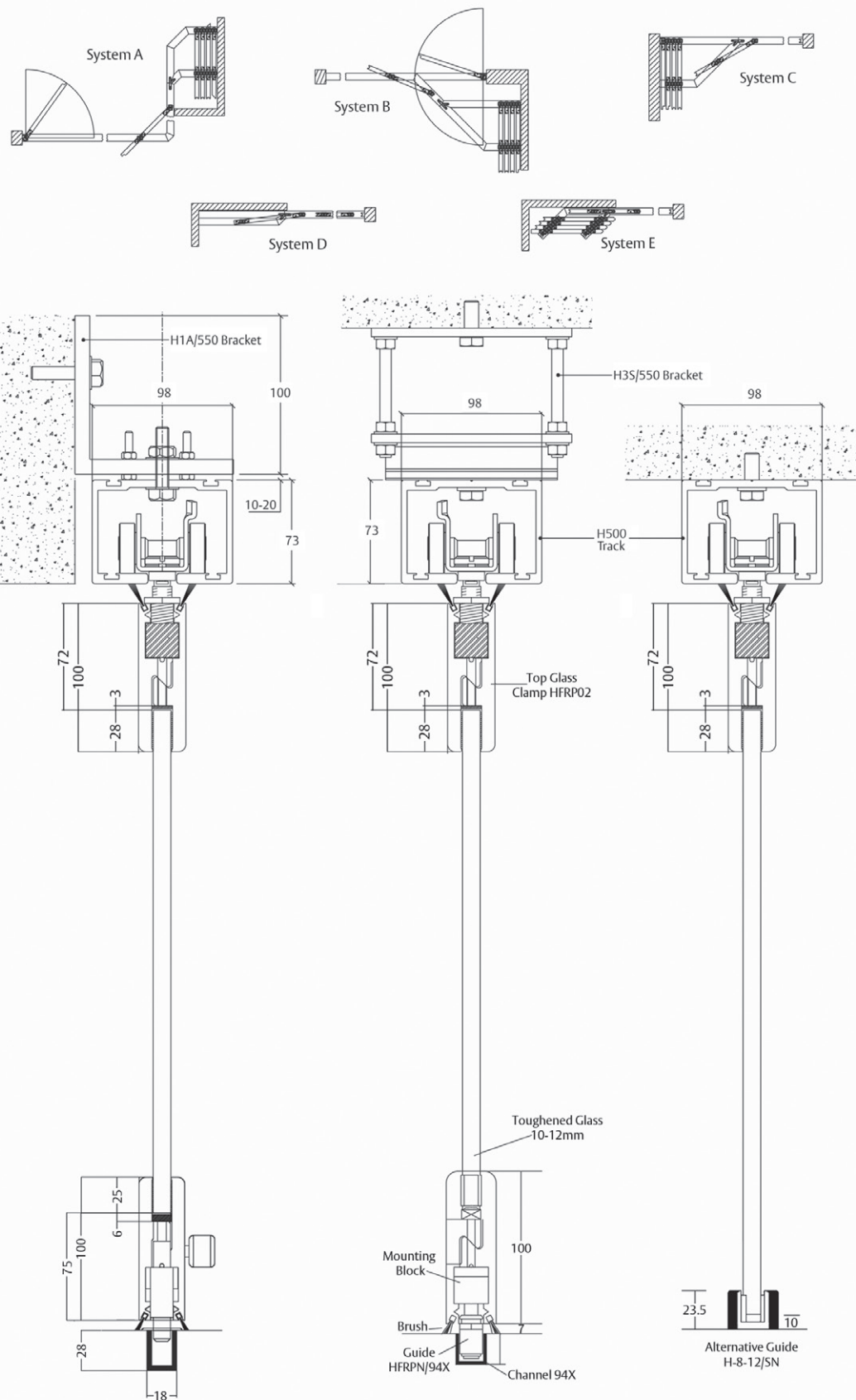
Glass Weight

Value is approximate based on
 8mm glass panel = 20kg/m²
 10mm glass panel = 25kg/m²
 12mm glass panel = 30kg/m²

TRAVERSE GLASS

HENDERSON

**DRAWING IS
NOT TO SCALE**



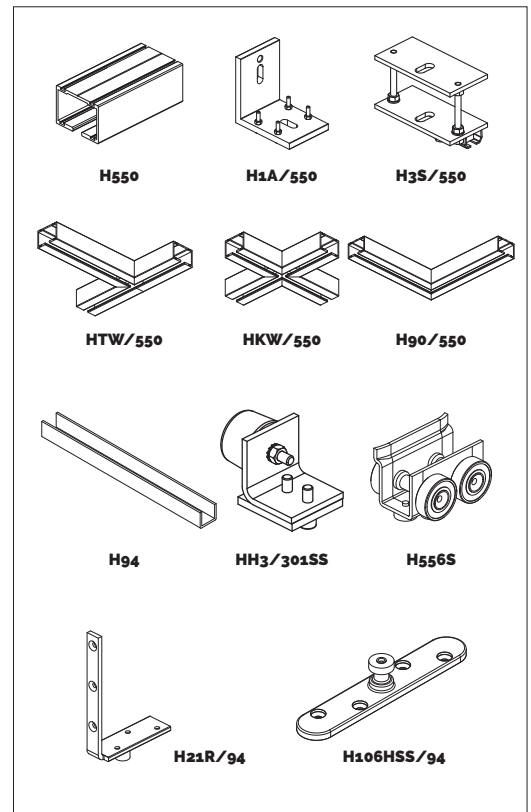
FLEXIROL GLASS

HENDERSON

For top hung straight sliding and multidirectional glass doors. Max 500kg each leaf.

APPLICATION

- Ideally suited to Hotels, conference centres shop fronts and showrooms that require high performance and an attractive finish
- The system is designed for internal heavy panels that can either be straight sliding or applications where 135° movement is required
- Suitable for individual sliding doors to dedicated areas usually on either side of an opening where folding doors would not be suitable
- Floor channel is not necessary since the doors can be secured in position by stops, flush bolts or locks
- To cover any width of opening, any number of panels can be used



HARDWARE SPECIFICATION

Track	H550	Anodised Aluminium (2000, 3000, 4000 & 6000mm lengths)
		See Components Section for full range of finishes
Track Intersects & Elbows	H45(LorR)/550	Anodised Aluminium 135° intersect (LH or RH)
	H135/550	Anodised Aluminium elbow
	H90L/550	Anodised Aluminium 90° swept elbow for 135° hanger Anodised Aluminium 90° swept elbow for 135 hanger (LH or RH)
Brackets	H1A/550	Face fixed
	H3S/550	Soffit fixed
Hangers	H556S	Hanger with mounting block
Profile Rail	FRP02	Aluminium anodised glass profile clamp top rail
	FRPN/94	Aluminium anodised glass profile clamp bottom rail
	FRE12	Glass profile top rail end cap
	FRE13	Glass profile bottom rail end cap
Pivots	H21/550GP	Glass pivot set
Channels	H94X	Aluminium (2000, 3000, 4000 & 6000mm lengths)
	H94PSC	Aluminium supporting channel and polypropylene (2000, 3000, 4000 & 6000mm lengths)
	H94T	Aluminium threshold (2000, 3000, 4000, 6000mm lengths)
Track Stop	HH3/301SS	Track stop stainless steel
Brush Strip	HB010	Brush strip 9mm
	HB012	Brush strip 12mm

DOOR SPECIFICATION

Track System	Flexirol
For Individual Door Leaves:	
Max Door Weight	500kg
Min Door Width	1000mm
Door Thickness	10 & 12mm
Max Door Height	4000mm

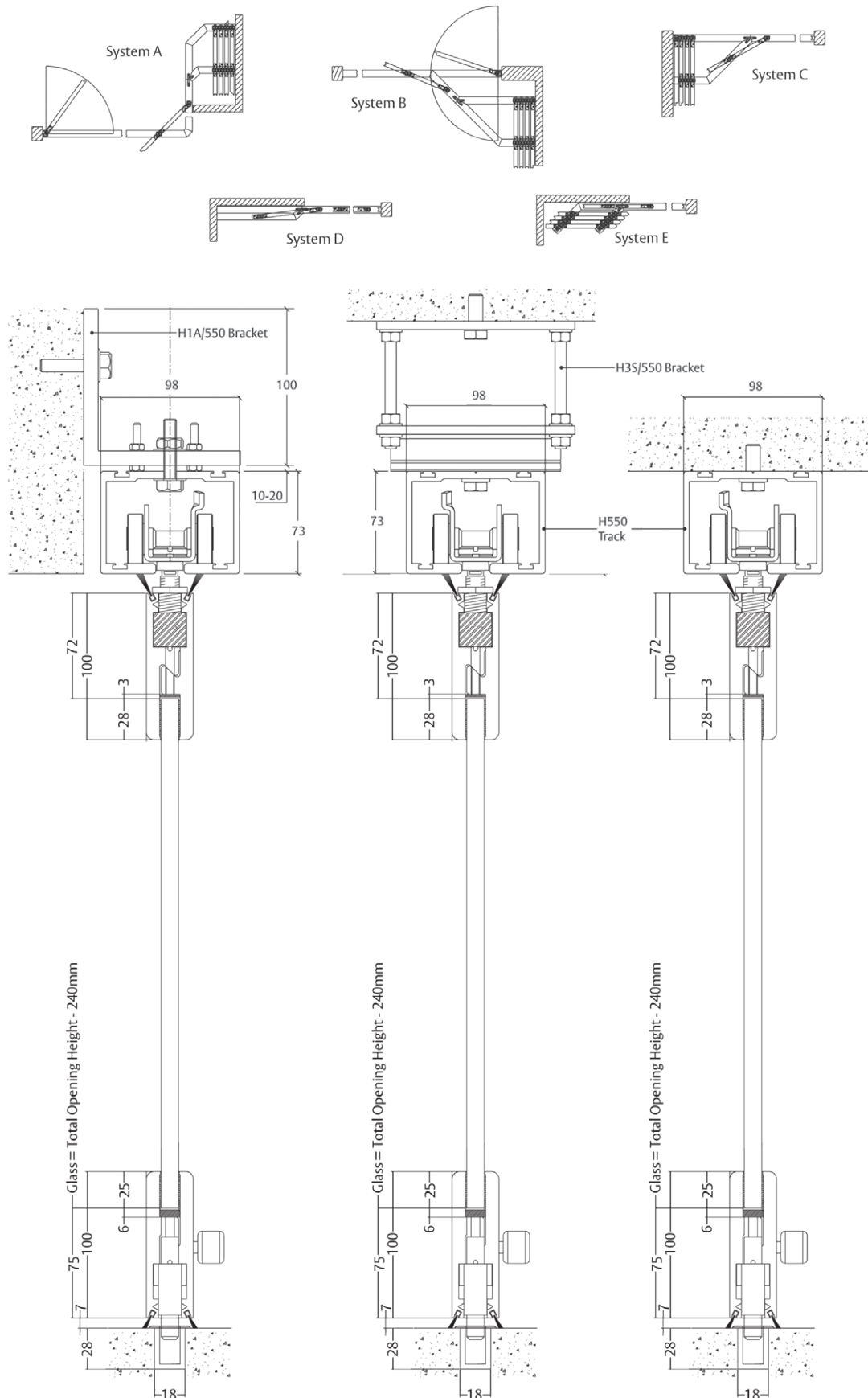
Glass Weight

Value is approximate based on
 8mm glass panel = 20kg/m²
 10mm glass panel = 25kg/m²
 12mm glass panel = 30kg/m²

FLEXIROL GLASS

HENDERSON

**DRAWING IS
NOT TO SCALE**





SECTION I



AUTOMATION

Automation

Section Index and General Guide

Select system for your top hung application.	Residential	Commercial	Industrial	Max. Door	Product	Data Sheet
APPLICATION						
Residential						
For a wide variety of openings and applications				80kg	Evolve 80	I10
For exterior Shutters and Screens				60kg-120kg	Shutter Slide	I20

EVOLVE

HENDERSON

Automated sliding system for wooden and glass doors weighing up to 80kg

APPLICATION

- New and improved - more sophisticated track and quieter motor
- Can be soffit fixed or face fixed
- Included push and go, configurable closing speeds and an auto closing delay timer
- Hardware works as regular sliding doors in the event of no power
- Available for single doors or two bi-parting doors with simultaneous action
- Standard offerings include 2 or 3 metre tracks for single doors and a 4 metre track for bi-parting doors
- Supplied with two wall mounted control panels
- Obstacle detection and safe low voltage operation
- Range of sensors and remote controls available as optional extras



PRODUCT AND DOOR SPECIFICATION

Kit Short Code	Type Of System	Door Material	Track Length	Door/Glass Thickness Range	Min.door Width	Max.door Width	Max.door Weight
E80/20	Single Door	Wood	2000mm	30-50mm*	675mm	1100mm**	80kg
E80/30	Single Door	Wood	3000mm	30-50mm*	675mm	1600mm**	80kg
10/E80/20	Single Door	Glass	2000mm	10mm	760mm	1100mm**	80kg
10/E80/30	Single Door	Glass	3000mm	10mm	760mm	1600mm**	80kg
12/E80/20	Single Door	Glass	2000mm	12mm	760mm	1100mm**	80kg
12/E80/130	Single Door	Glass	3000mm	12mm	760mm	1600mm**	80kg
ESIM80/40	Bi-Parting Doors	Wood	4000mm (2 x 2000mm)	30-50mm*	675mm	1058mm***	40kg (per door)
10/ESIM80/40	Bi-Parting Doors	Glass	4000mm (2 x 2000mm)	10mm	760mm	1058mm***	40kg (per door)
12/ESIM80/40	Bi-Parting Doors	Glass	4000mm (2 x 2000mm)	12mm	760mm	1058mm***	40kg (per door)

DRIVE UNIT SPECIFICATION

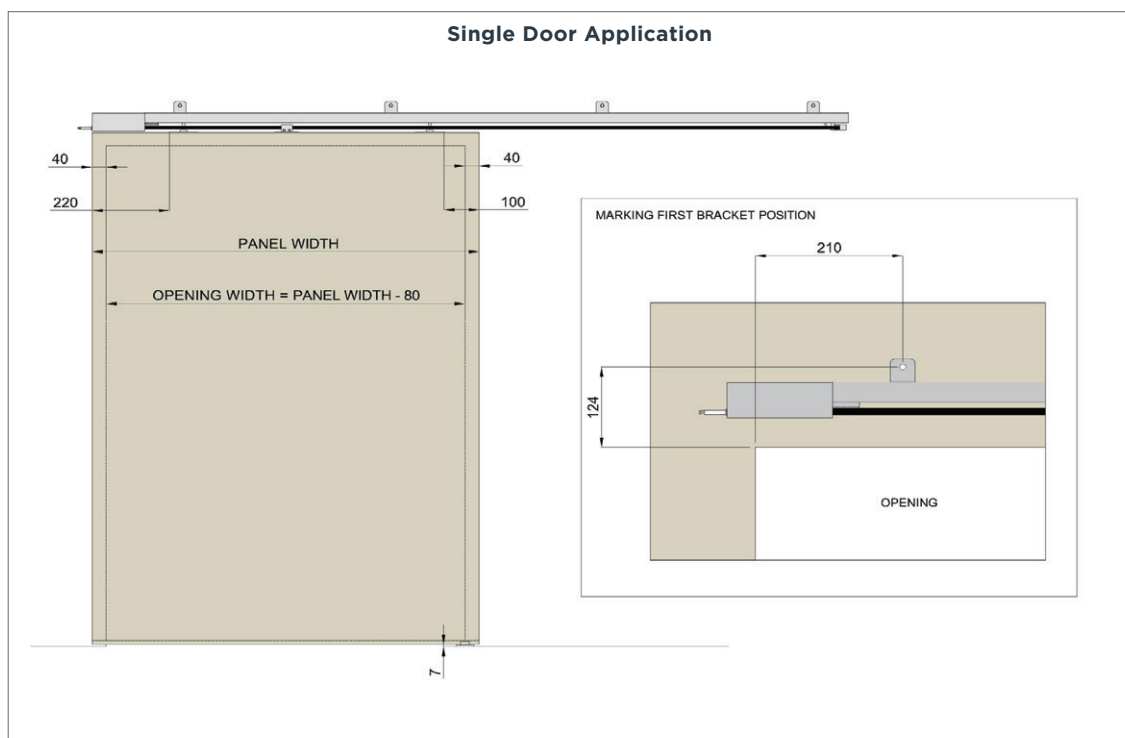
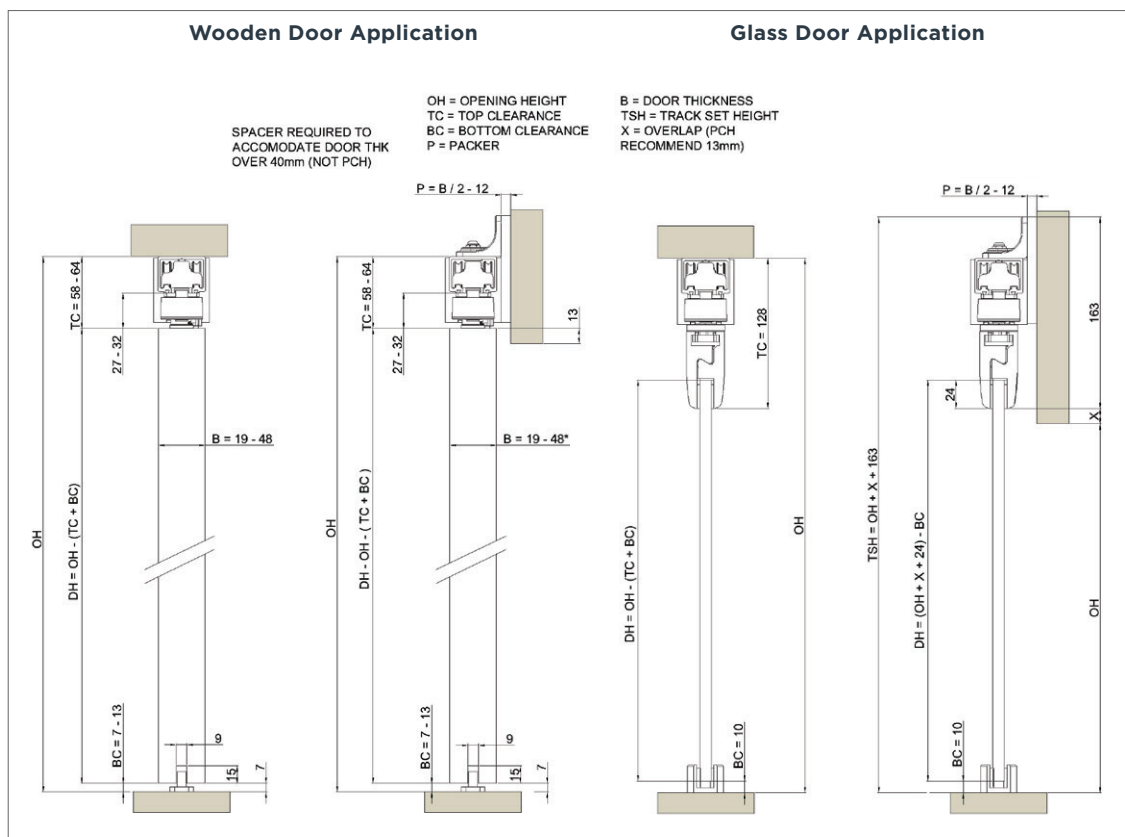
Operation Voltage	24V safety - low voltage via external power unit
Maximum operating speed	26cm/s Variable
Running performance	Soft start and stop
Safety Function	Includes obstacle detection in both directions
Configurable Options	Push and go, closing speed, auto closing delay timer

ACCESSORIES

Remote Control Kit	Includes a single channel remote control and one wireless receiver control panel	E2/RCK
Radar Motion Sensor	Available in black, white or aluminium	ER/B, ER/W or ER/S

DRIVE UNIT SPECIFICATION

Track (120/2000 or 120/3000)
Hangers (51/120/SS) or Glass Clamps
Floor Guide (101SS or 8-12/SN)
Track Stop (HH4/SS)
Toothed Belt
Belt Clamp
Tension Wheel
Face Fixed Brackets
Motor (1.5m cable length)
24V Transformer
Wall Mounted Control Panels x 2



SHUTTER SLIDE

HENDERSON

Straight sliding hardware for the movement of manual and automatic louvre panels

APPLICATION

- For wooden and metal louvre panels weighing up to 120kg
- Single panel, simultaneous action or telescopic variants
- Manual or automatic operation
- Manufactured using marine grade 316 stainless steel, hard wearing polymers and anodised aluminium
- Highly corrosion resistant - ensuring a long lifespan
- Low voltage energy efficient motors in 24V or 230V variants
- System is rated to IP54 for water resistance

SEE FULL DETAILS ON PAGE B140

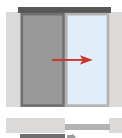


DOOR SPECIFICATION

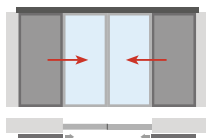
Configuration	Min. Panel Width	Max. Panel Height	Panel Thickness Range	Max. System Width	Max. Panel Weight
					Automated
Single Panel	400mm	3000mm	35-48mm	6000mm	120kg
Bi-Parting Panels (SIM Action)	400mm	3000mm	35-48mm	6000mm	60kg
Telescopic (2 panels)	400mm	3000mm	35-48mm	6000mm	80kg
Telescopic (3 panels)	400mm	3000mm	35-48mm	6000mm	60kg

For bespoke systems which do not meet the above criteria, please contact P C Henderson

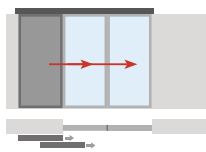
Single Panel



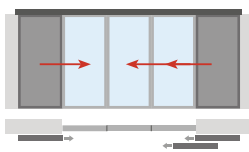
Simultaneous Action



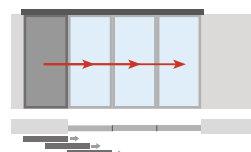
Telescopic (2)



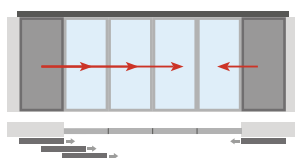
Telescopic (1+2)



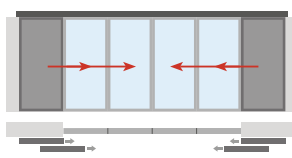
Telescopic (3)



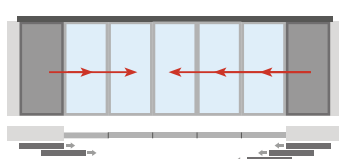
Telescopic (3+1)



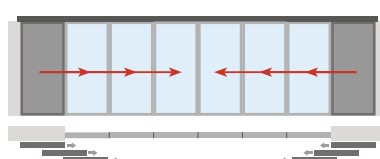
Telescopic (2+2)



Telescopic (2+3)



Telescopic (3+3)



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Notes:

Sliding and Folding Door Hardware
Complete product range

103 YEARS

HENDERSON

ASSA ABLOY New Zealand Ltd.
PO Box 100407, North Shore
Auckland 0745

6 Armstrong Road, Albany
Auckland 0632
New Zealand

For more info:
nzsales@assaabloy.com
www.assaabloy.com/nz