



Garage Side Sliding Sectional Doors

Technical Manual: Issue 01.08.2015



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Door leaf constructions and track applications as well as fitting examples are provided in this manual.

Before fitting a sectional door, the structural opening must be finished and the garage floor must be laid and level.

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All dimensions in mm.
Subject to design changes.

Door type	Door leaf
Side sliding sectional door HST – Double-skinned steel sections	
<ul style="list-style-type: none"> • M-ribbed Woodgrain, Sandgrain, Silkgrain or Decograin 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, Woodgrain, Sandgrain, Silkgrain, or Decograin exterior, Stucco-textured interior • Door sections with identical width, vertically ribbed, manufactured from hot-galvanized sheet steel • Surface with polyester-primer coating (with Decograin, plastic film coating on the outside) • Glazing possible in the top door section • Ventilation grille possible in the bottom door section
<ul style="list-style-type: none"> • L-ribbed Woodgrain, Sandgrain, Silkgrain or Decograin 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, Woodgrain, Sandgrain, Silkgrain, or Decograin exterior, Stucco-textured interior • Door sections with identical width, not ribbed, manufactured from hot-galvanized sheet steel • Surface with polyester-primer coating • Glazing possible in the top door section • Ventilation grille possible in the bottom door section
<ul style="list-style-type: none"> • S-panelled Woodgrain or Decograin 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, Woodgrain or Decograin exterior, Stucco-textured interior • Panelled door sections with identical width, manufactured from hot-galvanized sheet steel • Surface with polyester-primer coating (with Decograin, plastic film coating on the outside) • Glazing possible in the top door section • Ventilation grille possible in the bottom door section


For further details, see the brochure.


HST Side Sliding Sectional Door

M-ribbed
Woodgrain

External views

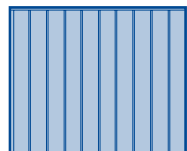
(The illustrations correspond to size 2500 × 2125 mm. Deviations may occur with other sizes.)

 Size range in which an operator ProMatic can be used.

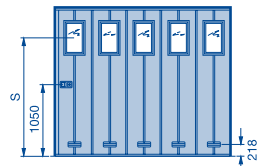
 Size range in which an operator SupraMatic is required.

Standard sizes

Basic model



With glazing S0, S1, S2

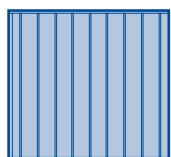


Intermediate heights in 5 mm grid, intermediate widths are not possible.

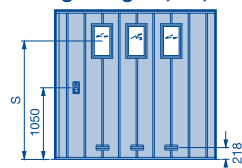
Grid height	Grid width													S														
	4			5			6		7		8		9		10		11		12		13	Number of door sections, glazing type S, ventilation grille						
3000	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	2658	
2875	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	2487	
2750	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	2382	
2625	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	2281	
2500	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	2156	
2375	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1995	
2250	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1845	
2205	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1821	
2125	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1731	
2080	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1708	
2000	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1668	
1875	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	-	
	2000	2080	2125	2205	2250	2375	2500	2625	2750	2875	3000	3125	3275	3500	3750	4000	4250	4500	4750	5000	5250	5500	5700	6000	6300	6500	-	
	Grid width																											

Special sizes

Basic model



With glazing S0, S1, S2



Intermediate heights possible in 5 mm grid, intermediate widths in 1 mm grid.

Grid height	Intermediate width													S															
	4		5			6		7		8		9		10		11		12		13	Number of door sections								
3000	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	2658		
2875	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	2487		
2750	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	2382		
2625	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	2281		
2500	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	2156		
2375	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1995		
2250	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1845		
2205	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1821		
2125	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1731		
2080	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1708		
2000	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	1668		
1875	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	-		
1800	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	-		
	1800	1901	1981	2026	2101	2151	2276	2401	2526	2651	2776	2901	3021	3176	3401	3651	3901	4151	4401	4651	4901	5151	5401	5601	5901	6201	6401	6499	
	Intermediate width																												

HST Side Sliding Sectional Door


M-ribbed

Sandgrain, Silkgrain or Decograin

External views

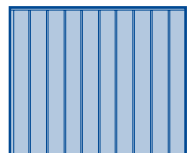
(The illustrations correspond to size 2500 x 2125 mm. Deviations may occur with other sizes.)

 Size range in which an operator ProMatic can be used.

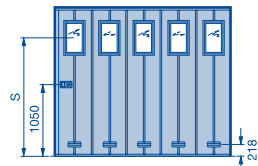
 Size range in which an operator SupraMatic is required.

Standard sizes

Basic model



With glazing S0, S1, S2

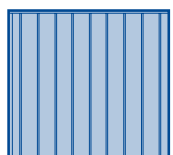


Intermediate heights in 5 mm grid, intermediate widths are not possible.

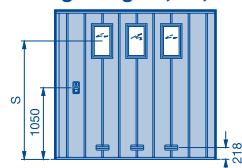
Grid height																					S					
	3000																					2658				
2875																					2487					
2750																					2382					
2625																					2281					
2500																					2156					
2375																					1995					
2250																					1845					
2205																					1821					
2125																					1731					
2080																					1708					
2000																					1668					
1875																					-					
	4				5				6			7		8		9		10		11		12		13	Number of door sections, glazing type S, ventilation grille	
	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500
	2000	2080	2125	2205	2250	2375	2500	2625	2750	2875	3000	3125	3275	3500	3750	4000	4250	4500	4750	5000	5250	5500	5700	6000	6300	6500
	Grid width																									

Special sizes

Basic model



With glazing S0, S1, S2



Intermediate heights possible in 5 mm grid, intermediate widths in 1 mm grid.

Grid height																					S						
	3000																										2658
2875																										2487	
2750																										2382	
2625																										2281	
2500																										2156	
2375																										1995	
2250																										1845	
2205																										1821	
2125																										1731	
2080																										1708	
2000																										1668	
1875																										-	
1800																										-	
	4				5				6			7		8		9		10		11		12		13		Number of door sections	
	2		3			4				5			6		7		8		9		10			11		Number of glazings type S, ventilation grille	
	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	525
	1800	1901	1981	2026	2101	2151	2276	2401	2526	2651	2776	2901	3021	3176	3401	3651	3901	4151	4401	4651	4901	5151	5401	5601	5901	6201	6401
	Intermediate width																										
	6499																										


HST Side Sliding Sectional Door


L-ribbed

Woodgrain

External views

(The illustrations correspond to size 2500 × 2125 mm. Deviations may occur with other sizes.)

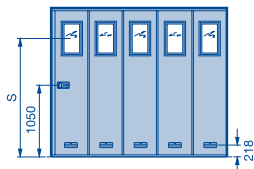
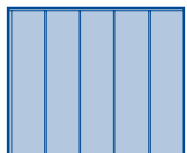
 Size range in which an operator ProMatic can be used.

 Size range in which an operator SupraMatic is required.

Standard sizes

Basic model

With glazing S0, S1, S2



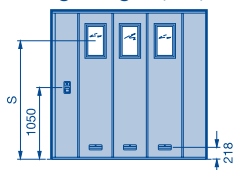
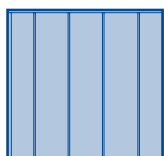
Intermediate heights in 5 mm grid, intermediate widths are not possible.

Grid height																										S																
	3000																										2658															
	2875																										2487															
2750																										2382																
2625																										2281																
2500																										2156																
2375																										1995																
2250																										1845																
2205																										1821																
2125																										1731																
2080																										1708																
2000																										1668																
1875																										-																
																										S																
		4				5				6				7				8				9				10				11				12				13				Number of door sections, glazing type S, ventilation grille
		500 520 531 550 562				475 500 525 550				479 500 520 468				500 468 500 531				500 475 500 525				500 475 500 525				500				Door section height												
		2000 2080 2125 2205 2250 2375 2500 2625 2750				2875 3000 3125 3275 3500 3750 4000 4250 4500 4750 5000 5250 5500 5700 6000 6300 6500																																				
																										Grid width																

Special sizes

Basic model

With glazing S0, S1, S2



Intermediate heights possible in 5 mm grid, intermediate widths in 1 mm grid.

Grid height																										S																
	3000																										2658															
	2875																										2487															
2750																										2382																
2625																										2281																
2500																										2156																
2375																										1995																
2250																										1845																
2205																										1821																
2125																										1731																
2080																										1708																
2000																										1668																
1875																										-																
1800																										-																
																										S																
		4				5				6				7				8				9				10				11				12				13				Number of door sections
		2				3				4				5				6				7				8				9				10				11				Number of glazings type S, ventilation grille
		500 520 531 550 562				475 500 525 550				479 500 520 468				500 468 500 531				500 475 500 525				500 475 500 525				500				Door section height												
		1800 1901 1981 2026 2101 2151 2276 2401 2526 2651 2776 2901 3021 3176 3401 3651 3901 4151 4401 4651 4901 5151 5401 5601 5901 6201 6401 6499																																								
																										Intermediate width																


HST Side Sliding Sectional Door


L-ribbed

Sandgrain, Silkgrain or Decograin

External views

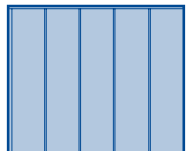
(The illustrations correspond to size 2500 x 2125 mm. Deviations may occur with other sizes.)

 Size range in which an operator ProMatic can be used.

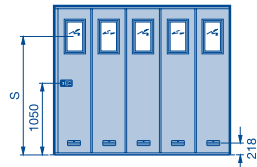
 Size range in which an operator SupraMatic is required.

Standard sizes

Basic model



With glazing S0, S1, S2

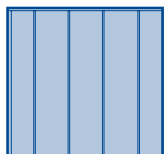


Intermediate heights in 5 mm grid, intermediate widths are not possible.

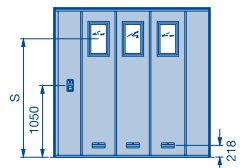
Grid height	Grid width													S													
	4			5			6		7		8		9		10		11		12		13	Number of door sections, glazing type S, ventilation grille					
3000																						2658					
2875																							2487				
2750																							2382				
2625																							2281				
2500																							2156				
2375																							1995				
2250																							1845				
2205																							1821				
2125																							1731				
2080																							1708				
2000																							1668				
1875																							-				
	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	6500
	2000	2080	2125	2205	2250	2375	2500	2625	2750	2875	3000	3125	3275	3500	3750	4000	4250	4500	4750	5000	5250	5500	5700	6000	6300	6500	Door section height

Special sizes

Basic model



With glazing S0, S1, S2



Intermediate heights possible in 5 mm grid, intermediate widths in 1 mm grid.

Grid height	Intermediate width													S														
	4		5			6		7		8		9		10		11		12		13	Number of door sections							
3000																						2658						
2875																							2487					
2750																							2382					
2625																							2281					
2500																							2156					
2375																							1995					
2250																							1845					
2205																							1821					
2125																							1731					
2080																							1708					
2000																							1668					
1875																							-					
1800																							-					
	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	525	6499
	1800	1901	1981	2026	2101	2151	2276	2401	2526	2651	2776	2901	3021	3176	3401	3651	3901	4151	4401	4651	4901	5151	5401	5601	5901	6201	6401	6499


HST Side Sliding Sectional Door


S-panelled

Woodgrain

External views

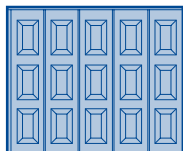
(The illustrations correspond to size 2500 × 2125 mm. Deviations may occur with other sizes.)

 Size range in which an operator ProMatic can be used.

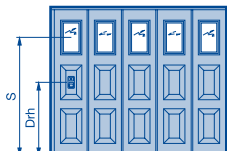
 Size range in which an operator SupraMatic is required.

Standard sizes

Basic model



With glazing S0, S1, S2



Intermediate heights in 5 mm grid, intermediate widths are not possible.

Grid height														K	S	DRH													
	3000														4	2658	1155												
2875														4	2487	1129													
2750														4	2382	1081													
2625														4	2281	1031													
2500														4	2156	989													
2375														3	1995	1219													
2250														3	1845	1156													
2205														3	1821	1134													
2125														3	1731	1093													
2080														3	1708	1071													
2000														3	1668	1031													
	4				5				6			7		8		9		10		11		12		13	Number of door sections, glazing type S				
	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	Door section height		
	2000	2080	2125	2205	2250	2375	2500	2625	2750	2875	3000	3125	3275	3500	3750	4000	4250	4500	4750	5000	5250	5500	5700	6000	6300	6500	K	Number of panels	
																											DRH	Lever height	


HST Side Sliding Sectional Door


S-panelled

Decograin

External views

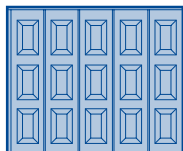
(The illustrations correspond to size 2500 × 2125 mm. Deviations may occur with other sizes.)

 Size range in which an operator ProMatic can be used.

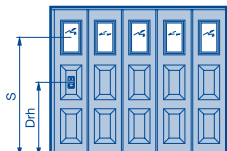
 Size range in which an operator SupraMatic is required.

Standard sizes

Basic model



With glazing S0, S1, S2



Intermediate heights in 5 mm grid, intermediate widths are not possible.

Grid height	Grid width													K	S	DRH													
	4				5				6		7		8		9		10		11		12		13						
3000																								4	2658	1155			
2875																								4	2487	1129			
2750																								4	2382	1081			
2625																								4	2281	1031			
2500																								4	2156	989			
2375																								3	1995	1219			
2250																								3	1845	1156			
2205																								3	1821	1134			
2125																								3	1731	1093			
2080																								3	1708	1071			
2000																								3	1668	1031			
	500	520	531	550	562	475	500	525	550	479	500	520	468	500	468	500	531	500	475	500	525	500	475	500	525	500	Number of door sections, glazing type S		
	Door section height																												
	2000	2080	2125	2205	2250	2375	2500	2625	2750	2875	3000	3125	3275	3500	3750	4000	4250	4500	4750	5000	5250	5500	5700	6000	6300	6500	K	Number of panels	
																									DRH	Lever height			

HST Side Sliding Sectional Door

ES track application, standard sizes

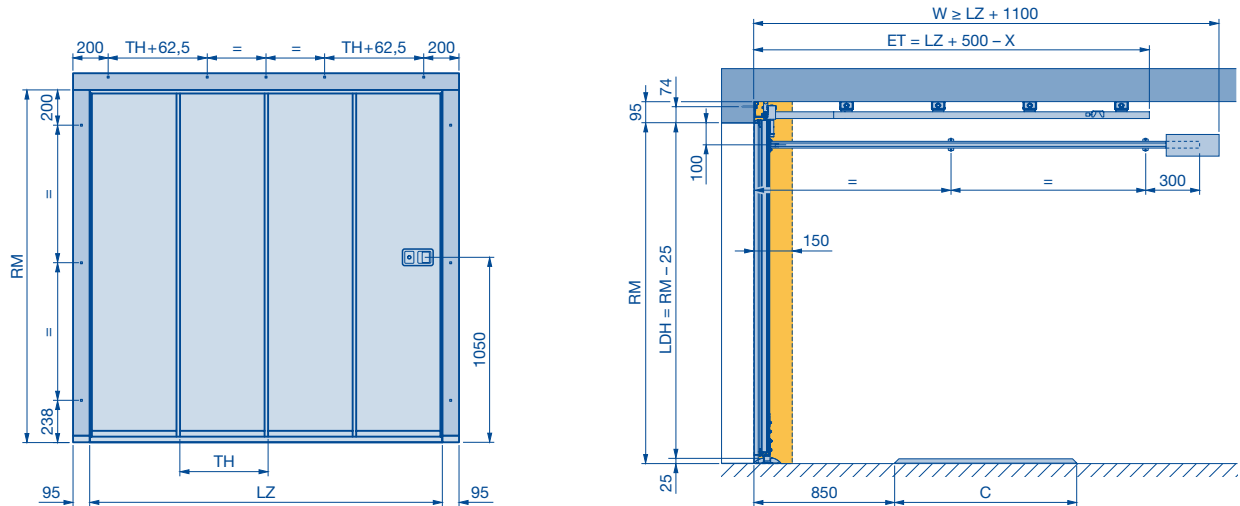
Operator fitting to wall

Manual operation

(The illustrations correspond to size 2250 x 2125 mm. Deviations may occur with other sizes.)

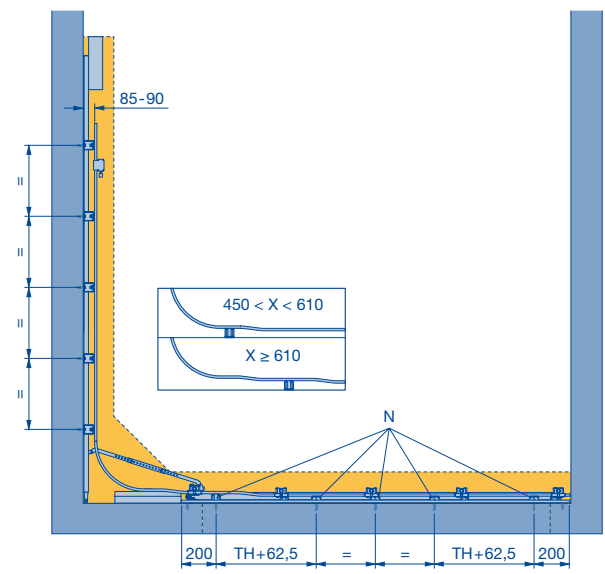
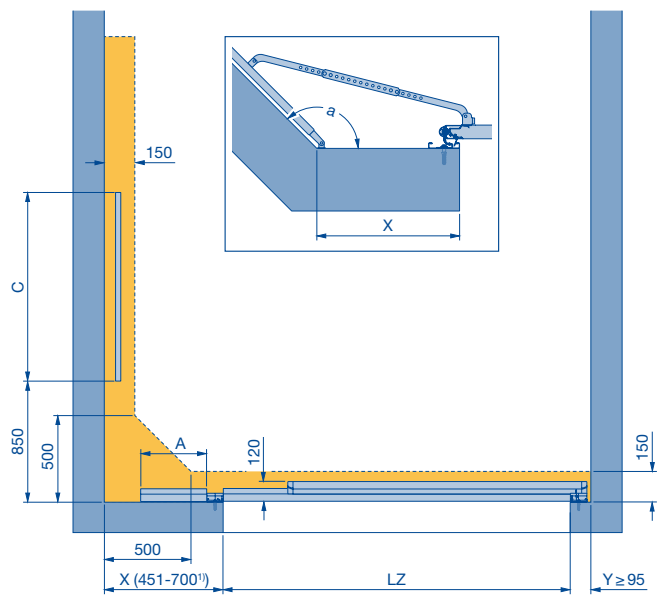
Note:

The clearance for fitting and subsequent operation of the door must be complied with.



Floor rail view

Track view



A = length of short floor rail	
451 ≤ X ≤ 605	A = 300
605 < X ≤ 900	A = X - 305

C = side floor rail length ²⁾	
701 ≤ X < 1000	LZ - 250
X ≥ 1000	LZ + 500 - X
Additional floor rail ³⁾	
X ≥ 3000	LZ - 845

Fastening, one-part top frame	
LZ	N
1800 - 2205	4
2206 - 2625	5
2626 - 3125	6
3126 - 3750	7
3751 - 4250	8
4251 - 4750	9
4751 - 5000	10
Fastening, two-part top frame	
5001 - 5500	10
5501 - 6500	12

Curve angle [a]	Max. X
135°	458
130°	497
125°	531
120°	561
115°	587
110°	612
105°	635
100°	657
95°	697
90°	700

1) X values > 700 to 1000 possible for doors without operator; X values > 1000 possible for doors without operator with "HST reveal depth extension" set
 2) LZ > 5000 two-part version
 3) Side floor rail along the X reveal

HST Side Sliding Sectional Door

DS track application, standard sizes

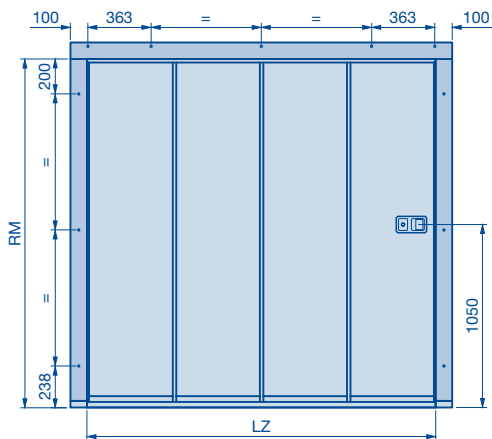
Operator wall fitting, small sideroom X

Manual operation

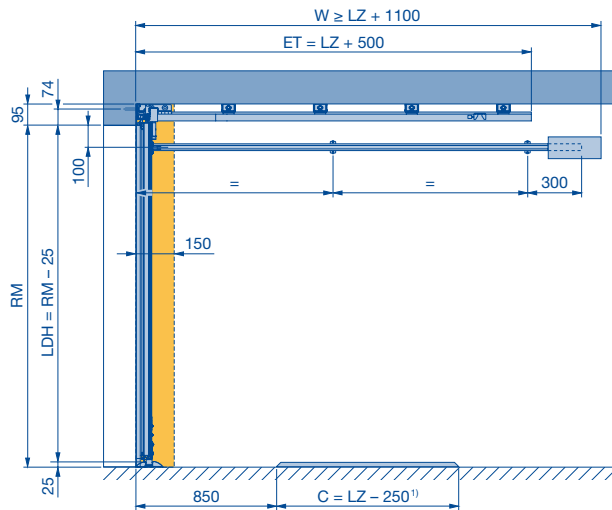
(The illustrations correspond to size 2250 × 2125 mm. Deviations may occur with other sizes.)

Note:

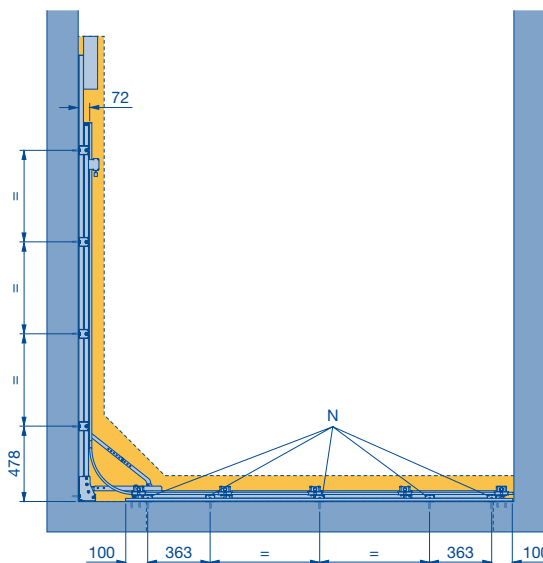
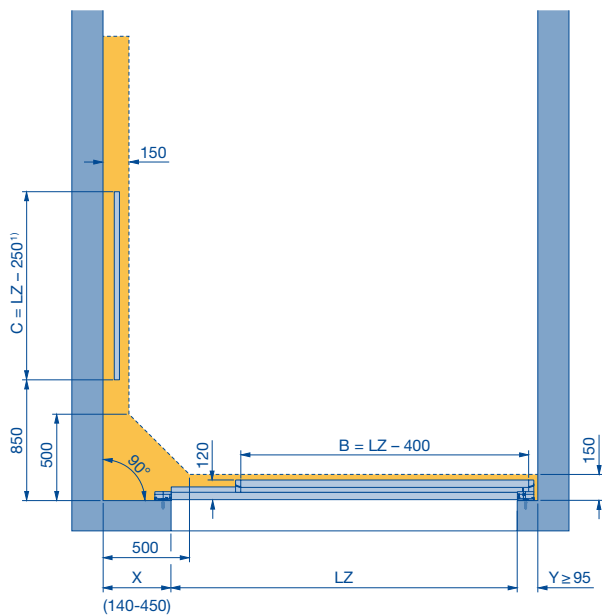
The clearance for fitting and subsequent operation of the door must be complied with.



Floor rail view



Track view



Top frame fastening	
LZ	N
1800–2249	5
2250–2624	6
2625–3124	7
3125–3999	8
4000–4499	9
4500–4999	10
5000	11
Fastening, two-part top frame	
5001–5749	12
5750–6500	14

1) LZ > 5000 two-part version

HST Side Sliding Sectional Door

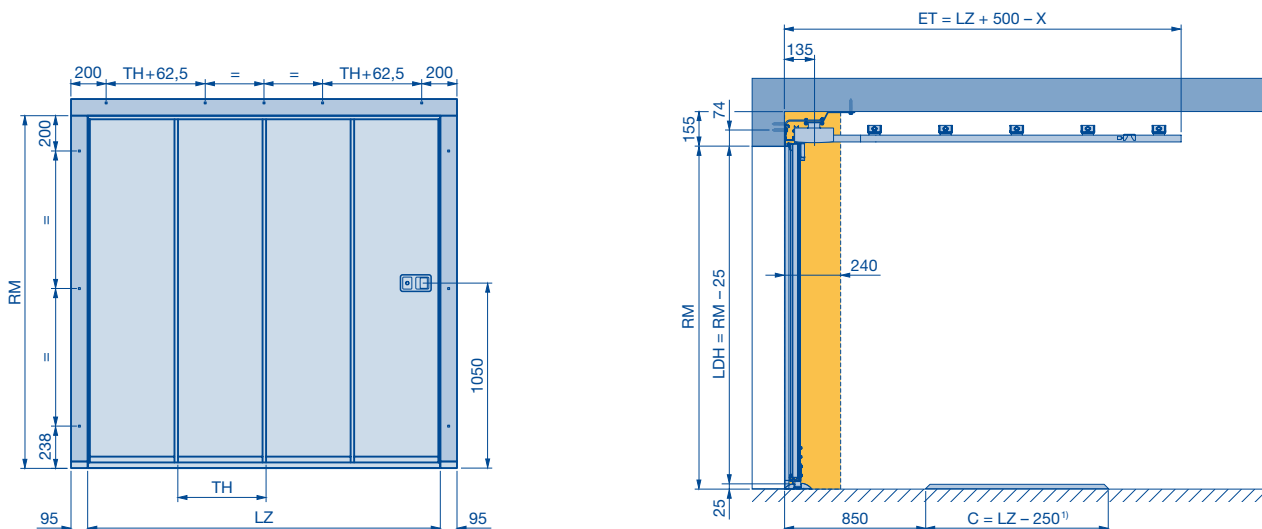
ES track application, standard sizes

Operator ceiling fitting A

(The illustrations correspond to size 2250 x 2125 mm. Deviations may occur with other sizes.)

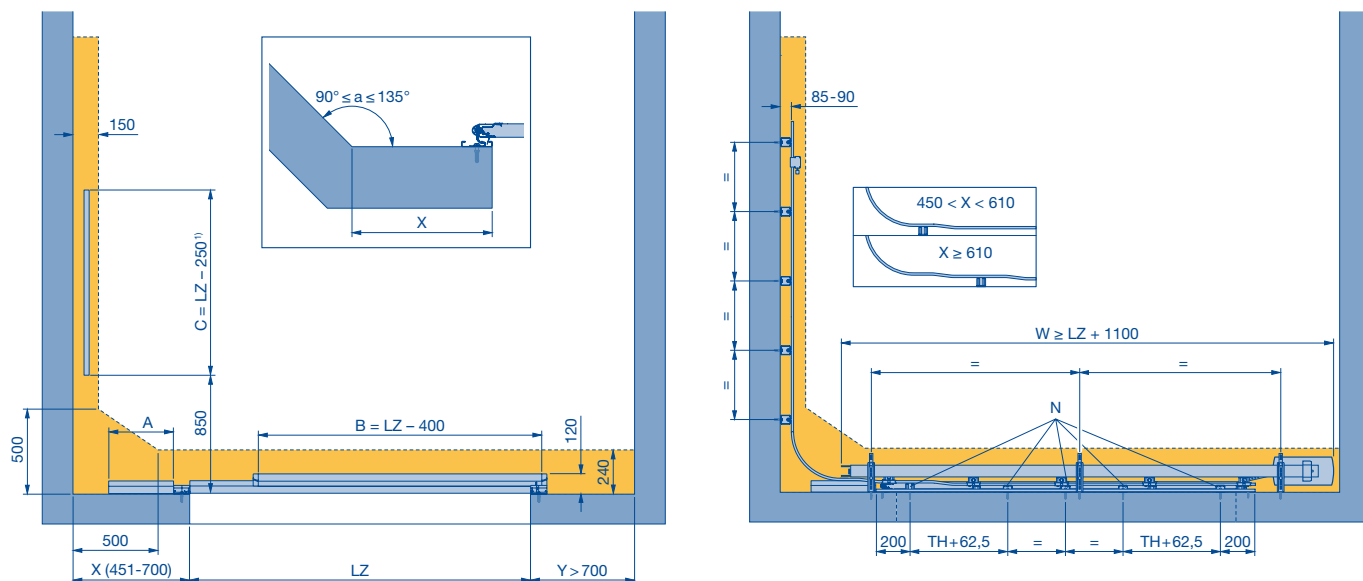
Note:

The clearance for fitting and subsequent operation of the door must be complied with.



Floor rail view

Track view



A = length of short floor rail

451 ≤ X ≤ 605	A = 300
605 < X ≤ 700	A = X - 305

Fastening, one-part top frame

LZ	N
1800 - 2249	5
2250 - 2624	6
2625 - 3124	7
3125 - 3999	8
4000 - 4499	9
4500 - 4999	10
5000	11

Fastening, two-part top frame

5001 - 5749	12
5750 - 6500	14

1) LZ > 5000 two-part version

HST Side Sliding Sectional Door

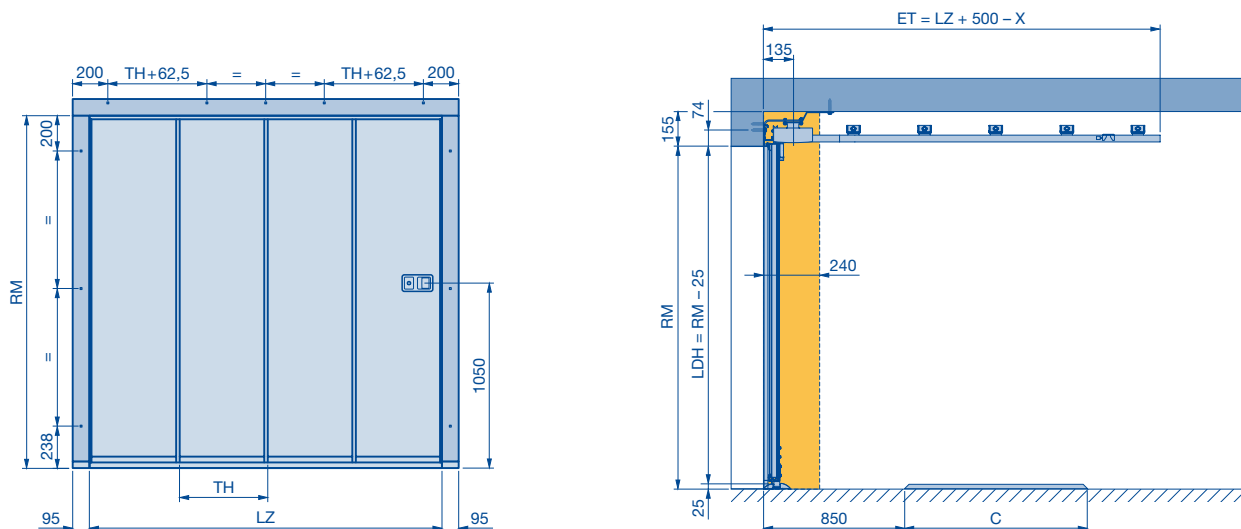
ES track application, standard sizes

Operator ceiling fitting B

(The illustrations correspond to size 2250 x 2125 mm. Deviations may occur with other sizes.)

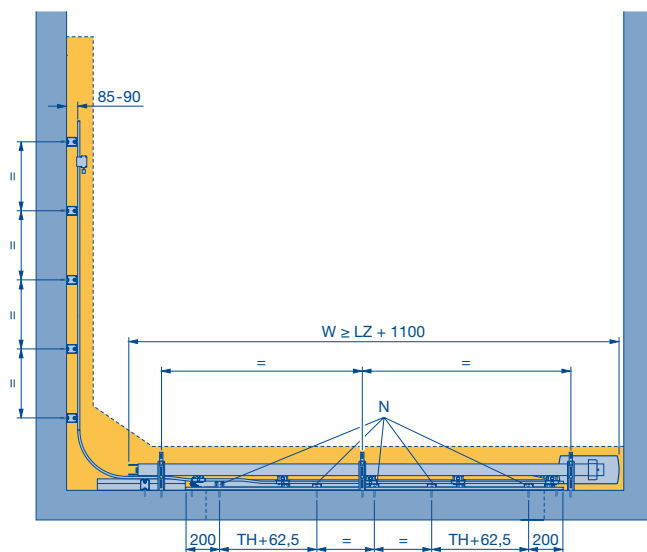
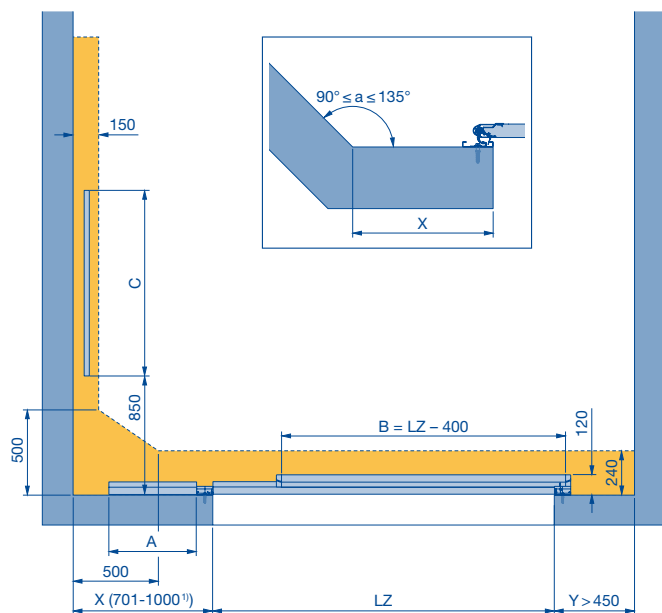
Note:

The clearance for fitting and subsequent operation of the door must be complied with.



Floor rail view

Track view



A = length of short floor rail	
$451 \leq X \leq 605$	A = 300
$605 < X \leq 900$	A = X - 305

C = side floor rail length ²⁾	
$701 \leq X < 1000$	LZ - 250
$X \geq 1000$	LZ + 500 - X
Additional floor rail ³⁾	
$X \geq 3000$	LZ - 845

Fastening, one-part top frame		
LZ	N	
1800 - 2205	4	
2206 - 2625	5	
2626 - 3125	6	
3126 - 3750	7	
3751 - 4250	8	
4251 - 4750	9	
4751 - 5000	10	

Fastening, two-part top frame		
LZ	N	
5001 - 5500	10	
5501 - 6500	12	

- 1) X values > 1000 possible with "HST reveal depth extension" set
- 2) LZ > 5000 two-part version
- 3) Side floor rail along the X reveal replaces short floor rail A

HST Side Sliding Sectional Door

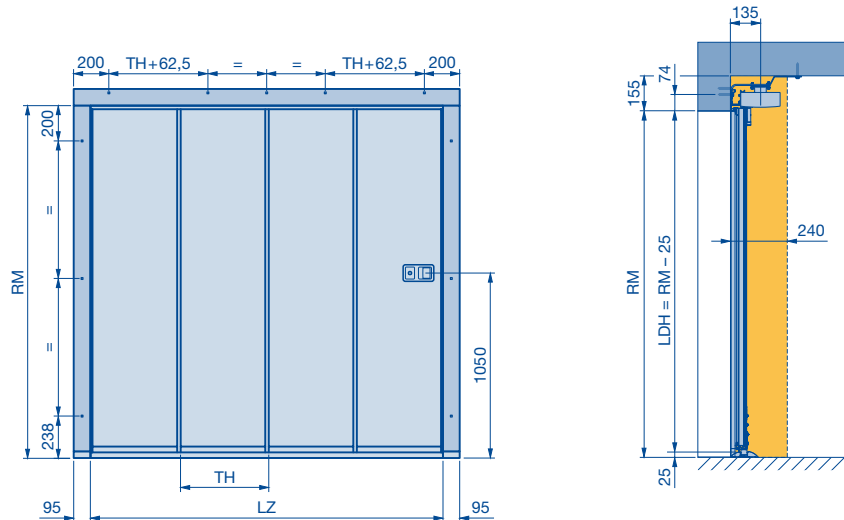
ES track application, standard sizes

Operator ceiling fitting B sliding door

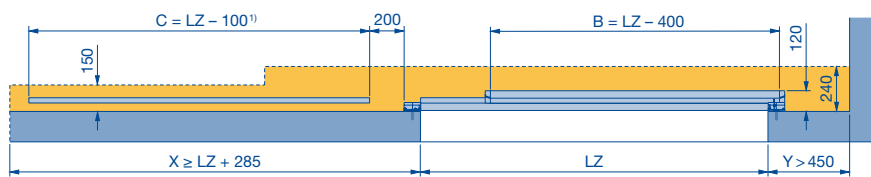
(The illustrations correspond to size 2250 × 2125 mm. Deviations may occur with other sizes.)

Note:

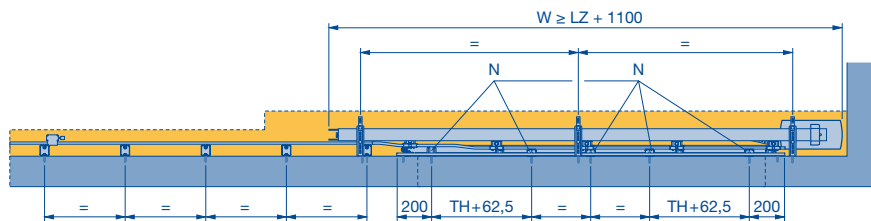
The clearance for fitting and subsequent operation of the door must be complied with.



Floor rail view



Track view

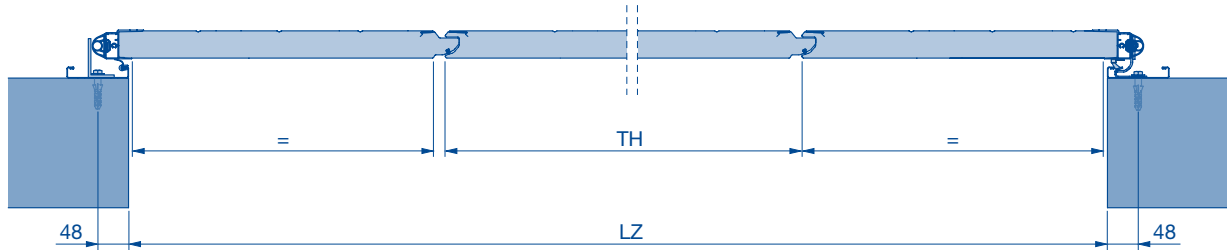


1) LZ > 5000 two-part version

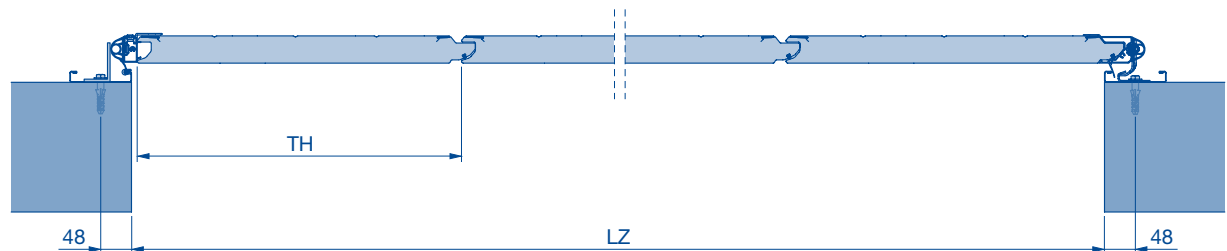
HST Side Sliding Sectional Door

Details

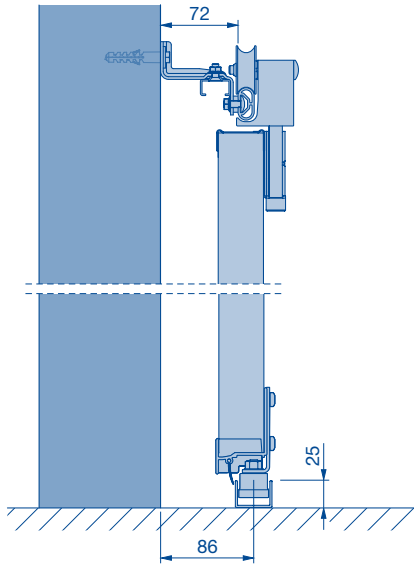
Door in intermediate width



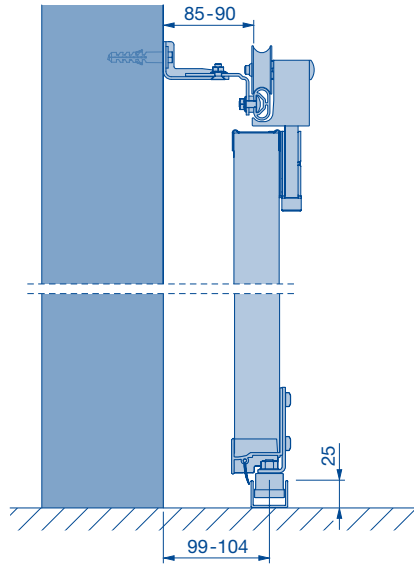
Door in grid width (standard sizes)



Side wall, DS track application
Top edge

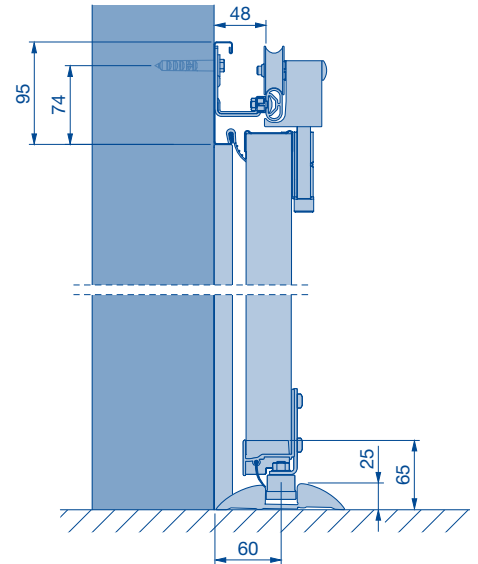


Side wall, ES track application
Top edge



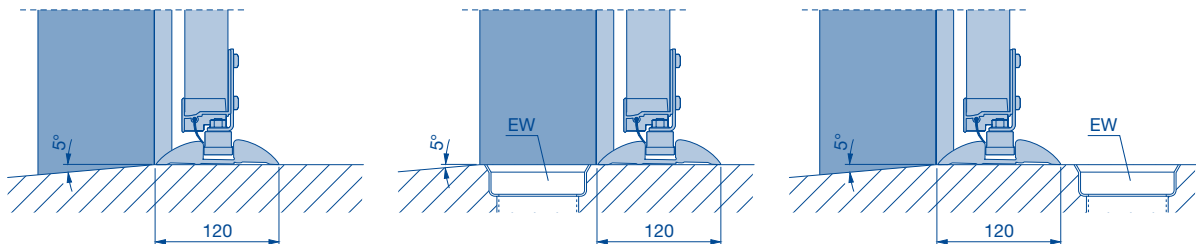
Front wall

Top edge



Bottom edge

Bottom edges with drainage (EW)



Hörmann: Quality without Compromise



Hörmann KG Amshausen, Germany



Hörmann KG Antriebstechnik, Germany



Hörmann KG Brandis, Germany



Hörmann KG Brockhagen, Germany



Hörmann KG Dissen, Germany



Hörmann KG Eckelhausen, Germany



Hörmann KG Freisen, Germany



Hörmann KG Ichtshausen, Germany



Hörmann KG Werne, Germany



Hörmann Genk NV, Belgium



Hörmann Alkmaar B.V., Netherlands



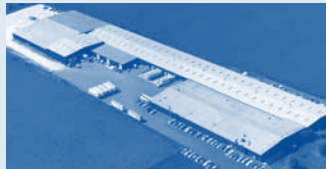
Hörmann Legnica Sp. z o.o., Poland



Hörmann Beijing, China



Hörmann Tianjin, China



Hörmann LLC, Montgomery IL, USA



Hörmann Flexon LLC, Burgettstown PA, USA

Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source. We manufacture in highly-specialised factories using the latest production technologies. The close-meshed network of sales and service companies throughout Europe, and activities in the USA and China, make Hörmann your strong partner for first-class building products, offering “Quality without Compromise”.

GARAGE DOORS
OPERATORS
INDUSTRIAL DOORS
LOADING EQUIPMENT
HINGED DOORS
DOOR FRAMES

