



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	
• M-ribbed Woodgrain, Sandgrain, Silkgrain or Decograin	• 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
• L-ribbed Woodgrain, Sandgrain, Silkgrain or Decograin	• 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
• S-panelled Woodgrain or Decograin	• 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

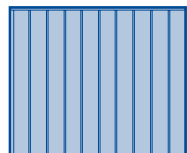
(The illustrations correspond to size 2500 × 2125 mm. Deviations may occur with other sizes.)

 Size range in which an operator ProMatic can be used.

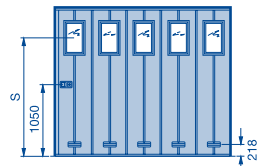
 Size range in which an operator SupraMatic is required.

Standard sizes

Basic model



With glazing S0, S1, S2



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

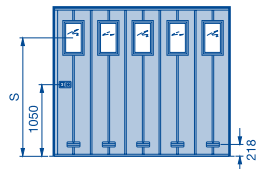
Grid height																					S									
	3000																				2658									
2875																					2487									
2750																					2382									
2625																					2281									
2500																					2156									
2375																					1995									
2250																					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	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																													

Sandgrain, Silkgrain or Decograin

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

Size range in which an operator SupraMatic is required.

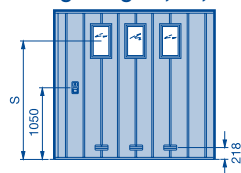
With glazing S0, S1, S2



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Special sizes

With glazing S0, S1, S2



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

5

HST Side Sliding Sectional Door

L-ribbed

Woodgrain

External views

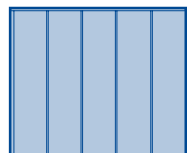
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Size range in which an operator ProMatic can be used.

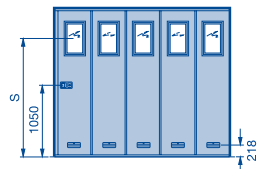
Size range in which an operator SupraMatic is required.

Standard sizes

Basic model



With glazing S0, S1, S2

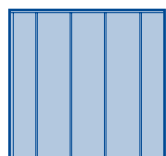


Intermediate heights in 5 mm grid, intermediate widths are not possible.

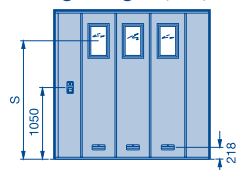
Grid height	3000																										S			
	2875																										2658			
	2750																										2487			
	2625																										2382			
	2500																										2281			
	2375																										2156			
	2250																										1995			
	2205																										1845			
	2125																										1821			
	2080																										1731			
2000																										1708				
1875																										1668				
																										—				
	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	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



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2000																									1708			
1875																									1668			
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	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

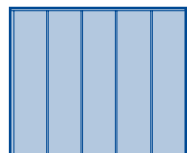
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 Size range in which an operator ProMatic can be used.

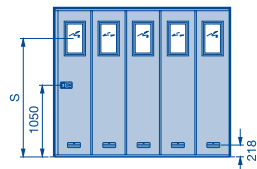
 Size range in which an operator SupraMatic is required.

Standard sizes

Basic model



With glazing S0, S1, S2

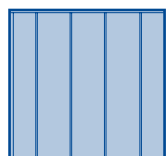


Intermediate heights in 5 mm grid, intermediate widths are not possible.

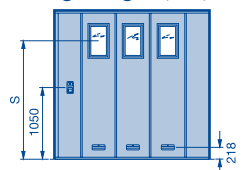
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3000																										2658	
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																										Number of door sections, glazing type S, ventilation grille	
	4				5				6			7		8			9		10			11		12			13
	500	520	531	550	562	475	500	525	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	3000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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HST Side Sliding Sectional Door

S-panelled

Woodgrain

External views

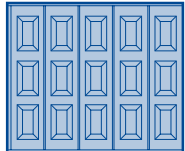
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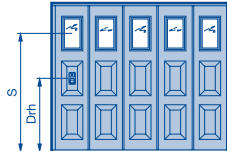
 Size range in which an operator SupraMatic is required.

Standard sizes

Basic model



With glazing S0, S1, S2



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

																												K	S	DRH					
Grid height	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							
		Grid width																																	

HST Side Sliding Sectional Door

S-panelled

Decograin

External views

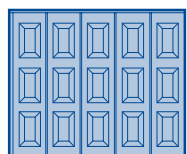
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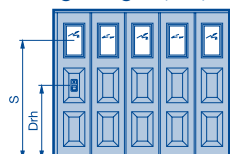
 Size range in which an operator SupraMatic is required.

Standard sizes

Basic model



With glazing S0, S1, S2



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

																										K	S	DRH	
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	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		
	Grid width																												

HST Side Sliding Sectional Door

ES track application, standard sizes

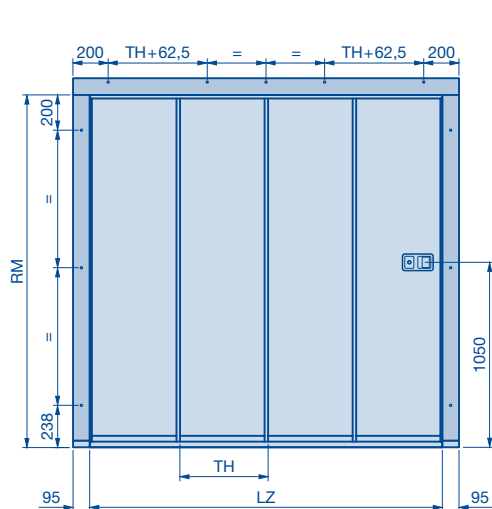
Operator fitting to wall

Manual operation

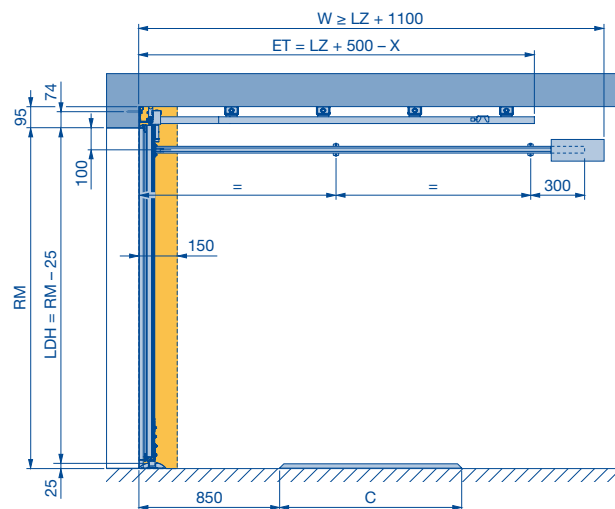
(The illustrations correspond to size 2250 × 2125 mm. Deviations may occur with other sizes.)

Note:

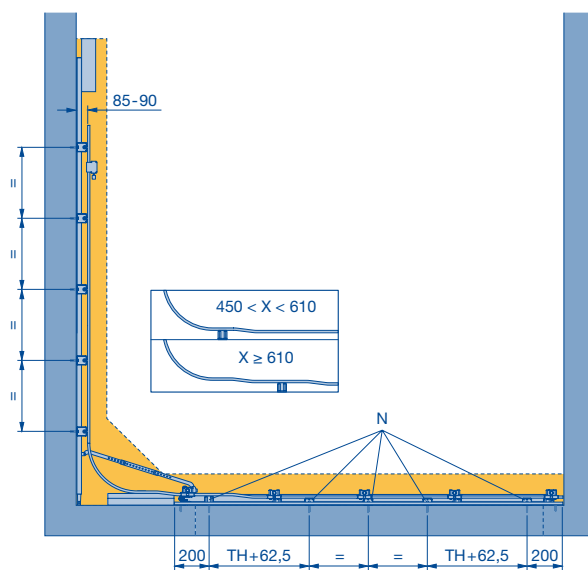
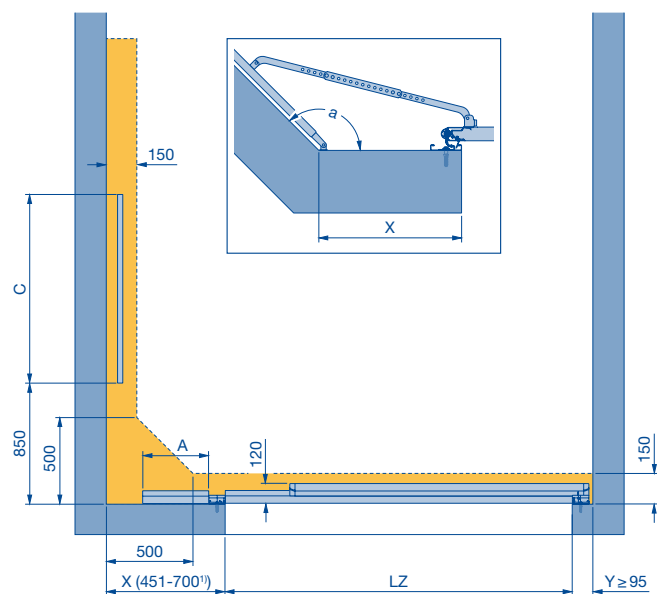
The clearance for fitting and subsequent operation of the door must be complied with.



Floor rail view



Track view



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

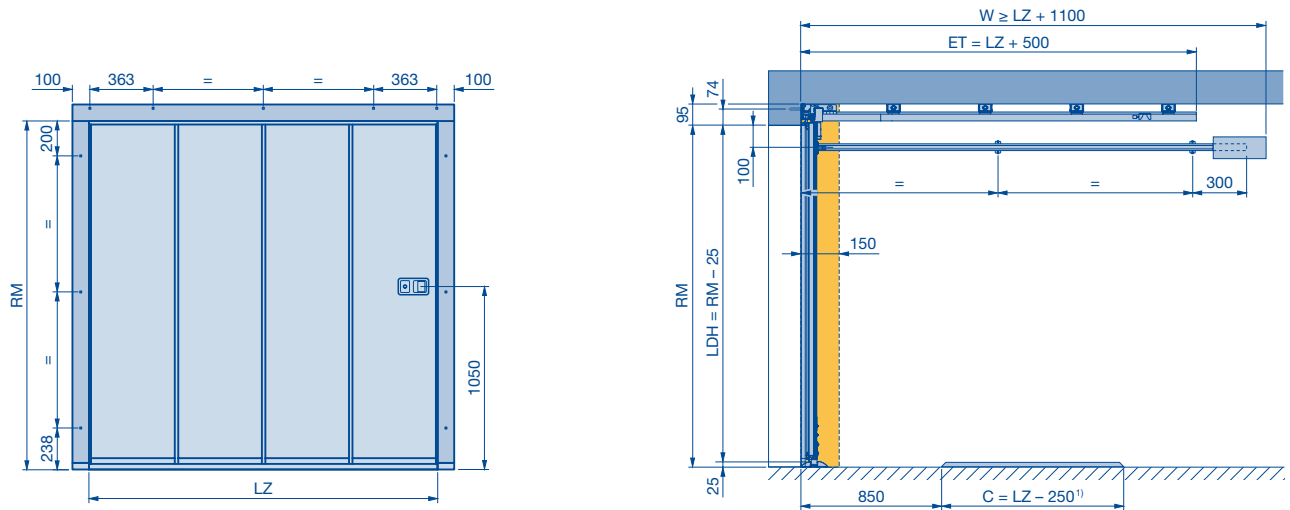
Operator wall fitting, small sideroom X

Manual operation

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

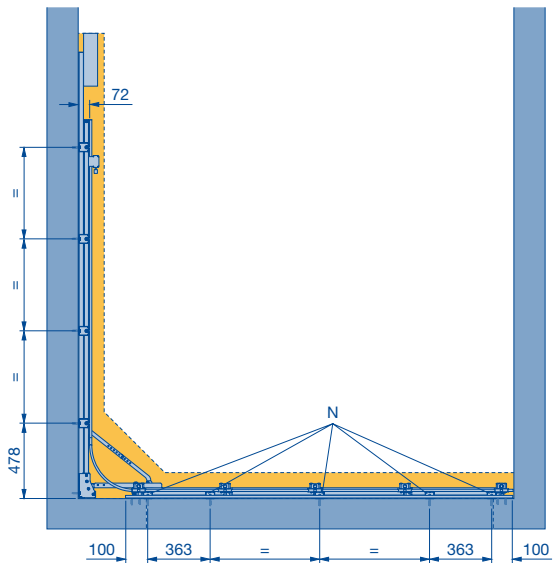
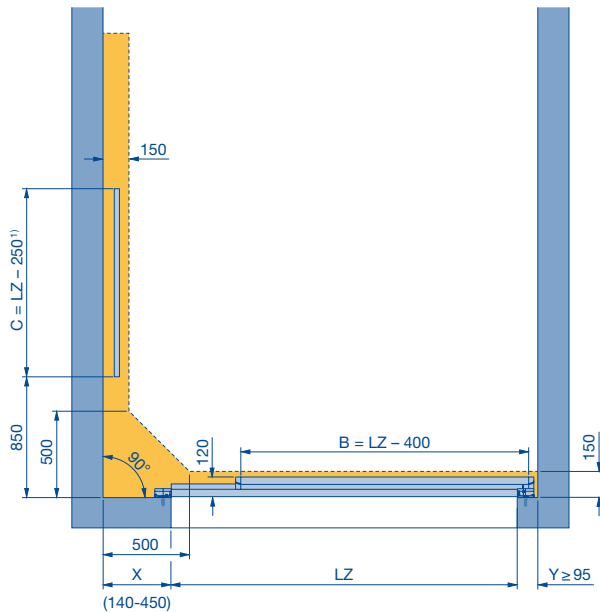
Note:

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

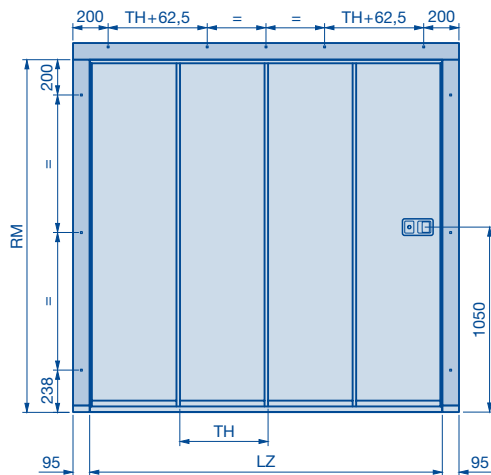
ES track application, standard sizes

Operator ceiling fitting A

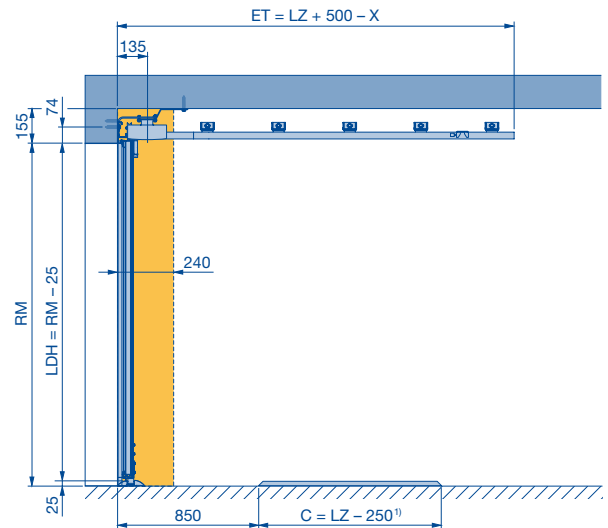
(The illustrations correspond to size 2250 × 2125 mm. Deviations may occur with other sizes.)

Note:

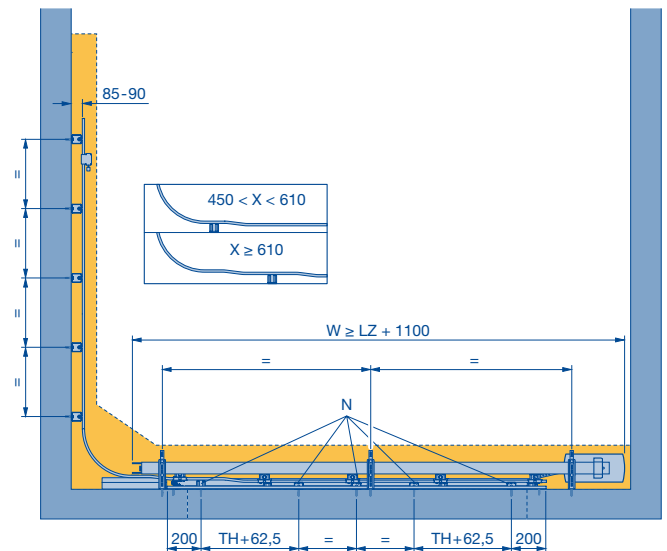
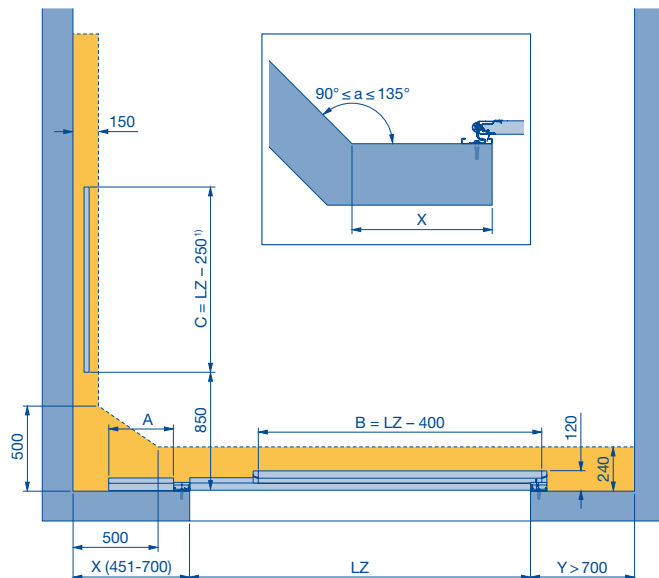
The clearance for fitting and subsequent operation of the door must be complied with.



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

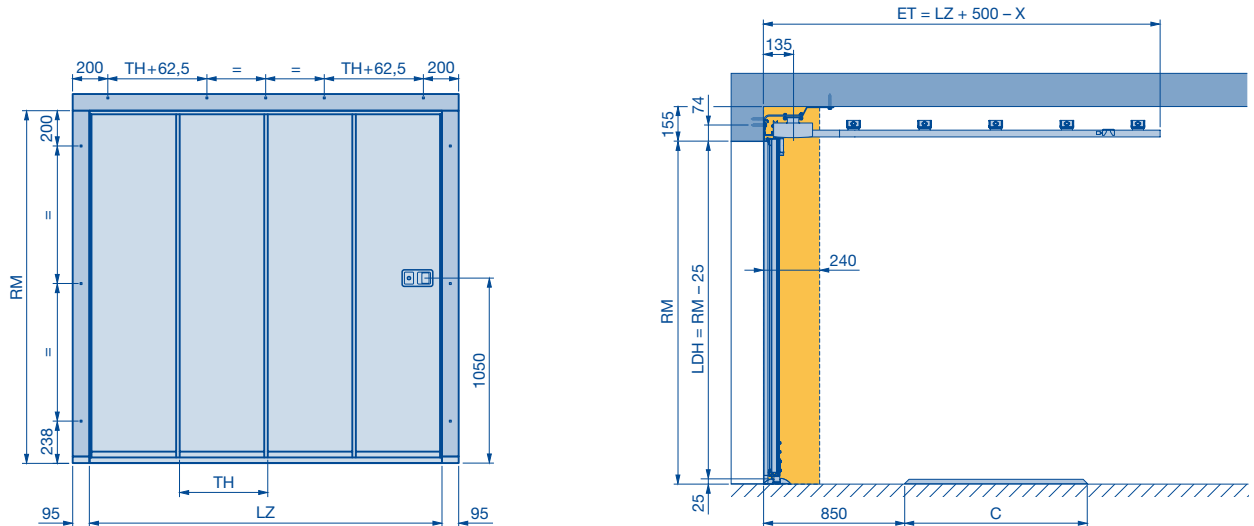
ES track application, standard sizes

Operator ceiling fitting B

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

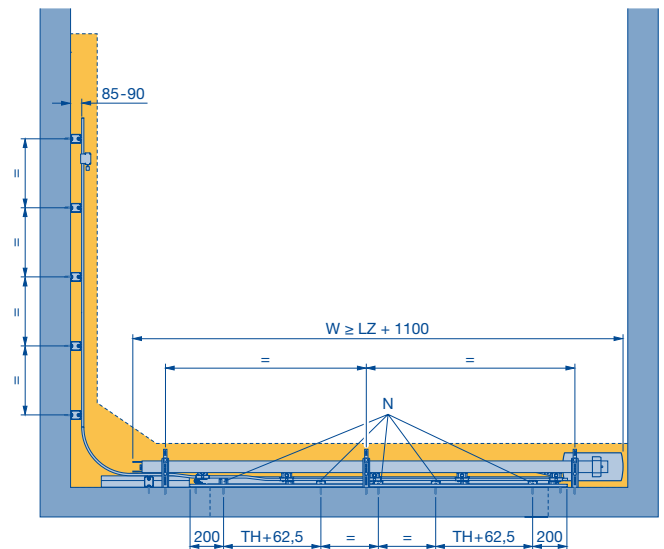
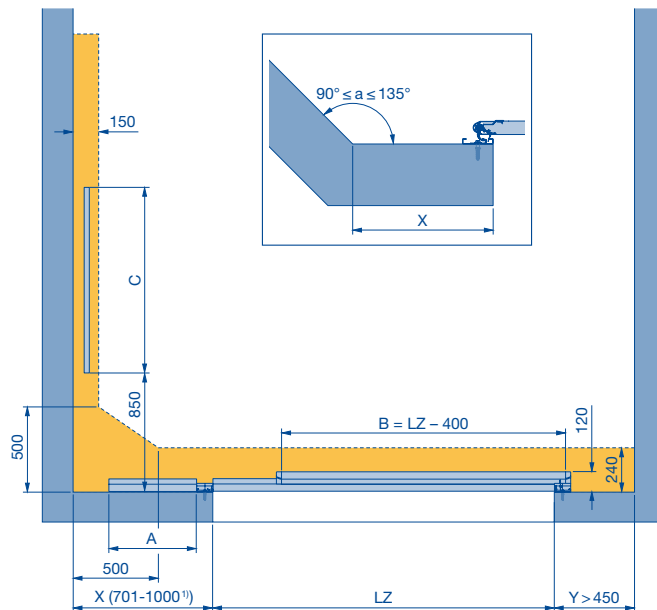
Note:

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		
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

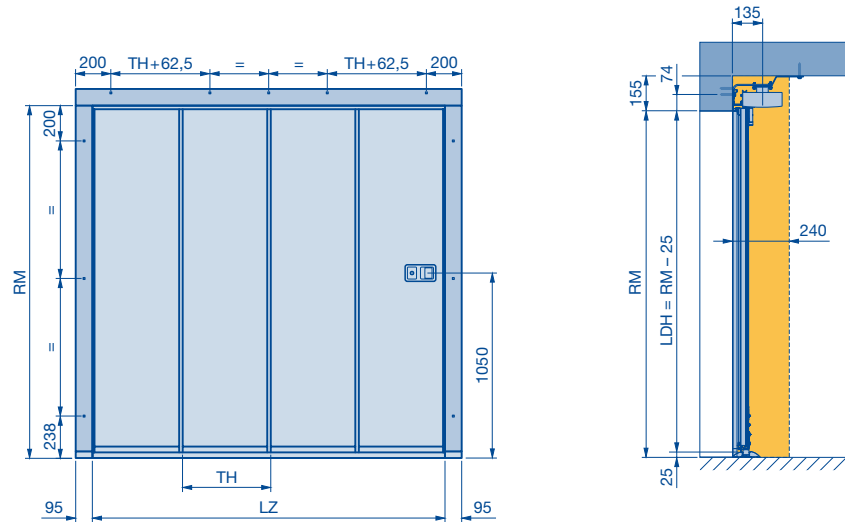
ES track application, standard sizes

Operator ceiling fitting B sliding door

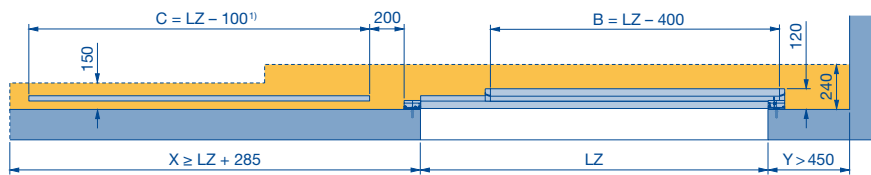
(The illustrations correspond to size 2250 × 2125 mm. Deviations may occur with other sizes.)

Note:

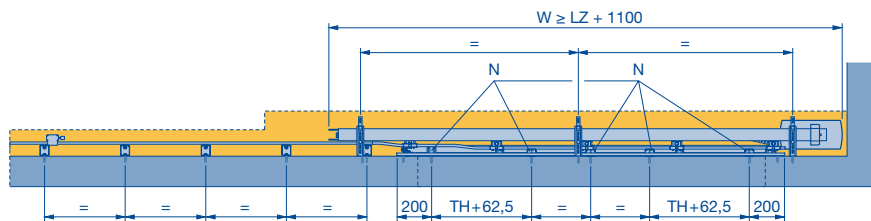
The clearance for fitting and subsequent operation of the door must be complied with.



Floor rail view



Track view

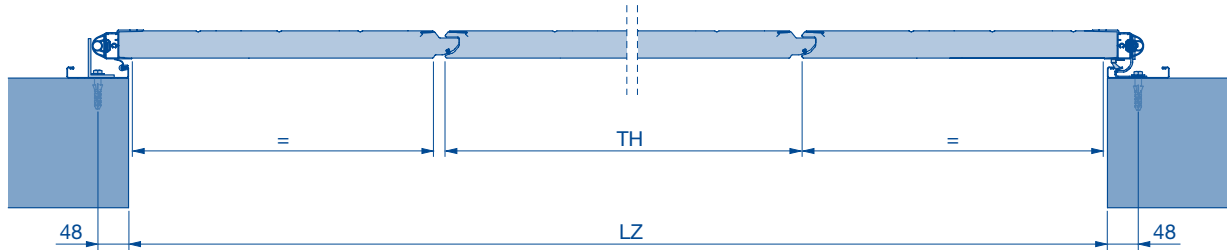


1) LZ > 5000 two-part version

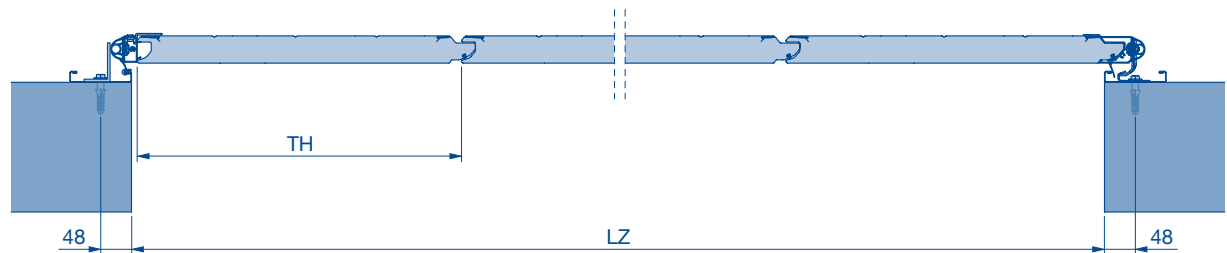
HST Side Sliding Sectional Door

Details

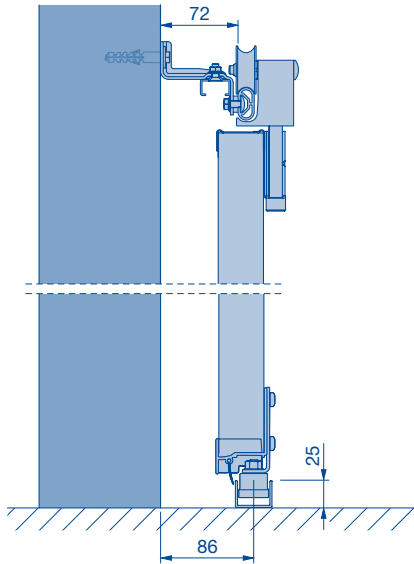
Door in intermediate width



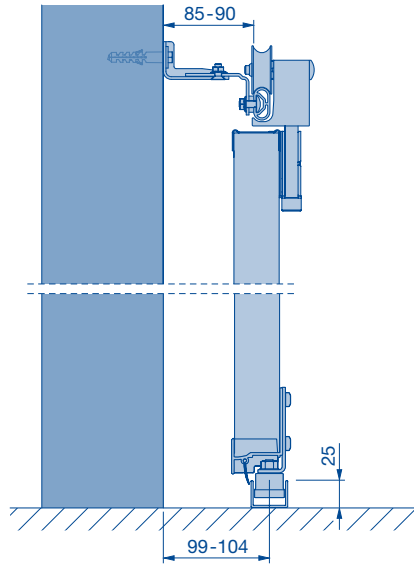
Door in grid width (standard sizes)



Side wall,
DS track application
Top edge

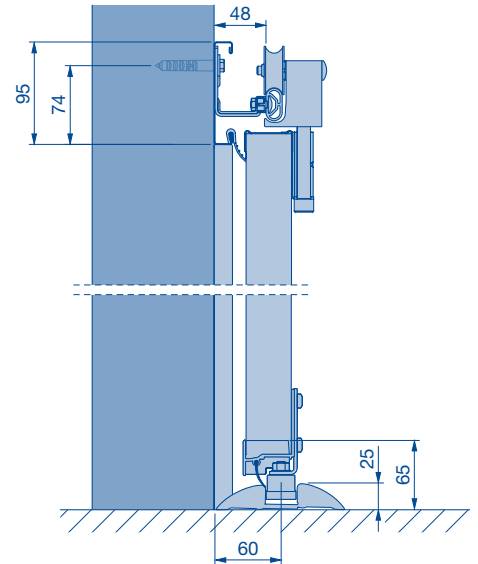


Side wall,
ES track application
Top edge



Front wall

Top edge



Bottom edge

Bottom edges with drainage (EW)

