

Sectional Garage Doors

Technical Manual: Issue 01.06.2009



Contents

Contents	Page
Door type/door leaf	3-4
Door type/door leaf	4
LTE 40, S-ribbed, Woodgrain	5
LTE 40, M-ribbed, Woodgrain	6
LTE 40, S-panelled, Woodgrain	7
LTE 40, M-panelled, Woodgrain	8
EPU 40, M-ribbed, Woodgrain	9
EPU 40, S-panelled, Woodgrain	10
LPU 40, S-ribbed, Woodgrain	11
LPU 40, M-ribbed, Woodgrain	12
LPU 40, M-ribbed, Silkgrain	13
LPU 40, M-ribbed, Decograin	14
LPU 40, L-ribbed, Woodgrain	15
LPU 40, L-ribbed, Silkgrain	16
LPU 40, L-ribbed, Micrograin	17
LPU 40, L-ribbed, Decograin	18
LPU 40, M-panelled, Woodgrain	19
LPU 40, L-panelled, Woodgrain	20
LPU 40, S-panelled, Decograin	21
LPU 40, C-panelled, Woodgrain	22
Sunrise glazing LTE 40/EPU 40/LPU 40	23
LPU 40 with special designs	24
LPU 40 with wicket door, S, M, L-ribbed, Woodgrain, Micrograin or Decograin	25
LPU 40 with wicket door, S, M, L-ribbed, matching exterior view for doors with glazing	26
LPU 40 with wicket door, M-panelled, Woodgrain	27
LPU 40 XXL, S, M, L-ribbed, Woodgrain, Micrograin, Silkgrain or Decograin	28
LTH 40, S-ribbed, V-panelled	29
LTH 40 with special designs	30
LPU 40, S-ribbed, Woodgrain, fitting in front of the reveal	31
LPU 40, M-ribbed, Woodgrain, fitting in front of the reveal	32
LPU 40, M-ribbed, Silkgrain, fitting in front of the reveal	33
LPU 40, L-ribbed, Woodgrain, fitting in front of the reveal	34
LPU 40, L-ribbed, Silkgrain, fitting in front of the reveal	35
LPU 40, L-ribbed, Micrograin, fitting in front of the reveal	36
LPU 40, M-panelled, Woodgrain, fitting in front of the reveal	37
Track applications Z and N	38
Track applications L and H	39
Track application N with wicket door	40
Track application L with wicket door	41
Track application ND	42
Track applications N, L for LPU 40 XXL in industrial door sizes	43
Track application Z, fitting in front of the reveal	44
Sideroom	45
Sideroom, fitting in front of the reveal	46
Lintel fitting with fascia panels	47
Bottom edge	48
Side doors with corner frames made of aluminium profiles, standard sizes	49–50
Side doors with block frames made of aluminium profiles, standard sizes	51–52
Side doors with block frames made of aluminium profiles, special sizes	53–54
Side doors made of timber, standard sizes/special sizes	55
Garage door operators ProMatic, SupraMatic E, P, H and HD	56–58

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 are stated in mm.
Subject to design changes.

Door type	Door leaf
Sectional door LTE 40 – Single-skinned steel sections	
<ul style="list-style-type: none"> • S-ribbed, Woodgrain • M-ribbed, Woodgrain 	<ul style="list-style-type: none"> • Single-skinned door sections, Woodgrain-embossed • Equal-height door sections, horizontally ribbed, in hot galvanized sheet steel • Surface with polyester primer coating • Glazings not possible in the two bottom door sections
<ul style="list-style-type: none"> • S-panelled, Woodgrain • M-panelled, Woodgrain 	<ul style="list-style-type: none"> • Single-skinned door sections, Woodgrain-embossed • Hot galvanized sheet steel door sections of equal height with panelling • Surface with polyester primer coating • Glazings not possible in the two bottom door sections
Sectional Door EPU 40 – Double-skinned steel sections	
<ul style="list-style-type: none"> • M-ribbed, Woodgrain 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, 42/20 mm, Woodgrain-embossed exterior, Stucco-textured interior • Equal-height door sections, horizontally ribbed, in hot galvanized sheet steel • Surface with polyester primer coating • Glazings not possible in the two bottom door sections
<ul style="list-style-type: none"> • S-panelled, Woodgrain 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, 42/20 mm, Woodgrain-embossed exterior, Stucco-textured interior • Hot galvanized sheet steel door sections of equal height with panelling • Surface with polyester primer coating • Glazings not possible in the two bottom door sections
Sectional door LPU 40 – Double skinned steel sections	
<ul style="list-style-type: none"> • S-ribbed, Woodgrain • M-ribbed, Woodgrain, Silkgrain or Decograin • L-ribbed, Woodgrain, Silkgrain, Micrograin or Decograin 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, Woodgrain, Silkgrain, Micrograin, or Decograin exterior, Stucco-textured interior • Hot galvanized sheet steel door sections of equal height with horizontal ribbing or without ribbing • Surface with polyester primer coating (external synthetic foil coating with Decograin) • Glazings not possible in the two bottom door sections
<ul style="list-style-type: none"> • S-panelled Decograin, • M-panelled, Woodgrain • L-panelled, Woodgrain • C-panelled, Woodgrain 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, Woodgrain or Decograin-embossed exterior, Stucco-textured interior • Hot galvanized sheet steel door sections of equal height with panelling • Surface with polyester primer coating (external synthetic foil coating with Decograin) • Glazings not possible in the two bottom door sections
Fitting in front of the reveal <ul style="list-style-type: none"> • S-ribbed, Woodgrain • M-ribbed, Woodgrain or Silkgrain • L-ribbed, Woodgrain, Silkgrain or Micrograin 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, Woodgrain, Silkgrain, or Micrograin exterior, Stucco-textured interior • Hot galvanized sheet steel door sections of equal height with horizontal ribbing or without ribbing • Surface with polyester primer coating • Glazings not possible in the two bottom door sections
Fitting in front of the reveal <ul style="list-style-type: none"> • M-panelled, Woodgrain 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, Woodgrain-embossed exterior, Stucco-textured interior • Hot galvanized sheet steel door sections of equal height with panelling • Surface with polyester primer coating • Glazings not possible in the two bottom door sections
Sectional door LPU 40 with wicket door – Double-skinned steel sections	
<ul style="list-style-type: none"> • S-ribbed, Woodgrain • M-ribbed, Woodgrain or Decograin • L-ribbed, Woodgrain, Micrograin or Decograin 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, Woodgrain, Micrograin or Decograin exterior, Stucco-textured interior • Hot galvanized sheet steel door sections of equal height with horizontal ribbing or without ribbing • Surface with polyester primer coating (external synthetic foil coating with Decograin) • Glazings not possible in the two bottom door sections • Without door handle set, without inside locking, without single-skinned steel fascia, upper door section with lintel seal • We recommend fitting a garage door operator SupraMatic P

Further details can be obtained in the prospect.

Door type	Door leaf
<ul style="list-style-type: none"> • M-panelled, Woodgrain 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, Woodgrain-embossed exterior, Stucco-textured interior • Equal height door sections with panelling in hot galvanized sheet steel • Surface with polyester primer coating • Glazings not possible in the two bottom door sections • Without door handle set, without inside locking, without single-skinned steel fascia, upper door section with lintel seal • We recommend fitting a garage door operator SupraMatic P

Sectional door LPU 40 XXL – Double skinned steel sections

<ul style="list-style-type: none"> • S-ribbed, Woodgrain • M-ribbed, Woodgrain, Silkgrain or Decograin • L-ribbed, Woodgrain, Silkgrain, Micrograin or Decograin 	<ul style="list-style-type: none"> • Double-skinned, PU-foamed door sections, Woodgrain, Silkgrain, Micrograin, or Decograin exterior, Stucco-textured interior • Equal-height door sections, horizontally ribbed, in hot galvanized sheet steel • Surface with polyester primer coating • Glazings not possible in the two bottom door sections
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Sectional door LTH 40

<ul style="list-style-type: none"> • S-ribbed, Nordic Pine/Hemlock • V-panelled, Nordic Pine/Hemlock 	<ul style="list-style-type: none"> • Solid timber door sections, S-ribbed or V-panelled • Door sections of equal height • Pine-impregnated surface protects against blue stain and wood pests • Glazings not possible in the two bottom door sections
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Sectional door LTH 40 with special designs

Nordic Pine/Hemlock	<ul style="list-style-type: none"> • Solid timber sections with different door styles • Door sections of equal height • Pine-impregnated surface protects against blue stain and wood pests • Designs 403 and 404 with natural stone infill on request
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Further details can be obtained in the prospect.

Door type	Door leaf
Side doors with corner frame made of aluminium profiles	
Standard sizes	<ul style="list-style-type: none"> • Appearance as LTE 40/EPU 40/LPU 40, leaf frame of anodised aluminium extrusion profiles, depth 60 mm • PU-foamed steel-section door infill; Woodgrain, Decograin or Silkgrain exterior, Stucco-textured interior • Surface with polyester primer coating (external synthetic foil coating with Decograin) • Section, ribbing or panel alignment only with doors of equal height
Side doors with block frame made of aluminium profiles	
Standard sizes/special sizes	<ul style="list-style-type: none"> • Appearance same as LTE 40/EPU 40/LPU 40, leaf frame and frame consisting of anodised aluminium extrusions (without thermal breaks), depth 60 mm, double buffer sealing on 3 sides • As standard, plug holes are pre-drilled in the frame according to the fitting arrangement (see rear side of the order form) • PU-foamed steel-section door infill, Woodgrain, Decograin or Silkgrain exterior, Stucco-textured interior • Surface with polyester primer coating (external synthetic foil coating with Decograin) • Section, ribbing or panel alignment only with doors of equal height
Timber side doors	
Standard sizes/special sizes	<ul style="list-style-type: none"> • Appearance matches LTH 40 • Solid timber door leaf and frame, Nordic Pine or Hemlock; door leaf depth 42 mm, buffer sealing on 3 sides • Double seal in threshold area • Pine-impregnated surface protects against blue stain and wood pests

Further details can be obtained in the brochures.

Sectional Door LTE 40

Single-skinned steel sections

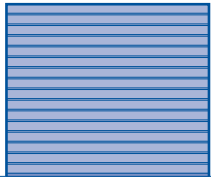
S-ribbed

Woodgrain

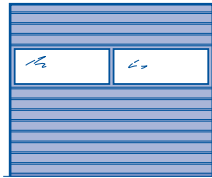
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

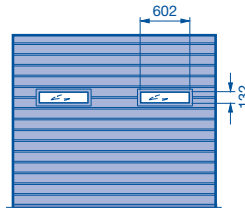
Basic model



With aluminium frame



With glazing type D



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are not possible.

		A	B	C										
RM	3000	6	500	125										
	2875	6	479	120										
	2750	5	550	138										
	2625	5	525	131										
	2500	5	500	125										
	2375	5	475	119										
	2250	4	562	141										
	2205	4	550	138										
	2125	4	531	133										
	2080	4	520	130										
	2000	4	500	125										
	1955	4	488	122										
	1875	4	468	117										
		Number of infills per door section with glazing												
		2	3	4	5									
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
		LZ												

- Doors up to 3000 x 2625 mm, with tension spring assembly
- A** No. of door sections
- B** Door section height
- C** Spacing
- RM** Grid height
- LZ** Clear frame dimensions (from 2000)

Optional extras

Ventilation

- Ventilation slots in bottom door section, ventilation cross section 65 cm² for one metre door width
- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 3 mm

Sectional Door LTE 40

Single-skinned steel sections

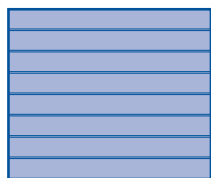
M-ribbed

Woodgrain

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

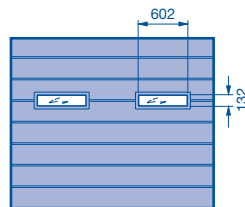
Basic model



With aluminium frame



With glazing type D



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are not possible.

													A	B	C					
RM	3000														6	500	250			
	2875														6	479	239			
	2750														5	550	275			
	2625														5	525	262			
	2500														5	500	250			
	2375														5	475	237			
	2250														4	562	281			
	2205														4	550	275			
	2125														4	531	265			
	2080														4	520	260			
	2000														4	500	250			
	1955														4	488	244			
	1875														4	468	234			
		2		3														Number of infills per door section with glazing		
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000						
		LZ																		

 Doors up to 3000 x 2625 mm, with tension spring assembly

A No. of door sections

B Door section height

C Spacing

RM Grid height

LZ Clear frame dimensions (from 2000)

Optional extras

Ventilation

- Ventilation slots in bottom door section, ventilation cross section 65 cm² for one metre door width
- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 3 mm

Sectional Door LTE 40

Single-skinned steel sections

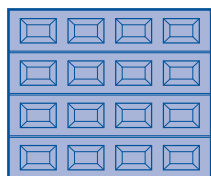
S-panelled

Woodgrain

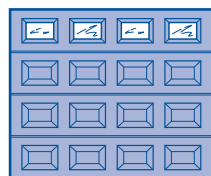
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

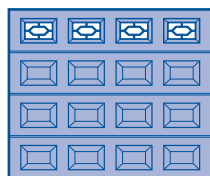
Basic model



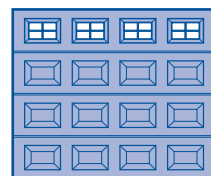
Design S0



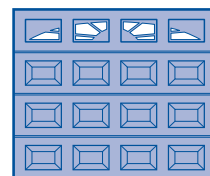
Design S1 with decorative rail (rhombus)



Design S2 with decorative rail (cross)



Design S10



Size range

Door width in 10 mm increments, door height only in one of the grid heights shown. Intermediate heights are not possible.

		Number of panels per door section														
		3 → 2070				4 → 2740				5				A	B	
RM	3000													6	500	
	2875													6	479	
	2750													5	550	
	2625													5	525	
	2500													5	500	
	2375													5	475	
	2250													4	562	
	2205													4	550	
	2125													4	531	
	2080													4	520	
	2000													4	500	
	1955													4	488	
	1875													4	468	
			LZ													
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000		

Doors up to 3000 x 2625 mm, with tension spring assembly

RM Grid height
LZ Clear frame dimensions (from 2000)
→ Up to width

A No. of door sections
B Door section height

Optional extras

Ventilation

- Ventilation slots in bottom door section, ventilation cross section 65 cm² for one metre door width
- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width

Glazing options – Panel glazing

- Clear or crystal structure panes, 3 mm
- Designs S0, S1, S2
 - Designs S10 and S20 (see page 23)

Sectional Door LTE 40

Single-skinned steel sections

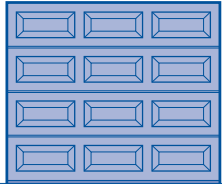
M-panelled

Woodgrain

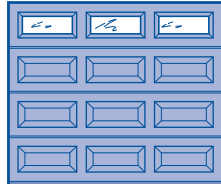
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

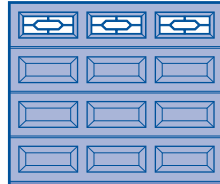
Basic model



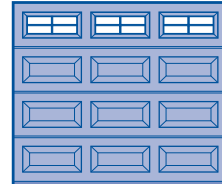
Design M0



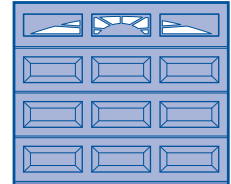
Design M1 with decorative rail (rhombus)



Design M2 with decorative rail (cross)

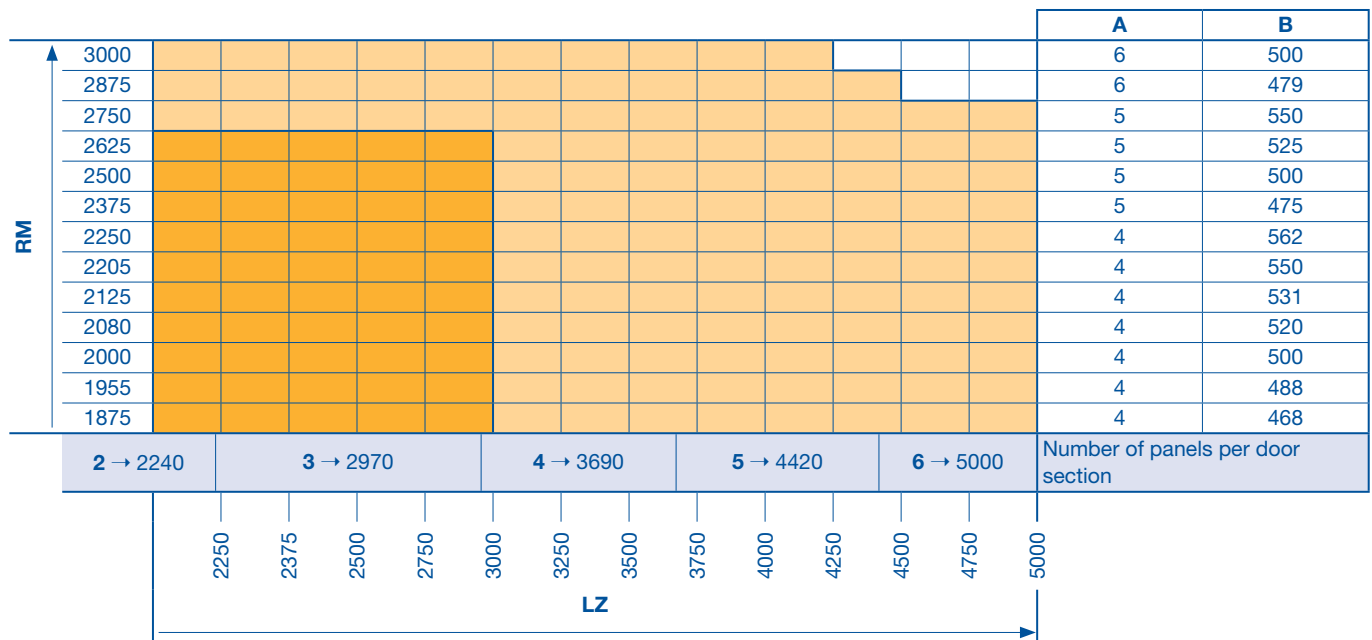


Design M10



Size range

Door width in 10 mm increments, door height only in one of the grid heights shown. Intermediate heights are not possible.



Doors up to 3000 x 2625 mm, with tension spring assembly

RM Grid height

LZ Clear frame dimensions (from 2000)

A No. of door sections

→ Up to width

B Door section height

Optional extras

Ventilation

- Ventilation slots in bottom door section, ventilation cross section 65 cm² for one metre door width
- Ventilation slots in bottom seal, ventilation cross section 65 cm² for one metre door width

Glazing options – Panel glazing

Clear or crystal structure panes, 3 mm

- Designs M0, M1, M2
- Designs M10, M20, M30, M40, M50 (see page 23)

Sectional Door EPU 40

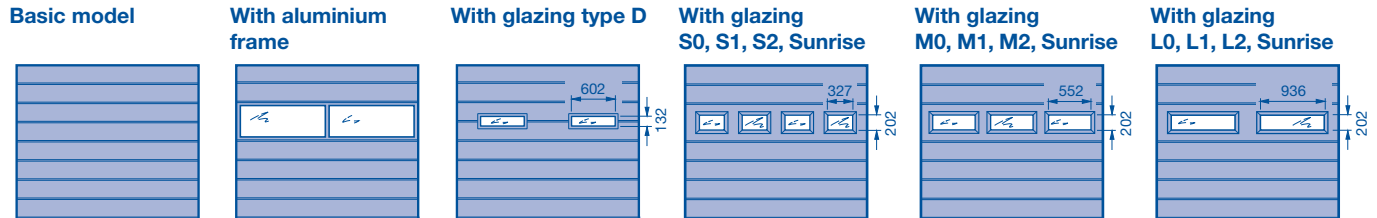
Double-skinned steel sections

M-ribbed

Woodgrain

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights on request.

												A	B	C	
RM	3000												6	500	250
	2875												6	479	239
	2750												5	550	275
	2625												5	525	262
	2500												5	500	250
	2375												5	475	237
	2250												4	562	281
	2205												4	550	275
	2125												4	531	265
	2080												4	520	260
	2000												4	500	250
	1955												4	488	244
	1875												4	468	234
		4		6		8		10		No. of ventilation grilles with 40 cm ² ventilation cross section each					
		2		3		4		5		Number of glazings – Aluminium frame and type D					
3 → 2125		4	5		6	7	8		Number of glazings – Type S						
2 → 2240		3 → 2970		4 → 3690		5 → 4420		6		Number of glazings – Type M					
		2 → 3400			3 → 4490			4		Number of glazings – Type L					
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	
		LZ													

- Doors up to 3000 x 2625 mm, with tension spring assembly
- A** No. of door sections
- B** Door section height
- C** Spacing
- RM** Grid height
- LZ** Clear frame dimensions (from 2000)
- Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Ventilation grille, ventilation cross section 40 cm² each
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door EPU 40

Double-skinned steel sections

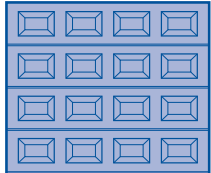
S-panelled

Woodgrain

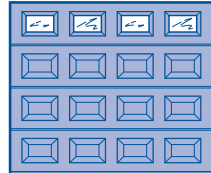
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

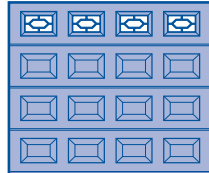
Basic model



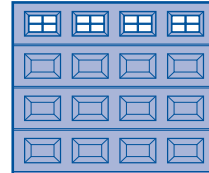
Design S0



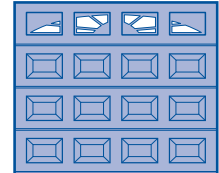
Design S1 with decorative rail (rhombus)



Design S2 with decorative rail (cross)



Design S10



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are not possible.

		A	B
RM	3000	6	500
	2875	6	479
	2750	5	550
	2625	5	525
	2500	5	500
	2375	5	475
	2250	4	562
	2205	4	550
	2125	4	531
	2080	4	520
	2000	4	500
	1955	4	488
	1875	4	468
3 → 2125 4 5 6 7 8 Number of panels per door section			
2250 2375 2500 2750 3000 3250 3500 3750 4000 4250 4500 4750 5000			
LZ			

Doors up to 3000 x 2625 mm, with tension spring assembly

RM Grid height

LZ Clear frame dimensions (from 2000)

A No. of door sections

→ Up to width

B Door section height

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width

Glazing options – Panel glazing

Clear or crystal structure double panes, 16 mm

- Designs S0, S1, S2
- Designs S10, S20, S30, S40, S50, S60 (see page 23)

Sectional Door LPU 40

Double-skinned steel sections

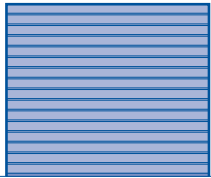
S-ribbed

Woodgrain

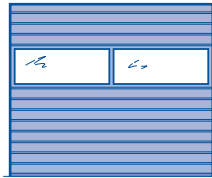
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

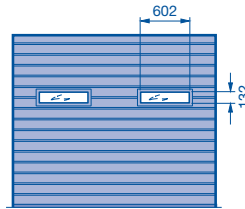
Basic model



With aluminium frame



With glazing type D



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

RM											A	B	C		
	3000											6	500	125	
2875											6	479	120		
2750											5	550	138		
2625											5	525	131		
2500											5	500	125		
2375											5	475	119		
2250											4	562	141		
2205											4	550	138		
2125											4	531	133		
2080											4	520	130		
2000											4	500	125		
1955											4	488	122		
1875											4	468	117		
	4				6		8			10		No. of ventilation grilles with 40 cm ² ventilation cross section each			
	2		3		4			5			Number of infills per door section with glazing				
	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500
	LZ														

Doors up to 3000 x 2625 mm, with tension spring assembly

C Spacing

RM Grid height

LZ Clear frame dimensions (from 2000)

A No. of door sections

B Door section height

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Ventilation grille, ventilation cross section 40 cm² each
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm

Sectional Door LPU 40

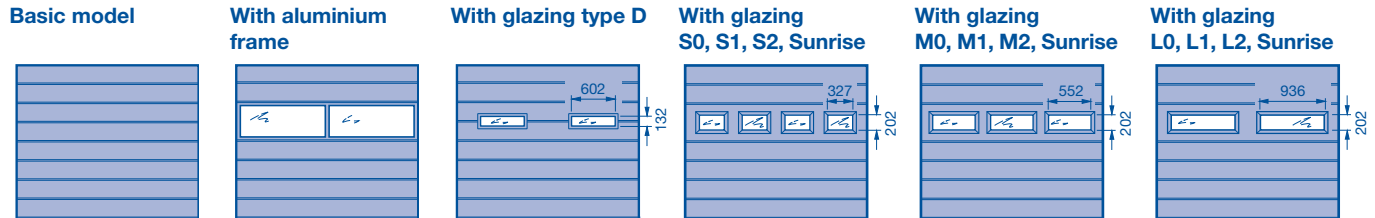
Double-skinned steel sections

M-ribbed

Woodgrain

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

RM											A	B	C		
	3000											6	500	250	
2875											6	479	239		
2750											5	550	275		
2625											5	525	262		
2500											5	500	250		
2375											5	475	237		
2250											4	562	281		
2205											4	550	275		
2125											4	531	265		
2080											4	520	260		
2000											4	500	250		
1955											4	488	244		
1875											4	468	234		
	4				6		8		10		No. of ventilation grilles with 40 cm ² ventilation cross section each				
	2		3		4		5		Number of glazings – Aluminium frame and type D						
	3 → 2125	4	5	6	7	8	Number of glazings – Type S								
	2 → 2240	3 → 2970	4 → 3690	5 → 4420	6 → 5140	7	Number of glazings – Type M								
	2 → 3400		3 → 4490		4		Number of glazings – Type L								
	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500
	LZ														

- Doors up to 3000 x 2625 mm, with tension spring assembly
- A** No. of door sections
- B** Door section height
- C** Spacing
- RM** Grid height
- LZ** Clear frame dimensions (from 2000)
- Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Ventilation grille, ventilation cross section 40 cm² each
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

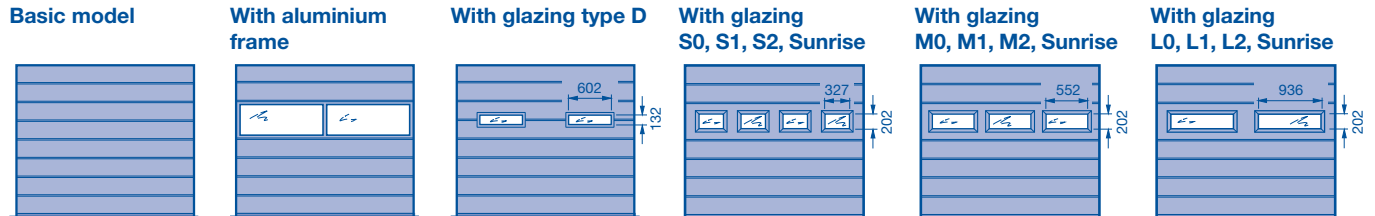
Double-skinned steel sections

M-ribbed

Decrain

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

													A	B	C		
RM	3000												6	500	250		
	2875																
	2750												5	550	275		
	2625																
	2500												5	500	250		
	2375												5	475	237		
	2250												4	562	281		
	2205												4	550	275		
	2125												4	531	265		
	2080												4	520	260		
	2000												4	500	250		
	1955												4	488	244		
1875												4	468	234			
					4		6		8			10		No. of ventilation grilles with 40 cm ² ventilation cross section each			
					2		3		4			5		Number of glazings – Aluminium frame and type D			
	3 → 2125	4		5		6		7		8		Number of glazings – Type S					
	2 → 2240	3 → 2970			4 → 3690			5 → 4420		6 → 5140		7		Number of glazings – Type M			
		2 → 3400				3 → 4490				4			Number of glazings – Type L				
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	
		LZ															

- Doors up to 3000 x 2625 mm, with tension spring assembly
- A** No. of door sections
- B** Door section height
- C** Spacing
- RM** Grid height
- LZ** Clear frame dimensions (from 2000)
- Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Ventilation grille, ventilation cross section 40 cm² each
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

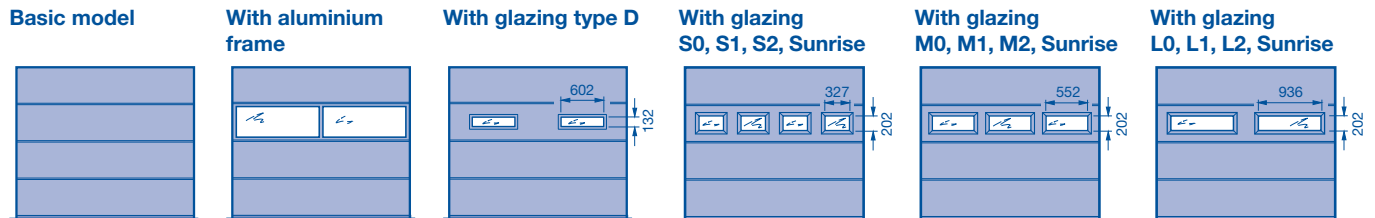
Double-skinned steel sections

L-ribbed

Woodgrain

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

RM												A	B					
	3000												6	500				
2875												6	479					
2750												5	550					
2625												5	525					
2500												5	500					
2375												5	475					
2250												4	562					
2205												4	550					
2125												4	531					
2080												4	520					
2000												4	500					
1955												4	488					
1875												4	468					
		2		3		4		5				Number of glazings – Aluminium frame and type D						
	3 → 2125	4		5		6		7		8		Number of glazings – Type S						
	2 → 2240	3 → 2970		4 → 3690		5 → 4420		6 → 5140		7		Number of glazings – Type M						
		2 → 3400		3 → 4490		4						Number of glazings – Type L						
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	LZ	

- Doors up to 3000 x 2625 mm, with tension spring assembly
- A** No. of door sections
- B** Door section height
- RM** Grid height
- LZ** Clear frame dimensions (from 2000)
- Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

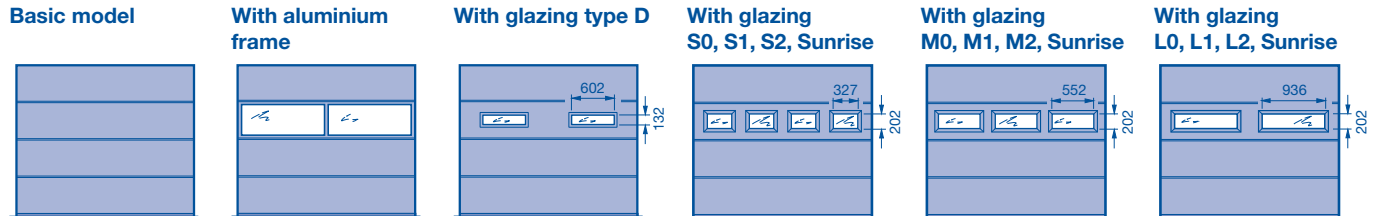
Double-skinned steel sections

L-ribbed

Silkgrain

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

RM											A	B					
	3000											6	500				
2875																	
2750											5	550					
2625																	
2500											5	500					
2375											5	475					
2250											4	562					
2205											4	550					
2125											4	531					
2080											4	520					
2000											4	500					
1955											4	488					
1875											4	468					
		2		3		4		5			Number of glazings – Aluminium frame and type D						
	3 → 2125	4		5		6		7		8	Number of glazings – Type S						
	2 → 2240	3 → 2970	4 → 3690	5 → 4420	6 → 5140	7					Number of glazings – Type M						
		2 → 3400	3 → 4490	4							Number of glazings – Type L						
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	
		LZ															

- Doors up to 3000 x 2625 mm, with tension spring assembly
- A** No. of door sections
- B** Door section height
- RM** Grid height
- LZ** Clear frame dimensions (from 2000)
- Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

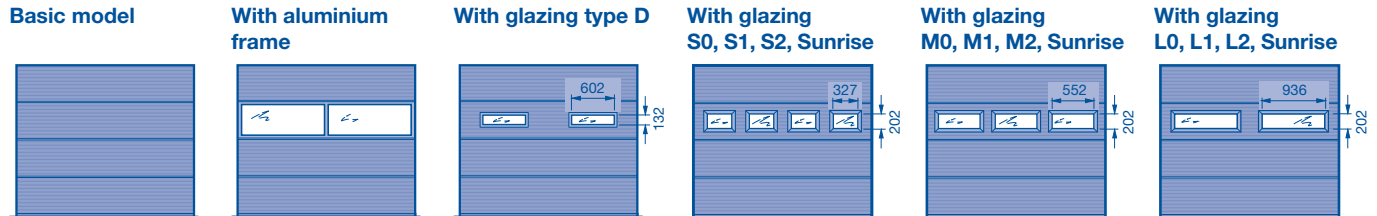
Double-skinned steel sections

L-ribbed

Micrograin

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

RM											A	B			
	3000											6	500		
2875															
2750											5	550			
2625															
2500											5	500			
2375											5	475			
2250											4	562			
2205											4	550			
2125											4	531			
2080											4	520			
2000											4	500			
1955											4	488			
1875											4	468			
	2		3			4		5			Number of glazings – Aluminium frame and type D				
	3 → 2125		4		5		6		7		8		Number of glazings – Type S		
	2 → 2240		3 → 2970			4 → 3690		5 → 4420		6 → 5140		7		Number of glazings – Type M	
	2 → 3400					3 → 4490			4				Number of glazings – Type L		
	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500
	LZ														

- Doors up to 3000 x 2625 mm, with tension spring assembly
- RM** Grid height
- LZ** Clear frame dimensions (from 2000)
- A** No. of door sections
- B** Door section height
- Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

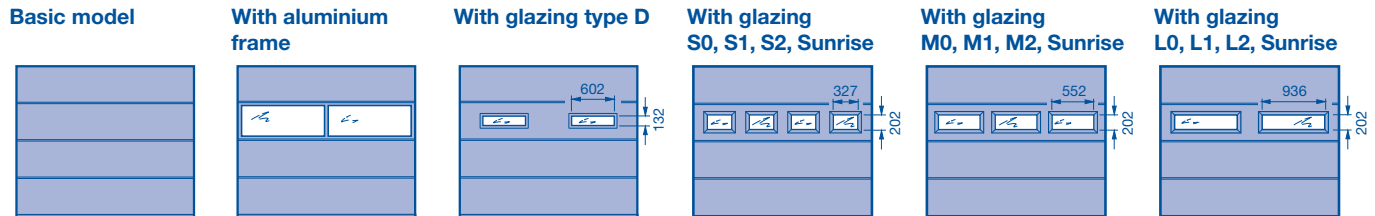
Double-skinned steel sections

L-ribbed

Decograin

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

RM											A	B			
	3000											6	500		
2875															
2750											5	550			
2625															
2500											5	500			
2375											5	475			
2250											4	562			
2205											4	550			
2125											4	531			
2080											4	520			
2000											4	500			
1955											4	488			
1875											4	468			
	2		3			4		5			Number of glazings – Aluminium frame and type D				
	3 → 2125		4		5		6		7		8		Number of glazings – Type S		
	2 → 2240		3 → 2970			4 → 3690		5 → 4420		6 → 5140		7		Number of glazings – Type M	
	2 → 3400				3 → 4490			4					Number of glazings – Type L		
	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500
	LZ														

- Doors up to 3000 x 2625 mm, with tension spring assembly
- A** No. of door sections
- B** Door section height
- RM** Grid height
- LZ** Clear frame dimensions (from 2000)
- Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

Double-skinned steel sections

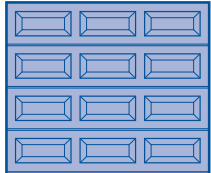
M-panelled

Woodgrain

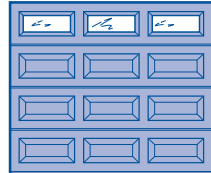
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

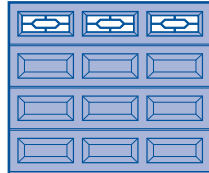
Basic model



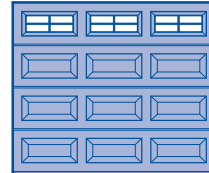
Design M0



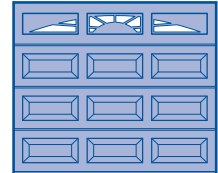
Design M1 with decorative rail (rhombus)



Design M2 with decorative rail (cross)

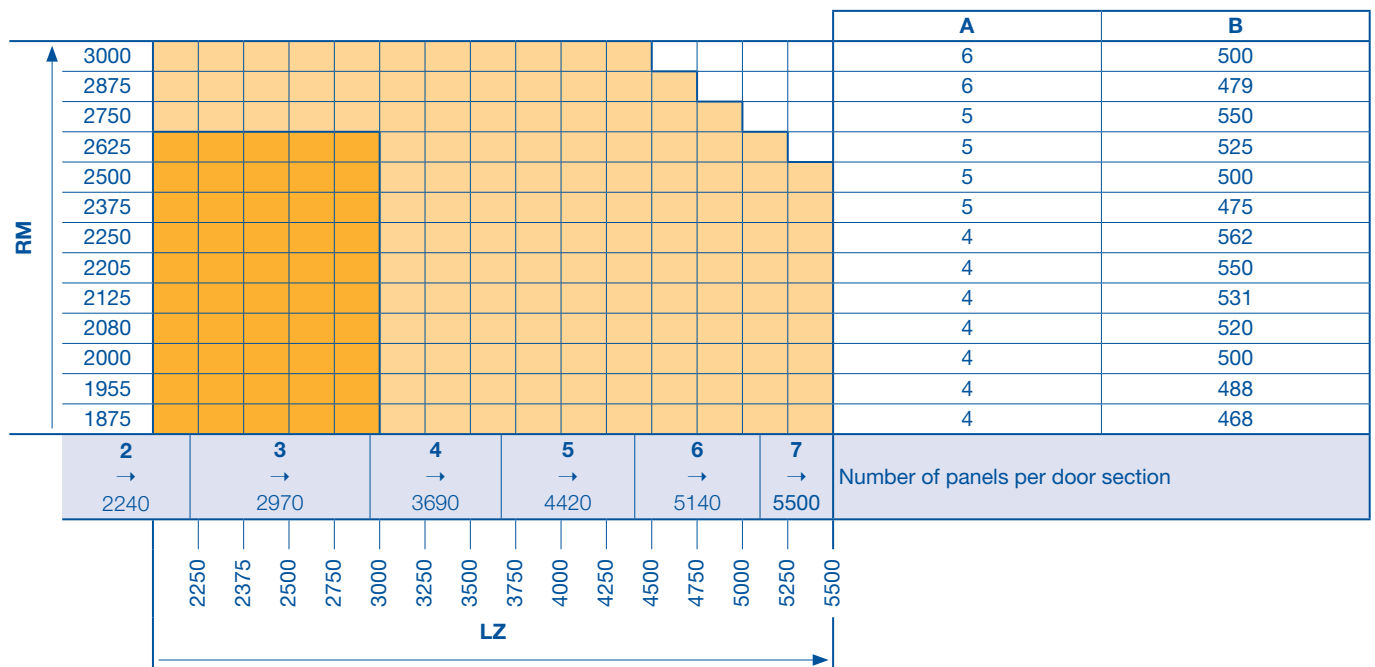


Design M10



Size range

Door width in 10 mm increments, door height only in one of the grid heights shown. Intermediate heights are not possible.



Doors up to 3000 x 2625 mm, with tension spring assembly

RM Grid height

LZ Clear frame dimensions (from 2000)

→ Up to width

A No. of door sections

B Door section height

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width

Glazing options – Panel glazing

- Clear or crystal structure double panes, 16 mm
- Designs M0, M1, M2
- Designs M10, M20, M30, M40, M50 (see page 23)

Sectional Door LPU 40

Double-skinned steel sections

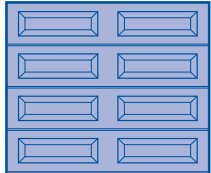
L-panelled

Woodgrain

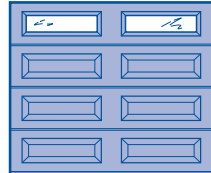
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

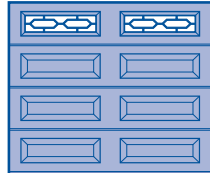
Basic model



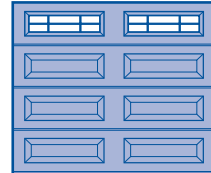
Design L0



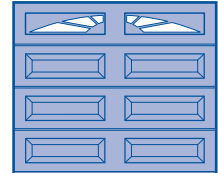
Design L1 with decorative rail (rhombus)



Design L2 with decorative rail (cross)

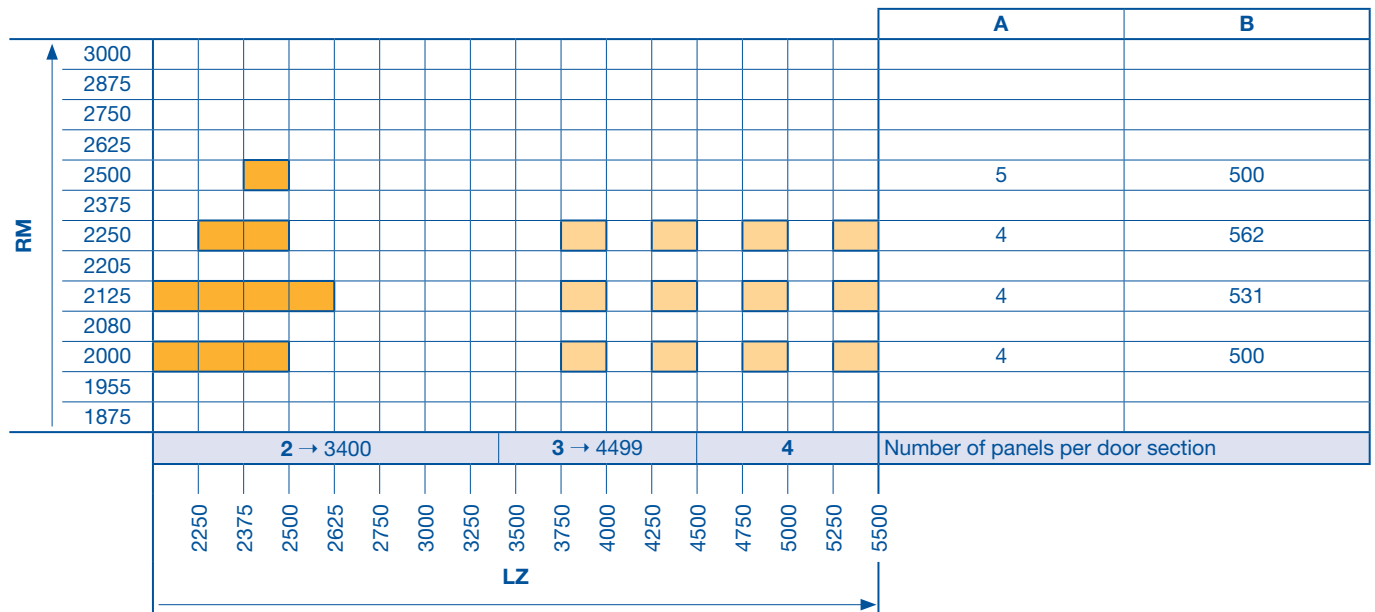


Design L10



Size range

Door width and door height in grid height. Intermediate widths and heights are not possible.



Doors up to 3000 x 2625 mm, with tension spring assembly

RM Grid height

LZ Clear frame dimensions (from 2250)

A No. of door sections

→ Up to width

B Door section height

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width

Glazing options – Panel glazing

Clear or crystal structure double panes, 16 mm

- Designs L0, L1, L2
- Designs C10, C30 (see page 23)
- Designs L10, L20, L30, L40 (see page 23)

Sectional Door LPU 40

Double-skinned steel sections

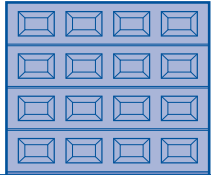
S-panelled

Decograin

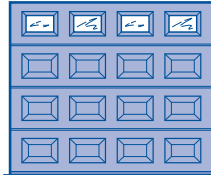
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

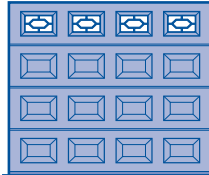
Basic model



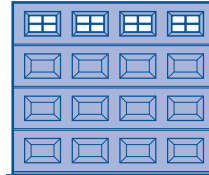
Design S0



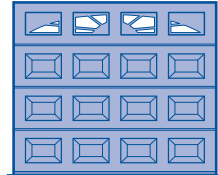
Design S1 with decorative rail (rhombus)



Design S2 with decorative rail (cross)

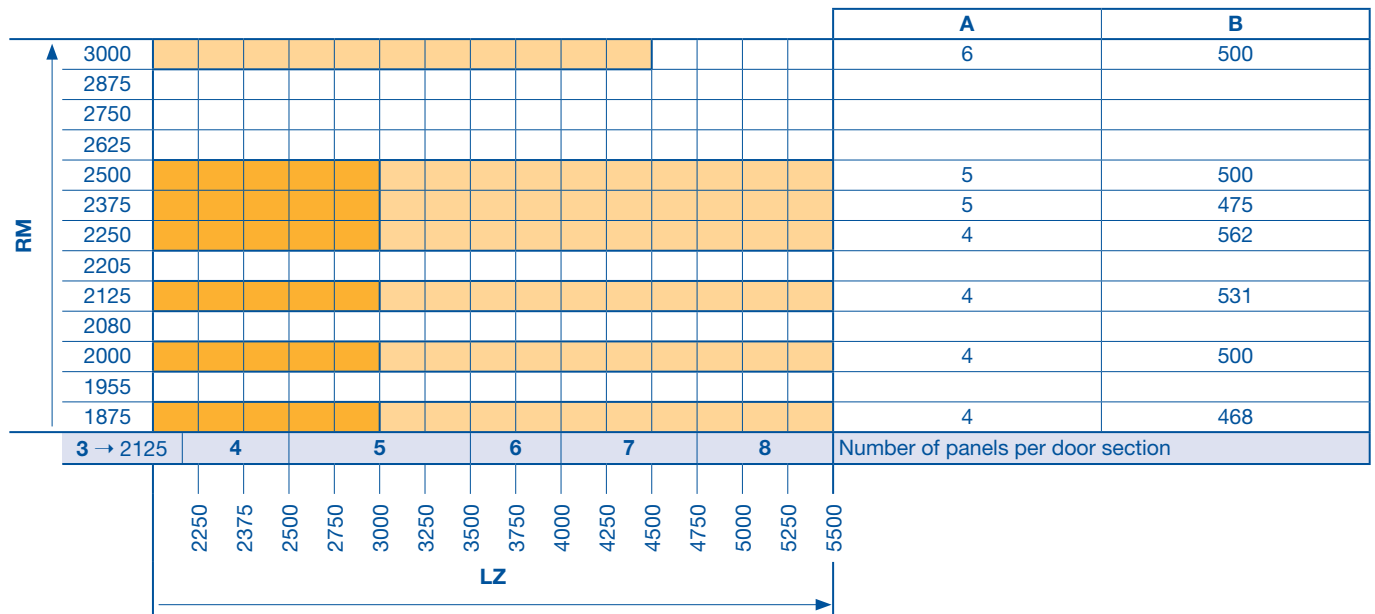


Design S10



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are not possible.



Doors up to 3000 x 2625 mm, with tension spring assembly

RM Grid height
LZ Clear frame dimensions (from 2000)
 → Up to width

A No. of door sections
B Door section height

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width

Glazing options – Panel glazing

Clear or crystal structure double panes, 16 mm

- Designs S0, S1, S2
- Designs S10, S20, S30, S40, S50, S60 (see page 23)

Sectional Door LPU 40

Double-skinned steel sections

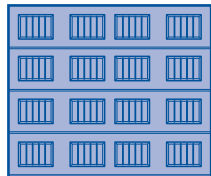
C-panelled

Woodgrain

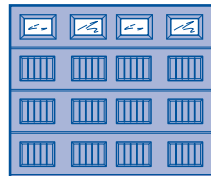
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

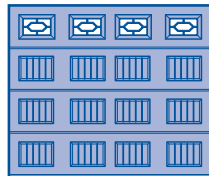
Basic model



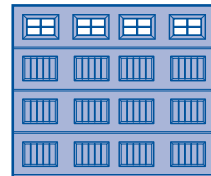
Design S0



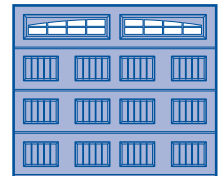
Design S1 with decorative rail (rhombus)



Design S2 with decorative rail (cross)

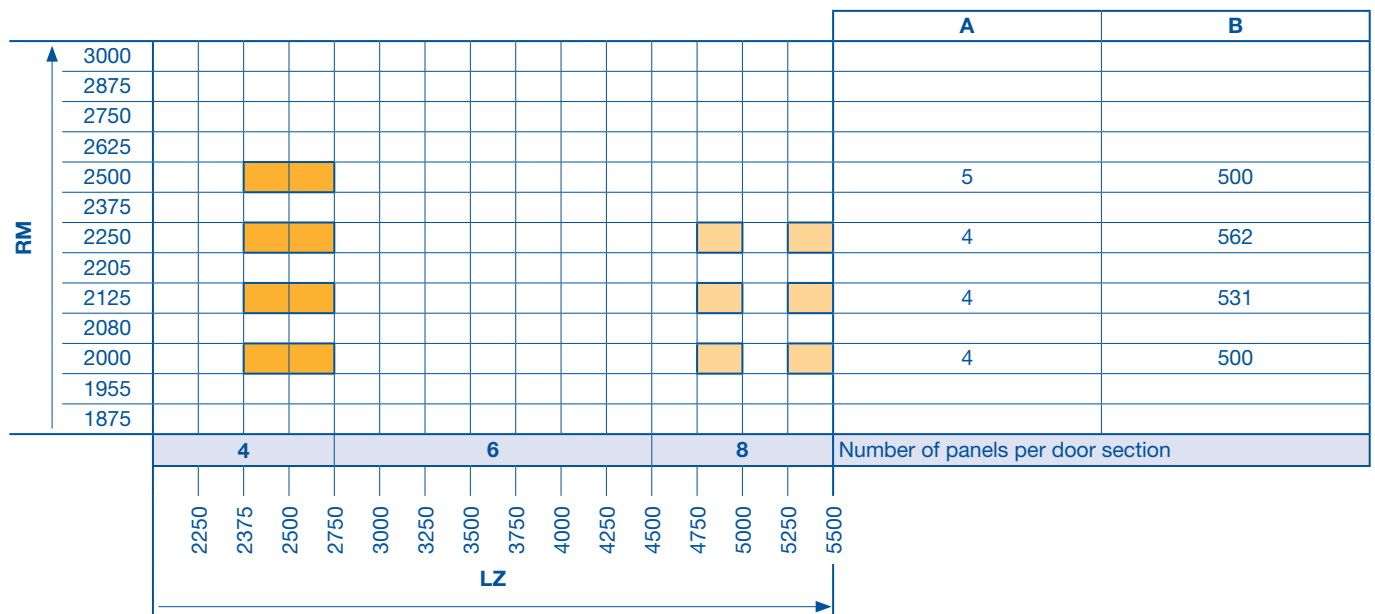


Design C10



Size range

Door width and door height in grid height. Intermediate widths and heights are not possible.



Doors up to 3000 x 2625 mm, with tension spring assembly

B Door section height

A No. of door sections

RM Grid height

LZ Clear frame dimensions (from 2000)

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width

Glazing options – Panel glazing

Clear or crystal structure double panes, 16 mm

- Designs S0, S1, S2, S10, S60 (see page 23)
- Designs C10, C30 (see page 23)
- Designs L10, L40 (see page 23)

Sunrise Glazing

for sectional doors

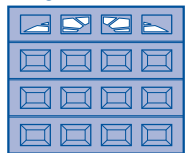
LTE 40/EPU 40/LPU 40

External views

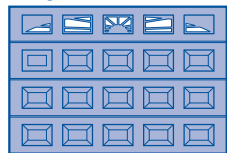
Sunrise glazing for sectional doors LTE 40/EPU 40 for standard and special sizes

Glazing options for S-panelled type (not possible for doors with 3 panels for each section)

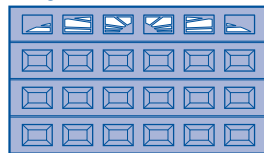
Design S10



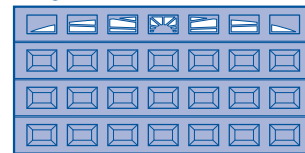
Design S20



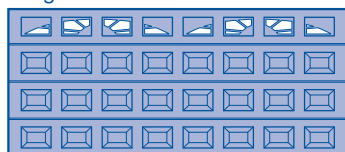
Design S30



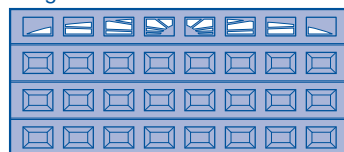
Design S40



Design S50



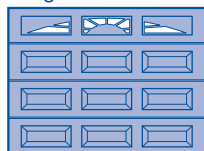
Design S60



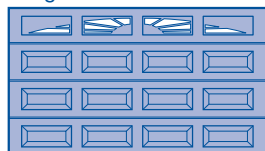
Sunrise glazing for sectional doors LTE 40/LPU 40 for standard and special sizes

Glazing options for M-panelled type (not possible for doors with 2 or 7 panels for each section)

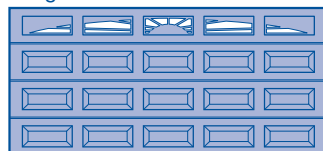
Design M10



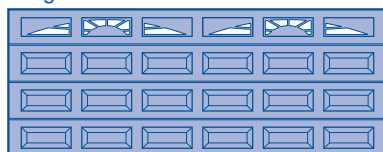
Design M20



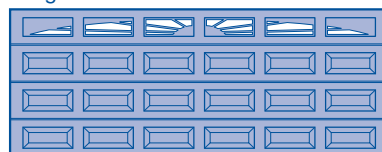
Design M30



Design M40



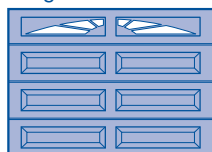
Design M50



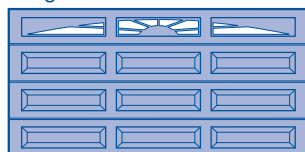
Sunrise glazing for sectional door LPU 40 for standard sizes

Glazing options for L-panelled type

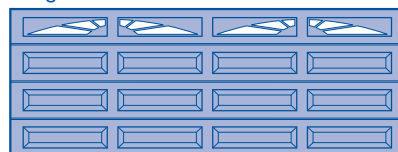
Design L10



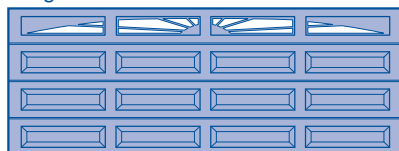
Design L20



Design L30



Design L40



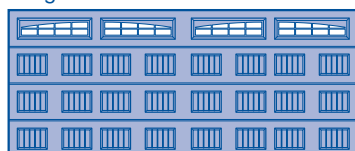
Sunrise glazing for sectional door LPU 40 for standard sizes

Glazing options for C-panelled or L-panelled type

Design C10



Design C30



Special Designs

for sectional doors

LPU 40, L-ribbed

Silkgrain

External views

Door view

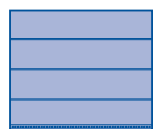
2500 x 2125 mm

Door view

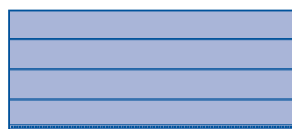
5000 x 2125 mm

Side door view

1000 x 2125 mm



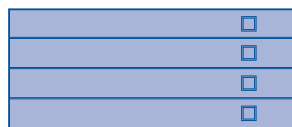
Style 450



Similar to entrance door 693



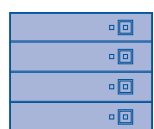
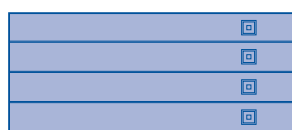
Style 451



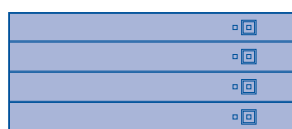
Similar to entrance door 173



Style 452



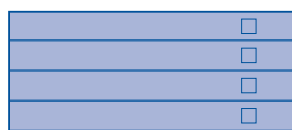
Style 453



Similar to entrance door 170



Style 454



Style 455



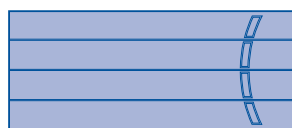
Style 456



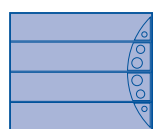
Similar to entrance door 866



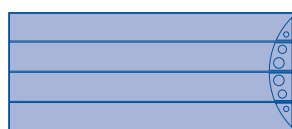
Style 457



Similar to entrance door 188



Style 458



Style 459



Sectional Door LPU 40 with Wicket Door

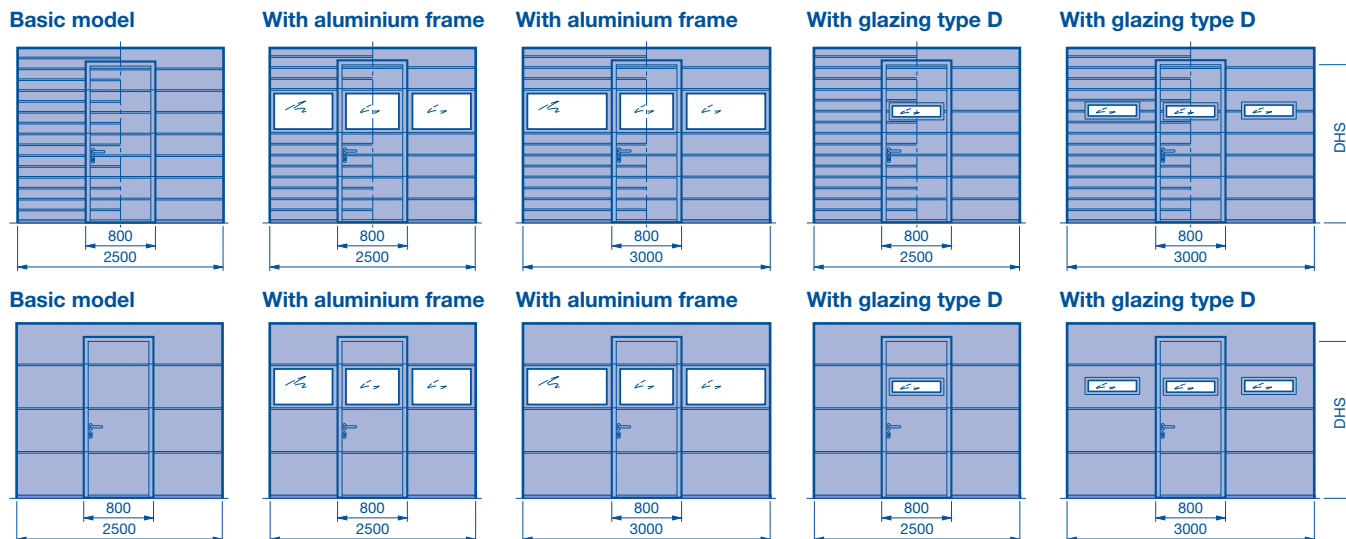
Double-skinned steel sections

S-ribbed, M-ribbed, L-ribbed

Woodgrain, Micrograin or Decograin

External views

(The proportions of the doors illustrated correspond to a door height of 2125 mm. Deviations may occur with other door heights. The floor surface in front of the garage must be level or sloped to guarantee smooth opening of the wicket door (opening outwards) due to the low threshold height - see page 48.)



Wicket doors

The wicket doors are always in four parts and in the S-ribbed version, only with even spacing of the ribs. The clear passage width of the wicket door is 800 mm and the threshold height starts at 5 mm and increases to 10 mm.

Size range

Garage door width in 10 mm increments. Door heights in one of the grid heights. Intermediate heights from 5 door sections on request. See track applications for the ceiling height and clear passage (pages 40-41). **Observe the size ranges of the door types.**

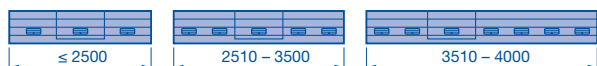
		A	B	C	D	DrH							
RM	3000												
	2875	●	●	●	●								
	2750												
	2625	●	●	●	●								
	2500												
	2375												
	2250												
	2205												
	2125												
	2080												
	2000												
	1955												
1875													
3 → 2500		5 → 3500		7 → 4000		No. of ventilation grilles with 40 cm ² ventilation cross section each							
3		4				No. of infills in aluminium frame per door section							
1 → 2500		3 → 3500		4 → 4000		No. of type D, S, M panes per door section							
2500		2750		3000		3250		3500		3750		4000	
LZ													

- Except for garage doors with top aluminium frame
- A** No. of door sections
- B** Door section height
- C** Clear passage height of DHS wicket door
- D** Clear passage height of the wicket door with type D, S, M glazing
- DrH** Lever height
- RM** Grid height
- LZ** Clear frame dimensions (from 2250)
- Up to width
- Grid heights RM not possible with Decograin and Micrograin

Note:
From LZ ≥ 3510 mm the wicket door is set off-centre!
Sectional door with wicket door only possible with track application N or L!

Ventilation via S/M/L-ribbed panels

- Ventilation grille, ventilation cross section 40 cm² each, arrangement



- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm

Sectional Door LPU 40 with Wicket Door

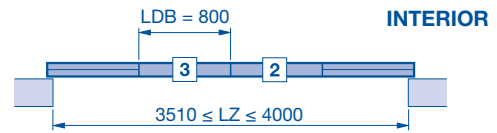
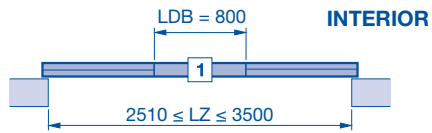
Double-skinned steel sections

S-ribbed, M-ribbed, L-ribbed

Woodgrain, Micrograin or Decograin

Matching external view for doors with glazing

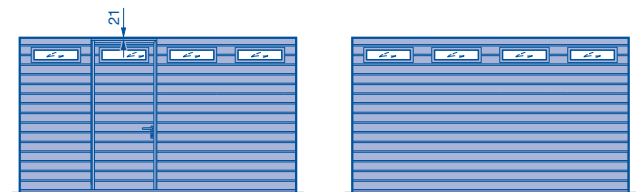
External views



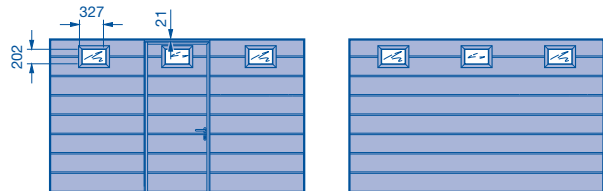
Glazing type D



Glazing type D



Glazing type S



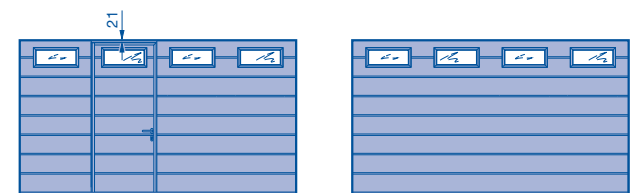
Glazing type S



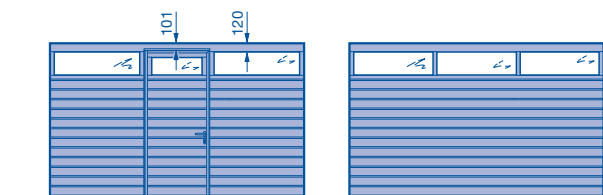
Glazing type M



Glazing type M



Aluminium frame



Aluminium frame



The proportions of the doors illustrated correspond to a door height of 2125 mm and arrangement 3.

Sectional Door LPU 40 with Wicket Door

Double-skinned steel sections

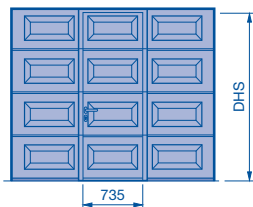
M-panelled

Woodgrain

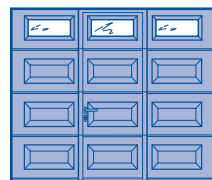
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes. The floor surface in front of the garage must be level or sloped to guarantee smooth opening of the wicket door (opening outwards) due to the low threshold height - see page 48.)

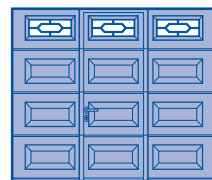
Basic model



Design M0



Design M1 with decorative rail (rhombus)



Design M2 with decorative rail (cross)



Design M10



Wicket doors

The wicket doors are always in four parts. The clear passage width of the wicket door is 735 mm and the threshold height starts at 5 mm and increases to 10 mm.

Size range

Door width in 10 mm increments, door height only in grid height. Intermediate heights are not possible. See track applications for the ceiling height and clear passage (pages 40-41). **A wicket door is not possible in the range of $2980 \leq LZ \leq 3150$ / $3700 \leq LZ \leq 3900$!**

RM				A	B	C	DrH
	3000			6	500	1955	831
2875			6	479	1871	799	
2750			5	550	2155	906	
2625			5	525	2055	868	
2500			5	500	1955	831	
2375			5	475	1855	793	
2250			4	562	2203	924	
2205			4	550	2155	906	
2125			4	531	2079	877	
2080			4	520	2035	861	
2000			4	500	1955	831	
1955			4	488	1907	813	
	3 → 2970	4 → 3690	5	Numbers of panels/panel glazings per door section			
	2500	2750	3000	3250	3500	3750	4000
	LZ						

- A** No. of door sections
- B** Door section height
- C** Clear passage height of DHS wicket door
- DrH** Lever height
- RM** Grid height
- LZ** Clear frame dimensions (from 2375)
- Up to width

Note:

With 4 panels, the wicket door is set off-centre!
Sectional door with wicket door only possible with track application N or L!

Optional extras

Glazing options – Panel glazing

Clear or crystal structure double panes, 16 mm

- Design M0
- Design M1
- Design M2
- Designs M10, M20, M30

Sectional Door LPU 40 XXL

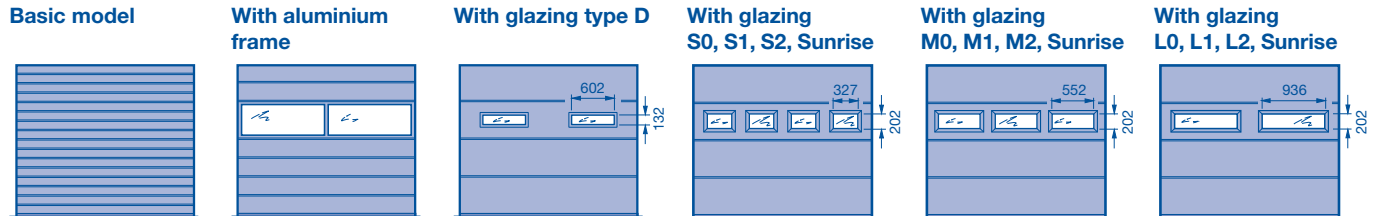
Double-skinned steel sections

S-ribbed, M-ribbed, L-ribbed

Woodgrain, Micrograin, Silkgrain or Decograin

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

				A	B
RM	3000				
	2875				
	2750				
	2625				
	2500				
	2375				
	2250			4	562
	2125			4	531
	2000			4	500
	1875				
	12			No. of ventilation grilles with 40 cm ² ventilation cross section each ⁴⁾	
	6			Number of glazings – Aluminium frame and type D	
	8 → 5500	9 ¹⁾ → 6250	10 ¹⁾	Number of glazings – Type S	
		7 ²⁾ → 5870	8 ²⁾	Number of glazings – Type M	
	4 → 5590	5 ³⁾		Number of glazings – Type L	
		6000	6500	7000	7500
		LZ			
				8000	

- A** No. of door sections
B Door section height
RM Grid height
LZ Clear frame dimensions (from 5500)
 → Up to width

- 1) Sunrise glazings not possible for doors with 3, 9 and 10 panels per section
 2) Sunrise glazings not possible for doors with 2, 7 and 8 panels per section
 3) Sunrise glazings not possible for doors with 5 panels per section

- 4) Ventilation grille in Woodgrain and Decograin only possible with S-ribbed and M-ribbed versions

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Ventilation grille, ventilation cross section 40 cm² each
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

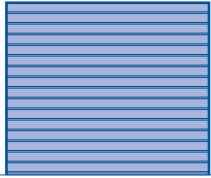
Sectional Door LTH 40

S-ribbed, V-panelled
Nordic Pine/Hemlock

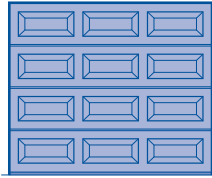
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

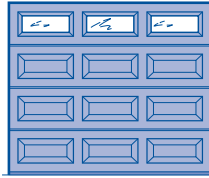
Basic model, S-ribbed



Basic model, V-panelled



With glazing V0



Size range

Garage door width in 10 mm increments. Intermediate heights are possible for V-panelled versions (on request for S-ribbed versions).

RM					S-ribbed			V-panelled
					A	B	C	A
3000					6	500	125	6
2875					6	479	120	6
2750					5	550	138	6
2625					5	525	131	5
2500					5	500	125	5
2375					5	475	119	5
2250					4	562	141	5
2125					4	531	133	4
2000					4	500	125	4
1875					4	468	117	4
					Numbers of panels/panel glazings per door section			
					3 4 5 6			
					2250 2375 2500 2750 3000 3250 3500 3750 4000 4250 4500 4750 5000			
					LZ			

Note:
Sectional door LTH 40 only with torsion spring assembly

- A No. of door sections
- B Door section height
- C Spacing

- RM Grid height
- LZ Clear frame dimensions (from 2000)

Ventilation

- Ventilation slots in the bottom seal (standard), 65 cm² ventilation cross section for one metre door width

Glazing options (for panelled versions only)

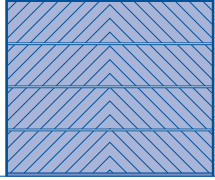
- Clear or crystal structure glazing, 3 mm

Sectional Door LTH 40 with Special Designs

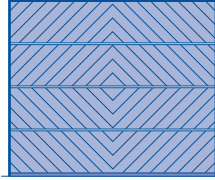
Nordic Pine/Hemlock

External views

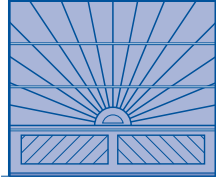
Style 401



Style 402



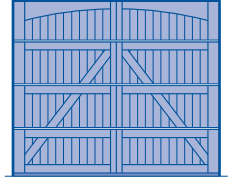
Style 403



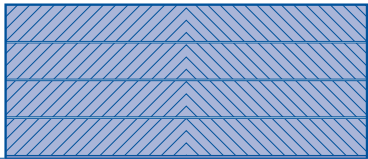
Style 404



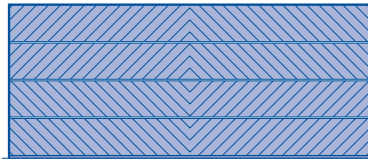
Style 405



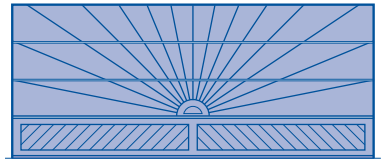
Style 401



Style 402



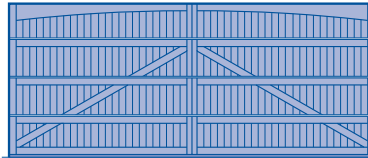
Style 403



Style 404



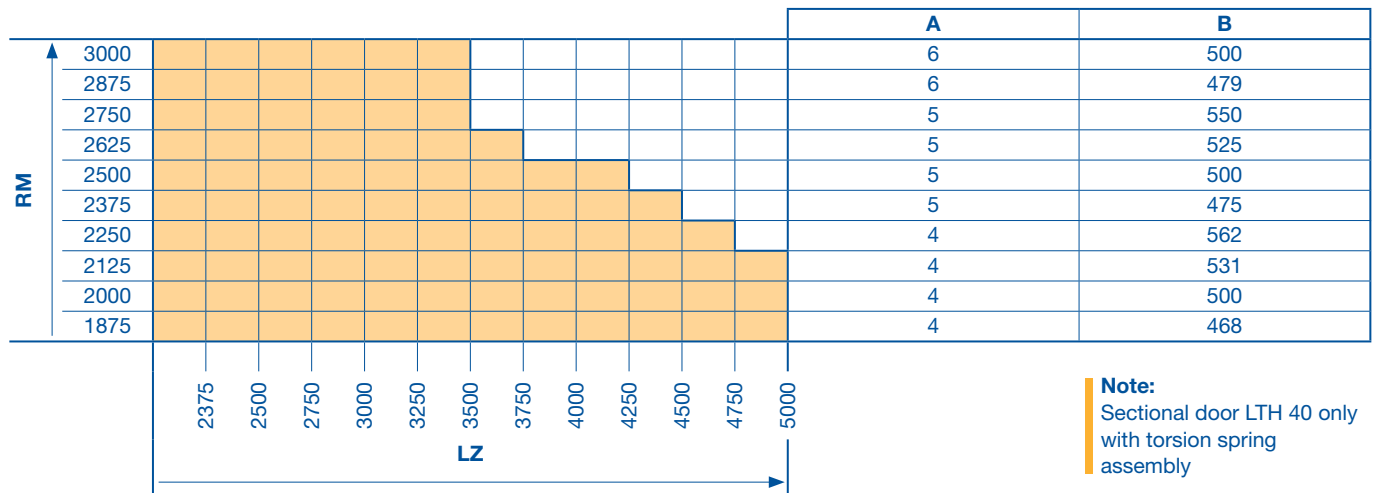
Style 405



The illustrations correspond to the proportions for size 2500 x 2125 mm (top row) as well as the sizes 5000 x 2125 mm (centre and bottom row). Deviations may occur with other sizes.

Size range

Garage door width in 10 mm increments. Intermediate heights on request. Further designs on customers request.



Note:
Sectional door LTH 40 only with torsion spring assembly

- A** No. of door sections
- B** Door section height
- RM** Grid height

LZ Clear frame dimensions (from 2250)

Ventilation

- Ventilation slots in the bottom seal (standard), 65 cm² ventilation cross section for one metre door width

Sectional Door LPU 40

Double-skinned steel sections, fitting in front of the reveal

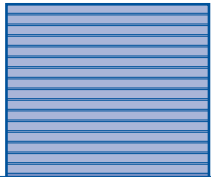
S-ribbed

Woodgrain

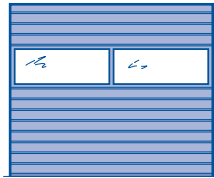
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

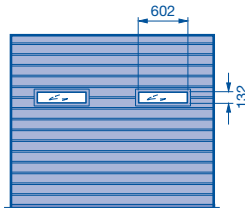
Basic model



With aluminium frame



With glazing type D



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

														A	B	C		
RM	2205														4	550	138	
	2125														4	531	133	
	2080														4	520	130	
	2000														4	500	125	
	1955														4	488	122	
	1875														4	468	117	
		4	6													No. of ventilation grilles with 40 cm ² ventilation cross section each		
		2	3													Number of infills per door section with glazing		
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000				
		LZ																

Doors up to 3000 x 2500 mm, with tension spring assembly

A No. of door sections
B Door section height

C Spacing
RM Grid height

LZ Clear frame dimensions (from 2000)

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Ventilation grille, ventilation cross section 40 cm² each
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

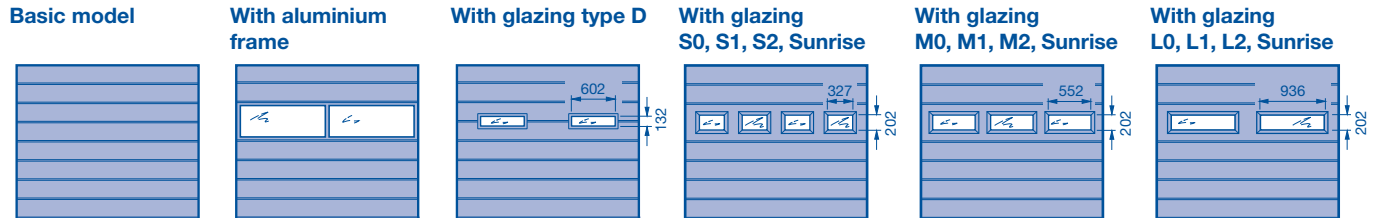
Double-skinned steel sections, fitting in front of the reveal

M-ribbed

Woodgrain

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

												A	B	C			
RM	2205											4	550	275			
	2125											4	531	265			
	2080											4	520	260			
	2000											4	500	250			
	1955											4	488	244			
	1875											4	468	234			
		4	6											No. of ventilation grilles with 40 cm ² ventilation cross section each			
		2	3											Number of glazings – Aluminium frame and type D			
3 → 2125		4	5											Number of glazings – Type S			
2 → 2240		3												Number of glazings – Type M			
		2												Number of glazings – Type L			
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	LZ		

A No. of door sections
B Door section height
C Spacing
RM Grid height

LZ Clear frame dimensions (from 2000)
 → Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Ventilation grille, ventilation cross section 40 cm² each
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

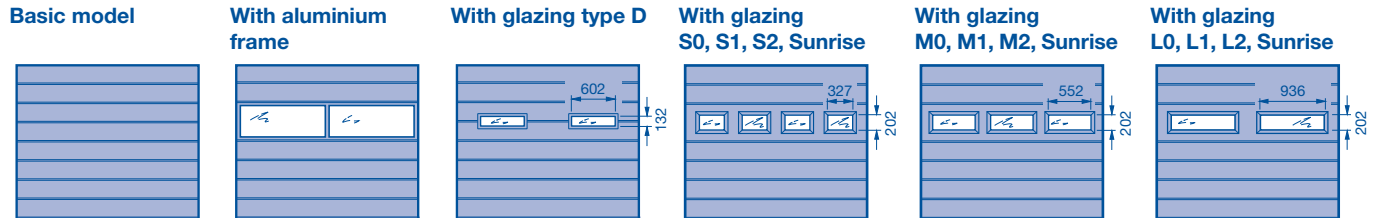
Double-skinned steel sections, fitting in front of the reveal

M-ribbed

Silkgrain

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

														A	B	C	
RM	2205													4	550	275	
	2125													4	531	265	
	2080													4	520	260	
	2000													4	500	250	
	1955													4	488	244	
	1875													4	468	234	
		2	3											Number of glazings – Aluminium frame and type D			
3 → 2125		4	5											Number of glazings – Type S			
2 → 2240		3												Number of glazings – Type M			
		2												Number of glazings – Type L			
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000			
		LZ															

- A No. of door sections
- B Door section height
- C Spacing
- RM Grid height

- LZ Clear frame dimensions (from 2000)
- Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

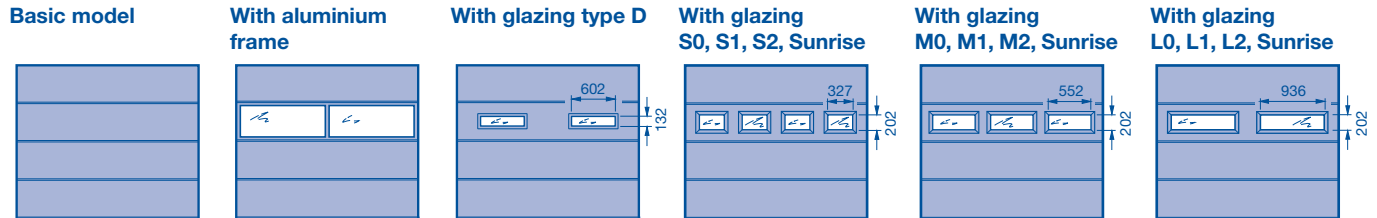
Double-skinned steel sections, fitting in front of the reveal

L-ribbed

Woodgrain

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

														A	B	
RM	2205													4	550	
	2125													4	531	
	2080													4	520	
	2000													4	500	
	1955													4	488	
	1875													4	468	
		2	3											Number of glazings – Aluminium frame and type D		
3 → 2125		4	5											Number of glazings – Type S		
2 → 2240		3												Number of glazings – Type M		
		2												Number of glazings – Type L		
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	LZ	

A No. of door sections
 B Door section height
 RM Grid height

LZ Clear frame dimensions (from 2000)
 → Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

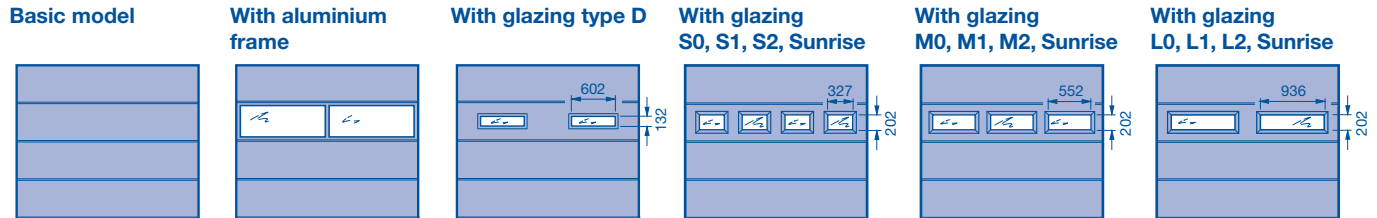
Double-skinned steel sections, fitting in front of the reveal

L-ribbed

Silkgrain

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

														A	B	
RM	2205	[Grid of 10mm increments]												4	550	
	2125													4	531	
	2080													4	520	
	2000													4	500	
	1955													4	488	
	1875													4	468	
		2	3											Number of glazings – Aluminium frame and type D		
3 → 2125		4	5											Number of glazings – Type S		
2 → 2240		3												Number of glazings – Type M		
		2												Number of glazings – Type L		
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	LZ	

A No. of door sections
 B Door section height
 RM Grid height

LZ Clear frame dimensions (from 2000)
 → Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

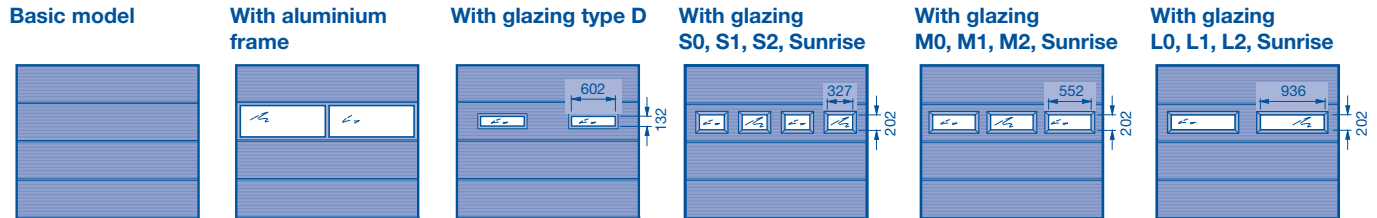
Double-skinned steel sections, fitting in front of the reveal

L-ribbed

Micrograin

External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

														A	B				
RM	2205													4	550				
	2125													4	531				
	2080													4	520				
	2000													4	500				
	1955													4	488				
	1875													4	468				
		2		3														Number of glazings – Aluminium frame and type D	
3 → 2125		4		5														Number of glazings – Type S	
2 → 2240		3																Number of glazings – Type M	
		2																Number of glazings – Type L	
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	LZ				

A No. of door sections
B Door section height
RM Grid height

LZ Clear frame dimensions (from 2000)
 → Up to width

Optional extras

Ventilation

- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width
- Aluminium frame with expanded mesh, 58% ventilation cross section

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Sectional Door LPU 40

Double-skinned steel sections, fitting in front of the reveal

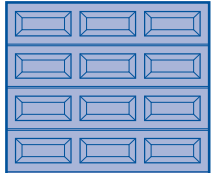
M-panelled

Woodgrain

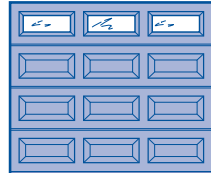
External views

(The proportions of the doors shown correspond to door size 2500 x 2125 mm. Deviations may occur with other sizes.)

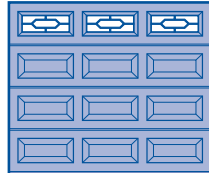
Basic model



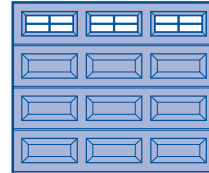
Design M0



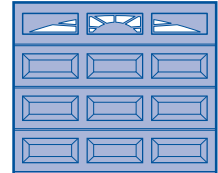
Design M1 with decorative rail (rhombus)



Design M2 with decorative rail (cross)



Design M10



Size range

Door width in 10 mm increments, door height in grid height. Intermediate heights are possible.

		LZ										A	B			
RM	2205											4	550			
	2125											4	531			
	2080											4	520			
	2000											4	500			
	1955											4	488			
	1875											4	468			
2 → 2240		3 → 2970		4						Number of panels per door section						
		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000		

Doors up to 3000 x 2500 mm, with tension spring assembly

B Door section height

A No. of door sections

RM Grid height

LZ Clear frame dimensions (from 2000)

Optional extras

Ventilation

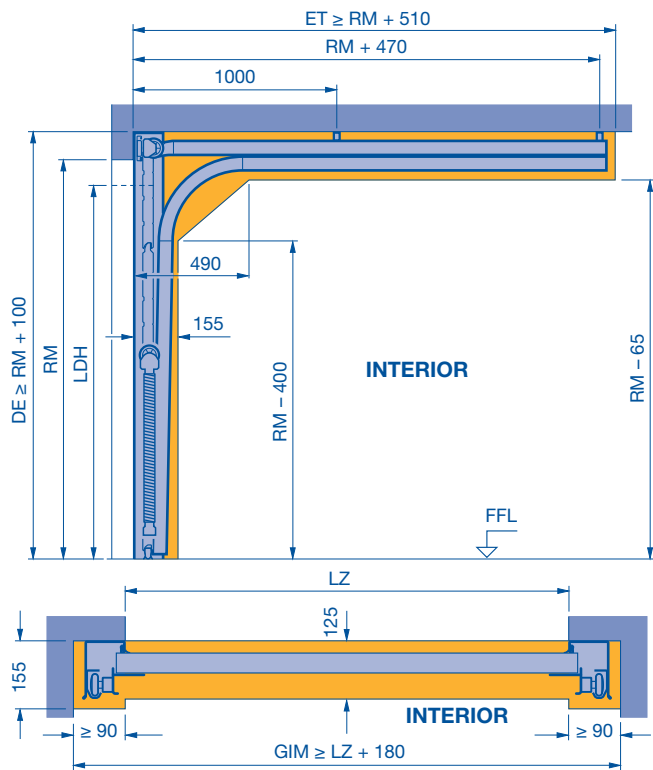
- Ventilation slots in the bottom seal, 65 cm² ventilation cross section for one metre door width

Glazing options

- Aluminium frame (standard profile NF)
- Glazing type D, 16 mm
- Glazing type S, M, L 22 mm (see page 23)

Track Applications: Z, N

Z: Tension spring fitting



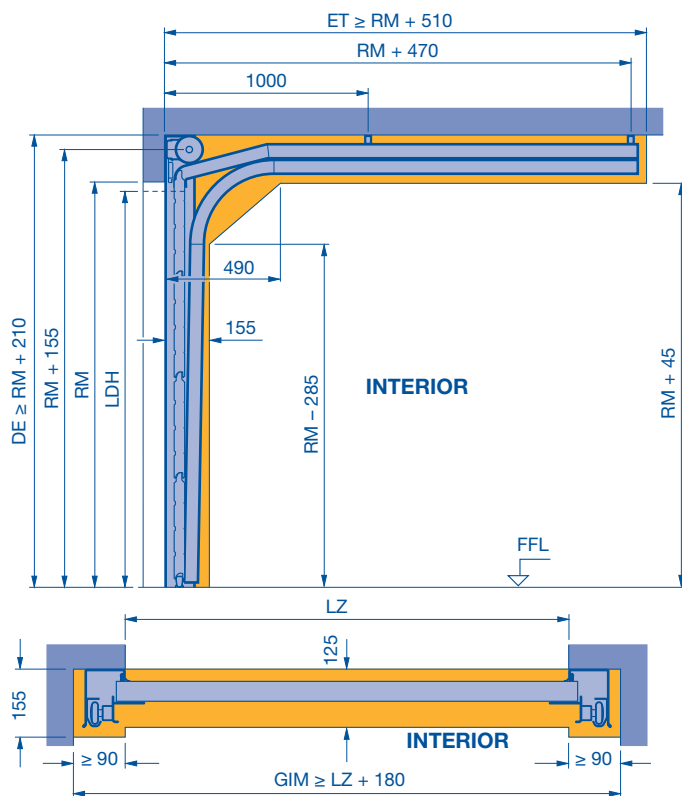
RM height	Manual operation		With operator	
	Min. ceiling height	LDH	Min. ceiling height	LDH
	RM + 100	RM - 80	RM + 115	RM - 30
1875	1975	1795	1990	1845
1955	2055	1875	2070	1925
2000	2100	1920	2115	1970
2080	2180	2000	2195	2050
2125	2225	2045	2240	2095
2205	2305	2125	2320	2175
2250	2350	2170	2365	2220
2375	2475	2295	2490	2345
2500	2600	2420	2615	2470
2625	2725	2545	2740	2595

- LDH** Clear passage height
- RM** Grid height
- LZ** Clear frame dimensions
- DE** Ceiling height
- ET** Distance back
- GIM** Inside garage dimension

Note:

The clearance required for fitting the door must be free of obstructions, e.g. supply lines, heater fans, etc.

N: Normal track

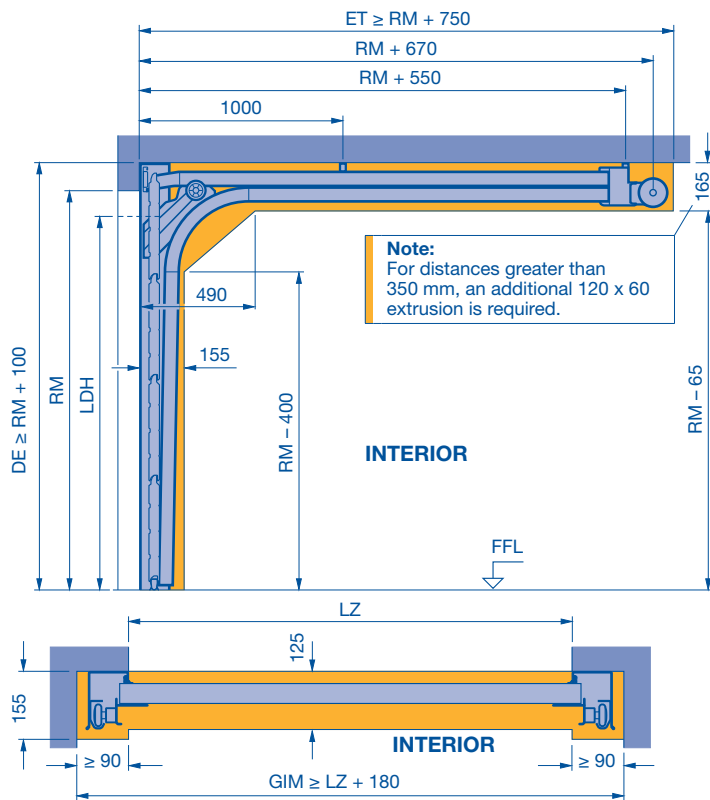


RM height	Manual operation		With operator	
	Min. ceiling height	LDH	Min. ceiling height	LDH
	RM + 210	RM - 50	RM + 210	RM
1875	2085	1825	2085	1875
1955	2165	1905	2165	1955
2000	2210	1950	2210	2000
2080	2290	2030	2290	2080
2125	2335	2075	2335	2125
2205	2415	2155	2415	2205
2250	2460	2200	2460	2250
2375	2585	2325	2585	2375
2500	2710	2450	2710	2500
2625	2835	2575	2835	2625
2750	2960	2700	2960	2750
2875	3085	2825	3085	2875
3000	3210	2950	3210	3000

- LDH** Clear passage height
- RM** Grid height
- LZ** Clear frame dimensions
- DE** Ceiling height
- ET** Distance back
- GIM** Inside garage dimension

Track Applications: L, H

L: Low-headroom tracks

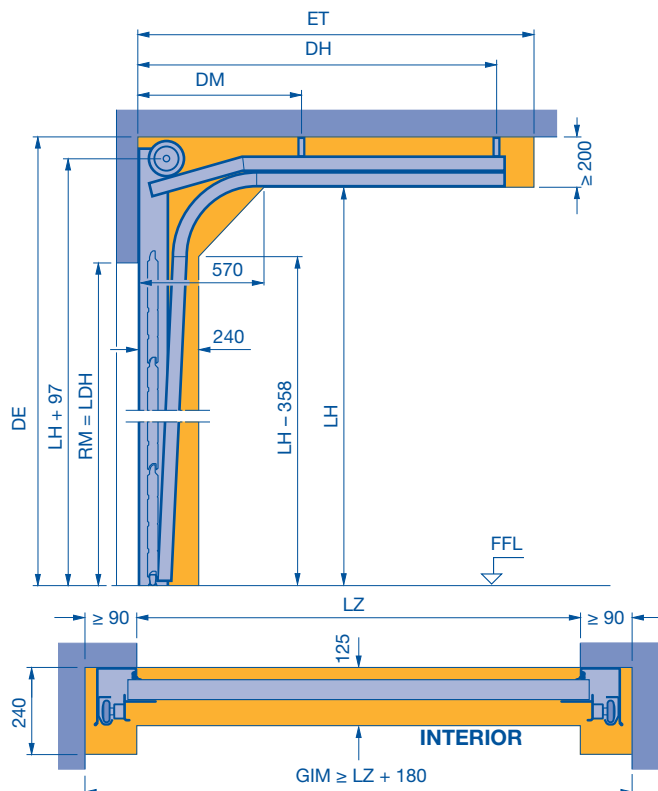


RM height	Manual operation		With operator		
	Min. ceiling height	LDH	Min. ceiling height	LDH up to LZ = 3000 mm	LDH from LZ = 3010 mm
	RM + 100	RM - 100	RM + 115	RM - 30	RM - 80
1875	1975	1775	1990	1845	1795
1955	2055	1855	2070	1925	1875
2000	2100	1900	2115	1970	1920
2080	2180	1980	2195	2050	2000
2125	2225	2025	2240	2095	2045
2205	2305	2105	2320	2175	2125
2250	2350	2150	2365	2220	2170
2375	2475	2275	2490	2345	2295
2500	2600	2400	2615	2470	2420
2625	2725	2525	2740	2595	2545
2750	2850	2650	2865	2720	2670
2875	2975	2775	2990	2845	2795
3000	3100	2900	3115	2970	2920

LDH Clear passage height
RM Grid height
LZ Clear frame dimensions
DE Ceiling height
ET Distance back
GIM Inside garage dimension

Note:
 The clearance required for fitting the door must be free of obstructions, e.g. supply lines, heater fans, etc.

H: High-lift tracks



(not for LTE 40, EPU 40, LPU 40, S, L and C-panelled, or for versions with wicket door)

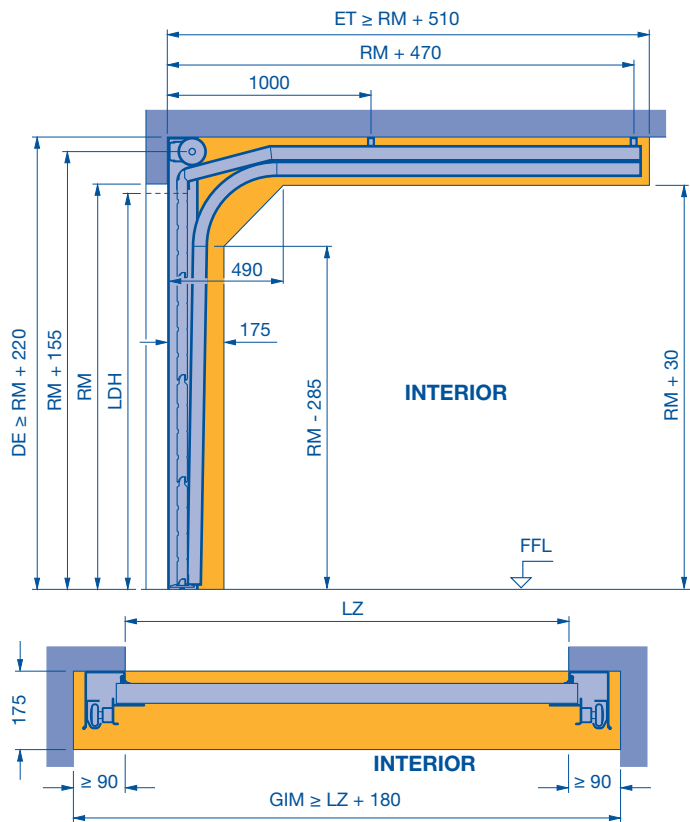
Door height RM height	Track height			
	(1) with spring buffer		(2) with buffer stop	
	Min.	Max.	Min.	Max.
1875	2260	2634	2635	3190
1955	2340	2714	2715	3270
2000	2385	2759	2760	3315
2080	2465	2839	2840	3395
2125	2510	2884	2885	3440
2205	2590	2964	2965	3520
2250	2635	3009	3010	3565
2375	2760	3134	3135	3690
2500	2885	3259	3260	3815
2625	3010	3384	3385	3940
2750	3135	3509	3510	4065
2875	3315	3634	3635	4190
3000	3565	3759	3760	4315

LDH Clear passage height
RM Grid height
LF Structural opening
LH Track height
LZ Clear frame dimensions
DE Ceiling height
DH Rear ceiling anchor = $ET - 200$
DM Centre ceiling anchor = $DH/2$
ET Distance back
(1) = $2 \times RM + 690 - LH$
(2) = $2 \times RM + 490 - LH \geq 1500$
GIM Minimum inside garage dimension

Track Application: N

(LPU 40) Wicket door

N: Normal track



RM height	Manual operation		With operator	
	Min. ceiling height	LDH	Min. ceiling height	LDH
	RM + 220	RM - 160	RM + 235	RM - 100
1875	2095	1715	2110	1775
1955	2175	1795	2190	1855
2000	2220	1840	2235	1900
2080	2300	1920	2315	1980
2125	2345	1965	2360	2025
2205	2425	2045	2440	2105
2250	2470	2090	2485	2150
2375	2595	2215	2610	2275
2500	2720	2340	2735	2400
2625	2845	2465	2860	2525
2750	2970	2590	2985	2650
2875	3095	2715	3110	2775
3000	3220	2840	3235	2900

LDH Clear passage height
RM Grid height
LZ Clear frame dimensions
DE Ceiling height
ET Distance back
GIM Inside garage dimension

Note:

The clearance required for fitting the door must be free of obstructions, e.g. supply lines, heater fans, etc.

Note:

The floor surface in front of the garage must be level or sloped to guarantee smooth opening of the wicket door (opening outwards) due to the low threshold height - see page 48.

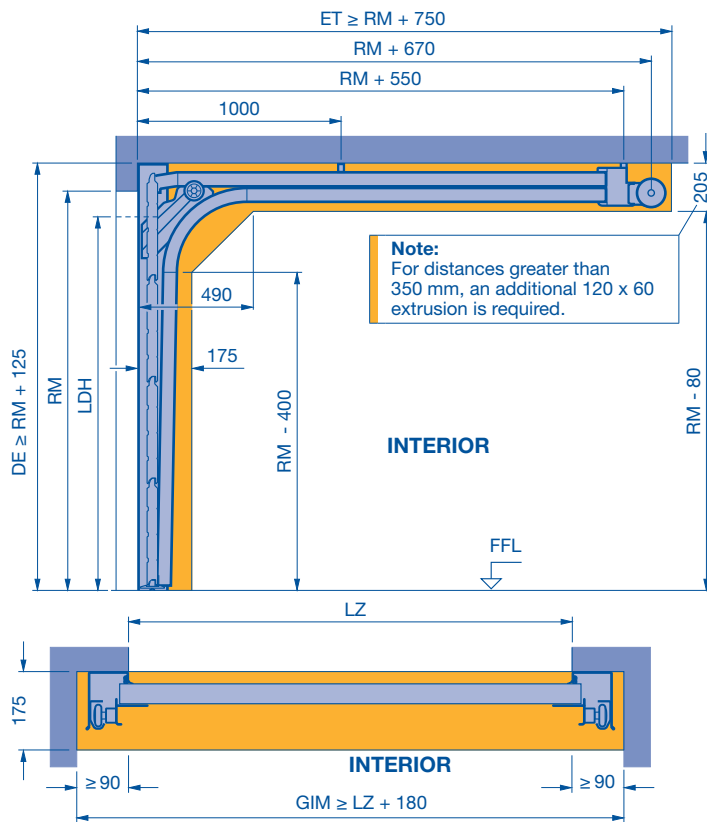
Note:

For doors up to RM 2250 in M-panelled versions or in S, M, or L-ribbed versions and top glazing type D, S, M, the distance from FFL to the bottom edge of the lintel must be equal to or greater than the ordering size (RM). Deviating dimensions on request!

Track Application: L

(LPU 40) Wicket door

L: Low-headroom tracks



RM height	Manual operation		With operator	
	Min. ceiling height	LDH	Min. ceiling height	LDH
	RM + 125	RM - 160	RM + 125	RM - 160
1875*	2000	1715	2000	1715
1955	2080	1795	2080	1795
2000	2125	1840	2125	1840
2080	2205	1920	2205	1920
2125	2250	1965	2250	1965
2205	2330	2045	2330	2045
2250	2375	2090	2375	2090
2375	2500	2215	2500	2215
2500	2625	2340	2625	2340
2625	2750	2465	2750	2465
2750	2875	2590	2875	2590
2875	3000	2715	3000	2715
3000	3125	2840	3125	2840

* These versions are only available for doors, S/M/L-ribbed

- LDH** Clear passage height
- RM** Grid height
- LZ** Clear frame dimensions
- DE** Ceiling height
- ET** Distance back
- GIM** Inside garage dimension

Note:

The clearance required for fitting the door must be free of obstructions, e.g. supply lines, heater fans, etc.

Note:

The floor surface in front of the garage must be level or sloped to guarantee smooth opening of the wicket door (opening outwards) due to the low threshold height - see page 48.

Note:

For doors up to RM 2250 in M-panelled versions or in S, M, or L-ribbed versions and top glazing type D, S, M, the distance from FFL to the bottom edge of the lintel must be equal to or greater than the ordering size (RM). Deviating dimensions on request!

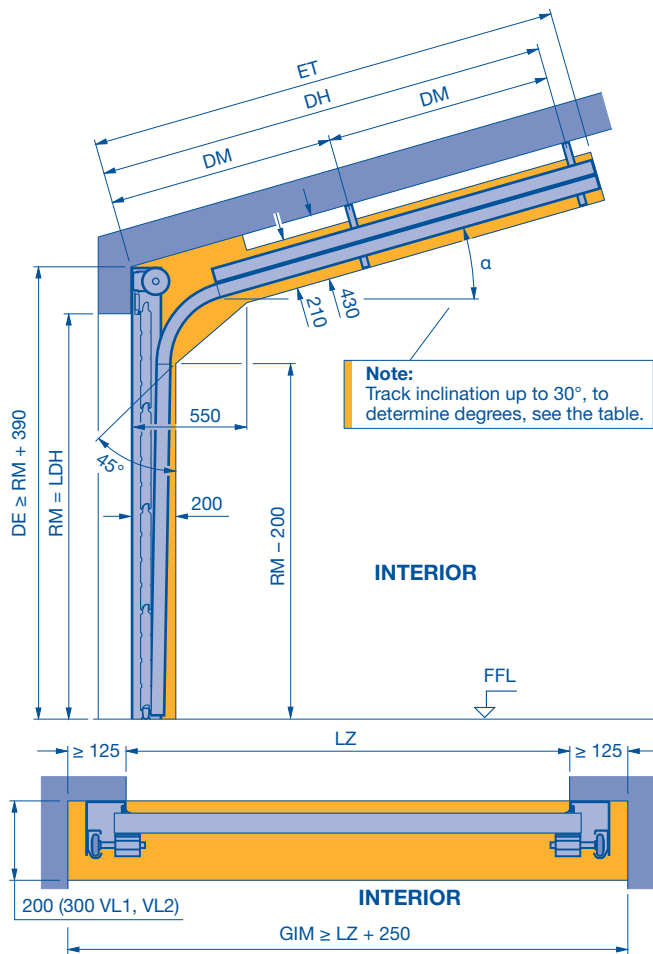
Track Application: ND

ND: Normal track application with inclination up to max. 30° as industry version (galvanized frame)

(not for LTE 40, EPU 40 and LPU 40, S, L and C-panelled)

Note:

SupraMatic and ProMatic are not possible!



RM height	Manual operation			With operator Min. ceiling height
	Min. ceiling height	LDH without wicket door	LDH with wicket door	
	RM + 390	RM	RM - 85	
1875	2265	1875	1790	See technical manual on sectional doors for industry and commerce, series 40
1955	2345	1955	1870	
2000	2390	2000	1915	
2080	2470	2080	1995	
2125	2515	2125	2040	
2205	2595	2205	2120	
2250	2640	2250	2165	
2375	2765	2375	2290	
2500	2890	2500	2415	
2625	3015	2625	2540	
2750	3140	2750	2665	
2875	3265	2875	2790	
3000	3390	3000	2915	

- LDH** Clear passage height
- RM** Grid height
- LZ** Clear frame dimensions
- DE** Ceiling height
- ET** Minimum distance back = $RM + 450 - \alpha \times 6.5$
- DH** Rear ceiling anchor = $RM + 195 - \alpha \times 6.5$
- DM** Centre ceiling anchor
- DA** Distance to ceiling
- GIM** Inside garage dimension

Only to determine the pitch of the roof in degrees (α)					
α	%	X (mm)	α	%	X (mm)
1	1.75	17.5	16	28.67	286.7
2	3.49	34.9	17	30.57	305.7
3	5.24	52.4	18	32.49	324.9
4	6.99	69.9	19	34.43	343.3
5	8.75	87.5	20	36.40	364.0
6	10.41	105.1	21	38.39	383.9
7	12.28	122.8	22	40.40	404.0
8	14.05	140.5	23	42.45	424.5
9	15.84	158.4	24	44.52	445.2
10	17.63	176.3	25	46.63	466.3
11	19.44	194.4	26	48.77	487.7
12	21.26	212.6	27	50.95	509.5
13	23.09	230.9	28	53.17	531.7
14	24.93	249.3	29	55.43	554.3
15	26.79	267.9	30	57.74	577.4

Note:

The clearance required for fitting the door must be free of obstructions, e.g. supply lines, heater fans, etc.

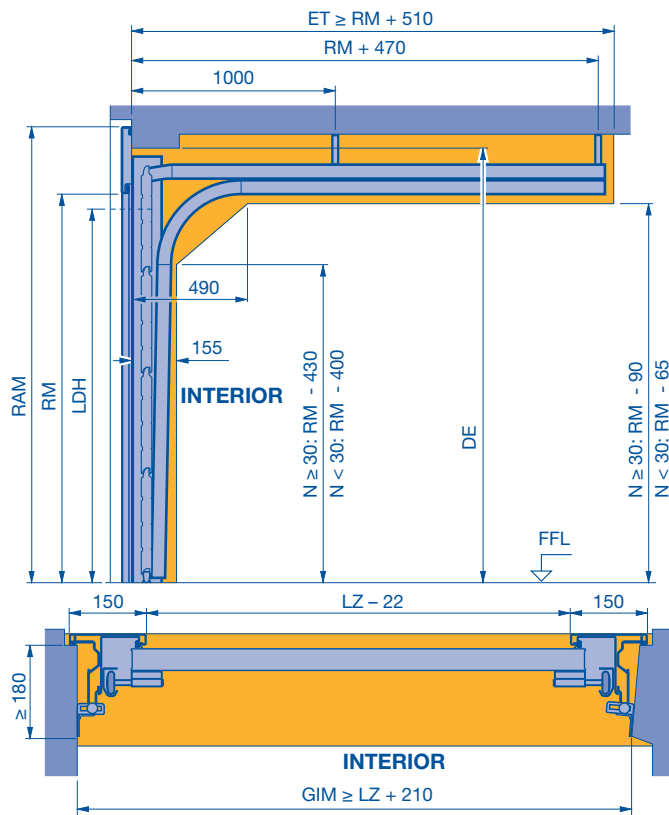
Note:

The floor surface in front of the garage must be level or sloped to guarantee smooth opening of the wicket door (opening outwards) due to the low threshold height - see page 48.

Track Application: Z

Fitting in front of the reveal

Z: Tension spring fitting



RM height	N ≥ 30			
	Manual operation		With operator	
	Min. ceiling height	LDH	Min. ceiling height	LDH
	RM + 75	RM - 110	RM + 90	RM - 60
1875	1950	1795	1965	1815
1955	2030	1845	2045	1895
2000	2075	1890	2090	1940
2080	2155	1970	2170	2020
2125	2200	2015	2215	2065
2205	2280	2095	2295	2145

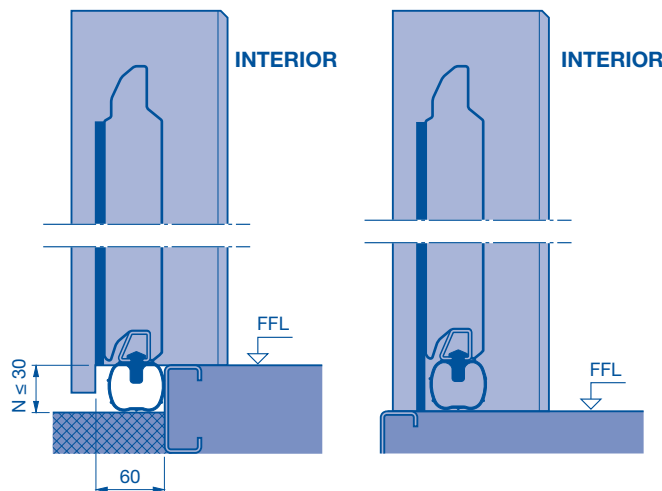
RM height	N < 30			
	Manual operation		With operator	
	Min. ceiling height	LDH	Min. ceiling height	LDH
	RM + 100	RM - 80	RM + 115	RM - 30
1875	1975	1795	1990	1845
1955	2055	1875	2070	1925
2000	2100	1920	2115	1970
2080	2180	2000	2195	2050
2125	2225	2045	2240	2095
2205	2305	2125	2320	2175

- LDH** Clear passage height
 - RM** Grid height
 - LZ** Clear frame dimensions
 - DE** Ceiling height
 - ET** Distance back
 - GIM** Inside garage dimension
 - N** Height difference between interior and exterior garage floor
 - RAM** Overall frame dimension
- RAM height** Min. = RM + 115 mm
Max. = RM + 185 mm

Examples for fitting situation

At $N \geq 30$ mm
LDH = RM - 110 mm
without operator

At $N < 30$ mm
LDH = RM - 80 mm
without operator



Distance back without operator
RM + 510 mm

Distance back with ProMatic and SupraMatic operator:
3200 mm with door height up to 2125 mm (track K)
3450 mm with door height up to 2375 mm (track M)

Note:
The clearance required for fitting the door must be free of obstructions, e.g. supply lines, heater fans, etc.

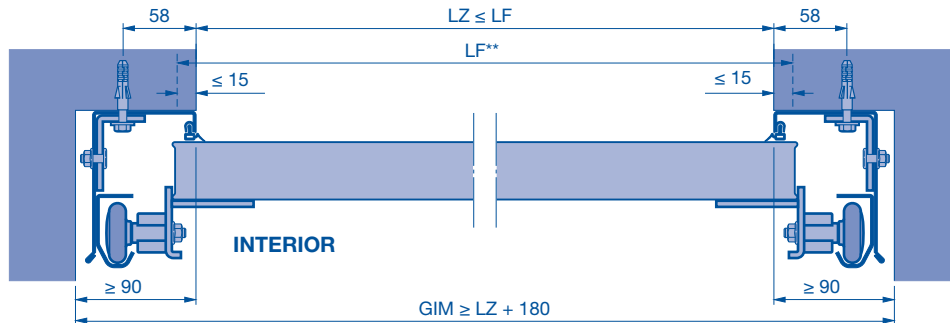
Note:

Please note that the Z Gear shown on this page is not available for supply on UK Doors, for Z Gear on UK Doors please refer to page 38

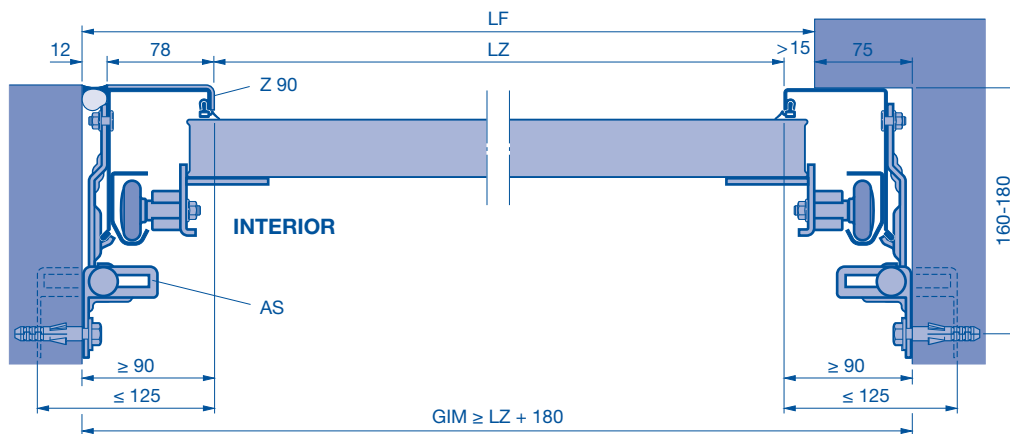
Sideroom

Track applications Z, N, L, H

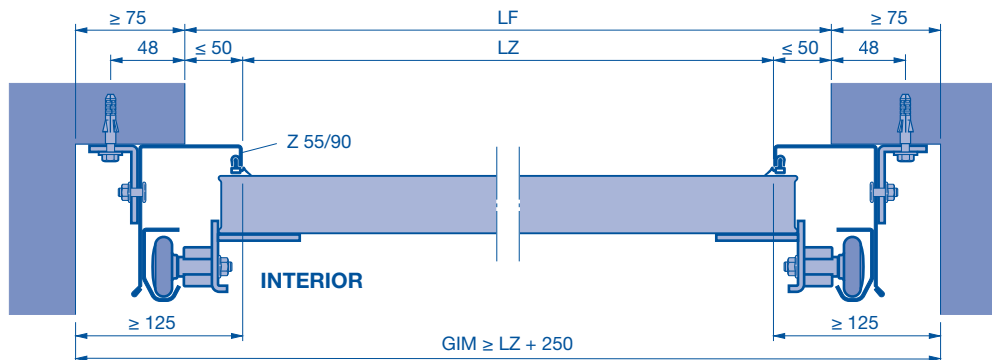
Normal fitting, sideroom 90 mm, fastening inside the frame



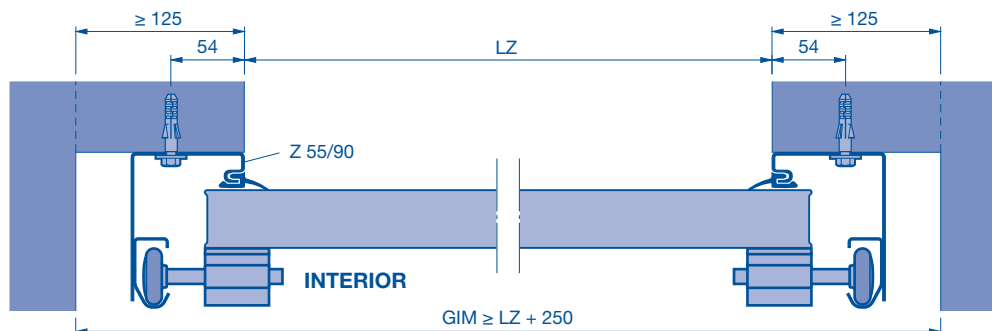
Sideroom less than 75 mm or without sideroom. Frame fixing using special anchor



Sideroom min. 75 mm, fixing outside the frame



Track applications N, ND, L as industry version (galvanized frame)

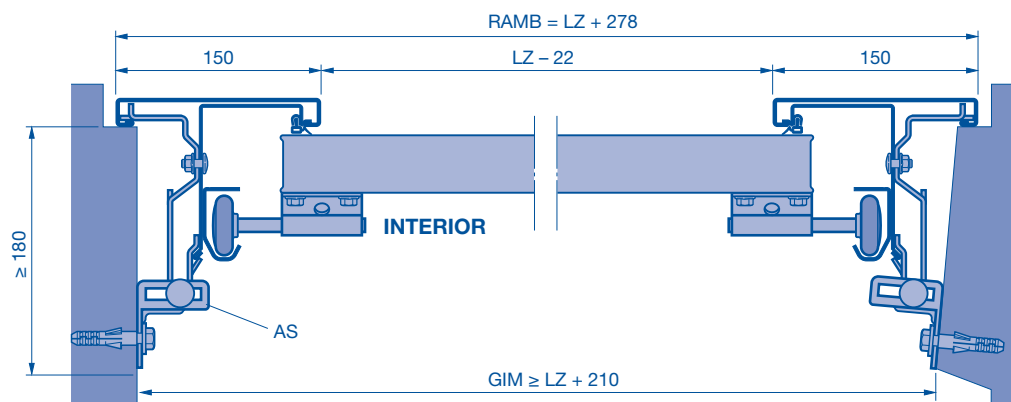


(See next page for the legend.)

Sideroom

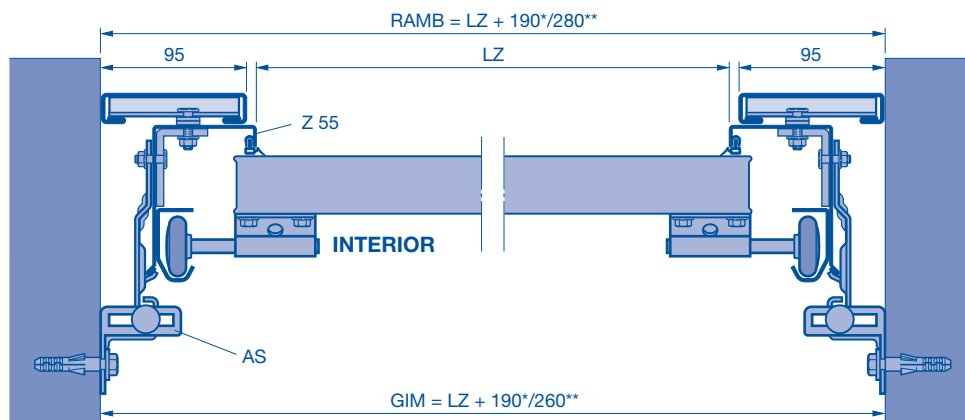
Fitting in front of the reveal

Fitting in front of the reveal



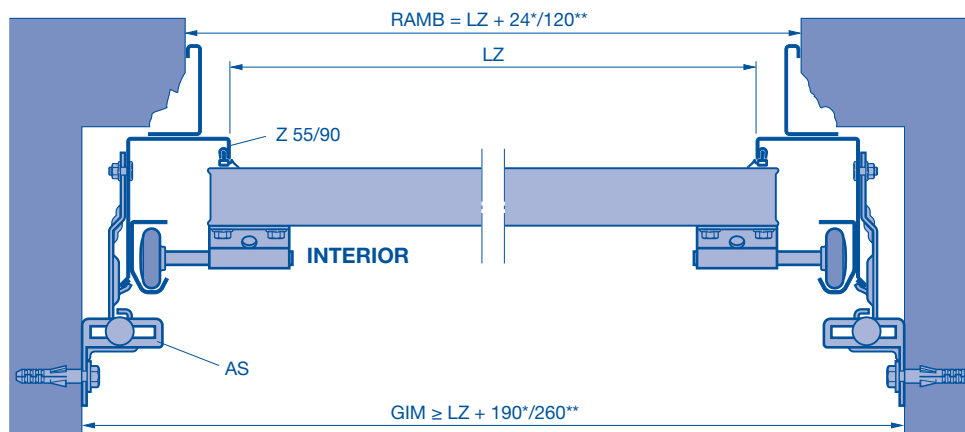
Fitting in the opening

Fascia frame -95-



Fitting behind the opening

Renovation fascia

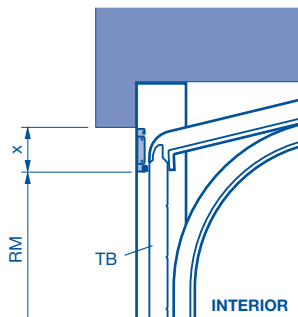


- | | | | |
|------|-------------------------|------|-------------------------------|
| * | Min. | Z 90 | Frame covering 90 |
| ** | Max. | AS | Special anchor |
| LZ | Clear frame dimensions | RAMB | Overall frame dimension width |
| LF | Structural opening | | |
| GIM | Inside garage dimension | | |
| Z 55 | Frame covering 55 | | |

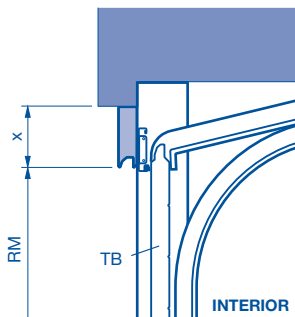
Lintel Fitting with Fascia Panels

LTE 40, EPU 40, LPU 40

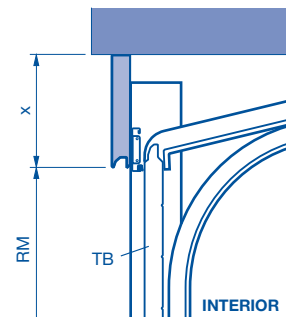
View A



View B



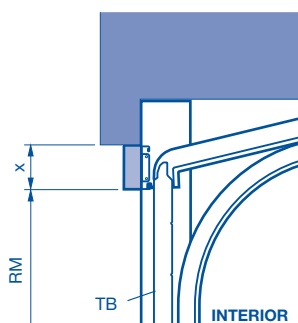
View C



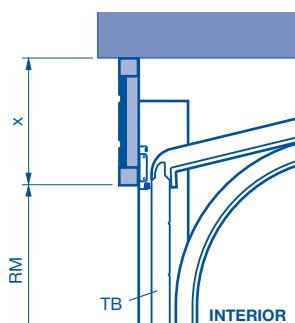
Track application	Fascia panel version	Dimension x		
		View A	View B	View C
Z, N and L	Steel fascia (in scope of delivery)	Up to 100 mm	-	-
	PU fascia, S/L-ribbed	-	100 – 562 mm	100 – 562 mm
	PU fascia, M-ribbed	-	250 – 562 mm	250 – 562 mm
	PU fascia, M-panelled	-	-	468, 475, 479, 488, 500, 520, 525, 531, 550, 562

LTH 40 (A steel fascia is included in the scope of delivery for LTH 40 doors!)

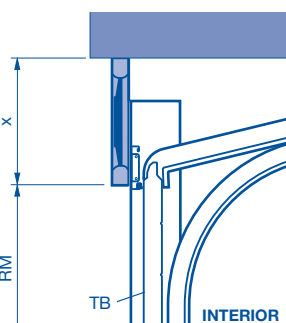
View A



View B



View C

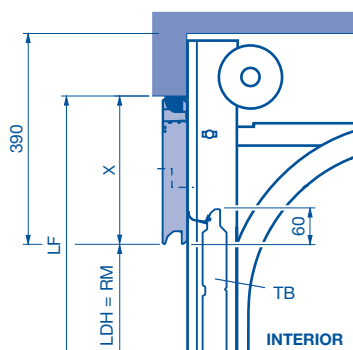


Track application	Fascia panel version	Dimension x		
		View A	View B	View C
N and L	Smooth timber fascia panel	31 – 290 mm	-	-
	Timber fascia panel, S-ribbed	-	146 – 562 mm	-
	Timber fascia panel, V-panelled	-	-	291 – 562 mm

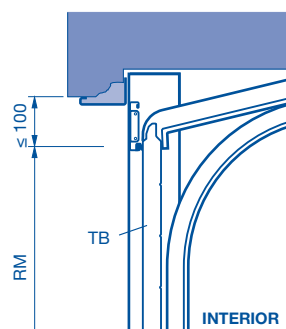
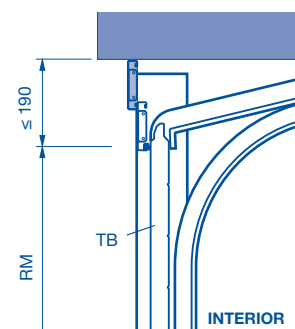
LTE 40, LPU 40

Renovation fascias

Fascia frame -95-



Angle section



Track applications N, ND, L as industry version (galvanized frame)	Dimension x
PU fascia, S/L-ribbed	100 – 562 mm
PU fascia, M-ribbed	250 – 562 mm
PU fascia, M-panelled	468, 475, 479, 488, 500, 520, 525, 531, 550, 562

Attention:

Observe the frame's plug and screw fitting points in the lintel area, since they are subject to an increased torque with track application N (torsion spring).

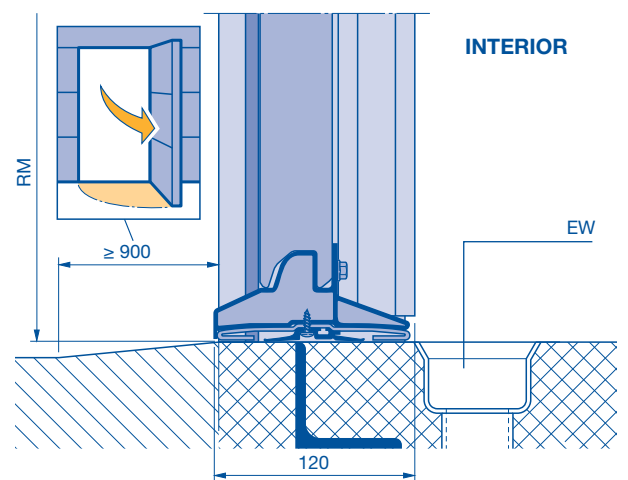
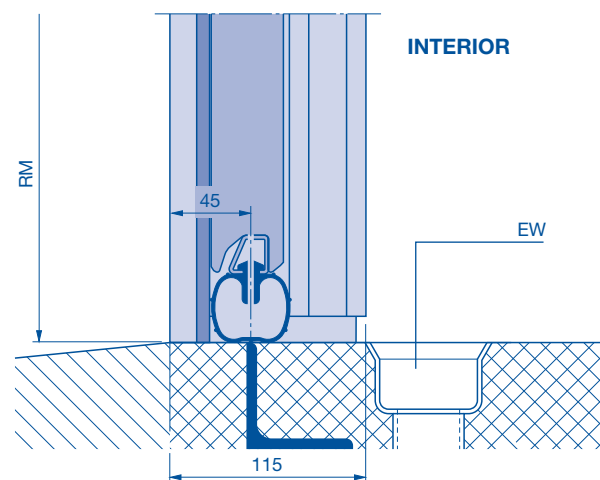
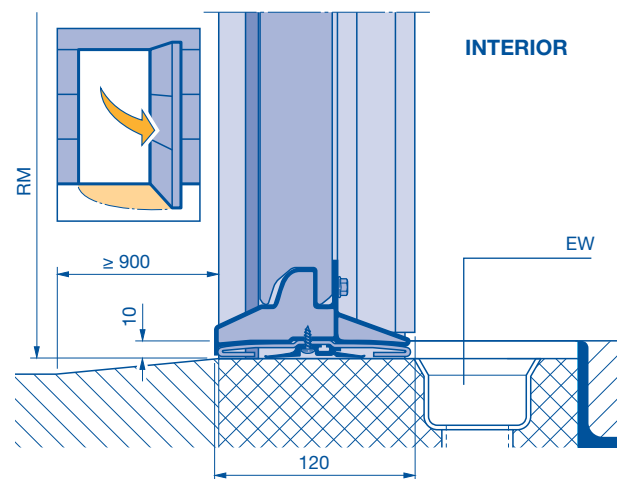
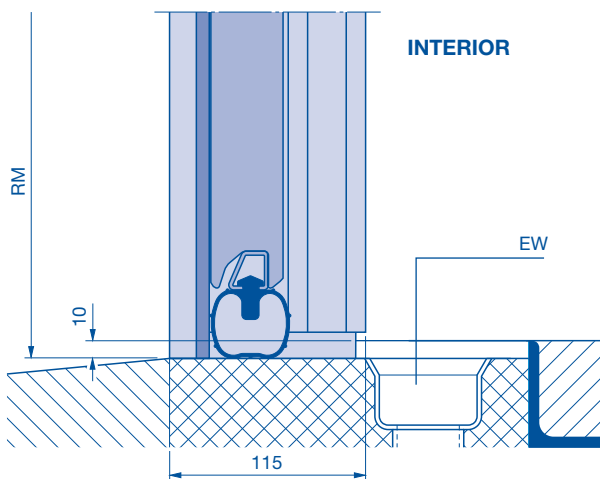
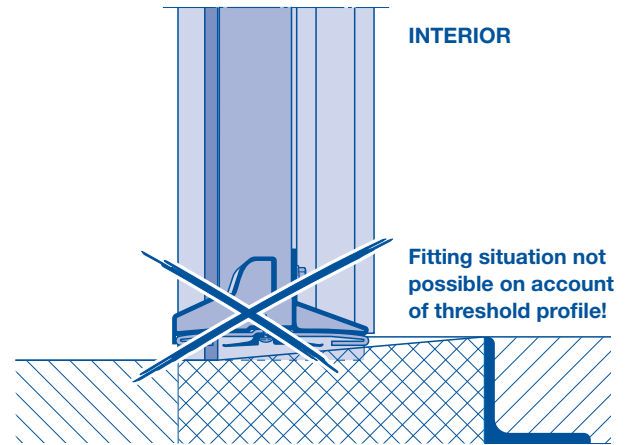
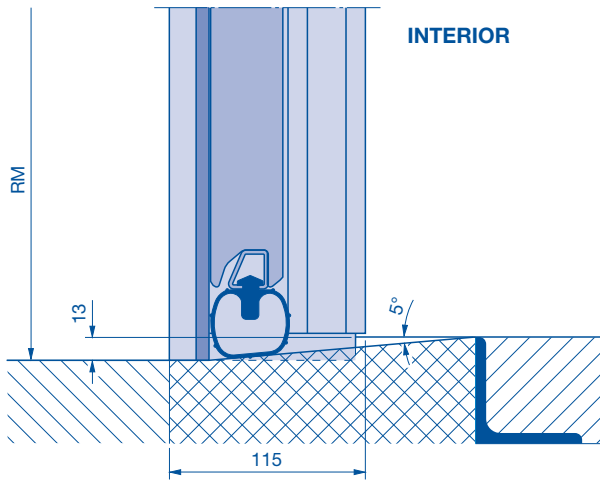
TB Door leaf
RM Grid height

LDH Clear passage height
LF Structural opening

Bottom Edge

Without wicket door

With wicket door



EW Drainage
RM Grid

Side Doors

With corner frame made of aluminium profiles

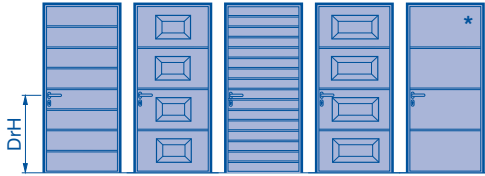
Standard sizes/special sizes

External views

(The illustrations correspond to the size of the structural opening for 1000 x 2125 mm. Deviations may occur with other door sizes.)

* Side door in style version (see page 24) only possible with profile type 1

Profile type 1 and 3



Profile type 2



Standard sizes

Profile type 1, only opening inwards, S, M, L-ribbed or S, M-panelled Fitting: internal fitting		
Ordering sizes = BRB	DrH from FFL	Spacing
875 x 2000	955	125/250
875 x 2125	1010	133/265
1000 x 2000	955	125/250
1000 x 2125	1010	133/265

Profile type 2 S, M, L-ribbed Fitting: internal or external fitting		
Ordering sizes = BRB	DrH from FFL	Spacing
875 x 2000	1050	125/250
875 x 2125	1050	133/265
1000 x 2000	1050	125/250
1000 x 2125	1050	133/265

Profile type 3 S, M, L-ribbed or S, M-panelled Fitting: external fitting		
Ordering sizes = BRB	DrH from FFL	Spacing
875 x 2000	955	125/250
875 x 2125	1010	133/265
1000 x 2000	955	125/250
1000 x 2125	1010	133/265

Special sizes

Profile type 1 or 3 S, M-panelled or door style Fitting: internal fitting for profile type 1, external fitting for profile type 3	
Ordering sizes = BRB	DrH from FFL
875 – 1250 x 2000 or 2125	935 – 1268
875 – 1250 x 2000, 2080, 2125, 2205 2250, 2375 or 2500	935 – 1268

Profile type 1, 2 or 3 S, M, L-ribbed Fitting: internal fitting for profile type 1, internal or external fitting for profile type 2, external fitting for profile type 3			
Ordering sizes = BRB	DrH from FFL		
	Profile type 1	Profile type 2	Profile type 3
875 – 1250 x 1875 – 2500	935 – 1268	1050	935 – 1268

Note with glazing type D:

Min. RAM width 980 mm and min. RAM height 2115 mm for glazing on upper door section.

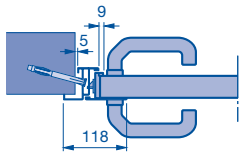
(See next page for the legend.)

Side Doors

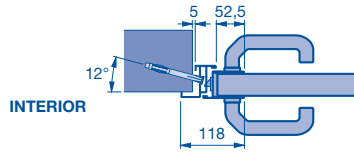
With corner frame made of aluminium profiles

Standard sizes/special sizes

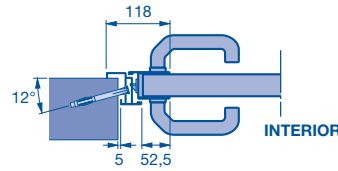
Profile type 1
(only opening inwards)



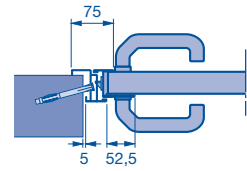
Profile type 2
(opening inwards)



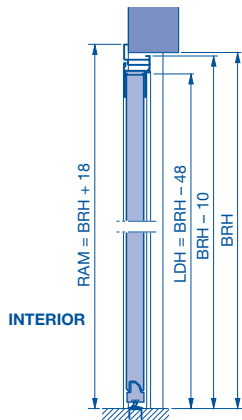
Profile type 2
(opening outwards)



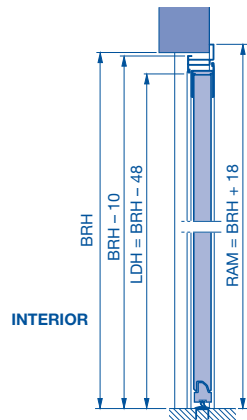
Profile type 3
(only opening outwards)



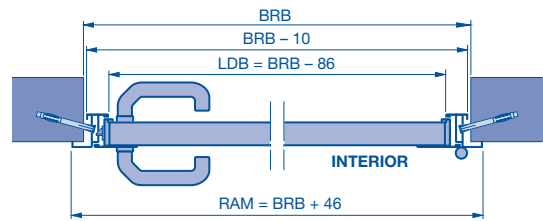
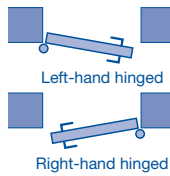
Internal fitting



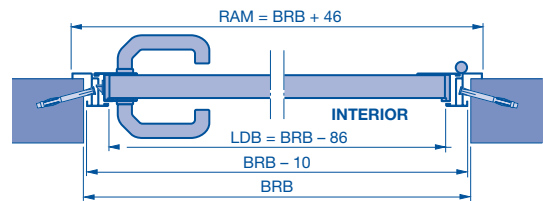
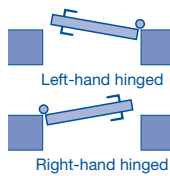
External fitting



Internal fitting (opening inwards), profile type 1 or 2



External fitting (opening outwards), profile type 2 or 3



LF Structural opening
LDH Clear passage height
LDB Clear passage width
RM Grid height
RAM Overall frame dimension

BRH Ordering dimension
BRB Ordering dimension
DrH Lever height

Side Doors

With block frame made of aluminium profiles

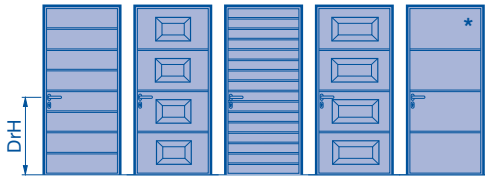
Standard sizes

External views

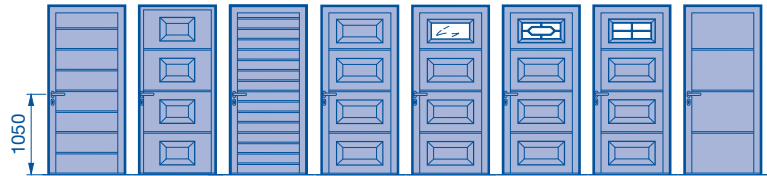
(The illustrations correspond to the size of the structural opening for 1000 x 2125 mm. Deviations may occur with other door sizes.)

* Side door in style version (see page 24) only possible with profile type 1

Profile type 1



Profile type 2



Standard sizes (profile type 1, only opening inwards)

Profile type 1 (fitting behind the opening) S, M, L-ribbed, S, M-panelled			
LF of the opening	Ordering sizes = RAM	DrH from FFL	Spacing
855-875 x 1990-2000	990 x 2058	955	125/250
855-875 x 2115-2125	990 x 2183	1010	133/265
980-1000 x 1990-2000	1115 x 2058	955	125/250
980-1000 x 2115-2125	1115 x 2183	1010	133/265

Profile type 2 (fitting behind the opening) S, M, L-ribbed, S, M-panelled			
LF of the opening	Ordering sizes = RAM	DrH from FFL	Spacing
855-875 x 1990-2000	990 x 2058	1050	125/250
855-875 x 2115-2125	990 x 2183	1050	133/265
980-1000 x 1990-2000	1115 x 2058	1050	125/250
980-1000 x 2115-2125	1115 x 2183	1050	133/265

Profile type 2 (fitting in the opening) S, M, L-ribbed			
LF of the opening	Ordering sizes = RAM	DrH from FFL	Spacing
875 x 2000	855 x 1990	1050	125/250
875 x 2125	855 x 2115	1050	133/265
1000 x 2000	980 x 1990	1050	125/250
1000 x 2125	980 x 2115	1050	133/265

Note with glazing type D: Min. RAM width 980 mm and min. RAM height 2115 mm for glazing on the upper door section.

(See next page for the legend.)

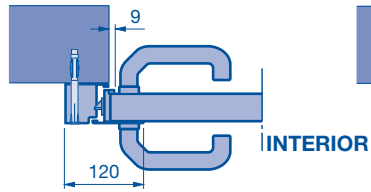
Side Doors

With block frame made of aluminium profiles

Standard sizes

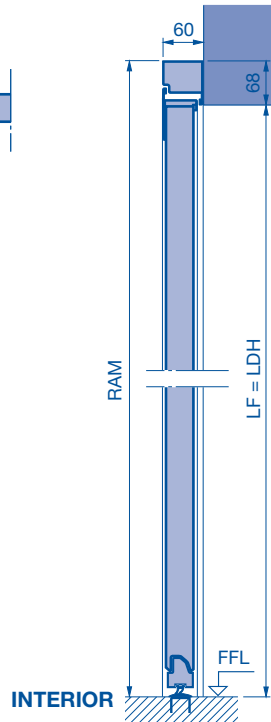
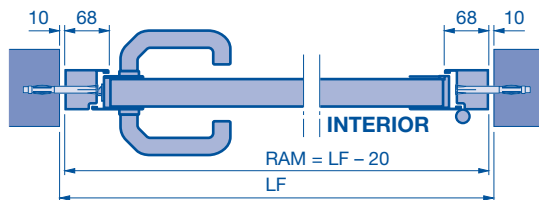
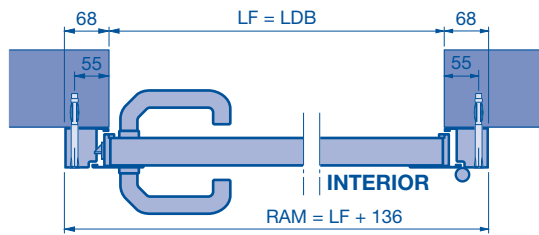
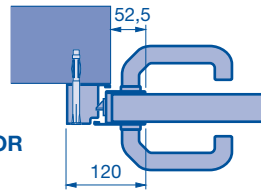
Profile type 1

Narrow leaf frame

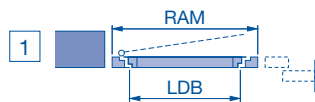


Profile type 2

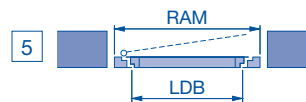
Wide leaf frame



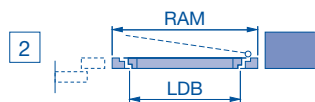
Fitting arrangements



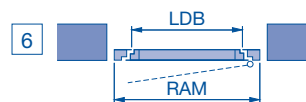
Fitting next to the garage door, opening outwards, right-hand hinged



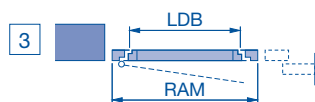
Fitting in the opening, opening outwards, right or left-hand hinged



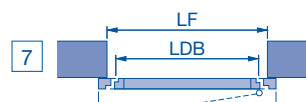
Fitting next to the garage door, opening outwards left-hand hinged



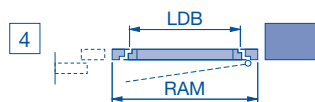
Fitting in the opening, opening inwards, right or left-hand hinged



Fitting next to the garage door, opening inwards, left-hand hinged



Fitting behind the opening, only opening inwards, right or left-hand hinged



Fitting next to the garage door, opening inwards, right-hand hinged

INTERIOR

LF Structural opening
LDH Clear passage height
LDB Clear passage width
RAM Overall frame dimension

DrH Lever height

Side Doors

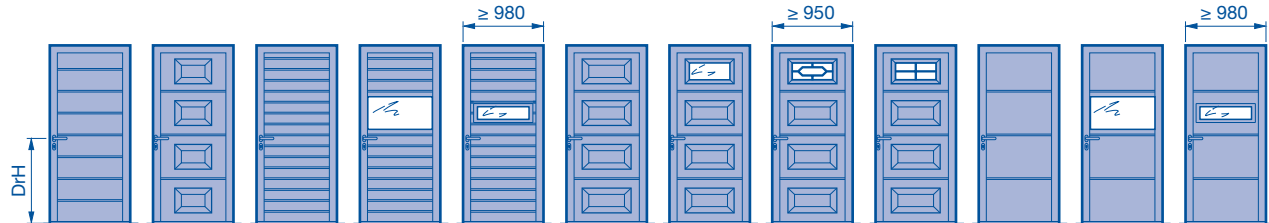
With block frame made of aluminium profiles

Special sizes

External views

(The illustrations correspond to the size of the structural opening for 1000 x 2125 mm. Deviations may occur with other door sizes.)

Profile type 2



Special sizes (profile type 1, only opening inwards)

Profile type 1 (fitted in or behind the opening) S, M, L-ribbed	
Ordering sizes = RAM	DrH
855 – 1250 x 1990 – 2300	935 – 1268
855 – 1300 x 1990 – 2558	935 – 1268

Profile type 2 (fitted in or behind the opening) S, M, L-ribbed	
Ordering sizes = RAM	DrH
855 – 1250 x 1933 – 2300	1050
855 – 1300 x 1933 – 2558	1050

Profile type 1 (fitting only behind the opening) S, M-panelled or door style	
Ordering sizes = RAM	DrH
950 – 1250 x 2058 or 2183	935 – 1268
950 – 1300 x 2013, 2058, 2138, 2183, 2263, 2308, 2433 or 2558	935 – 1268

Profile type 2 (fitting only behind the opening; fitting in the opening, opening outwards available on request) S and M-panelled	
Ordering sizes = RAM	DrH
950 – 1250 x 2058 or 2183	1050
950 – 1300 x 1943, 2013, 2058, 2138, 2183, 2263, 2308, 2443 or 2558	1050

Note with glazing type D: Min. RAM width 980 mm and min. RAM height 2115 mm for glazing on the upper door section.

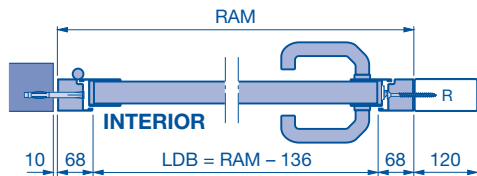
(See next page for the legend.)

Side Doors

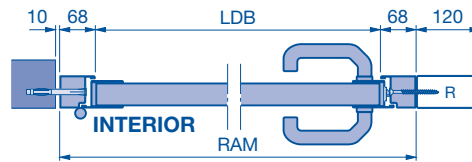
With block frame made of aluminium profiles

Special sizes

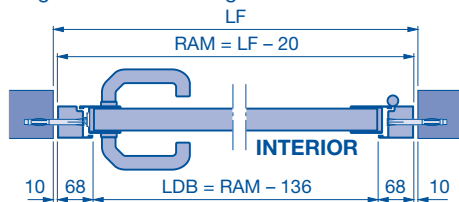
Fitting next to the garage door, opening outwards, right-hand hinged or left-hand hinged



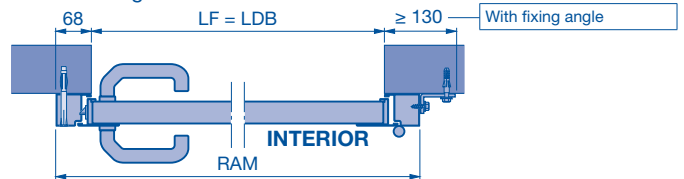
Fitting next to the garage door, opening inwards, right-hand hinged or left-hand hinged



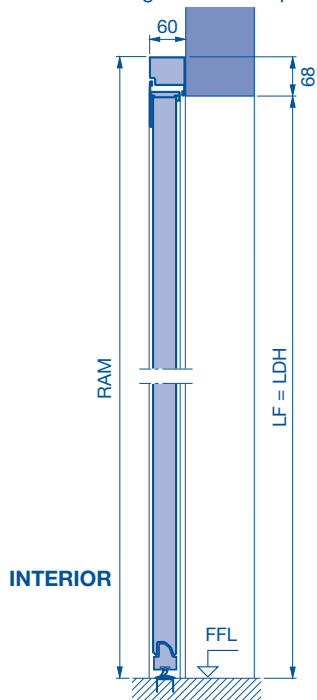
Fitting in the opening, opening inwards or outwards, right-hand hinged or left-hand hinged



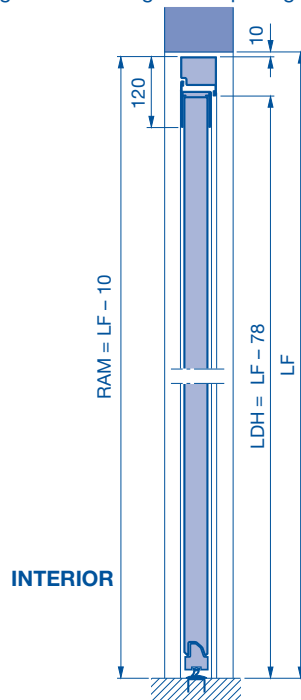
Fitting behind the opening, opening inwards, right-hand hinged or left-hand hinged



Fitting behind the opening



Fitting in the opening



R	Tube
LF	Structural opening
LDH	Clear passage height
LDB	Clear passage width

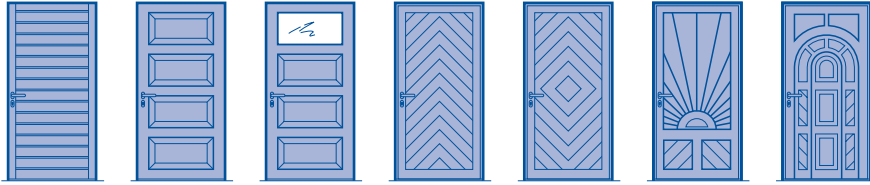
RAM	Overall frame dimension
DrH	Lever height

Timber Side Doors

Standard/special sizes

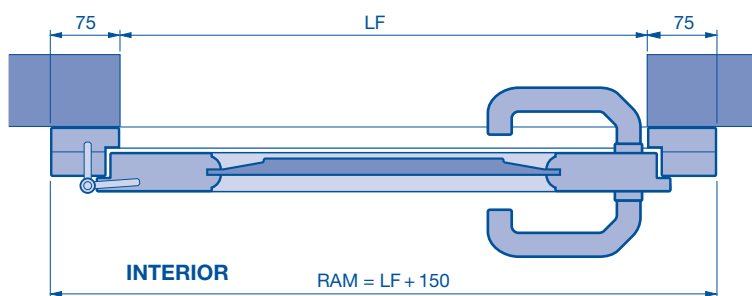
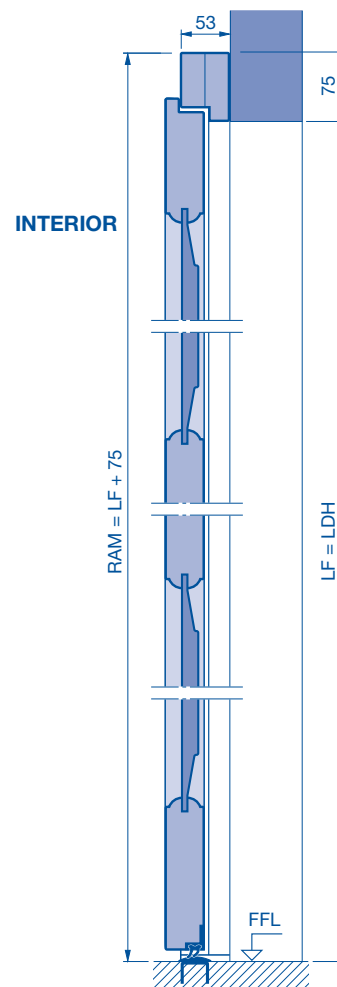
External views

(The illustrations correspond to the size of the structural opening for 1000 x 2125 mm. Deviations may occur with other door sizes.)



S-ribbed or V-panelled version			
Structural opening	Ordering sizes = RAM	Lever height from FFL	Spacing
Standard sizes			
855–875 x 2115–2125	1005–2190	1050	133
980–1000 x 2115–2125	1130–2190	1050	133
Special sizes			
	990–1250 x 1940–2315	1050	

Style version		
Structural opening	Ordering sizes = RAM	Lever height from FFL
Standard sizes		
980–1000 x 2115–2125	1130–2190	1050
Special sizes		
	1130–1250 x 1940–2315	1050

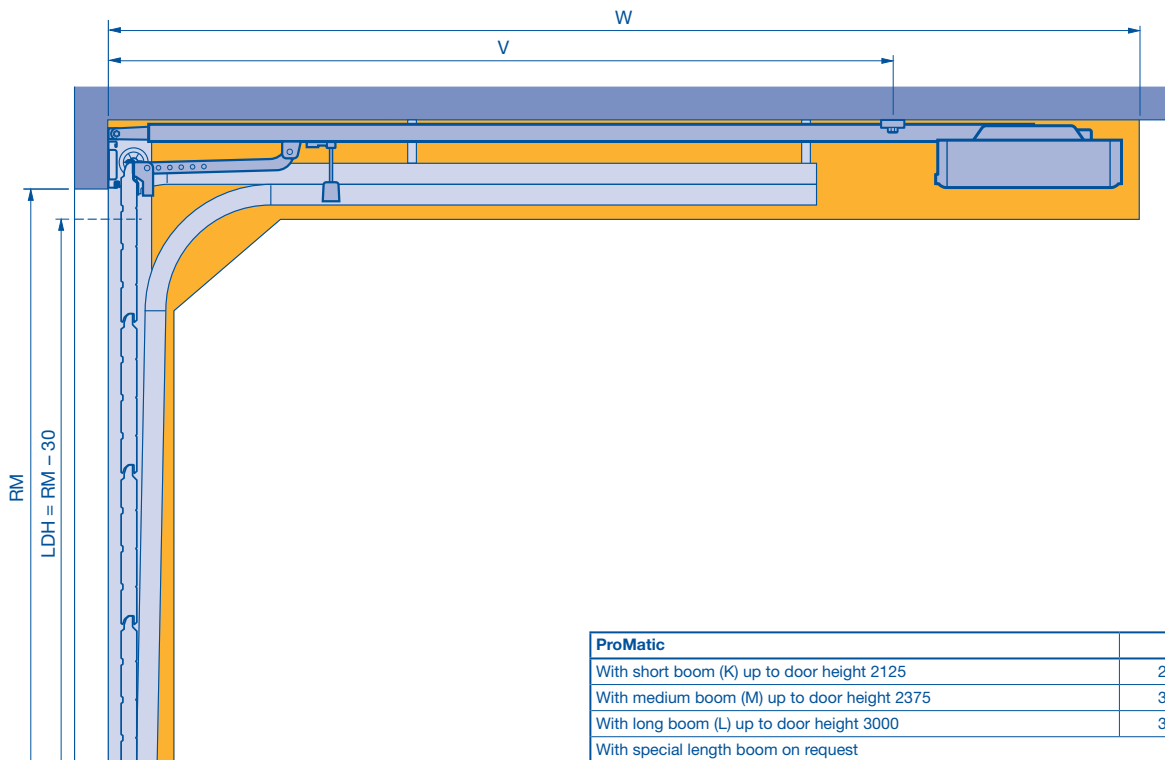


- LF** Structural opening
- LDH** Clear passage height
- RAM** Overall frame dimensions

Garage Door Operators

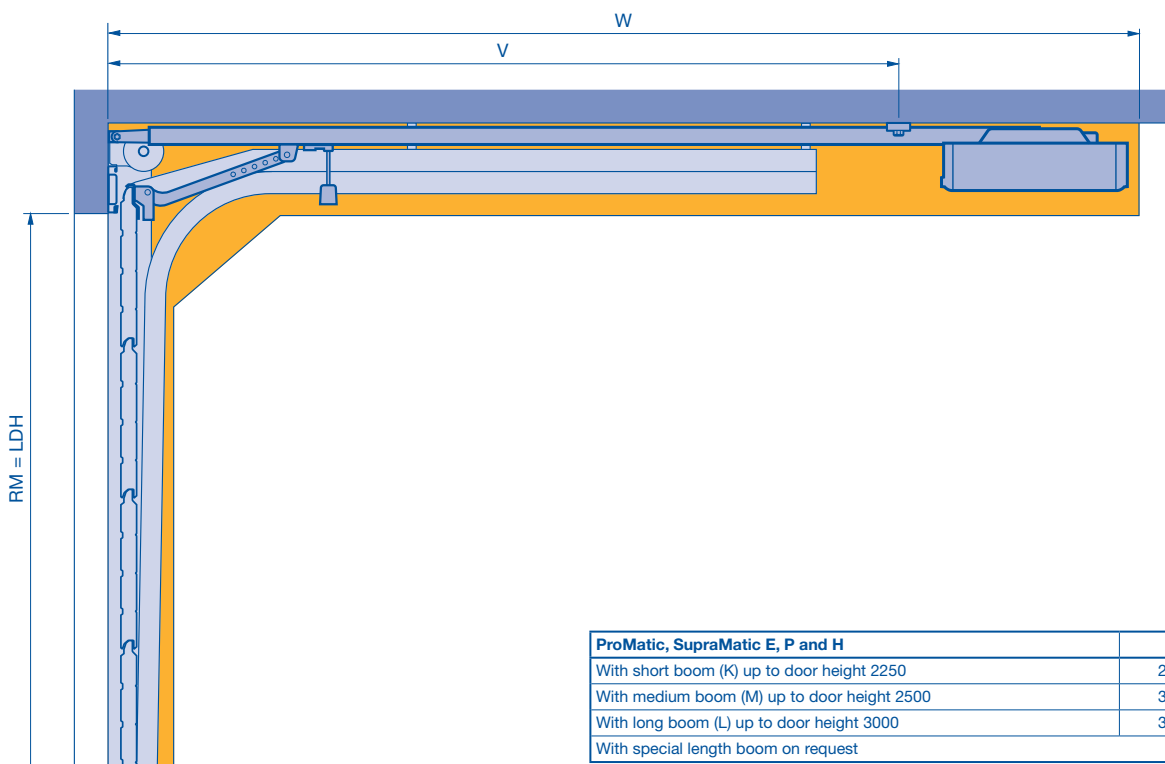
ProMatic, SupraMatic E, P, H

Track application Z



ProMatic	V	W
With short boom (K) up to door height 2125	2775	3200
With medium boom (M) up to door height 2375	3025	3450
With long boom (L) up to door height 3000	3700	4125
With special length boom on request		

Track application N



ProMatic, SupraMatic E, P and H	V	W
With short boom (K) up to door height 2250	2775	3200
With medium boom (M) up to door height 2500	3025	3450
With long boom (L) up to door height 3000	3700	4125
With special length boom on request		

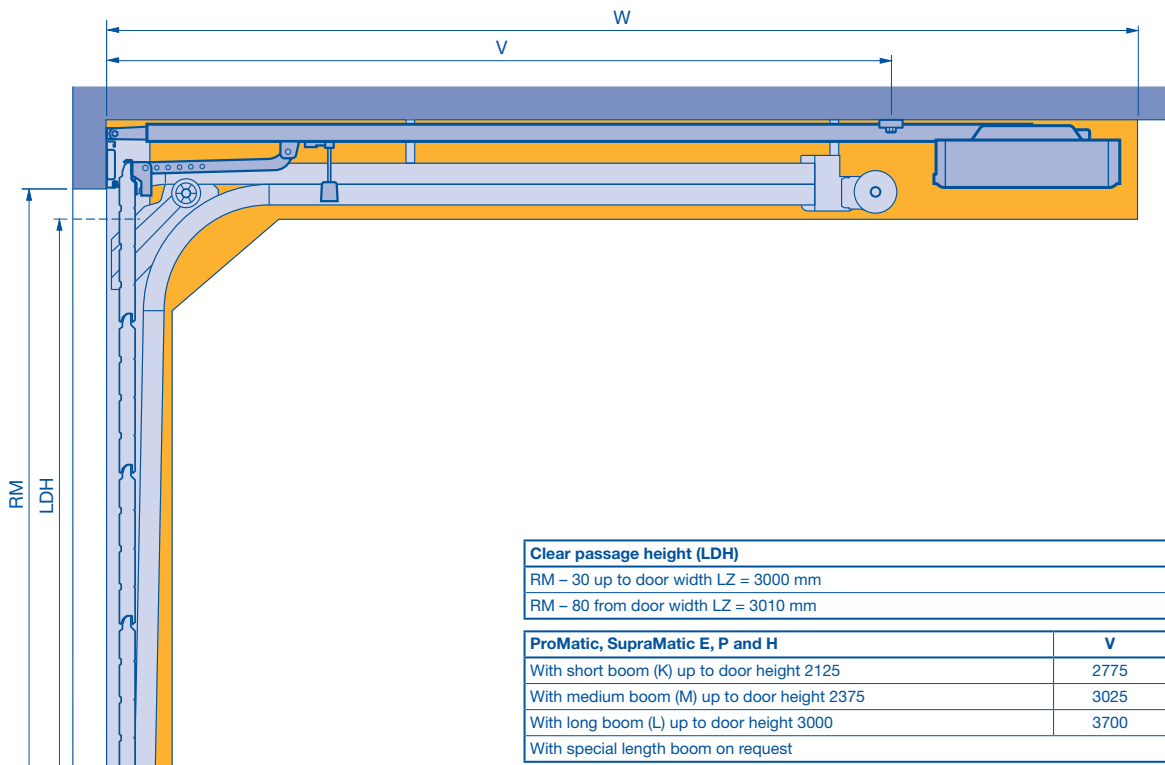
For further details, refer to the ProMatic and SupraMatic E/P/H fitting and operating instructions.

RM Grid height
LDH Clear passage height

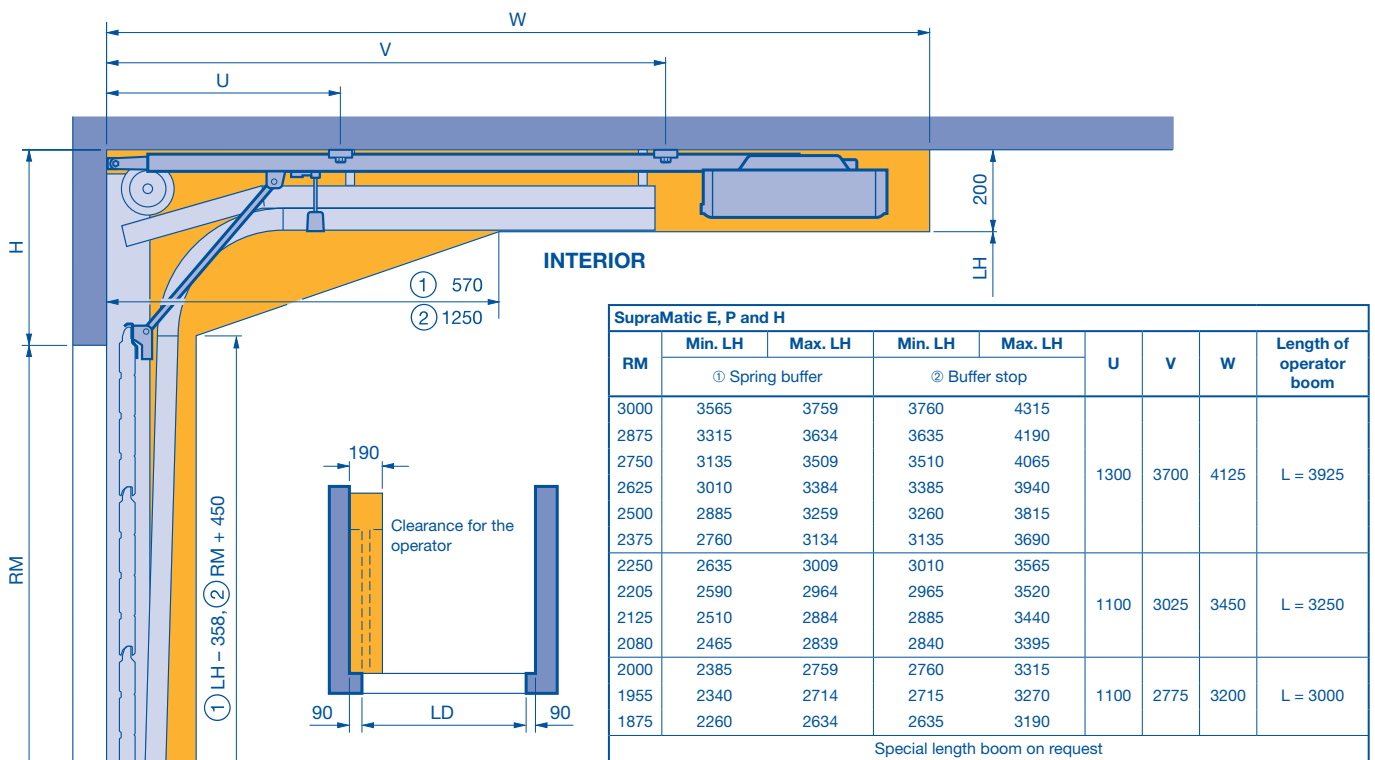
Garage Door Operators

ProMatic, SupraMatic E, P, H

Track application L



Track application H



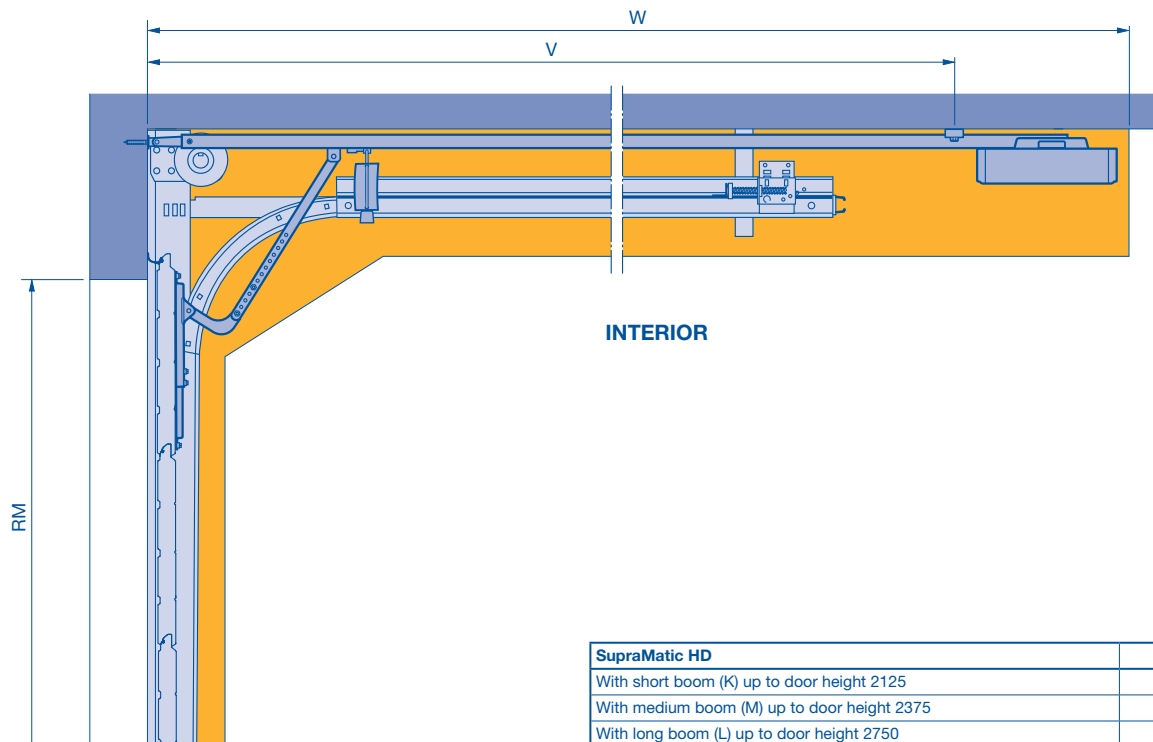
For further details, refer to the ProMatic and SupraMatic E/P/H fitting and operating instructions.

RM Grid height
LDH Clear passage height

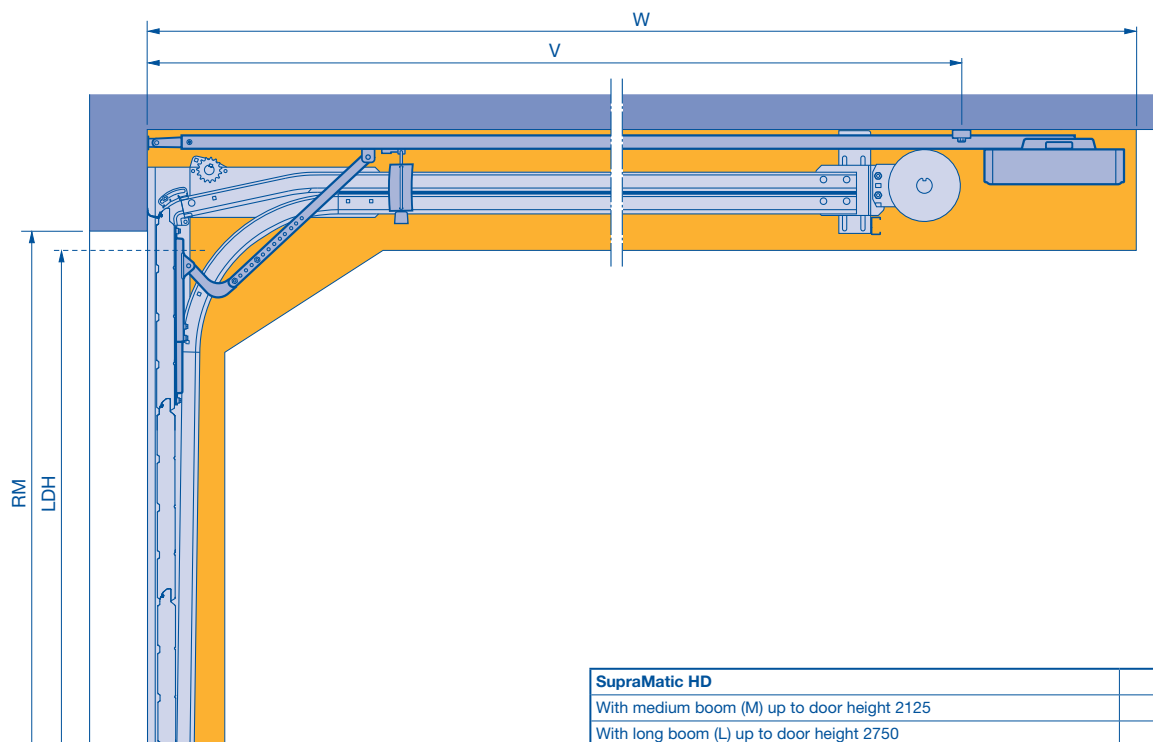
Garage Door Operators

SupraMatic HD

Track application N as industry version (galvanized frame)



Track application L as industry version (galvanized frame)



For further details, refer to the SupraMatic HD fitting and operating instructions.

RM Grid height
LDH Clear passage height

Notes



Hörmann: Quality without Compromise



Hörmann KG Amshausen



Hörmann KG Antriebstechnik



Hörmann KG Brandis



Hörmann KG Brockhagen



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GARAGE DOORS

OPERATORS

INDUSTRIAL DOORS

LOADING EQUIPMENT

HINGED DOORS

DOOR FRAMES

