

// LPU 40 Now with Tension Spring Technology



# Sectional Garage Doors

Technical Manual: Issue 1.3.2006



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This manual provides details of door leaf constructions and track applications as well as fitting examples.

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

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All dimensions in mm.

Subject to design modifications.

# Sectional Door LTE 40

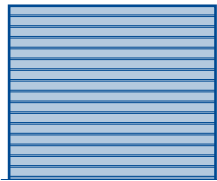
## Single-Skinned Steel Sections

### S-Ribbed

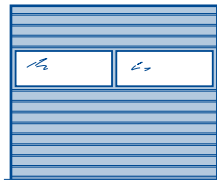
### Woodgrain

- Door leaf:**
- Single-skinned door sections, Woodgrain embossed
  - Equal-height door sections, horizontally ribbed, in hot galvanized sheet steel
  - Surface with polyester primer coating
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

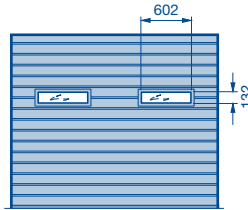
#### External views



Basic model



with aluminium frame



with glazing type D

The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.

#### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	117	2430
2250 x 2000	4	500	125	2430
2250 x 2125	4	531	133	2430
2375 x 1875	4	468	117	2555
2375 x 2000	4	500	125	2555
2375 x 2125	4	531	133	2555
2375 x 2250	4	562	141	2555
2500 x 1875	4	468	117	2680
2500 x 2000	4	500	125	2680
2500 x 2125	4	531	133	2680
2500 x 2250	4	562	141	2680
2500 x 2375	5	475	119	2680
2500 x 2500	5	500	125	2680
2500 x 2750	5	550	138	2680
2625 x 2125	4	531	133	2805
2750 x 2000	4	500	125	2930
2750 x 2125	4	531	133	2930
2750 x 2250	4	562	141	2930
2750 x 2375	5	475	119	2930
2750 x 2500	5	500	125	2930
2750 x 2750	5	550	138	2930
3000 x 2000	4	500	125	3180
3000 x 2125	4	531	133	3180
3000 x 2250	4	562	141	3180
3000 x 2375	5	475	119	3180
3000 x 2500	5	500	125	3180
3000 x 3000	6	500	125	3180
3250 x 2000	4	500	125	3430
3250 x 2125	4	531	133	3430
3250 x 2250	4	562	141	3430
3500 x 2000	4	500	125	3680
3500 x 2125	4	531	133	3680
3500 x 2250	4	562	141	3680

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	125	3930
3750 x 2125	4	531	133	3930
3750 x 2250	4	562	141	3930
4000 x 2000	4	500	125	4180
4000 x 2125	4	531	133	4180
4000 x 2250	4	562	141	4180
4250 x 2000	4	500	125	4430
4250 x 2125	4	531	133	4430
4250 x 2250	4	562	141	4430
4500 x 2000	4	500	125	4680
4500 x 2125	4	531	133	4680
4500 x 2250	4	562	141	4680
4750 x 2000	4	500	125	4930
4750 x 2125	4	531	133	4930
4750 x 2250	4	562	141	4930
5000 x 2000	4	500	125	5180
5000 x 2125	4	531	133	5180
5000 x 2250	4	562	141	5180

#### Renovation sizes

2190 x 1955	4	488	122	2370
2190 x 2080	4	520	130	2370
2315 x 1955	4	488	122	2495
2315 x 2080	4	520	130	2495
2315 x 2205	4	550	138	2495
2440 x 1955	4	488	122	2620
2440 x 2080	4	520	130	2620
2440 x 2205	4	550	138	2620
2940 x 2080	4	520	130	3120

For ceiling height and clear passage see track applications (pages 26 and 27).

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights are not possible.

Ordering height RM	No. of door sections										Door section height	Rib spacing	
	2	3	4	5	6	7	8	9	10	11			
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
2125											4	531	133
2000											4	500	125
1875											4	468	117

Number of window panes across per section											
2	3	4	5	6	7	8	9	10	11	12	
2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000

from 2000      Width (LDB)      to 5000

LDB = Clear passage width  
 RM = Ordering height  
 ■ = doors up to 3000 x 2625 mm with tension spring technology

#### Ventilation

Ventilation slots in bottom door section, ventilation area 65 cm<sup>2</sup> per m door width

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

Aluminium frame with expanded wire-mesh  
Ventilation area 58%

#### Glazing options

Aluminium frame (standard profile NF)

Glazing Type D, 3 mm

# Sectional Door LTE 40

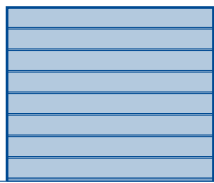
## Single-Skinned Steel Sections

### M-Ribbed

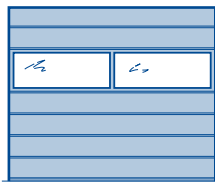
### Woodgrain

- Door leaf:**
- Single-skinned door sections, Woodgrain embossed
  - Equal-height door sections, horizontally ribbed, in hot galvanized sheet steel
  - Surface with polyester primer coating.
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

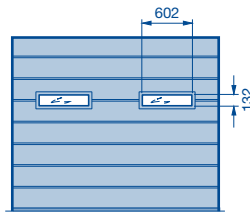
#### External views



Basic model



with aluminium frame



with glazing type D

The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.

#### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	234	2430
2250 x 2000	4	500	250	2430
2250 x 2125	4	531	265	2430
2375 x 1875	4	468	234	2555
2375 x 2000	4	500	250	2555
2375 x 2125	4	531	265	2555
2375 x 2250	4	562	281	2555
2500 x 1875	4	468	234	2680
2500 x 2000	4	500	250	2680
2500 x 2125	4	531	265	2680
2500 x 2250	4	562	281	2680
2500 x 2375	5	475	237	2680
2500 x 2500	5	500	250	2680
2500 x 2750	5	550	275	2680
2625 x 2125	4	531	265	2805
2750 x 2000	4	500	250	2930
2750 x 2125	4	531	265	2930
2750 x 2250	4	562	281	2930
2750 x 2375	5	475	237	2930
2750 x 2500	5	500	250	2930
2750 x 2750	5	550	275	2930
3000 x 2000	4	500	250	3180
3000 x 2125	4	531	265	3180
3000 x 2250	4	562	281	3180
3000 x 2375	5	475	237	3180
3000 x 2500	5	500	250	3180
3000 x 3000	6	500	250	3180

#### Renovation sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
2190 x 1955	4	488	244	2370
2190 x 2080	4	520	260	2370
2315 x 1955	4	488	244	2495
2315 x 2080	4	520	260	2495
2315 x 2205	4	550	275	2495
2440 x 1955	4	488	244	2620
2440 x 2080	4	520	260	2620
2440 x 2205	4	550	275	2620
2940 x 2080	4	520	260	3120

For ceiling height and clear passage see track applications (pages 26 and 27).

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights are not possible.

Ordering height RM	No. of door sections				Door section height				Rib spacing				
	2	3	4	5	500	475	525	500	250	239	275	262	250
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
2125					4				531				265
2000					4				500				250
1875					4				468				234

Number of window panes across per section

from 2000 → 2250 2500 2750 3000 3250 3500 3750 4000 4250 4500 4750 5000

Width (LDB)

LDB = Clear passage width  
RM = Ordering height  
■ = doors up to 3000 x 2625 mm with tension spring technology

#### Ventilation

Ventilation slots in bottom door section, ventilation area 65 cm<sup>2</sup> per m door width

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

Aluminium frame with expanded wire-mesh  
Ventilation area 58%

#### Glazing options

Aluminium frame (standard profile NF)

Glazing Type D, 3 mm

# Sectional Door LTE 40

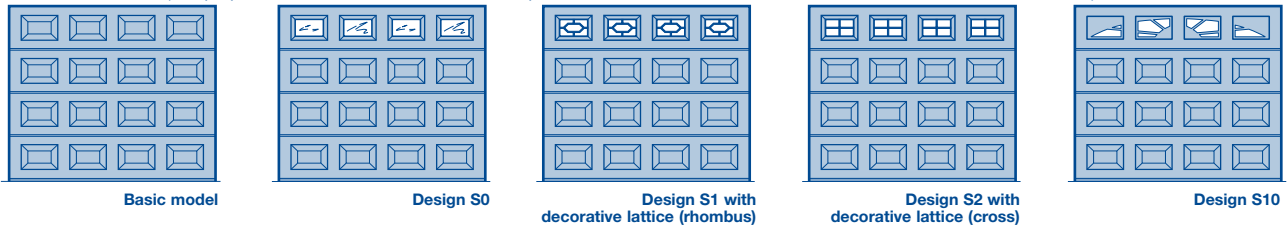
## Single-Skinned Steel Sections

### S-Panelled

### Woodgrain

- Door leaf:**
- Single-skinned door sections, Woodgrain embossed
  - Equal-height door sections, panelled, in hot galvanized sheet steel
  - Surface with polyester primer coating.
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

**External views** (The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.)



#### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	2430
2250 x 2000	4	500	2430
2250 x 2125	4	531	2430
2375 x 1875	4	468	2555
2375 x 2000	4	500	2555
2375 x 2125	4	531	2555
2375 x 2250	4	562	2555
2500 x 1875	4	468	2680
2500 x 2000	4	500	2680
2500 x 2125	4	531	2680
2500 x 2250	4	562	2680
2500 x 2375	5	475	2680
2500 x 2500	5	500	2680
2500 x 2750	5	550	2680
2625 x 2125	4	531	2805
2750 x 2000	4	500	2930
2750 x 2125	4	531	2930
2750 x 2250	4	562	2930
2750 x 2375	5	475	2930
2750 x 2500	5	500	2930
2750 x 2750	5	550	2930
3000 x 2000	4	500	3180
3000 x 2125	4	531	3180
3000 x 2250	4	562	3180
3000 x 2375	5	475	3180
3000 x 2500	5	500	3180
3000 x 3000	6	500	3180

#### Renovation sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
2190 x 1955	4	488	2370
2190 x 2080	4	520	2370
2315 x 1955	4	488	2495
2315 x 2080	4	520	2495
2315 x 2205	4	550	2495
2440 x 1955	4	488	2620
2440 x 2080	4	520	2620
2440 x 2205	4	550	2620
2940 x 2080	4	520	3120

For ceiling height and clear passage see track applications (pages 26 and 27).

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights are not possible.

Ordering height RM	No. of door sections		Door section height	
	3	4	5	
3000				500
2875				479
2750				550
2625				525
2500				500
2375				475
2250				562
2125				531
2000				500
1875				468

Width (LDB)	No. of panels per door section
up to 2070	3
up to 2740	4
from 2000	5

LDB = Clear passage width  
 RM = Ordering height  
 ■ = doors up to 3000 x 2625 mm with tension spring technology

#### Ventilation

Ventilation slots in bottom door section, ventilation area 65 cm<sup>2</sup> per m door width

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

#### Glazing options - panel windows

Panes, clear or crystal structure, 3 mm

Design S0, S1, S2

Design S10, S20 (see p. 21)

# Sectional Door LTE 40

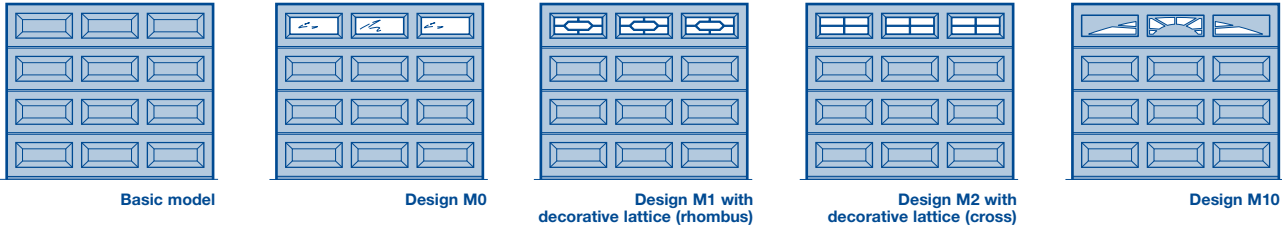
## Single-Skinned Steel Sections

### M-Panelled

### Woodgrain

- Door leaf:**
- Single-skinned door sections, Woodgrain embossed
  - Equal-height door sections, panelled, in hot galvanized sheet steel
  - Surface with polyester primer coating.
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

**External views** (The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.)



### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	2430
2250 x 2000	4	500	2430
2250 x 2125	4	531	2430
2375 x 1875	4	468	2555
2375 x 2000	4	500	2555
2375 x 2125	4	531	2555
2375 x 2250	4	562	2555
2500 x 1875	4	468	2680
2500 x 2000	4	500	2680
2500 x 2125	4	531	2680
2500 x 2250	4	562	2680
2500 x 2375	5	475	2680
2500 x 2500	5	500	2680
2500 x 2750	5	550	2680
2625 x 2125	4	531	2805
2750 x 2000	4	500	2930
2750 x 2125	4	531	2930
2750 x 2250	4	562	2930
2750 x 2375	5	475	2930
2750 x 2500	5	500	2930
2750 x 2750	5	550	2930
3000 x 2000	4	500	3180
3000 x 2125	4	531	3180
3000 x 2250	4	562	3180
3000 x 2375	5	475	3180
3000 x 2500	5	500	3180
3000 x 3000	6	500	3180
3250 x 2000	4	500	3430
3250 x 2125	4	531	3430
3250 x 2250	4	562	3430
3500 x 2000	4	500	3680
3500 x 2125	4	531	3680
3500 x 2250	4	562	3680

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	3930
3750 x 2125	4	531	3930
3750 x 2250	4	562	3930
4000 x 2000	4	500	4180
4000 x 2125	4	531	4180
4000 x 2250	4	562	4180
4250 x 2000	4	500	4430
4250 x 2125	4	531	4430
4250 x 2250	4	562	4430
4500 x 2000	4	500	4680
4500 x 2125	4	531	4680
4500 x 2250	4	562	4680
4750 x 2000	4	500	4930
4750 x 2125	4	531	4930
4750 x 2250	4	562	4930
5000 x 2000	4	500	5180
5000 x 2125	4	531	5180
5000 x 2250	4	562	5180

### Renovation sizes

2190 x 1955	4	488	2370
2190 x 2080	4	520	2370
2315 x 1955	4	488	2495
2315 x 2080	4	520	2495
2315 x 2205	4	550	2495
2440 x 1955	4	488	2620
2440 x 2080	4	520	2620
2440 x 2205	4	550	2620
2940 x 2080	4	520	3120

For ceiling height and clear passage see track applications (pages 26 and 27).

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights are not possible.

Ordering height RM	No. of door sections						Door section height											
	2	3	4	5	6		500	479	550	525	500	475	562	531	500	468		
3000																		
2875																		
2750																		
2625																		
2500																		
2375																		
2250																		
2125																		
2000																		
1875																		
	up to 2240	up to 2970	up to 3690	up to 4420	up to 5000		Number of panels per section											
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	LDB = Clear passage width					
	from 2000						Width (LDB)						RM = Ordering height					
													= doors up to 3000 x 2625 mm with tension spring technology					

### Ventilation

Ventilation slots in bottom door section, ventilation area 65 cm<sup>2</sup> per m door width

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

### Glazing options - Panel windows

Panels, clear or crystal structure, 3 mm

Design M0, M1, M2 | Design M10, M20, M30, M40, M50 (see p. 21)



# Sectional Door EPU 40

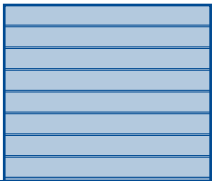
## Double-Skinned Steel Sections

### M-Ribbed

### Silkgrain®

- Door leaf:**
- Double-skinned, PU foam insulated door sections 42/20, outside Silkgrain® embossed, inside stucco embossed.
  - Equal-height door sections, horizontally ribbed, in hot galvanized sheet steel
  - Surface with polyester primer coating.
  - For further details refer to the current product brochure.

#### External views



Basic model

The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.

#### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	234	2430
2250 x 2000	4	500	250	2430
2250 x 2125	4	531	265	2430
2375 x 1875	4	468	234	2555
2375 x 2000	4	500	250	2555
2375 x 2125	4	531	265	2555
2375 x 2250	4	562	281	2555
2500 x 1875	4	468	234	2680
2500 x 2000	4	500	250	2680
2500 x 2125	4	531	265	2680
2500 x 2250	4	562	281	2680
2500 x 2375	5	475	237	2680
2500 x 2500	5	500	250	2680
2625 x 2125	4	531	265	2805
2750 x 2000	4	500	250	2930
2750 x 2125	4	531	265	2930
2750 x 2250	4	562	281	2930
2750 x 2375	5	475	237	2930
2750 x 2500	5	500	250	2930
3000 x 2000	4	500	250	3180
3000 x 2125	4	531	265	3180
3000 x 2250	4	562	281	3180
3000 x 2375	5	475	237	3180
3000 x 2500	5	500	250	3180
3000 x 3000	6	500	250	3180
3250 x 2000	4	500	250	3430
3250 x 2125	4	531	265	3430
3250 x 2250	4	562	281	3430
3500 x 2000	4	500	250	3680
3500 x 2125	4	531	265	3680
3500 x 2250	4	562	281	3680

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	250	3930
3750 x 2125	4	531	265	3930
3750 x 2250	4	562	281	3930
4000 x 2000	4	500	250	4180
4000 x 2125	4	531	265	4180
4000 x 2250	4	562	281	4180
4250 x 2000	4	500	250	4430
4250 x 2125	4	531	265	4430
4250 x 2250	4	562	281	4430
4500 x 2000	4	500	250	4680
4500 x 2125	4	531	265	4680
4500 x 2250	4	562	281	4680
4750 x 2000	4	500	250	4930
4750 x 2125	4	531	265	4930
4750 x 2250	4	562	281	4930
5000 x 2000	4	500	250	5180
5000 x 2125	4	531	265	5180
5000 x 2250	4	562	281	5180

For ceiling height and clear passage see track applications (pages 26 and 27).

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights on request.

Ordering height RM	No. of door sections	Door section height	Rib spacing
3000	6	500	250
2500	5	500	250
2375	5	475	237
2250	4	562	281
2125	4	531	265
2000	4	500	250
1875	4	468	234

Width (LDB)	No. of door sections	Door section height	Rib spacing
2250	4	468	234
2500	4	500	250
2750	4	531	265
3000	4	562	281
3250	4	500	250
3500	4	531	265
3750	4	562	281
4000	4	500	250
4250	4	531	265
4500	4	562	281
4750	4	500	250
5000	4	531	265

LDB = Clear passage width  
 RM = Ordering height  
 = doors up to 3000 x 2500 mm with tension spring technology

#### Ventilation

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

# Sectional Door EPU 40

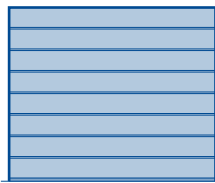
## Double-Skinned Steel Sections

### M-Ribbed

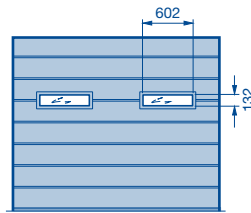
### Decograin®

- Door leaf:**
- Double-skinned, PU foam insulated door sections 42/20, outside Decograin® embossed, inside stucco embossed.
  - Equal-height door sections, horizontally ribbed, in hot galvanized sheet steel
  - Surface synthetic foil coated on the outside and polyester primer coating on the inside.
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

#### External views



Basic model



with glazing type D

The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.

#### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
2250 x 2000	4	500	250	2430
2250 x 2125	4	531	265	2430
2375 x 2000	4	500	250	2555
2375 x 2125	4	531	265	2555
2375 x 2250	4	562	281	2555
2500 x 2000	4	500	250	2680
2500 x 2125	4	531	265	2680
2500 x 2250	4	562	281	2680
2500 x 2500	5	500	250	2680
2625 x 2125	4	531	265	2805
2750 x 2000	4	500	250	2930
2750 x 2125	4	531	265	2930
2750 x 2250	4	562	281	2930
2750 x 2500	5	500	250	2930
3000 x 2000	4	500	250	3180
3000 x 2125	4	531	265	3180
3000 x 2250	4	562	281	3180
3000 x 2500	5	500	250	3180
3000 x 3000	6	500	250	3180
3250 x 2000	4	500	250	3430
3250 x 2125	4	531	265	3430
3250 x 2250	4	562	281	3430
3500 x 2000	4	500	250	3680
3500 x 2125	4	531	265	3680
3500 x 2250	4	562	281	3680
3750 x 2000	4	500	250	3930
3750 x 2125	4	531	265	3930
3750 x 2250	4	562	281	3930
4000 x 2000	4	500	250	4180
4000 x 2125	4	531	265	4180
4000 x 2250	4	562	281	4180

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
4250 x 2000	4	500	250	4430
4250 x 2125	4	531	265	4430
4250 x 2250	4	562	281	4430
4500 x 2000	4	500	250	4680
4500 x 2125	4	531	265	4680
4500 x 2250	4	562	281	4680
4750 x 2000	4	500	250	4930
4750 x 2125	4	531	265	4930
4750 x 2250	4	562	281	4930
5000 x 2000	4	500	250	5180
5000 x 2125	4	531	265	5180
5000 x 2250	4	562	281	5180

For ceiling height and clear passage see track applications (pages 26 and 27).

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights on request.

Ordering height RM											No. of door sections	Door section height	Rib spacing		
	3000											6	500	250	
2500											5	500	250		
2250											4	562	281		
2125											4	531	265		
2000											4	500	250		
											Number of windows				
	2	3	4	5											
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000			
	from 2000										Width (LDB)				
											LDB = Clear passage width RM = Ordering height ■ = doors up to 3000 x 2500 mm with tension spring technology				

#### Ventilation

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

#### Glazing options

Glazing type D, 16 mm

# Sectional Door EPU 40

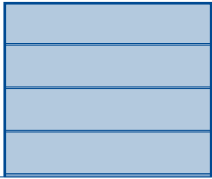
## Double-Skinned Steel Sections

### L-Ribbed

### Silkgrain®

- Door leaf:**
- Double-skinned, PU foam insulated door sections 42/20 mm, outside Silkgrain® embossed, inside stucco embossed.
  - Equal-height door sections in hot galvanized sheet steel
  - Surface with polyester primer coating.
  - For further details refer to the current product brochure.

#### External views



Basic model

The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.

#### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	2430
2250 x 2000	4	500	2430
2250 x 2125	4	531	2430
2375 x 1875	4	468	2555
2375 x 2000	4	500	2555
2375 x 2125	4	531	2555
2375 x 2250	4	562	2555
2500 x 1875	4	468	2680
2500 x 2000	4	500	2680
2500 x 2125	4	531	2680
2500 x 2250	4	562	2680
2500 x 2375	5	475	2680
2500 x 2500	5	500	2680
2625 x 2125	4	531	2805
2750 x 2000	4	500	2930
2750 x 2125	4	531	2930
2750 x 2250	4	562	2930
2750 x 2375	5	475	2930
2750 x 2500	5	500	2930
3000 x 2000	4	500	3180
3000 x 2125	4	531	3180
3000 x 2250	4	562	3180
3000 x 2375	5	475	3180
3000 x 2500	5	500	3180
3000 x 3000	6	500	3180
3250 x 2000	4	500	3430
3250 x 2125	4	531	3430
3250 x 2250	4	562	3430
3500 x 2000	4	500	3680
3500 x 2125	4	531	3680
3500 x 2250	4	562	3680

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	3930
3750 x 2125	4	531	3930
3750 x 2250	4	562	3930
4000 x 2000	4	500	4180
4000 x 2125	4	531	4180
4000 x 2250	4	562	4180
4250 x 2000	4	500	4430
4250 x 2125	4	531	4430
4250 x 2250	4	562	4430
4500 x 2000	4	500	4680
4500 x 2125	4	531	4680
4500 x 2250	4	562	4680
4750 x 2000	4	500	4930
4750 x 2125	4	531	4930
4750 x 2250	4	562	4930
5000 x 2000	4	500	5180
5000 x 2125	4	531	5180
5000 x 2250	4	562	5180

For ceiling height and clear passage see track applications (pages 26 and 27).

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights on request.

Ordering height RM	Width (LDB)												No. of door sections	Door section height
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000		
3000													6	500
2500													5	500
2375													5	475
2250													4	562
2125													4	531
2000													4	500
1875													4	468

LDB = Clear passage width  
 RM = Ordering height  
 = doors up to 3000 x 2500 mm with tension spring technology

#### Ventilation

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

# Sectional Door EPU 40

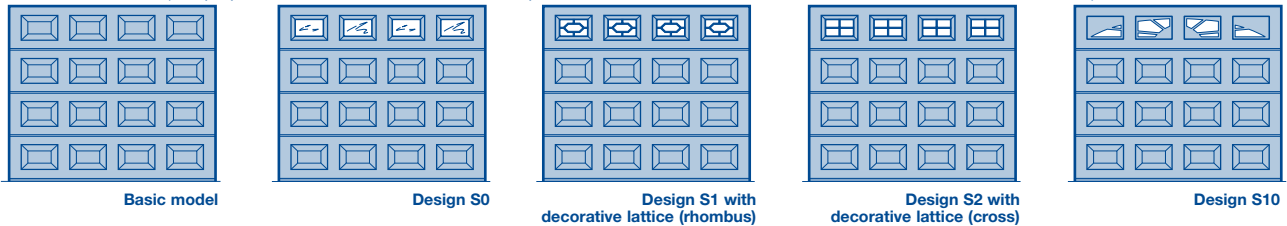
## Double-Skinned Steel Sections

### S-Panelled

### Woodgrain

- Door leaf:**
- Double-skinned, PU foam insulated door sections 42/20, outside Woodgrain embossed, inside stucco embossed.
  - Equal-height door sections, panelled, in hot galvanized sheet steel
  - Surface with polyester primer coating.
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

**External views** (The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.)



### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	2430
2250 x 2000	4	500	2430
2250 x 2125	4	531	2430
2375 x 1875	4	468	2555
2375 x 2000	4	500	2555
2375 x 2125	4	531	2555
2375 x 2250	4	562	2555
2500 x 1875	4	468	2680
2500 x 2000	4	500	2680
2500 x 2125	4	531	2680
2500 x 2250	4	562	2680
2500 x 2375	5	475	2680
2500 x 2500	5	500	2680
2500 x 2750	5	550	2680
2625 x 2125	4	531	2805
2750 x 2000	4	500	2930
2750 x 2125	4	531	2930
2750 x 2250	4	562	2930
2750 x 2375	5	475	2930
2750 x 2500	5	500	2930
2750 x 2750	5	550	2930
3000 x 2000	4	500	3180
3000 x 2125	4	531	3180
3000 x 2250	4	562	3180
3000 x 2375	5	475	3180
3000 x 2500	5	500	3180
3000 x 3000	6	500	3180
3250 x 2000	4	500	3430
3250 x 2125	4	531	3430
3250 x 2250	4	562	3430
3500 x 2000	4	500	3680
3500 x 2125	4	531	3680
3500 x 2250	4	562	3680

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	3930
3750 x 2125	4	531	3930
3750 x 2250	4	562	3930
4000 x 2000	4	500	4180
4000 x 2125	4	531	4180
4000 x 2250	4	562	4180
4250 x 2000	4	500	4430
4250 x 2125	4	531	4430
4250 x 2250	4	562	4430
4500 x 2000	4	500	4680
4500 x 2125	4	531	4680
4500 x 2250	4	562	4680
4750 x 2000	4	500	4930
4750 x 2125	4	531	4930
4750 x 2250	4	562	4930
5000 x 2000	4	500	5180
5000 x 2125	4	531	5180
5000 x 2250	4	562	5180

### Renovation sizes

2190 x 1955	4	488	2370
2190 x 2080	4	520	2370
2315 x 1955	4	488	2495
2315 x 2080	4	520	2495
2315 x 2205	4	550	2495
2440 x 1955	4	488	2620
2440 x 2080	4	520	2620
2440 x 2205	4	550	2620
2940 x 2080	4	520	3120

For ceiling height and clear passage see track applications (pages 26 and 27).

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights are not possible.

Ordering height RM	No. of door sections								Door section height	
	3	4	5	6	7	8				
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		
	Number of panels per door section									
	3	4	5	6	7	8				
	LDB = Clear passage width									
	RM = Ordering height									
	= doors up to 3000 x 2625 mm with tension spring technology									

### Ventilation

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

### Glazing options - panel windows

Panels, clear or crystal structure, 16 mm

Design S0, S1, S2 | Design S10, S20, S30, S40, S50, S60 (see p. 21)

# Sectional Door EPU 40

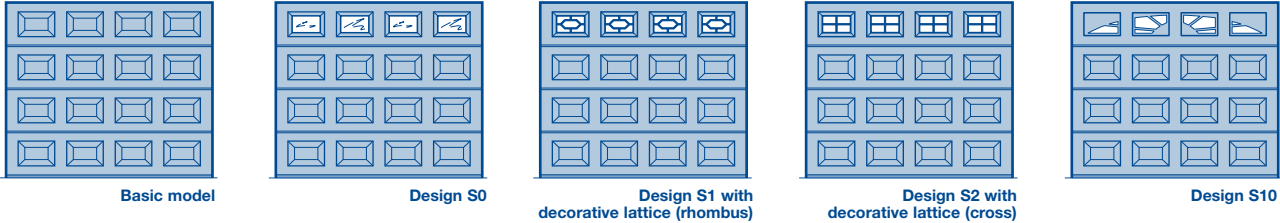
## Double-Skinned Steel Sections

### S-Panelled

### Decograin®

- Door leaf:**
- double-skinned, PU foam insulated door sections 42/20 mm, outside Decograin® embossed, inside stucco embossed.
  - Equal-height door sections, panelled, in hot galvanized sheet steel
  - Surface with synthetic foil coating on the outside and polyester primer coating on the inside.
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

**External views** (The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.)



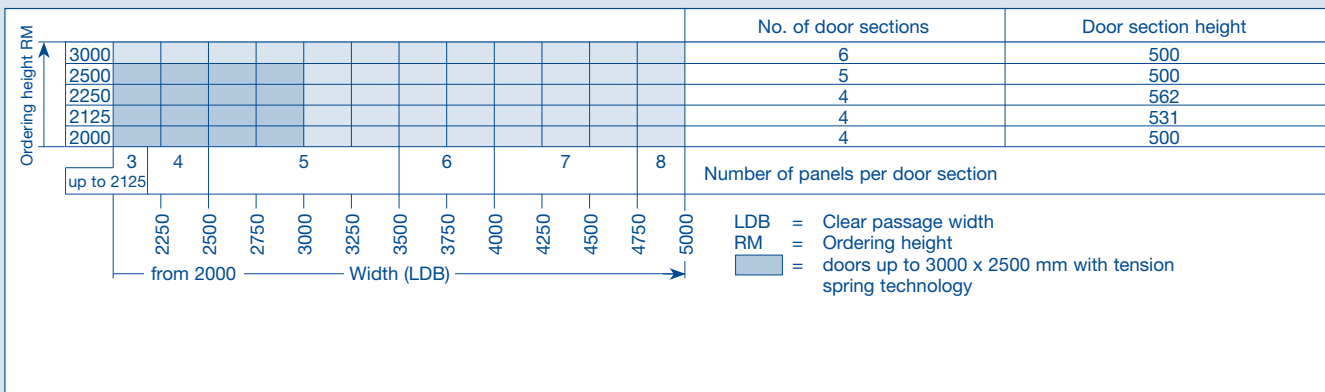
### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
2250 x 2000	4	500	2430
2250 x 2125	4	531	2430
2375 x 2000	4	500	2555
2375 x 2125	4	531	2555
2375 x 2250	4	562	2555
2500 x 2000	4	500	2680
2500 x 2125	4	531	2680
2500 x 2250	4	562	2680
2500 x 2500	5	500	2680
2625 x 2125	4	531	2805
2750 x 2000	4	500	2930
2750 x 2125	4	531	2930
2750 x 2250	4	562	2930
2750 x 2500	5	500	2930
3000 x 2000	4	500	3180
3000 x 2125	4	531	3180
3000 x 2250	4	562	3180
3000 x 2500	5	500	3180
3000 x 3000	6	500	3180
3250 x 2000	4	500	3430
3250 x 2125	4	531	3430
3250 x 2250	4	562	3430
3500 x 2000	4	500	3680
3500 x 2125	4	531	3680
3500 x 2250	4	562	3680
3750 x 2000	4	500	3930
3750 x 2125	4	531	3930
3750 x 2250	4	562	3930
4000 x 2000	4	500	4180
4000 x 2125	4	531	4180
4000 x 2250	4	562	4180
4250 x 2000	4	500	4430
4250 x 2125	4	531	4430
4250 x 2250	4	562	4430

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
4500 x 2000	4	500	4680
4500 x 2125	4	531	4680
4500 x 2250	4	562	4680
4750 x 2000	4	500	4930
4750 x 2125	4	531	4930
4750 x 2250	4	562	4930
5000 x 2000	4	500	5180
5000 x 2125	4	531	5180
5000 x 2250	4	562	5180

For ceiling height and clear passage see track applications (pages 26 and 27).

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights are not possible.



### Ventilation

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

### Glazing options - panel windows

Panes, clear or crystal structure, 16 mm

Design S0, S1, S2

Design S10, S20, S30, S40, S50, S60 (see p. 21)

# Sectional Door LPU 40

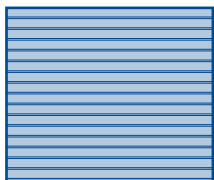
## Double-Skinned Steel Sections

### S-Ribbed

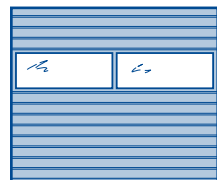
### Woodgrain

- Door leaf:**
- Double-skinned, PU foam insulated door sections , outside Woodgrain embossed, inside stucco embossed.
  - Surface with polyester primer coating
  - For further details refer to the current current product brochure.
  - Equal-height door sections, horizontally ribbed, in hot galvanized sheet steel
  - Glazing not possible in the two bottom door sections

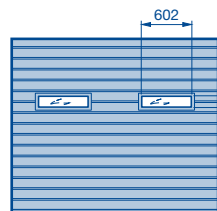
#### External views



Basic model



with aluminium frame



with glazing type D

The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.

#### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	117	2430
2250 x 2000	4	500	125	2430
2250 x 2125	4	531	133	2430
2375 x 1875	4	468	117	2555
2375 x 2000	4	500	125	2555
2375 x 2125	4	531	133	2555
2375 x 2250	4	562	141	2555
2500 x 1875	4	468	117	2680
2500 x 2000	4	500	125	2680
2500 x 2125	4	531	133	2680
2500 x 2250	4	562	141	2680
2500 x 2375	5	475	119	2680
2500 x 2500	5	500	125	2680
2500 x 2750	5	550	138	2680
2625 x 2125	4	531	133	2805
2750 x 2000	4	500	125	2930
2750 x 2125	4	531	133	2930
2750 x 2250	4	562	141	2930
2750 x 2375	5	475	119	2930
2750 x 2500	5	500	125	2930
2750 x 2750	5	550	138	2930
3000 x 2000	4	500	125	3180
3000 x 2125	4	531	133	3180
3000 x 2250	4	562	141	3180
3000 x 2375	5	475	119	3180
3000 x 2500	5	500	125	3180
3000 x 3000	6	500	125	3180
3250 x 2000	4	500	125	3430
3250 x 2125	4	531	133	3430
3250 x 2250	4	562	141	3430
3500 x 2000	4	500	125	3680
3500 x 2125	4	531	133	3680
3500 x 2250	4	562	141	3680

For ceiling height and clear passage see track applications (pages 26 and 27).

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	125	3930
3750 x 2125	4	531	133	3930
3750 x 2250	4	562	141	3930
4000 x 2000	4	500	125	4180
4000 x 2125	4	531	133	4180
4000 x 2250	4	562	141	4180
4250 x 2000	4	500	125	4430
4250 x 2125	4	531	133	4430
4250 x 2250	4	562	141	4430
4500 x 2000	4	500	125	4680
4500 x 2125	4	531	133	4680
4500 x 2250	4	562	141	4680
4750 x 2000	4	500	125	4930
4750 x 2125	4	531	133	4930
4750 x 2250	4	562	141	4930
5000 x 2000	4	500	125	5180
5000 x 2125	4	531	133	5180
5000 x 2250	4	562	141	5180
5500 x 2000	4	500	125	5680
5500 x 2125	4	531	133	5680
5500 x 2250	4	562	141	5680

#### Renovation sizes

2190 x 1955	4	488	122	2370
2190 x 2080	4	520	130	2370
2315 x 1955	4	488	122	2495
2315 x 2080	4	520	130	2495
2315 x 2205	4	550	138	2495
2440 x 1955	4	488	122	2620
2440 x 2080	4	520	130	2620
2440 x 2205	4	550	138	2620
2940 x 2080	4	520	130	3120

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights are possible.

Ordering height RM											No. of door sections	Door section height	Rib spacing		
	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	Number of ventilation grilles with 40 cm <sup>2</sup> ventilation area each										
	2	3	4	5	Number of window panes across per section										
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	LDB = Clear passage width
	from 2000														
	Width (LDB)														
	RM = Ordering height														
	= doors up to 3000 x 2625 mm with tension spring technology														

#### Ventilation

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

Ventilation grille, ventilation area 40 cm<sup>2</sup> each

#### Glazing options

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

# Sectional Door LPU 40

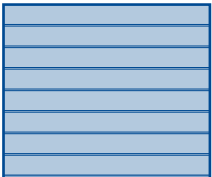
## Double-Skinned Steel Sections

### M-ribbed

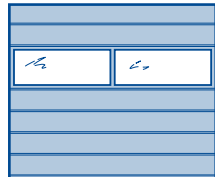
### Woodgrain

- Door leaf:**
- Double-skinned, PU foam insulated door sections, outside Woodgrain embossed, inside stucco embossed.
  - Surface with polyester primer coating.
  - For further details refer to the current product brochure.
  - Equal-height door sections, horizontally ribbed, in hot galvanized sheet steel
  - Glazing not possible in the two bottom door sections.

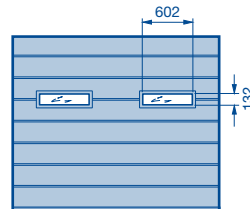
#### External views



Basic model



with aluminium frame



with glazing type D

The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.

#### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	234	2430
2250 x 2000	4	500	250	2430
2250 x 2125	4	531	265	2430
2375 x 1875	4	468	234	2555
2375 x 2000	4	500	250	2555
2375 x 2125	4	531	265	2555
2375 x 2250	4	562	281	2555
2500 x 1875	4	468	234	2680
2500 x 2000	4	500	250	2680
2500 x 2125	4	531	265	2680
2500 x 2250	4	562	281	2680
2500 x 2375	5	475	237	2680
2500 x 2500	5	500	250	2680
2500 x 2750	5	550	275	2680
2625 x 2125	4	531	265	2805
2750 x 2000	4	500	250	2930
2750 x 2125	4	531	265	2930
2750 x 2250	4	562	281	2930
2750 x 2375	5	475	237	2930
2750 x 2500	5	500	250	2930
2750 x 2750	5	550	275	2930
3000 x 2000	4	500	250	3180
3000 x 2125	4	531	265	3180
3000 x 2250	4	562	281	3180
3000 x 2375	5	475	237	3180
3000 x 2500	5	500	250	3180
3000 x 3000	6	500	250	3180
3250 x 2000	4	500	250	3430
3250 x 2125	4	531	265	3430
3250 x 2250	4	562	281	3430
3500 x 2000	4	500	250	3680
3500 x 2125	4	531	265	3680
3500 x 2250	4	562	281	3680

For ceiling height and clear passage see track applications (pages 26 and 27).

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	250	3930
3750 x 2125	4	531	265	3930
3750 x 2250	4	562	281	3930
4000 x 2000	4	500	250	4180
4000 x 2125	4	531	265	4180
4000 x 2250	4	562	281	4180
4250 x 2000	4	500	250	4430
4250 x 2125	4	531	265	4430
4250 x 2250	4	562	281	4430
4500 x 2000	4	500	250	4680
4500 x 2125	4	531	265	4680
4500 x 2250	4	562	281	4680
4750 x 2000	4	500	250	4930
4750 x 2125	4	531	265	4930
4750 x 2250	4	562	281	4930
5000 x 2000	4	500	250	5180
5000 x 2125	4	531	265	5180
5000 x 2250	4	562	281	5180
5500 x 2000	4	500	250	5680
5500 x 2125	4	531	265	5680
5500 x 2250	4	562	281	5680

#### Renovation sizes

2190 x 1955	4	488	244	2370
2190 x 2080	4	520	260	2370
2315 x 1955	4	488	244	2495
2315 x 2080	4	520	260	2495
2315 x 2205	4	550	275	2495
2440 x 1955	4	488	244	2620
2440 x 2080	4	520	260	2620
2440 x 2205	4	550	275	2620
2940 x 2080	4	520	260	3120

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights are possible.

Ordering height RM												No. of door sections	Door section height	Rib spacing			
	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	Number of ventilation grilles with 40 cm <sup>2</sup> ventilation area each												
	2	3	4	5	Number of window panes across per section												
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	LDB = Clear passage width RM = Ordering height = doors up to 3000 x 2625 mm with tension spring technology		
	from 2000											Width (LDB)					

#### Ventilation

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

Ventilation grille, ventilation area 40 cm<sup>2</sup> each

#### Glazing options

Aluminium frame (standard profile NF)

Glazing type D, 16 mm



# Sectional Door LPU 40

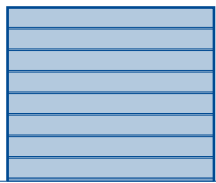
## Double-Skinned Steel Sections

### M-Ribbed

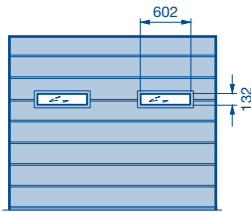
### Decograin®

- Door leaf:**
- Double-skinned, PU foam insulated door sections, outside Decograin®, inside stucco embossed.
  - Door sections, horizontally ribbed, in hot galvanized sheet steel
  - Surface with synthetic foil coating on the outside and polyester primer coating on the inside.
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

#### External views



Basic model



with glazing type D

The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.

#### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
2250 x 2000	4	500	250	2430
2250 x 2125	4	531	265	2430
2375 x 2000	4	500	250	2555
2375 x 2125	4	531	265	2555
2375 x 2250	4	562	281	2555
2500 x 2000	4	500	250	2680
2500 x 2125	4	531	265	2680
2500 x 2250	4	562	281	2680
2500 x 2500	5	500	250	2680
2625 x 2125	4	531	265	2805
2750 x 2000	4	500	250	2930
2750 x 2125	4	531	265	2930
2750 x 2250	4	562	281	2930
2750 x 2500	5	500	250	2930
3000 x 2000	4	500	250	3180
3000 x 2125	4	531	265	3180
3000 x 2250	4	562	281	3180
3000 x 2500	5	500	250	3180
3000 x 3000	6	500	250	3180
4000 x 2000	4	500	250	4180
4000 x 2125	4	531	265	4180
4000 x 2250	4	562	281	4180
4250 x 2000	4	500	250	4430
4250 x 2125	4	531	265	4430
4250 x 2250	4	562	281	4430
4500 x 2000	4	500	250	4680
4500 x 2125	4	531	265	4680
4500 x 2250	4	562	281	4680

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
4750 x 2000	4	500	250	4930
4750 x 2125	4	531	265	4930
4750 x 2250	4	562	281	4930
5000 x 2000	4	500	250	5180
5000 x 2125	4	531	265	5180
5000 x 2250	4	562	281	5180
5500 x 2000	4	500	250	5680
5500 x 2125	4	531	265	5680
5500 x 2250	4	562	281	5680

For ceiling height and clear passage see track applications (pages 26 and 27).

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights are possible.

Ordering height RM											No. of door sections	Door section height	Rib spacing		
	3000											6	500	250	
2500											5	500	250		
2250											4	562	281		
2125											4	531	265		
2000											4	500	250		
	Number of window panes across per section														
	2	3			4			5							
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	
	from 2000														
	Width (LDB)														
															LDB = Clear passage width RM = Ordering height ■ = doors up to 3000 x 2500 mm with tension spring technology

#### Ventilation

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

#### Glazing options

Glazing type D, 16 mm





# Sectional Door LPU 40

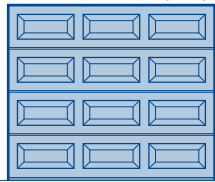
## Double-Skinned Steel Sections

### M-Panelled

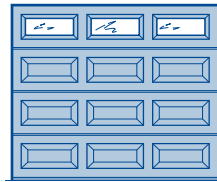
### Woodgrain

- Door leaf:**
- Double-skinned, PU foam insulated door sections , outside Woodgrain embossed, inside stucco embossed.
  - Equal-height door sections, panelled, in hot galvanized sheet steel
  - Surface with polyester primer coating.
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

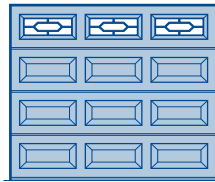
**External views** (The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.)



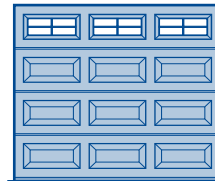
Basic model



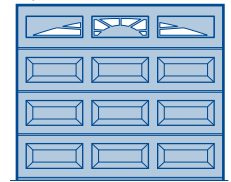
Design M0



Design M1 with decorative lattice (rhombus)



Design M2 with decorative lattice (cross)



Design M10

### Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	2430
2250 x 2000	4	500	2430
2250 x 2125	4	531	2430
2375 x 1875	4	468	2555
2375 x 2000	4	500	2555
2375 x 2125	4	531	2555
2375 x 2250	4	562	2555
2500 x 1875	4	468	2680
2500 x 2000	4	500	2680
2500 x 2125	4	531	2680
2500 x 2250	4	562	2680
2500 x 2375	5	475	2680
2500 x 2500	5	500	2680
2500 x 2750	5	550	2680
2625 x 2125	4	531	2805
2750 x 2000	4	500	2930
2750 x 2125	4	531	2930
2750 x 2250	4	562	2930
2750 x 2375	5	475	2930
2750 x 2500	5	500	2930
2750 x 2750	5	550	2930
3000 x 2000	4	500	3180
3000 x 2125	4	531	3180
3000 x 2250	4	562	3180
3000 x 2375	5	475	3180
3000 x 2500	5	500	3180
3000 x 3000	6	500	3180
3250 x 2000	4	500	3430
3250 x 2125	4	531	3430
3250 x 2250	4	562	3430
3500 x 2000	4	500	3680
3500 x 2125	4	531	3680
3500 x 2250	4	562	3680

For ceiling height and clear passage see track applications (pages 26 and 27).

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	3930
3750 x 2125	4	531	3930
3750 x 2250	4	562	3930
4000 x 2000	4	500	4180
4000 x 2125	4	531	4180
4000 x 2250	4	562	4180
4250 x 2000	4	500	4430
4250 x 2125	4	531	4430
4250 x 2250	4	562	4430
4500 x 2000	4	500	4680
4500 x 2125	4	531	4680
4500 x 2250	4	562	4680
4750 x 2000	4	500	4930
4750 x 2125	4	531	4930
4750 x 2250	4	562	4930
5000 x 2000	4	500	5180
5000 x 2125	4	531	5180
5000 x 2250	4	562	5180
5500 x 2000	4	500	5680
5500 x 2125	4	531	5680
5500 x 2250	4	562	5680

### Renovation sizes

2190 x 1955	4	488	2370
2190 x 2080	4	520	2370
2315 x 1955	4	488	2495
2315 x 2080	4	520	2495
2315 x 2205	4	550	2495
2440 x 1955	4	488	2620
2440 x 2080	4	520	2620
2440 x 2205	4	550	2620
2940 x 2080	4	520	3120

**Special sizes and optional extras:** Door width in 10 mm increments, door height only in one of the ordering heights shown. Intermediate heights are not possible.

Ordering height RM	No. of door sections							Door section height
	2	3	4	5	6	7		
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

Number of panels per door section						
2	3	4	5	6	7	
up to 2240	up to 2970	up to 3690	up to 4420	up to 5000	up to 5500	
from 2000	2250	2500	2750	3000	3250	3500
	3750	4000	4250	4500	4750	5000
						5250
						5500

LDB = Clear passage width  
 RM = Ordering height  
 ■ = doors up to 3000 x 2625 mm with tension spring technology

### Ventilation

Ventilation slots in bottom seal, ventilation area 65 cm<sup>2</sup> per m door width

### Glazing options - panel windows

Double panes, clear or crystal structure, 16 mm

Design M0, M1, M2 | Design M10, M20, M30, M40, M50 (see p. 21)

# Sectional Door LPU 40

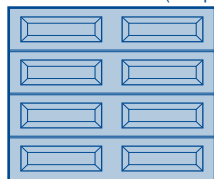
## Double-Skinned Steel Sections

### L-Panelled

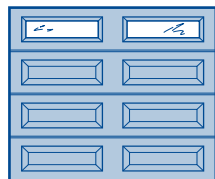
### Woodgrain

- Door leaf:**
- Double-skinned, PU foam insulated door sections, outside Woodgrain embossed, inside stucco embossed.
  - Equal-height door sections, panelled, in hot galvanized sheet steel
  - Surface with polyester primer coating.
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

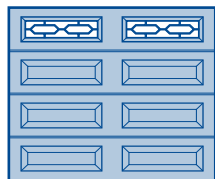
**External views** (The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.)



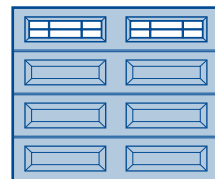
Basic model



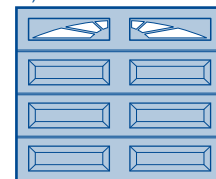
Design L0



Design L1 with decorative lattice (rhombus)



Design L2 with decorative lattice (cross)



Design L10

**Standard sizes** (doors up to 3000 x 2625 mm with tension spring technology)

Ordering size LDB RM Width x Height	No. of door sections	No. of panels	Door section height	Min. width inside garage (LDB +2 x 90mm)
2250 x 2000	4	2	500	2430
2250 x 2125	4	2	531	2430
2375 x 2000	4	2	500	2555
2375 x 2125	4	2	531	2555
2375 x 2250	4	2	562	2555
2500 x 2000	4	2	500	2680
2500 x 2125	4	2	531	2680
2500 x 2250	4	2	562	2680
2625 x 2125	4	2	531	2805
4000 x 2000	4	3	500	4180
4000 x 2125	4	3	531	4180
4000 x 2250	4	3	562	4180
4500 x 2000	4	4	500	4680
4500 x 2125	4	4	531	4680
4500 x 2250	4	4	562	4680
5000 x 2000	4	4	500	5180
5000 x 2125	4	4	531	5180
5000 x 2250	4	4	562	5180
5500 x 2000	4	4	500	5680
5500 x 2125	4	4	531	5680
5500 x 2250	4	4	562	5680

For ceiling height and clear passage see track applications (pages 26 and 27).

#### Ventilation

Ventilation slots in bottom seal,  
ventilation area 65 cm<sup>2</sup> per m door width

#### Glazing options - panel windows

Double panes, clear or crystal structure, 16 mm

Design L0, L1, L2

Design L10, L20, L30, L40 (see p. 21)

# Sunrise Glazing

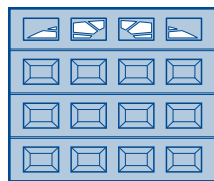
for Sectional Doors

LTE 40/EPU 40/LPU 40

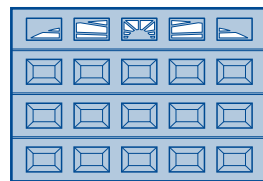
## External views

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

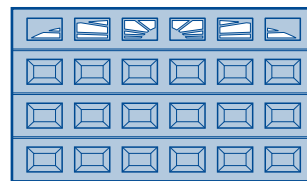
Glazing options for type S-panelled (not possible for doors with 3 panels per section)



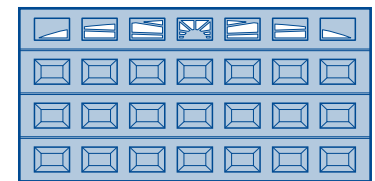
Design S10



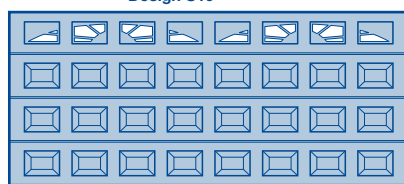
Design S20



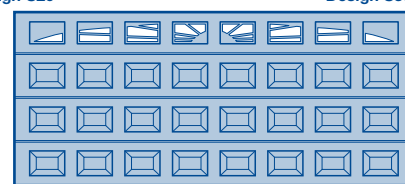
Design S30



Design S40



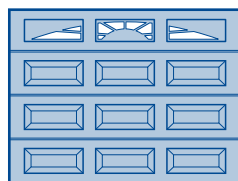
Design S50



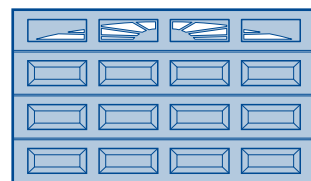
Design S60

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

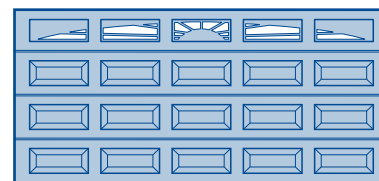
Glazing options for M-panelled type (not possible for doors with 2 or 7 panels per section)



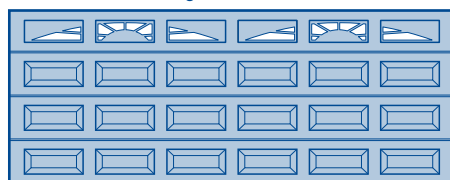
Design M10



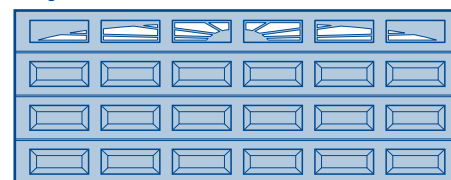
Design M20



Design M30



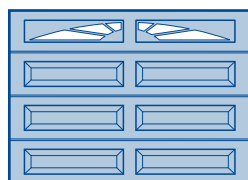
Design M40



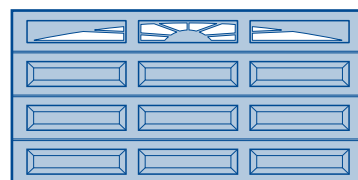
Design M50

Sunrise-glazing for LPU 40 sectional doors for standard sizes

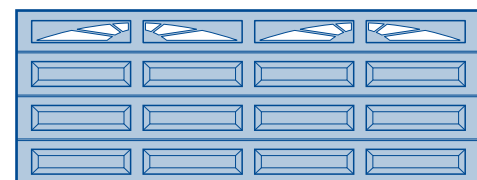
Glazing options for L-panelled type



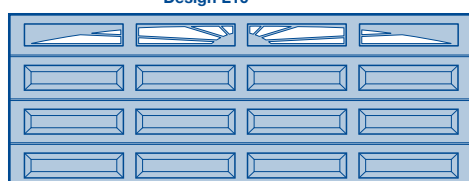
Design L10



Design L20



Design L30



Design L40

# Sectional Door LPU 40 with Wicket Pass Door

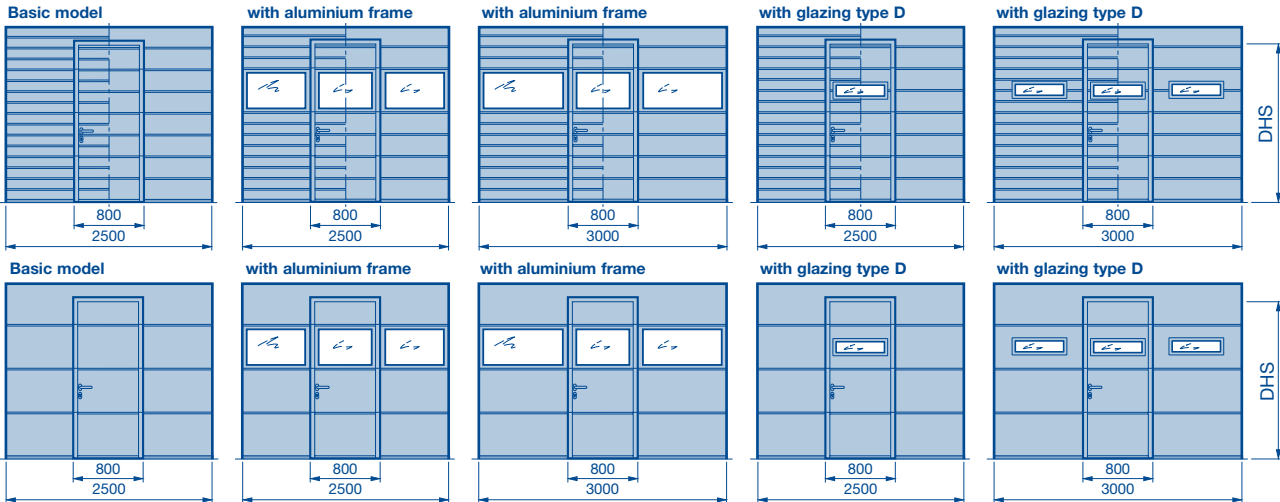
Double-Skinned Steel Sections

S-Ribbed, M-Ribbed, L-Ribbed

Woodgrain or Decograin® (only with M-ribbed)

- Door leaf:**
- Double-skinned, PU foam insulated door sections, outside Woodgrain or Decograin®, inside stucco embossed.
  - Equal-height door sections, horizontally ribbed or smooth sections, in hot galvanized sheet steel.
  - Surface with polyester primer coating (Decograin® with synthetic foil coating on the outside)
  - Glazing not possible in the two bottom door sections.
  - Without door handle set, without internal latching; without single-skinned steel panel, top door section with lintel seal.
  - We recommend the fitting of a SupraMatic P Garage Door Operator.

## External views



The proportions of the doors illustrated correspond to a door height of 2125 mm. Other door heights will show variations. The floor in front of the garage must be level or slope down to the outside to ensure that the wicket pass door can be opened unhindered (opening outwards) on account of the low threshold - see p. 32.

- Wicket pass doors:** The wicket pass doors are always in 4 parts and in the S-ribbed version only with even spacing of the ribs.  
The clear passage width of the wicket pass door is 800 mm, the threshold height starts at 5 mm and rises to 10 mm.
- Size range:** Garage door width in 10 mm increments. Garage door height in one of the ordering heights. Intermediate heights from 5 door sections on request. For ceiling height and clear passage see track applications (p. 28).

Ordering height RM	No. of door sections	Door section height	Passage height of wicket door DHS	Passage height of wicket door with transom glazing DHS	Handle height
3000	6	500	1955	1955	831
2875	6	479	1871	1871	799
2750	5	550	2155	2155	906
2625	5	525	2055	2055	868
2500	5	500	1955	1955	831
2375	5	475	1855	1855	793
2250	4*	562	2123	2123	924
2205	4*	550	2075	2075	906
2125	4*	531	1999	1999	877
2080	4*	520	1955	1955	861
2000	4*	500	1875	1875	831
1955	4*	488	1827	1827	813
1875	4*	468	1747	1747	782
3 up to 2500      5 up to 3500      7 up to 4000      No. of ventilation grilles with 40 cm <sup>2</sup> each ventilation area					
3      4      Number of infills in aluminium frame per door section					
1 up to 2500      3 up to 3500      4 up to 4000      No. of type D panes per door section      *Glazing type D not possible in the top section of wicket door!					
2500   2750   3000   3250   3500   3750   4000      LDB = Clear passage width RM = Ordering height = except for garage doors with top aluminium frame <b>Note:</b> From LZ ≥ 3510 mm the wicket door is positioned off-centre! Sectional door with wicket door only possible with track applications N or L!					

**Ventilation with S-/M-ribbed** (not for Decograin® version)  
Ventilation grille, ventilation area 40 cm<sup>2</sup> each arrangement

Glazing options (not for Decograin® version)	S-/M-/L-ribbed
Aluminium frame (standard profile NF)	•
Glazing type D, 16 mm	•

# Sectional Door LPU 40 with Wicket Pass Door

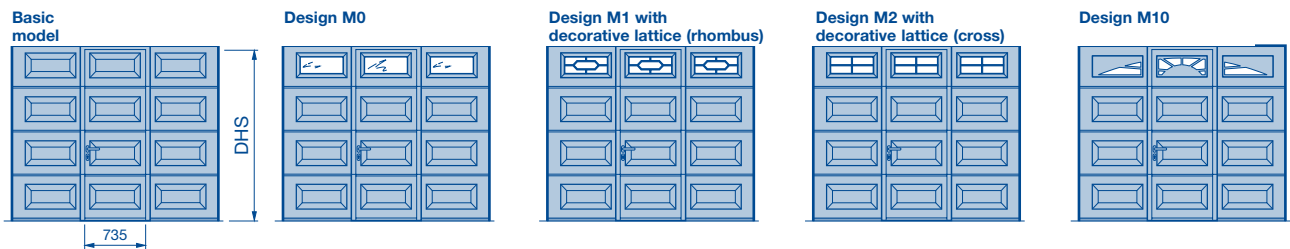
## Double-Skinned Steel Sections

### M-Panelled

### Woodgrain

- Door leaf:**
- Double-skinned, PU foam insulated door sections, outside Woodgrain embossed, inside stucco embossed.
  - Equal-height door sections, panelled, in hot galvanized sheet steel
  - Surface with polyester primer coating.
  - Glazing not possible in the two bottom door sections.
  - Without door handle set, without internal latching; without single-skinned steel panel, top door section with lintel seal.
  - We recommend the fitting of a SupraMatic P Garage Door Operator.

#### External views



The proportions of the doors illustrated correspond to a door size of 2500 2125 mm. Other door sizes will show variations. The floor in front of the garage must be level or slope down away from the door to ensure that the wicket pass door can be opened unhindered (opening outwards) on account of the low threshold - see p. 32.

- Wicket pass doors:** The wicket pass doors are always in 4 parts. The clear passage width of the wicket pass door is 735 mm, the threshold height starts at 5 mm and rises to 10 mm.
- Size range:** Garage door width in 10 mm increments. Garage door height only in one of the ordering heights. Intermediate heights are not possible. For ceiling height and clear passage see track applications (p. 28).

		No. of door sections	Door section height	Passage height of wicket door DHS	Handle height
Ordering height RM	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
			Number of panels or panel windows per door section		
3 up to 2970    4 up to 3690    5 2500    2750    3000    3250    3500    3750    4000 from 2375 – Width (LDB) →		LDB = Clear passage width RM = Ordering height In the range: 2980 ≤ LZ ≤ 3100 3700 ≤ LZ ≤ 3850 a wicket pass door is not possible!		<b>Note:</b> With 4 panels the wicket door is positioned off-centre! Sectional door with wicket door only possible with track applications N or L!	

Glazing options - panel windows Double panes, clear or crystal structure, 16 mm
Design M0
Design M1
Design M2
Design M10, M20, M30

# Sectional Door LTH 40

S-Boarded, V-Panelled

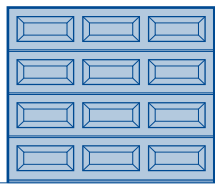
Nordic Pine/Hemlock

- Door leaf:**
- Solid timber sections, S-boarded or V-panelled
  - Equal-height door sections
  - Surface treated with pine impregnation to protect against insect and fungal attack
  - Glazing not possible in the two bottom door sections.
  - For further details refer to the current product brochure.

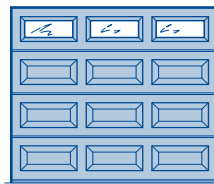
## External views



Basic model S-boarded



Basic model V-panelled



with glazing VO

The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.

## Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	2430
2250 x 2000	4	500	2430
2250 x 2125	4	531	2430
2375 x 1875	4	468	2555
2375 x 2000	4	500	2555
2375 x 2125	4	531	2555
2375 x 2250	4	562	2555
2500 x 1875	4	468	2680
2500 x 2000	4	500	2680
2500 x 2125	4	531	2680
2500 x 2250	4	562	2680
2500 x 2375	5	475	2680
2500 x 2500	5	500	2680
2500 x 2750	5	550	2680
2625 x 2125	4	531	2605
2750 x 2000	4	500	2930
2750 x 2125	4	531	2930
2750 x 2250	4	562	2930
2750 x 2375	5	475	2930
2750 x 2500	5	500	2930
2750 x 2750	5	550	2930
3000 x 2000	4	500	3180
3000 x 2125	4	531	3180
3000 x 2250	4	562	3180
3000 x 2375	5	475	3180
3000 x 2500	5	500	3180
3000 x 3000	6	500	3180

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
3250 x 2000	4	500	3430
3250 x 2125	4	531	3430
3250 x 2250	4	562	3430
3500 x 2000	4	500	3680
3500 x 2125	4	531	3680
3500 x 2250	4	562	3680
3750 x 2000	4	500	3930
3750 x 2125	4	531	3930
3750 x 2250	4	562	3930
4000 x 2000	4	500	4180
4000 x 2125	4	531	4180
4000 x 2250	4	562	4180
4250 x 2000	4	500	4430
4250 x 2125	4	531	4430
4250 x 2250	4	562	4430
4500 x 2000	4	500	4680
4500 x 2125	4	531	4680
4500 x 2250	4	562	4680
4750 x 2000	4	500	4930
4750 x 2125	4	531	4930
4750 x 2250	4	562	4930
5000 x 2000	4	500	5180
5000 x 2125	4	531	5180

For ceiling height and clear passage see track applications (pages 26 and 27).

## Special sizes and optional extras:

Garage door width in 10 mm increments. Intermediate heights are possible.

Ordering height RM	S-Boarded			V-Panelled
	No. of door sections	Door section height	Rib spacing	No. of door sections
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

		Number of panels or panel windows per door section											
		3	4	5	6								
Ordering height RM	3000												
	2875												
	2750												
	2625												
	2500												
	2375												
	2250												
	2125												
	2000												
	1875												
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
		from 2000 ————— Width (LDB) —————>											

LDB = Clear passage width  
RM = Ordering height

**Note:** LTH 40 sectional door only with torsion spring technology

## Ventilation

Ventilation slots in bottom seal (standard),  
Ventilation area 65 cm<sup>2</sup> per m door width

## Glazing options for panelled version only.

Panel windows, clear or crystal structure 3 mm

Polycarbonate pane

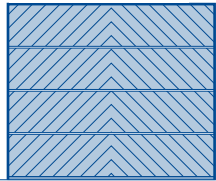
# Sectional Door LTH 40 with Special Designs

Nordic Pine/Hemlock

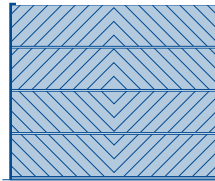
- Door leaf:**
- Solid timber sections in a choice of special designs
  - Surface treated with pine impregnation to protect against insect and fungal attack
  - Equal-height door sections
  - Design 403 and 404 on request with natural stone infill
  - For further details refer to the current product brochure.

## External views

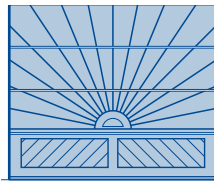
The proportions of the doors illustrated correspond to a door size of 2500 x 2125 mm. Other door sizes will show variations.



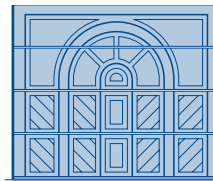
Design 401



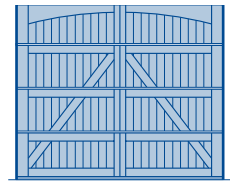
Design 402



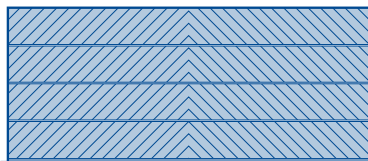
Design 403



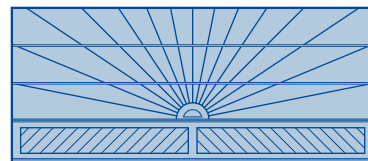
Design 404



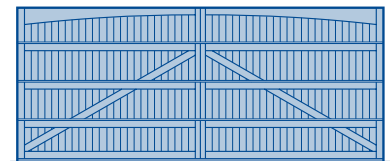
Design 405



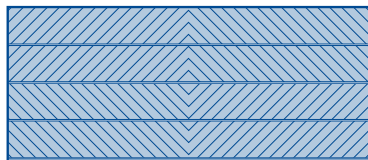
Design 401



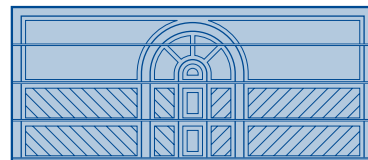
Design 403



Design 405



Design 402



Design 404

The proportions of the doors illustrated correspond to the size 5000 x 2125 mm. Other door sizes will show variations.

## Standard sizes

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	2430
2250 x 2000	4	500	2430
2250 x 2125	4	531	2430
2375 x 1875	4	468	2555
2375 x 2000	4	500	2555
2375 x 2125	4	531	2555
2375 x 2250	4	562	2555
2500 x 1875	4	468	2680
2500 x 2000	4	500	2680
2500 x 2125	4	531	2680
2500 x 2250	4	562	2680
2500 x 2375	5	475	2680
2500 x 2500	5	500	2680
2500 x 2750	5	550	2680
2625 x 2125	4	531	2805
2750 x 2000	4	500	2930
2750 x 2125	4	531	2930
2750 x 2250	4	562	2930
2750 x 2375	5	475	2930
2750 x 2500	5	500	2930
2750 x 2750	5	550	2930
3000 x 2000	4	500	3180
3000 x 2125	4	531	3180
3000 x 2250	4	562	3180
3000 x 2375	5	475	3180
3000 x 2500	5	500	3180
3000 x 3000	6	500	3180

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
3250 x 2000	4	500	3430
3250 x 2125	4	531	3430
3250 x 2250	4	562	3430
3500 x 2000	4	500	3680
3500 x 2125	4	531	3680
3500 x 2250	4	562	3680
3750 x 2000	4	500	3930
3750 x 2125	4	531	3930
3750 x 2250	4	562	3930
4000 x 2000	4	500	4180
4000 x 2125	4	531	4180
4000 x 2250	4	562	4180
4250 x 2000	4	500	4430
4250 x 2125	4	531	4430
4250 x 2250	4	562	4430
4500 x 2000	4	500	4680
4500 x 2125	4	531	4680
4500 x 2250	4	562	4680
4750 x 2000	4	500	4930
4750 x 2125	4	531	4930
4750 x 2250	4	562	4930
5000 x 2000	4	500	5180
5000 x 2125	4	531	5180

For ceiling height and clear passage see track applications (pages 26 and 27).

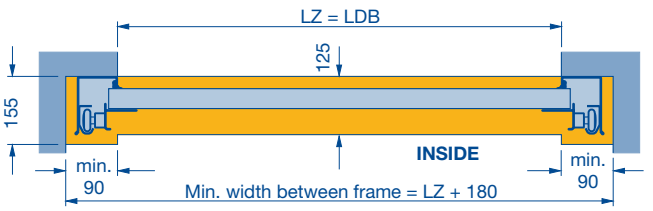
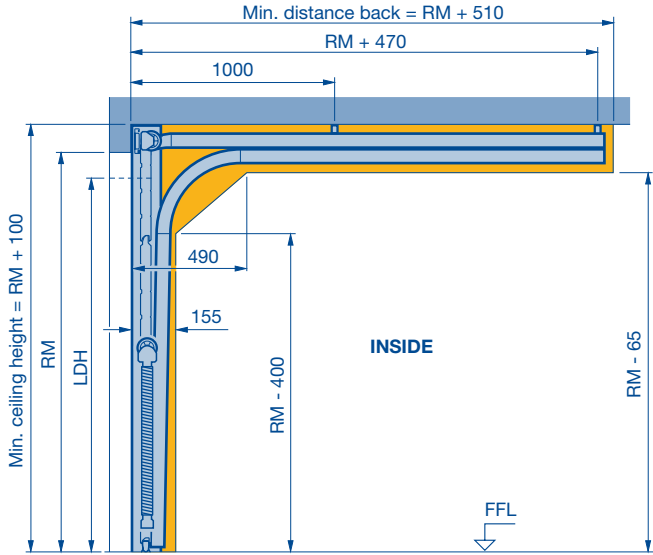
**Special sizes and optional extras:** Garage door width in 10 mm increments. Intermediate heights are possible. Further designs at customer's request.

Ordering height RM											No. of door sections	Door section height
	3000											6
2875											6	479
2750											5	550
2625											5	525
2500											5	500
2375											5	475
2250											4	562
2125											4	531
2000											4	500
1875											4	468

LDB = Clear passage width  
 RM = Ordering height  
**Note:** LTH 40 sectional door only with torsion spring technology

<b>Ventilation</b>	Ventilation slots in bottom seal, ventilation area 65 cm <sup>2</sup> per m door width (standard)
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# Track Applications: Z, N



## Z: Tension spring tracks

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

- LDB = Clear passage width
- LDH = Clear passage height
- RM = Ordering height
- LZ = Width between frame

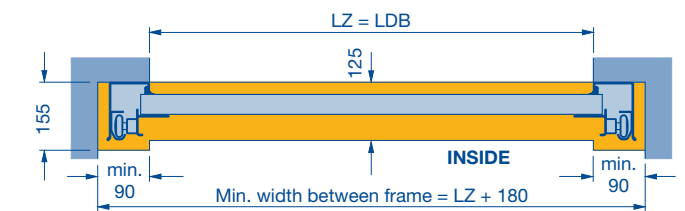
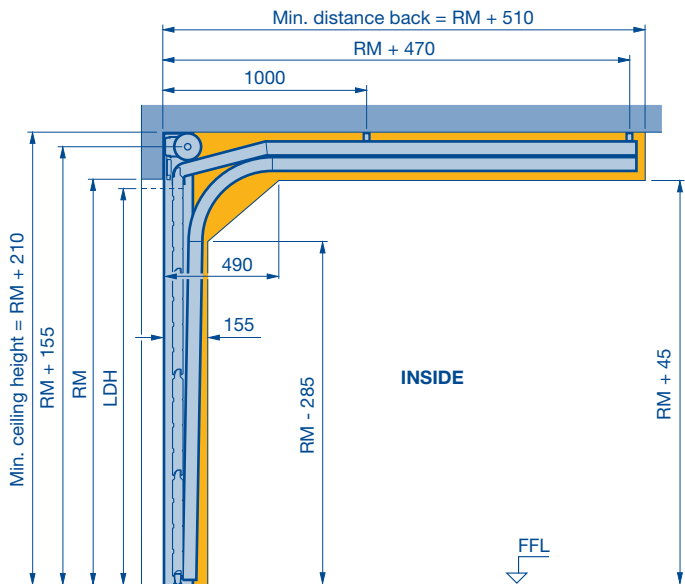
### Required ceiling height

for manual operation = min.  $RM + 100$   
with ProMatic = min.  $RM + 115$

### Clear passage height

for manual operation =  $RM - 80$   
with ProMatic =  $RM - 30$

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



## N: Standard tracks

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

- LDB = Clear passage width
- LDH = Clear passage height
- RM = Ordering height
- LZ = Width between frame

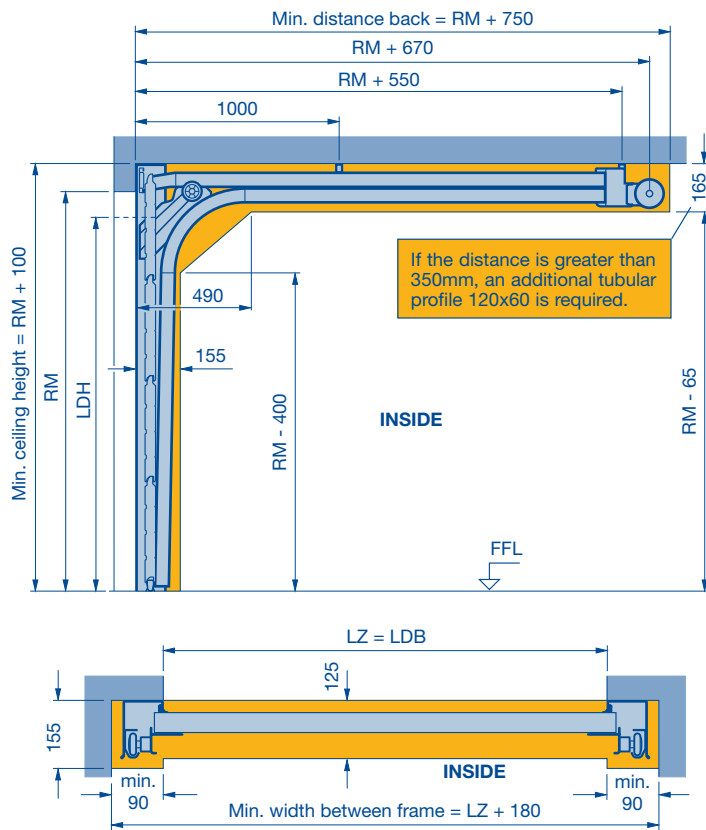
### Required ceiling height

for manual operation = min.  $RM + 210$   
with SupraMatic E, P and H = min.  $RM + 210$

### Clear passage height

for manual operation =  $RM - 50$   
with SupraMatic E, P and H =  $RM$

# Track Applications: L, H



## L: Niedrig-Sturz-Beschlag

RM Height	Manual operation		Electric operation		
	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

- LDB = Clear passage width
- LDH = Clear passage height
- RM = Ordering height
- LZ = Width between frame

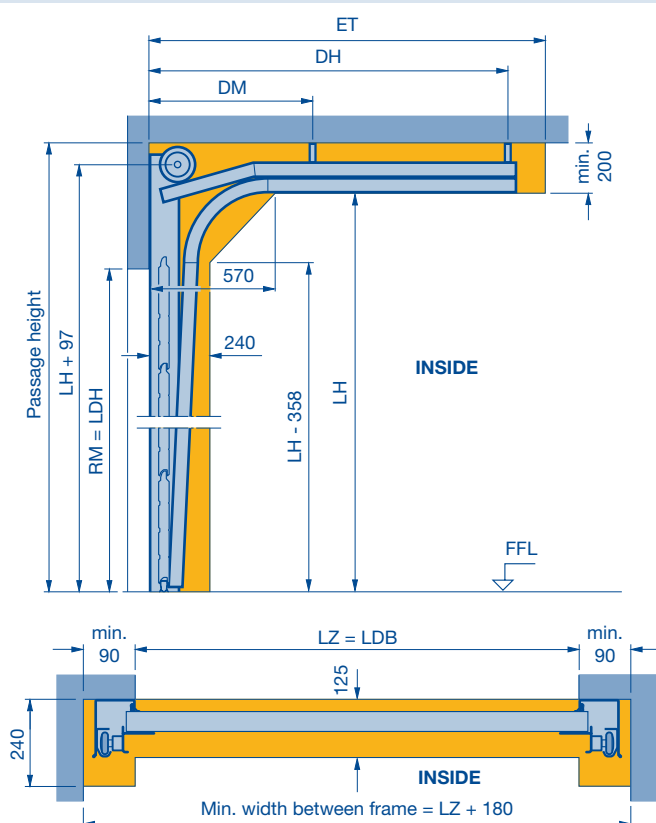
### Required ceiling height

for manual operation = min. RM +100  
with SupraMatic E, P and H = min. RM +115

### Clear passage height

for manual operation = RM -100  
with SupraMatic E, P and H = RM -30 up to LZ = 3000 mm  
= RM -80 from LZ = 3010 mm

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



## H: High-lift tracks

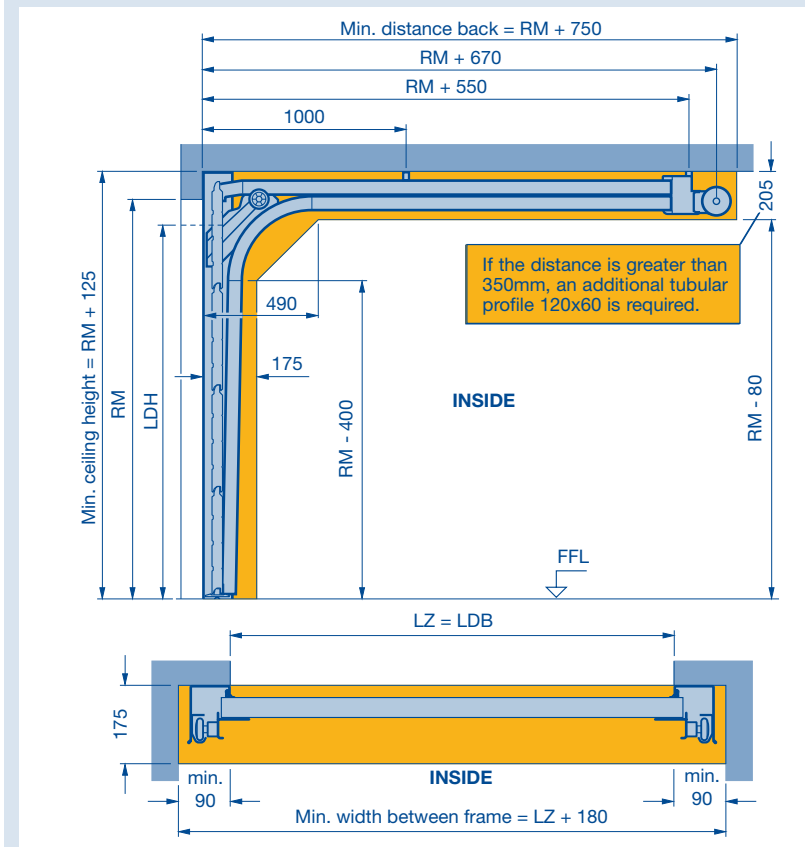
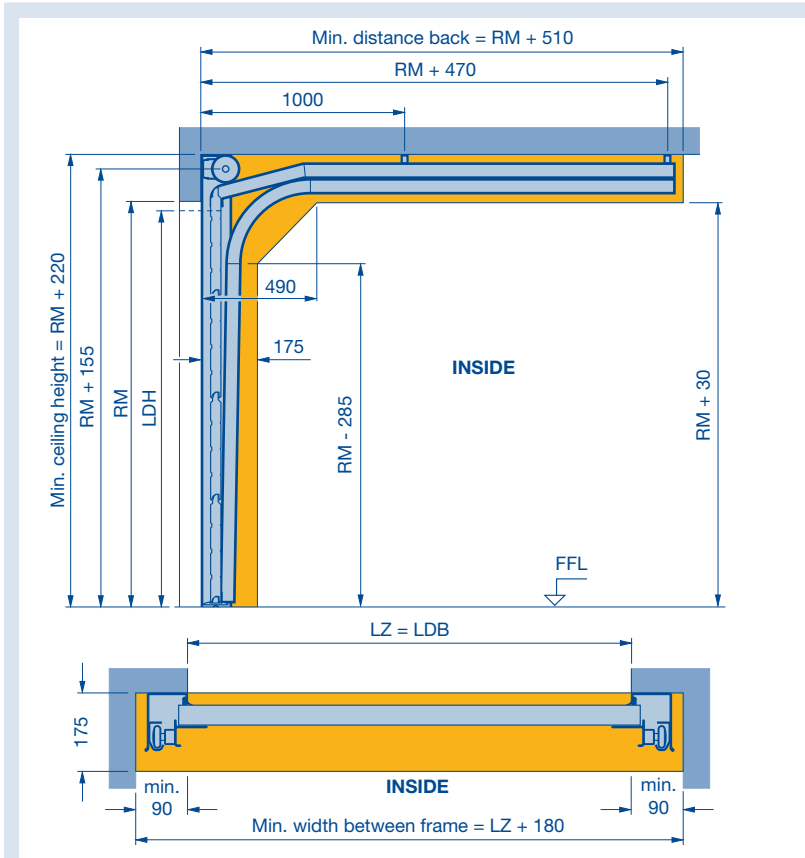
(only LTE 40, LTH 40 and LPU 40 without wicket pass door)

Door height RM Height	Track height			
	(1) mit Spring buffer		(2) mit 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

- LDB = Clear passage width
- LDH = Clear passage height
- RM = Ordering height
- LZ = Width between frame
- LF = Structural opening
- LH = Track height
- ET = Distance back
- (1) =  $2 \times RM + 690 - LH$
- (2) =  $2 \times RM + 490 - LH > ET - 200$
- DH = Rear track support =  $ET - 200$
- DM = Centre track support =  $\frac{DH}{2}$

# Track Applications: N, L

## (LPU 40) Wicket Pass Door



### N: Standard tracks

RM Height	Manual operation		Electric operation	
	min. ceiling height	LDH	min. ceiling height	LDH
1875	RM + 220 2095	RM - 160 1715	RM + 235 2110	RM - 100 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

- LDB = Clear passage width
- LDH = Clear passage height
- RM = Ordering height
- LZ = Width between frame

#### Required ceiling height

for manual operation = min. RM + 220  
with SupraMatic P and H = min. RM + 235

#### Clear passage height

for manual operation = RM - 160  
with SupraMatic P and H = RM - 100

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

The floor in front of the garage must be level or slope downwards away from the door in order to ensure that the wicket pass door can be opened unhindered (opening outwards) on account of the low threshold - see p. 32.

With the M-panelled version, the dimension from the FFL to the top edge of the lintel must be equal to or greater than the ordering size (RM).

### L: Low-headroom tracks

RM Height	Manual operation		Electric operation	
	min. ceiling height	LDH	min. ceiling height	LDH
1875*	RM + 125 2000	RM - 160 1715	RM + 125 2000	RM - 160 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

- LDB = Clear passage width
- LDH = Clear passage height
- RM = Ordering height
- LZ = Width between frame

\* These versions only apply to S-/M-/L-ribbed doors

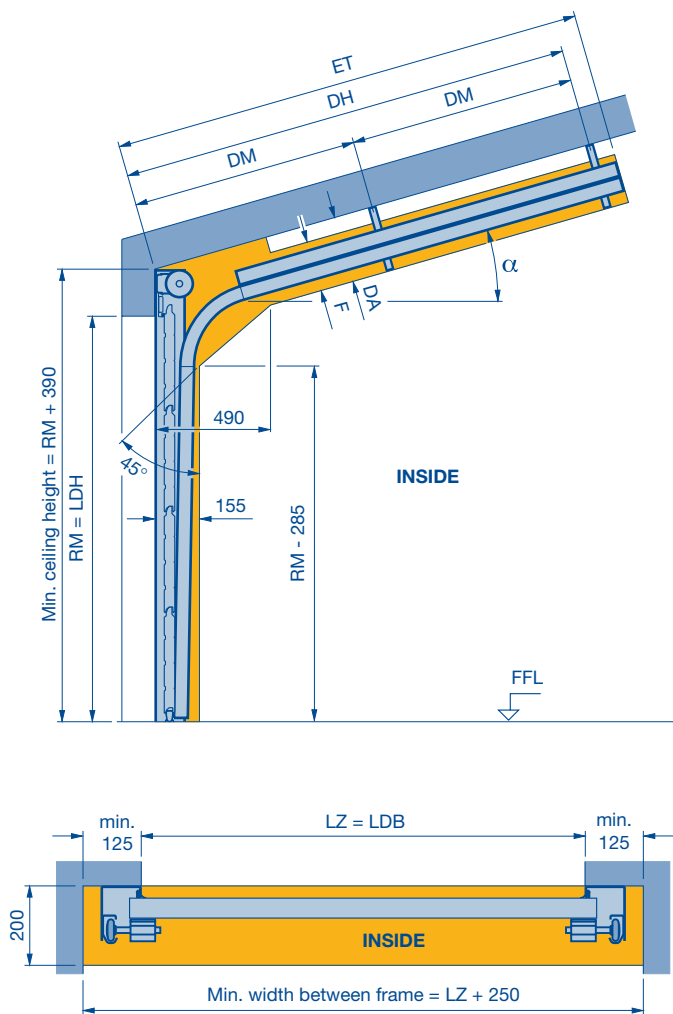
#### Required ceiling height

for manual operation = min. RM + 125  
with SupraMatic P and H = min. RM + 125

#### Clear passage height

for manual operation = RM - 160  
with SupraMatic P and H = RM - 160

# Track Application: ND



**Note:**  
Use of SupraMatic and ProMatic operators not possible!

**Normal tracks with inclination up to max. 30°**  
(only LTE 40, LTH 40 and LPU 40)

RM Height	Manual operation			Electric operation min. ceiling height
	min. ceiling height	LDH without Wicket Pass Door	LDH with Wicket Pass Door	
	RM +390	RM	RM -85	
1875	2265	1875	1790	see the Technical Manual 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	

	F	DA
ND	210	430

- ET = Min. distance back =  $RM + 450 - \alpha \times 6.5$
- DH = Rear track support =  $RM + 195 - \alpha \times 6.5$
- DM = Centre track support
- DA = Ceiling distance

Only to establish the pitch of the roof in degrees ( $\alpha$ )



$\alpha$	%	X (mm)	$\alpha$	%	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

- LDB = Clear passage width
- LDH = Clear passage height
- RM = Ordering height
- LZ = Width between frame

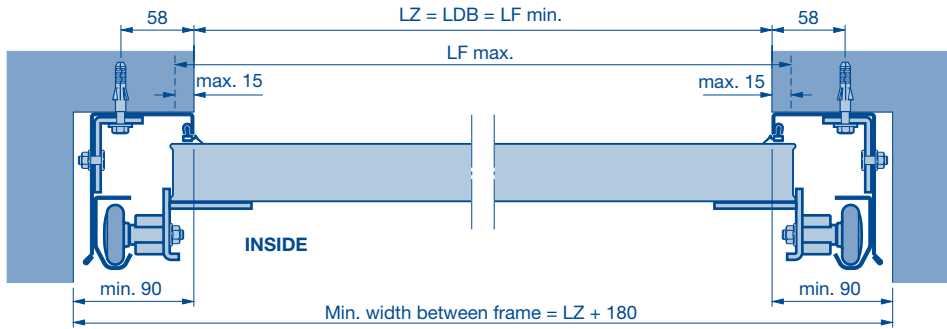
The clearance required for fitting the door must be free of obstructions, e.g. supply lines, heater fans etc.

The floor in front of the garage must be level or slope down away from the door to ensure that the wicket pass door can be opened unhindered (opening outwards) on account of the low threshold - see p. 32.

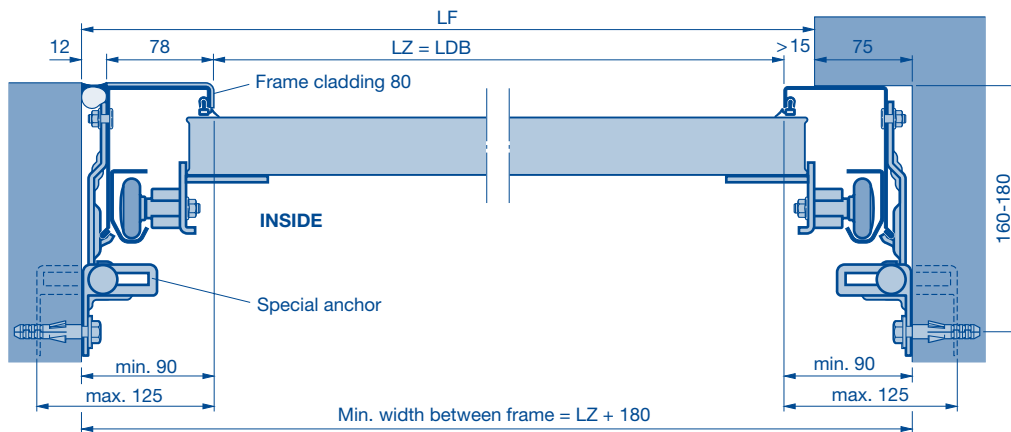
# Sideroom Details

## Track Applications Z, N, L, H

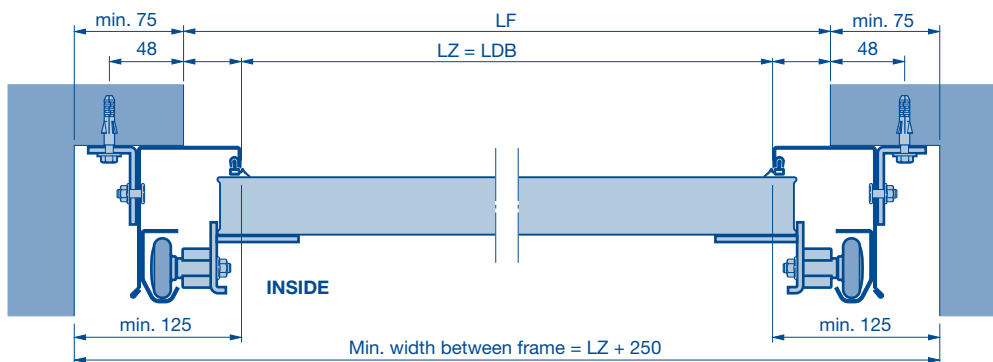
Normal track application, sideroom 90 mm, fixing within the frame



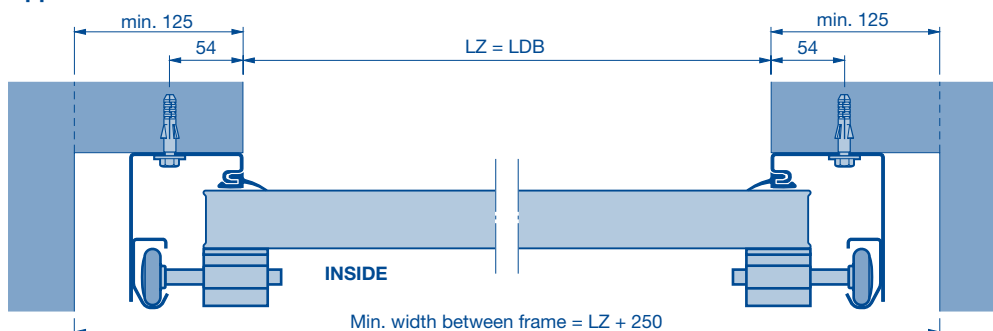
Sideroom less than 75 mm or without any sideroom. Fixing of the frame with special anchor



Min. sideroom 75 mm, fixing outside of the frame



## Track Application ND



LDB = clear passage width, LZ = width between frame LF = structural opening

# Headroom Details with Fascia Panels

## LTE 40, EPU 40, LPU 40

Figure A

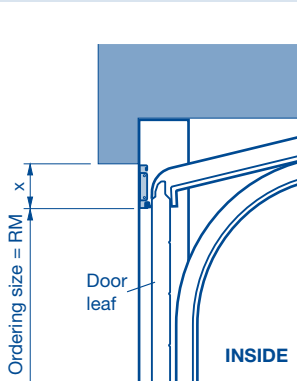


Figure B

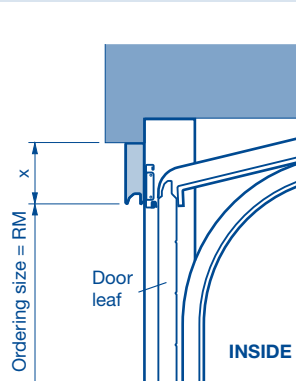
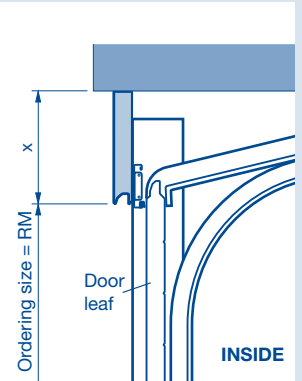


Figure C



Track application	Panel version	Dim. x		
		Figure A	Figure B	Figure C
Z, N and L	Steel panel (included in supply package)	up to 100 mm	-	-
	PU panel, S-/M-/L-ribbed	-	100 - 562 mm	100 - 562 mm
	PU panel, M-panelled	-	-	468, 475, 479, 488, 500, 520, 525, 531, 550, 562

## LTH 40

Figure A

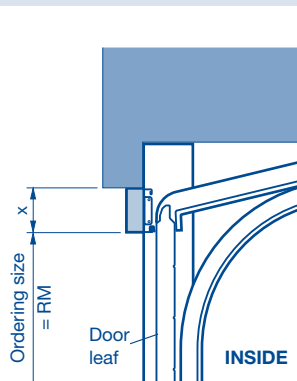


Figure B

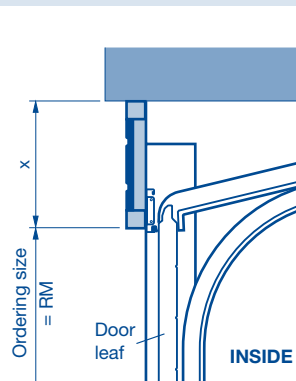
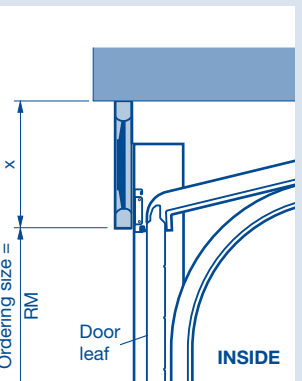


Figure C

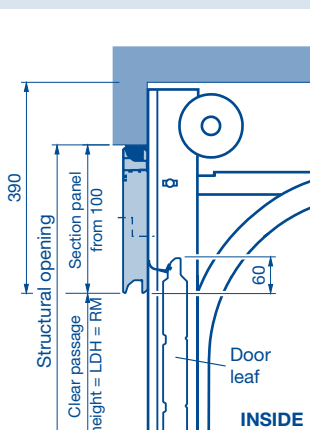


Track application	Panel version	Dim. x		
		Figure A	Figure B	Figure C
N and L	Smooth timber panel	31 - 290 mm	-	-
	Timber panel, S-boarded	-	146 - 500 mm	-
	Timber panel, V-panelled	-	-	291 - 500 mm

With LTH 40 doors a steel panel is included in the supply package.

## LTE 40, LPU 40

Figure A



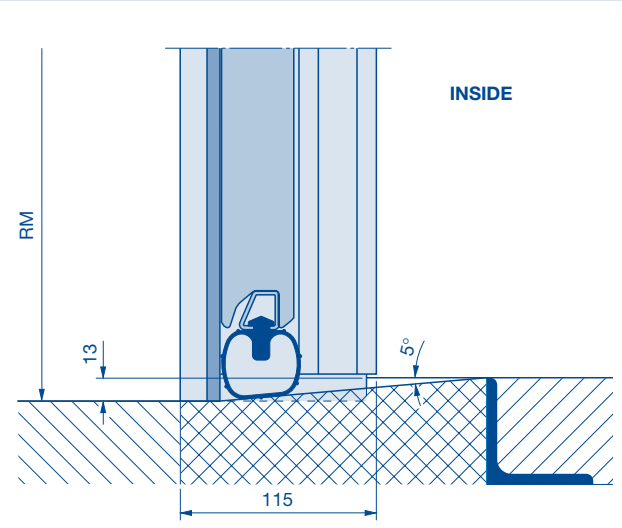
Track application	Panel version	Dim. x
		Figure A
ND	PU panel, S-/M-/L-ribbed	100 - 562 mm
	PU panel, M-panelled	468, 475, 479, 488, 500, 520, 525, 531, 550, 562

### Caution:

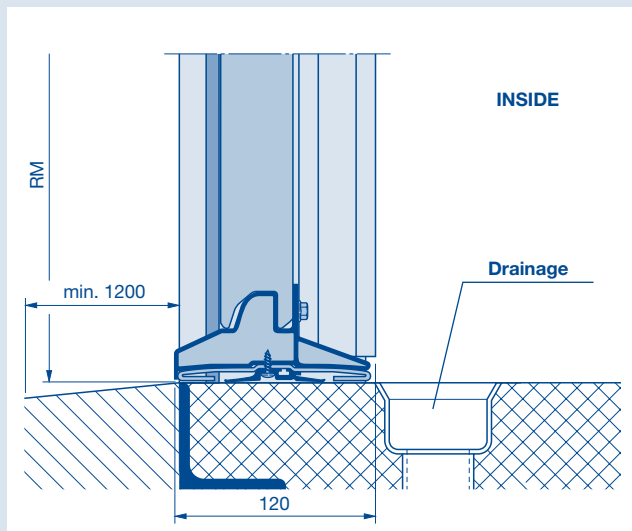
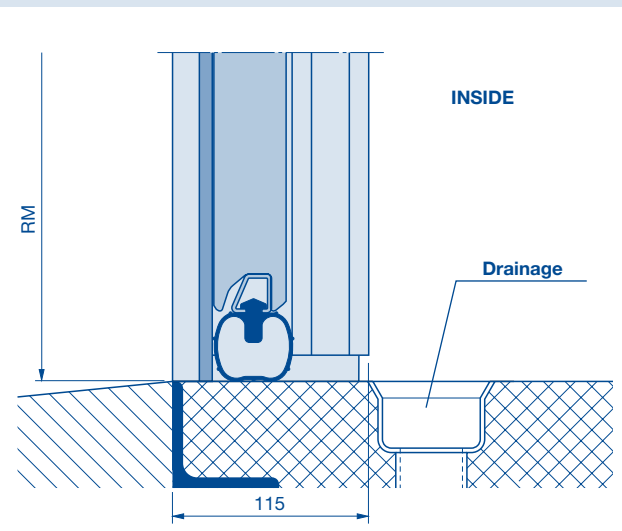
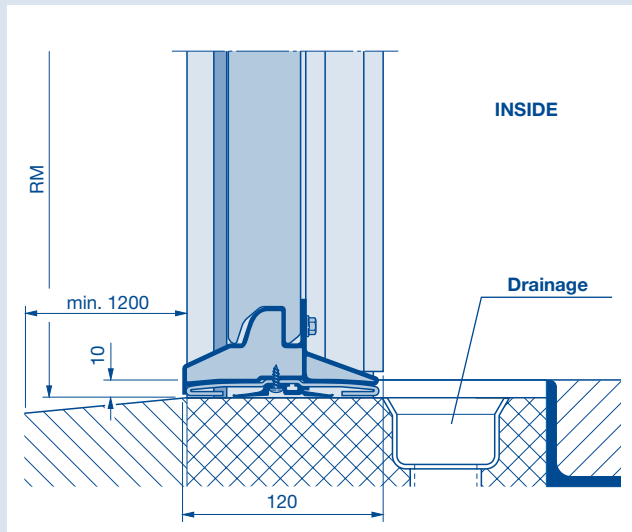
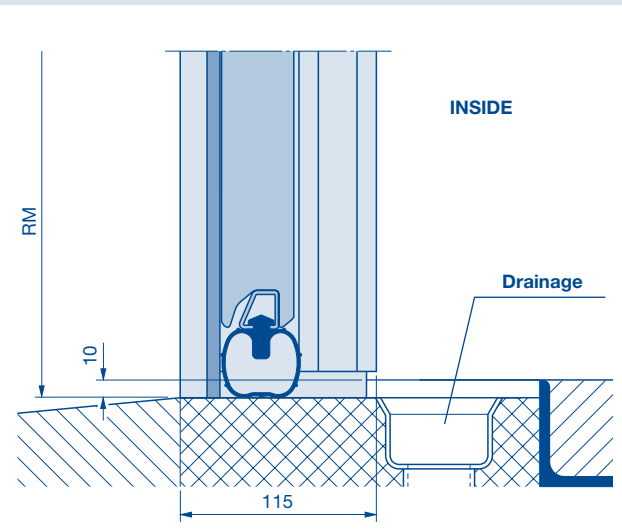
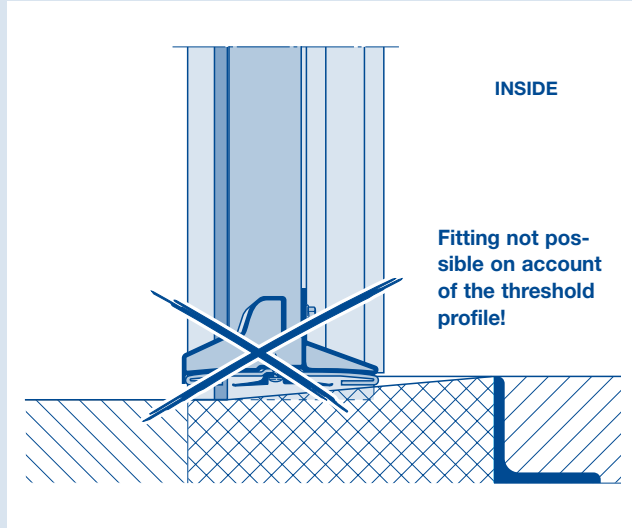
With track application N the torque is increased, it is therefore important to adhere to the frame's plug-and-screw fixing points in the lintel area.

# Floor Details

without wicket pass door



with wicket pass door

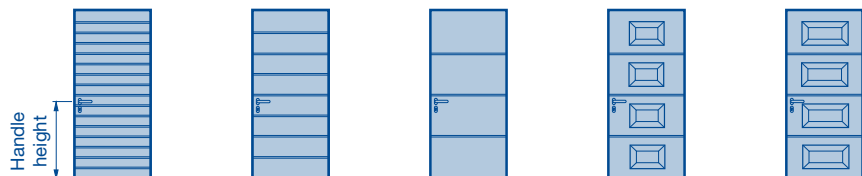


# Side Doors with Corner Frame

## Standard sizes

- Door leaf:**
- Appearance as LTE 40 / EPU 40 / LPU 40, door leaf frame of aluminium extrusions, overall thickness 50 mm
  - Door infill of PU foam insulated steel sections, outside Woodgrain embossed, Decograin® or Silkgrain®, inside stucco embossed.
  - Surface with polyester primer coating (with Decograin® synthetic foil coating on the outside)
  - Field alignment of sections, ribs or panels only possible with garage doors of the same height.
  - For further details, refer to the current product brochures

### External views



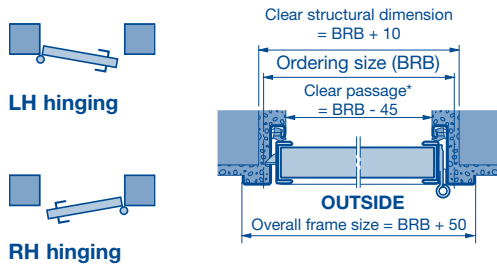
The proportions of the doors illustrated correspond to the finished size of the structural opening 1000 x 2125 mm. Other door sizes will show variations.

### Standard sizes

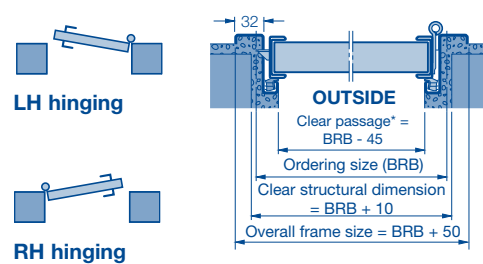
Ordering size	Handle-height
875 x 2000	1005
875 x 2125	1068
1000 x 2000	1005
1000 x 2125	1068

### Fitting situation:

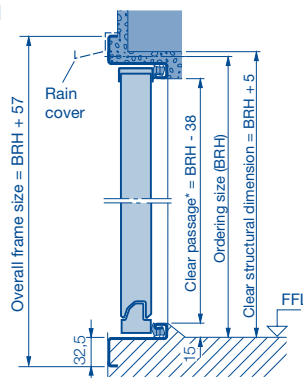
#### External fitting (opening to outside)



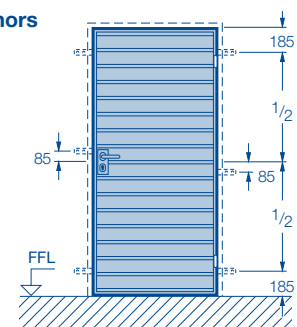
#### Internal fitting (opening to inside)



#### Door with stepped threshold



#### Position of anchors

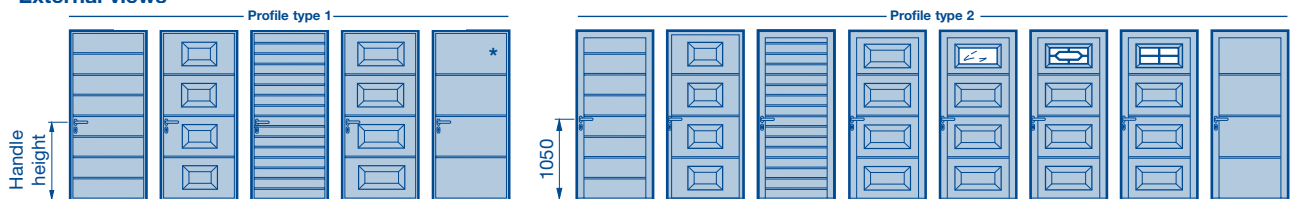


# Side Doors with Block Frame of Aluminium Extrusions

## Standard sizes

- Door leaf:**
- Appearance as LTE 40 / EPU 40 / LPU 40, door leaf frame surround and frame of aluminium extrusions (without thermal breaks), overall thickness 60 mm, double sound-absorber seal to 3 sides
  - Door infill of PU foam insulated steel sections, outside Woodgrain embossed, Decograin® or Silkgrain®, inside stucco embossed.
  - Surface with polyester primer coating (with Decograin® synthetic foil coating on the outside)
  - Field alignment of sections, ribs or panels only possible with garage doors of the same height.
  - For further details refer to the current product brochures

### External views



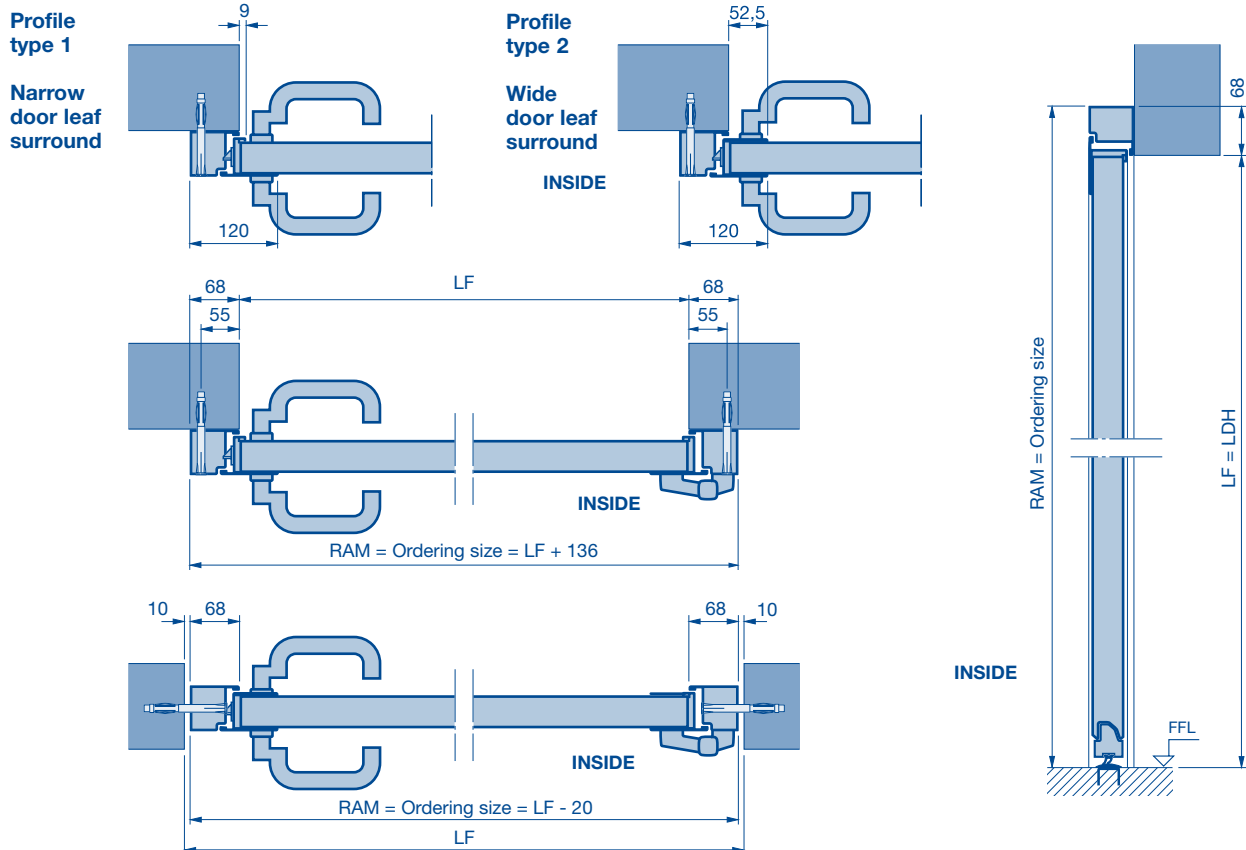
The proportions of the doors illustrated correspond to the finished size of the structural opening 1000 x 2125 mm. Other door sizes will show variations.

\* Side door version with special design (see p. 18) only possible with profile type 1

### Standard sizes (profile type 1 only opening inwards)

Profile type 1 (fitted behind the opening) S-, M-, L-ribbed, S-, M-panelled				Profile type 2 (fitted behind the opening) S-, M-, L-ribbed, S-, M-panelled				Profile type 2 (fitted in the opening) S-, M-, L-ribbed			
Structural opening	Ordering size = Overall frame size RAM	Handle height from FFL	Rib spacing	Structural opening	Ordering size = Overall frame size RAM	Handle height from FFL	Rib spacing	Structural opening	Ordering size = Overall frame size RAM	Handle height from FFL	Rib spacing
855- 875 x 1990-2000	<b>990 x 2058</b>	955	125/250	855- 875 x 1990-2000	<b>990 x 2058</b>	1050	125/250	875 x 2000	<b>855 x 1990</b>	1050	125/250
855- 875 x 2115-2125	<b>990 x 2183</b>	1010	133/265	855- 875 x 2115-2125	<b>990 x 2183</b>	1050	133/265	875 x 2125	<b>855 x 2115</b>	1050	133/265
980-1000 x 1990-2000	<b>1115 x 2058</b>	955	125/250	980-1000 x 1990-2000	<b>1115 x 2058</b>	1050	125/250	1000 x 2000	<b>980 x 1990</b>	1050	125/250
980-1000 x 2115-2125	<b>1115 x 2183</b>	1010	133/265	980-1000 x 2115-2125	<b>1115 x 2183</b>	1050	133/265	1000 x 2125	<b>980 x 2115</b>	1050	133/265

Note for glazing type D: RAM min. width 980 mm and RAM min. height 2115 mm when top door section glazed.



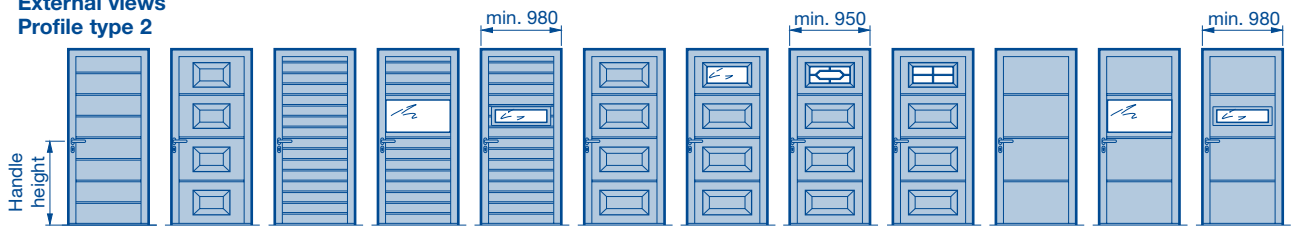
LF = structural opening, LDH = clear passage height, RAM = overall frame size

# Side Doors with Block Frame of Aluminium Extrusions

## Special sizes

- Door leaf:**
- Appearance as LTE 40 / EPU 40 / LPU 40, door leaf surround and frame of aluminium extrusions (without thermal breaks), overall thickness 60 mm, double sound absorber seal to 3 sides
  - As standard, the plug holes are predrilled in the frame according to the installation position (see reverse of order form).
  - Door infill of PU foam insulated steel sections, outside Woodgrain embossed, Decograin® or Silkgrain®, inside stucco embossed.
  - Surface with polyester primer coating (with Decograin® synthetic foil coating on the outside)
  - Field alignment of sections, ribs or panels only possible with garage doors of the same height.
  - For further details refer to the current product brochures

### External views Profile type 2



The proportions of the doors illustrated correspond to the finished size of the structural opening 1000 x 2125 mm. Other door sizes will show variations.

### Special sizes (profile type 1 only opening inwards)

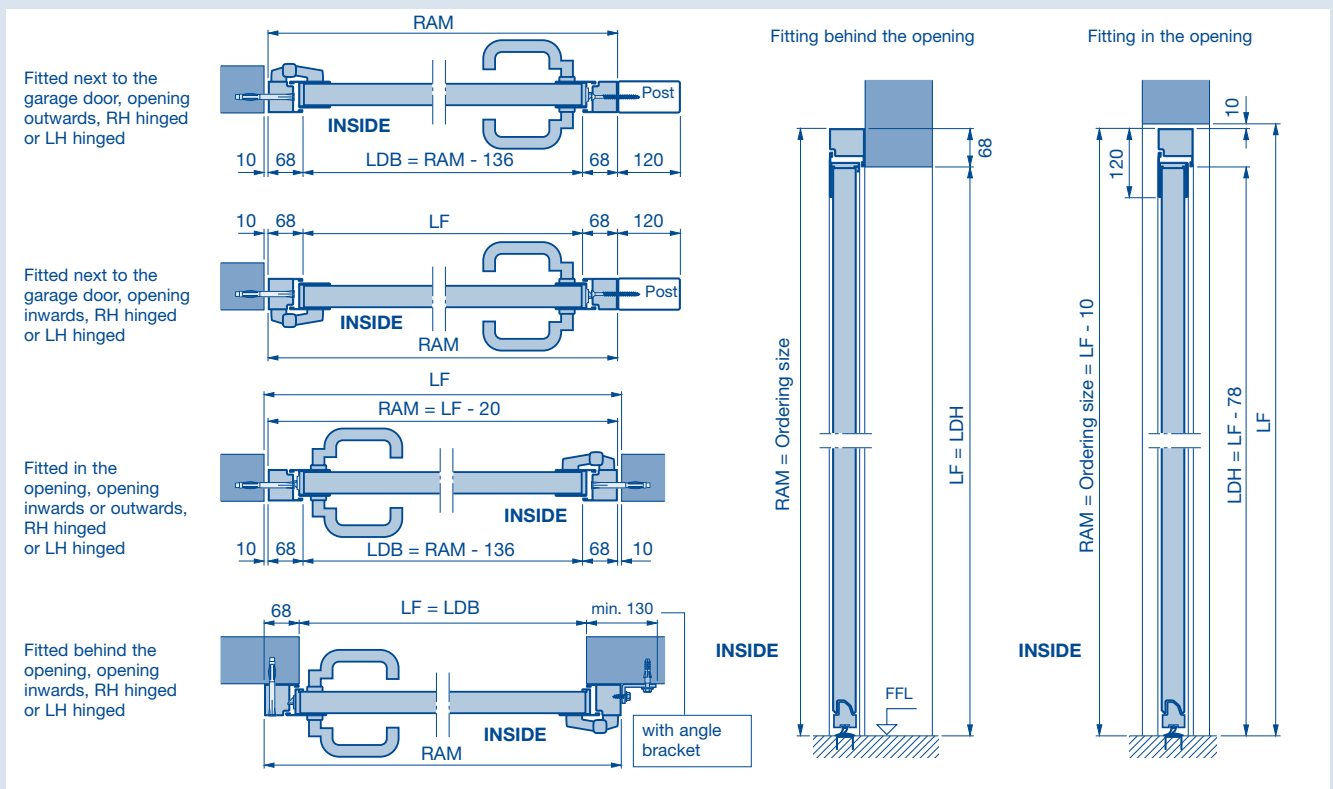
Profile type 1 (fitted in or behind the opening) S-, M-, L-ribbed	
Ordering size = Overall frame size (RAM)	Handle height
855-1250 x 1990-2300	935 - 1268
855-1300 x 1990-2558	935 - 1268

Profile type 1 (fitted behind the opening only) S-, M-, L-panelled or with special design	
Ordering size = Overall frame size (RAM)	Handle height
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 (fitted in or behind the opening) S-, M-, L-ribbed	
Ordering size = Overall frame size (RAM)	Handle height
855-1250 x 1933-2300	1050
855-1300 x 1933-2558	1050

Profile type 2 (fitted behind the opening, in the opening - opening outwards on request) S-, M-panelled	
Ordering size = Overall frame size (RAM)	Handle height
950-1250 x 2058 or 2183	1050
950-1300 x 1933, 2013, 2058, 2138, 2183, 2263, 2308, 2433 or 2558	1050

Note for glazing type D: RAM min. width 980 mm and RAM min. height 2115 mm when top door section glazed.



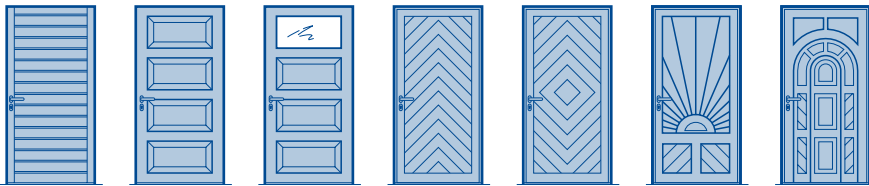
LF = structural opening, LDH = clear passage height, RAM = overall frame size

# Side Doors in Timber

## Standard sizes/Special sizes

- Door leaf:**
- Appearance as LTH 40
  - Door leaf and frame in solid timber, Nordic Pine or Hemlock, overall thickness of door leaf 42 mm, sound absorber seal to 3 sides
  - Double threshold seal
  - Surface treated with pine impregnation to protect against insect and fungal attack
  - For further details refer to the current product brochure.

### External views

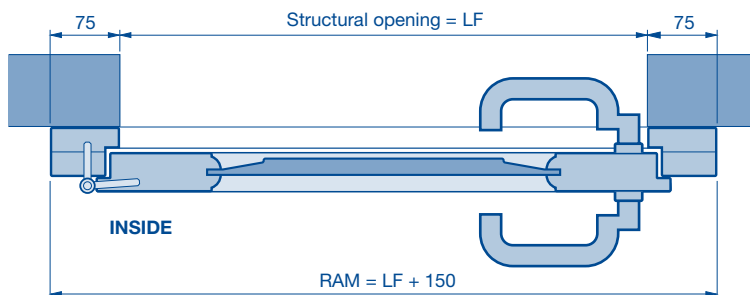
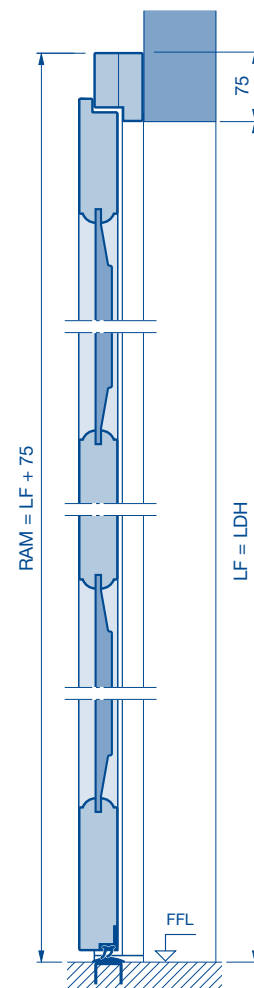


The proportions of the doors illustrated correspond to the finished size of the structural opening 1000 x 2125 mm. Other door sizes will show variations.

Version S-ribbed or V-panelled			
Structural opening	Ordering size = overall frame size RAM	Handle height from FFL	Rib spacing
<b>Standard sizes</b>			
855- 875 x 2115-2125	1005 x 2190	1050	133
980-1000 x 2115-2125	1130 x 2190	1050	133
<b>Special sizes</b>	990-1250 x 1940- 2315	1050	

Version with special designs		
Structural opening	Ordering size = overall frame size RAM	Handle height from FFL
<b>Standard sizes</b>		
980-1000 x 2115-2125	1130 x 2190	1050
<b>Special sizes</b>	1130-1250 x 1940- 2315	1050

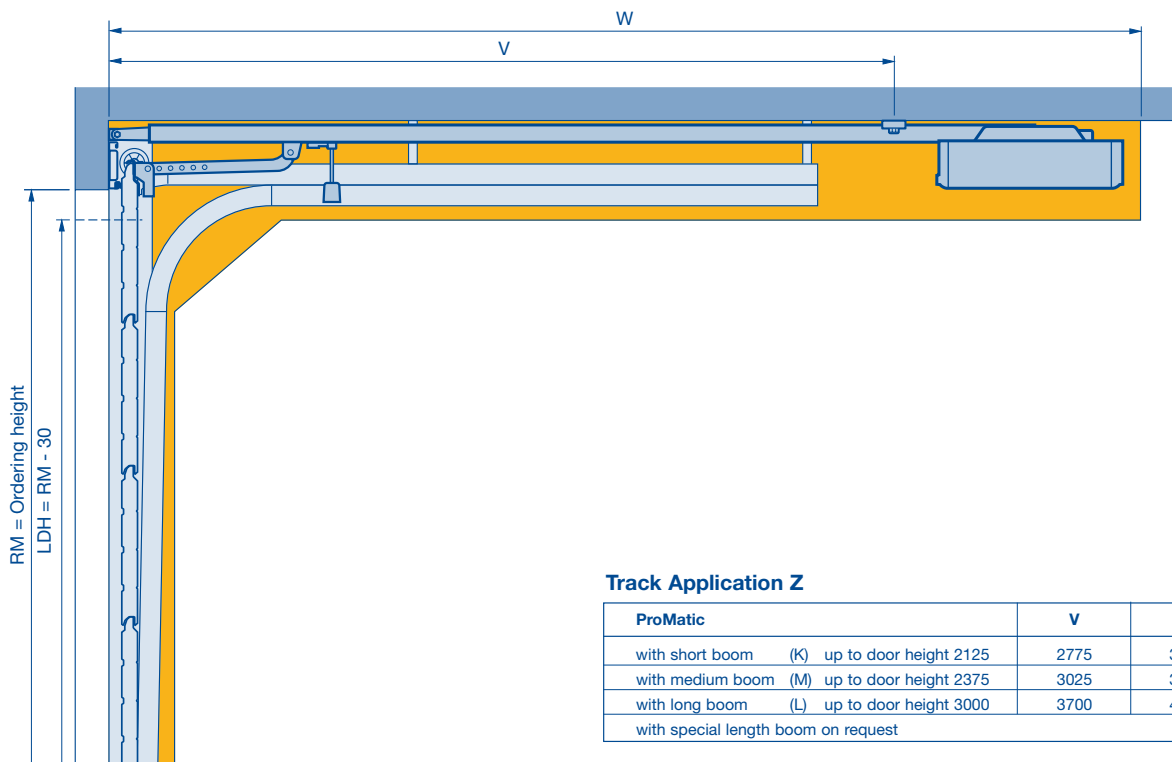
INSIDE



LF = structural opening, LDH = clear passage height, RAM = overall frame size

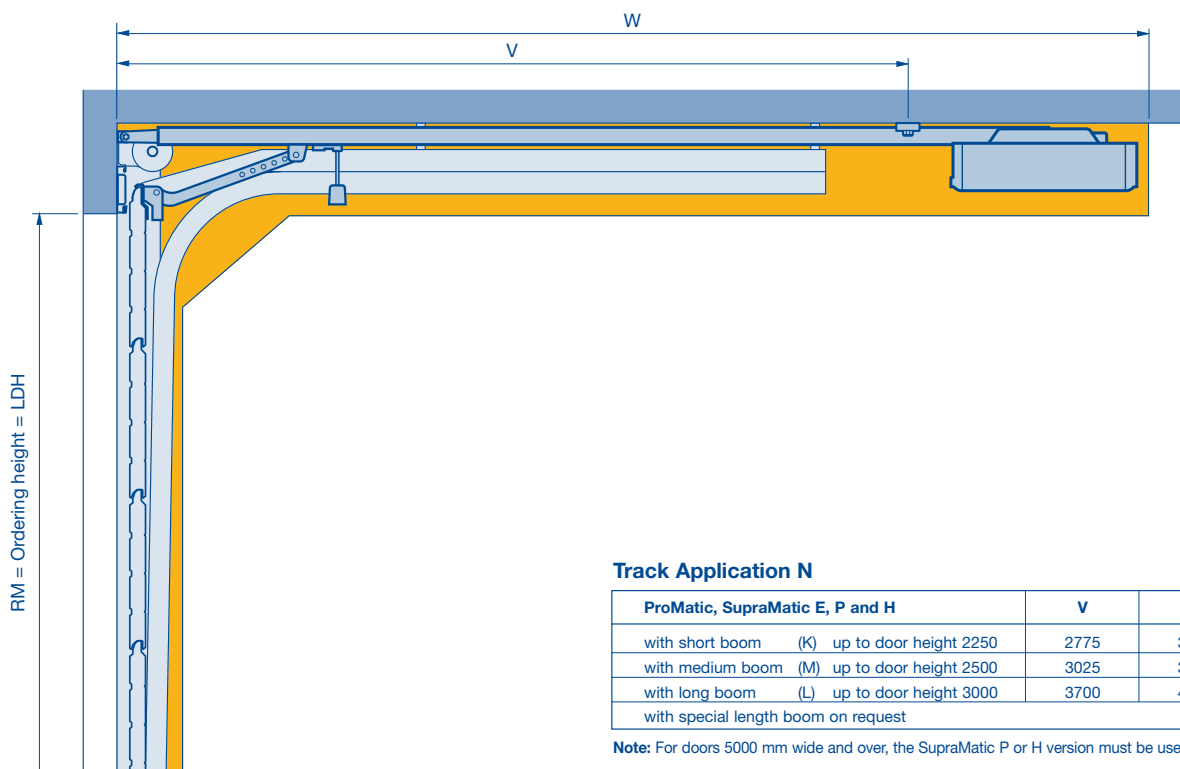
# Garage Door Operators

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**

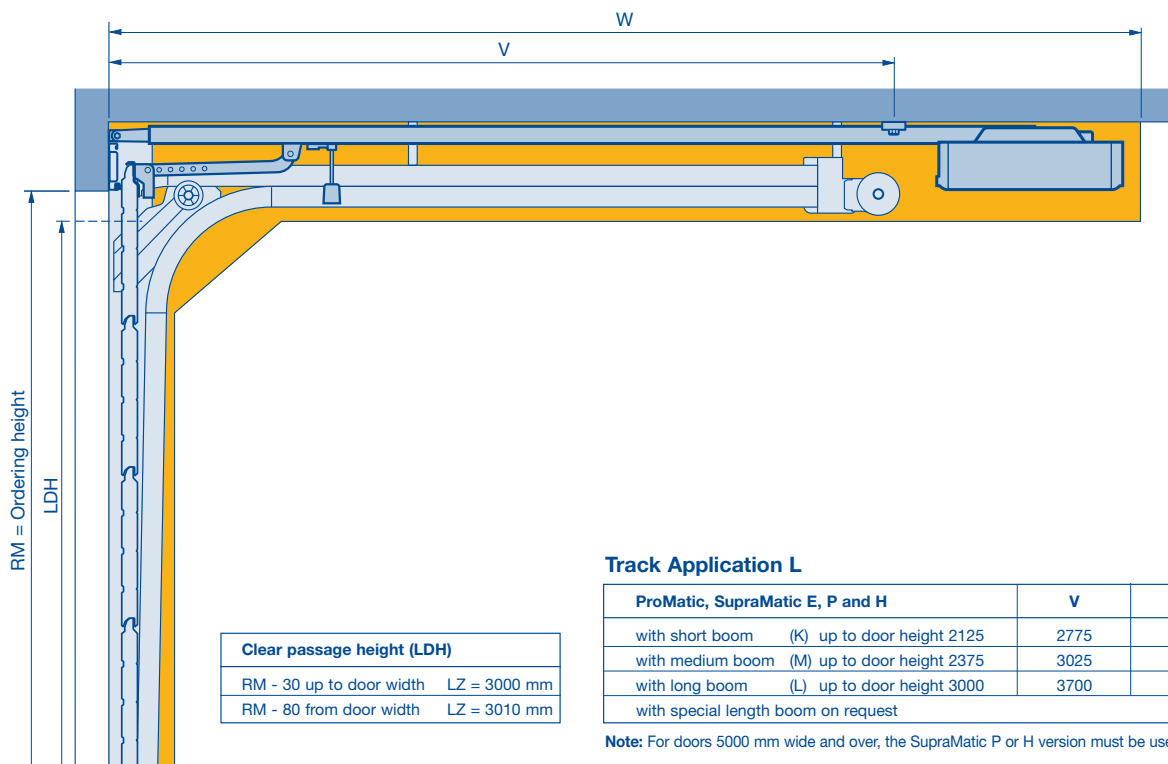
ProMatic, SupraMatic E, P and H		V	W
with short boom (K)	up to door height 2250	2775	3200
with medium boom (M)	up to door height 2500	3025	3450
with long boom (L)	up to door height 3000	3700	4125
with special length boom on request			

**Note:** For doors 5000 mm wide and over, the SupraMatic P or H version must be used.

For further details refer to the ProMatic and SupraMatic E/P/H Installation and Operating Instructions.

# Garage Door Operators

ProMatic, SupraMatic E, P, H

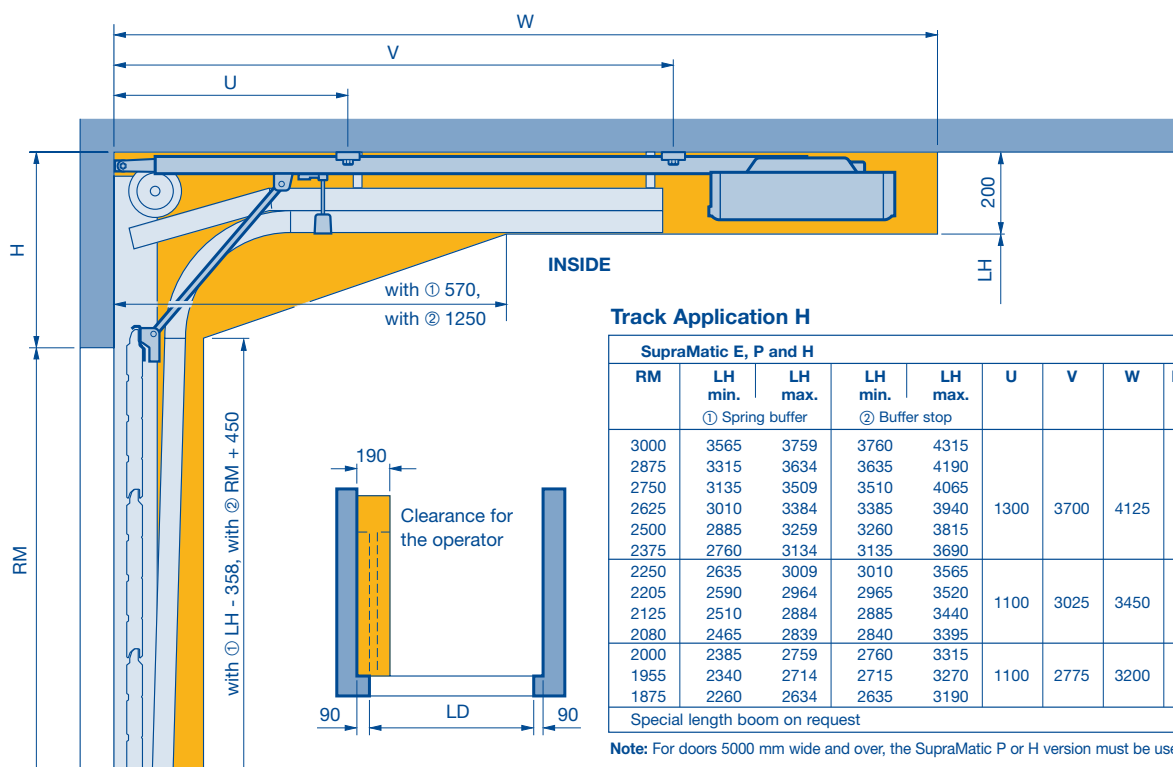


Clear passage height (LDH)	
RM - 30 up to door width	LZ = 3000 mm
RM - 80 from door width	LZ = 3010 mm

## Track Application L

ProMatic, SupraMatic E, P and H	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		

Note: For doors 5000 mm wide and over, the SupraMatic P or H version must be used.



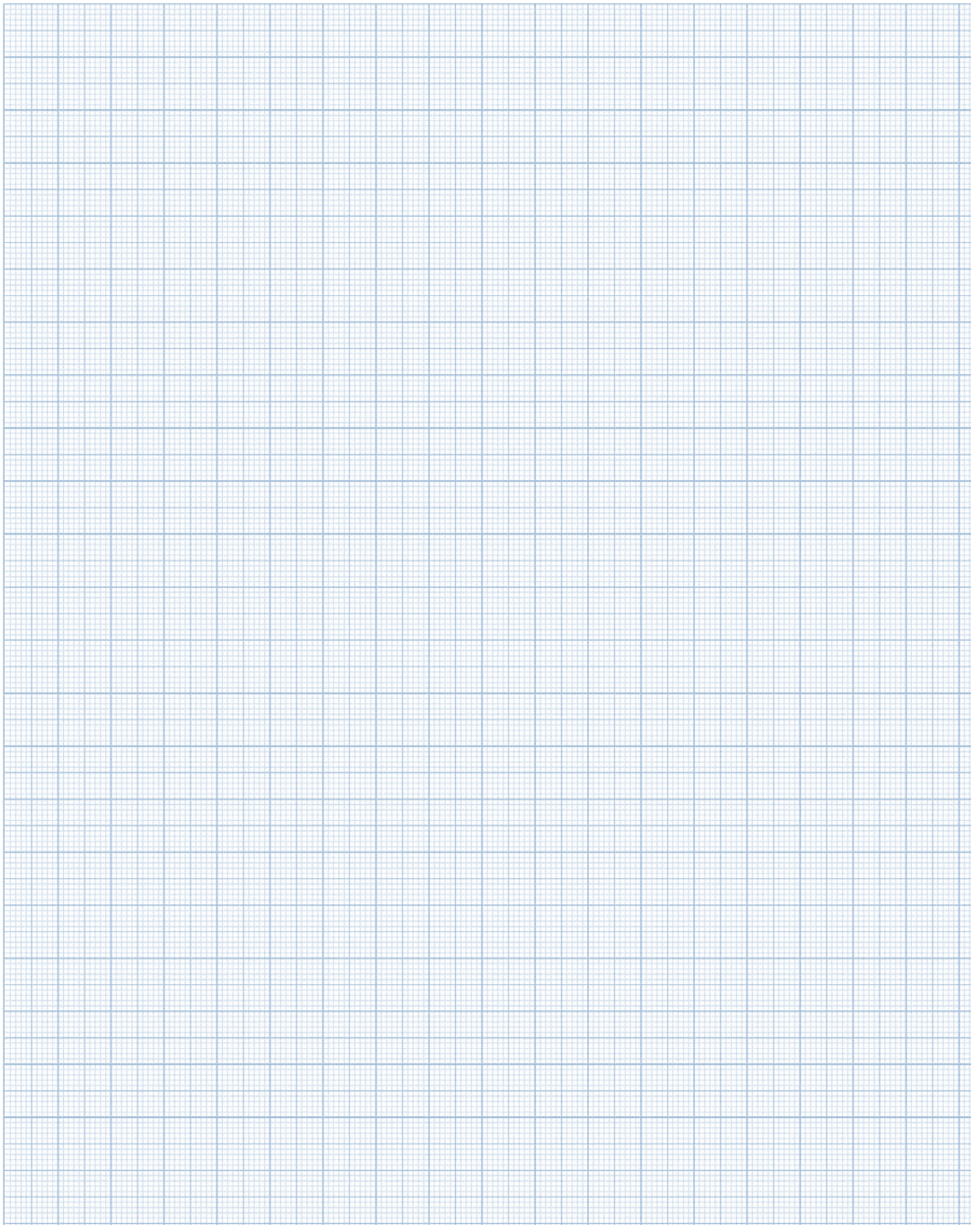
## Track Application H

RM	LH min.   LH max.		LH min.   LH max.		U	V	W	Length of operator boom
	① Spring buffer	② Buffer stop	① Spring buffer	② Buffer stop				
3000	3565	3759	3760	4315	1300	3700	4125	L = 3925
2875	3315	3634	3635	4190				
2750	3135	3509	3510	4065				
2625	3010	3384	3385	3940				
2500	2885	3259	3260	3815				
2375	2760	3134	3135	3690	1100	3025	3450	M = 3250
2250	2635	3009	3010	3565				
2205	2590	2964	2965	3520				
2125	2510	2884	2885	3440				
2080	2465	2839	2840	3395	1100	2775	3200	K = 3000
2000	2385	2759	2760	3315				
1955	2340	2714	2715	3270				
1875	2260	2634	2635	3190	Special length boom on request			

Note: For doors 5000 mm wide and over, the SupraMatic P or H version must be used.

For further details refer to the ProMatic and SupraMatic E/P/H Installation and Operating Instructions.

# Notes



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**OPERATORS**

**INDUSTRIAL DOORS**

**LOADING EQUIPMENT**

**HINGED DOORS**

**DOOR FRAMES**

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