// LPU 40 Now with Tension Spring Technology

Sectional Garage Doors

Technical Manual: Issue 1.3.2006

HÖRMANN

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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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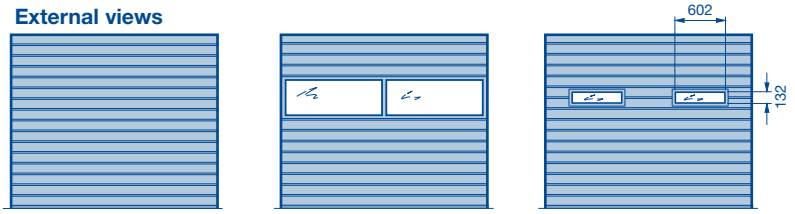
All dimensions in mm.
Subject to design modifications.

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

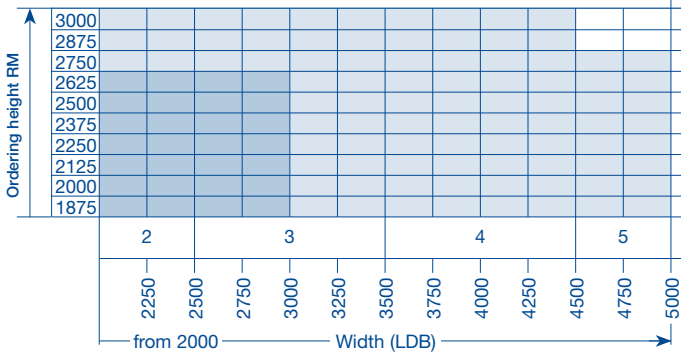
Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	125	3930
3750 x 2125	4	531	133	3930
3750 x 2250	4	562	141	3930
4000 x 2000	4	500	125	4180
4000 x 2125	4	531	133	4180
4000 x 2250	4	562	141	4180
4250 x 2000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



No. of door sections	Door section height	Rib spacing
6	500	125
6	479	120
5	550	138
5	525	131
5	500	125
5	475	119
4	562	141
4	531	133
4	500	125
4	468	117

Number of window panes across per section

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 cm² per m door width
Ventilation slots in bottom seal, ventilation area 65 cm² per m door width
Aluminium frame with expanded wire-mesh Ventilation area 58%

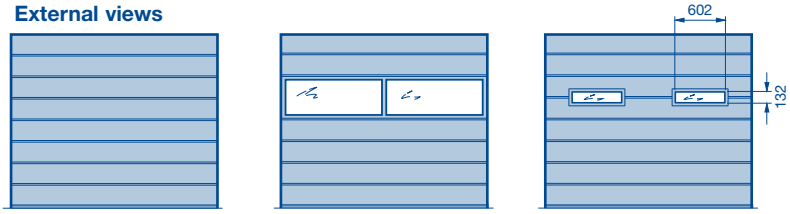
Glazing options
Aluminium frame (standard profile NF)
Glazing Type D, 3 mm

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

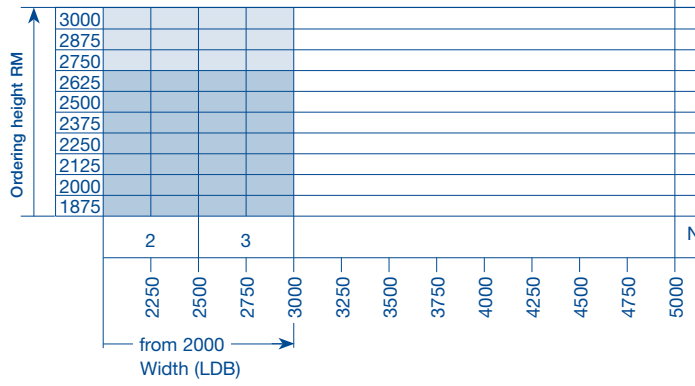
Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	234	2430
2250 x 2000	4	500	250	2430
2250 x 2125	4	531	265	2430
2375 x 1875	4	468	234	2555
2375 x 2000	4	500	250	2555
2375 x 2125	4	531	265	2555
2375 x 2250	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.



No. of door sections	Door section height	Rib spacing
6	500	250
6	479	239
5	550	275
5	525	262
5	500	250
5	475	237
4	562	281
4	531	265
4	500	250
4	468	234

Number of window panes across per section

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 cm² per m door width
Ventilation slots in bottom seal, ventilation area 65 cm² per m door width
Aluminium frame with expanded wire-mesh Ventilation area 58%

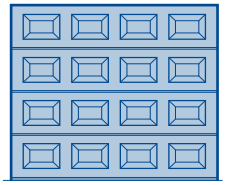
Glazing options
Aluminium frame (standard profile NF)
Glazing Type D, 3 mm

Sectional Door LTE 40

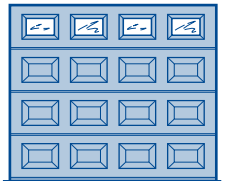
Single-Skinned Steel Sections
S-Panelled
Woodgrain

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.

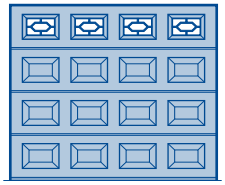
External views (The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.)



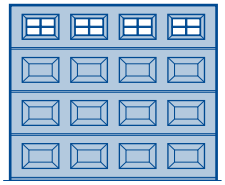
Basic model



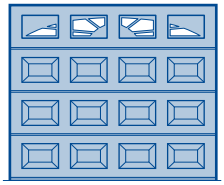
Design S0



Design S1 with decorative lattice (rhombus)



Design S2 with decorative lattice (cross)



Design S10

Standard sizes

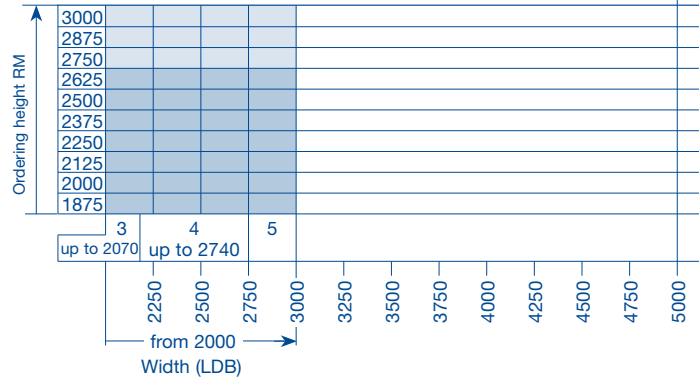
Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
2250 x 1875	4	468	2430
2250 x 2000	4	500	2430
2250 x 2125	4	531	2430
2375 x 1875	4	468	2555
2375 x 2000	4	500	2555
2375 x 2125	4	531	2555
2375 x 2250	4	562	2555
2500 x 1875	4	468	2680
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.



No. of door sections	Door section height
6	500
6	479
5	550
5	525
5	500
5	475
4	562
4	531
4	500
4	468

Number of panels per door section

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 cm² per m door width
Ventilation slots in bottom seal, ventilation area 65 cm² per m door width

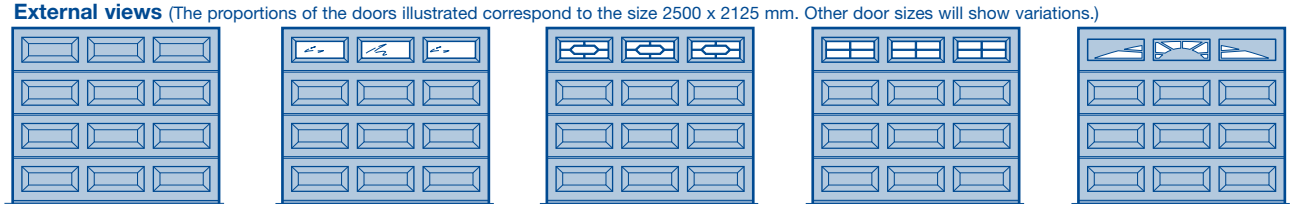
Glazing options - panel windows Panes, clear or crystal structure, 3 mm
Design S0, S1, S2
Design S10, S20 (see p. 21)

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.)



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

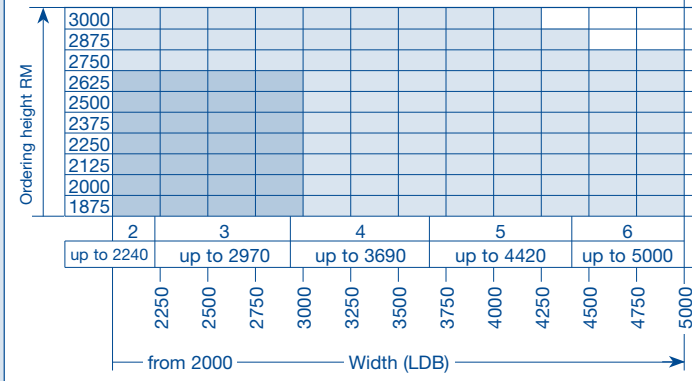
Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	3930
3750 x 2125	4	531	3930
3750 x 2250	4	562	3930
4000 x 2000	4	500	4180
4000 x 2125	4	531	4180
4000 x 2250	4	562	4180
4250 x 2000	4	500	4430
4250 x 2125	4	531	4430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



No. of door sections	Door section height
6	500
6	479
5	550
5	525
5	500
5	475
4	562
4	531
4	500
4	468

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 cm² per m door width	Ventilation slots in bottom seal, ventilation area 65 cm² per m door width

Glazing options - Panel windows
Panes, clear or crystal structure, 3 mm

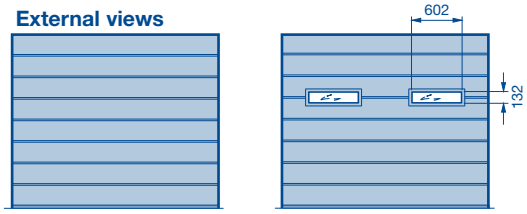
Design M0, M1, M2	Design M10, M20, M30, M40, M50 (see p. 21)

Sectional Door EPU 40

Double-Skinned Steel Sections
M-Ribbed
Woodgrain

Door leaf:
- Double-skinned, PU foam insulated door sections 42/20, outside Woodgrain embossed, inside stucco-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 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

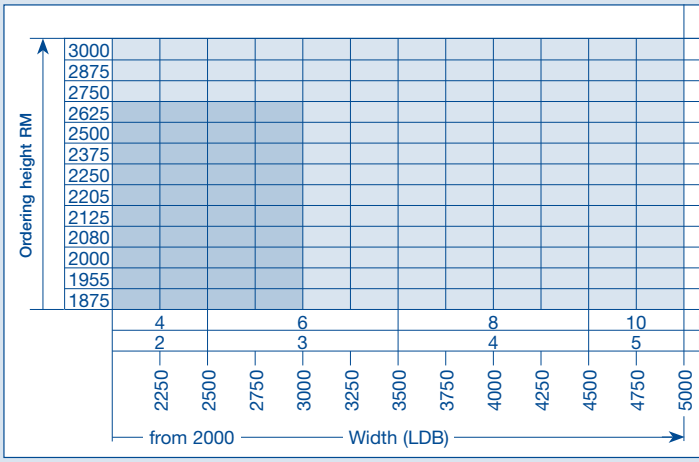
Ordering size LDB RM Width x Height	No. of door sections	Door section height	Rib spacing	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	250	3930
3750 x 2125	4	531	265	3930
3750 x 2250	4	562	281	3930
4000 x 2000	4	500	250	4180
4000 x 2125	4	531	265	4180
4000 x 2250	4	562	281	4180
4250 x 2000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

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

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.



No. of door sections	Door section height	Rib spacing
6	500	250
6	479	239
5	550	275
5	525	262
5	500	250
5	475	237
4	562	281
4	550	275
4	531	265
4	520	260
4	500	250
4	488	244
4	468	234

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 cm² per m door width	Ventilation grille, ventilation area 40 cm² each

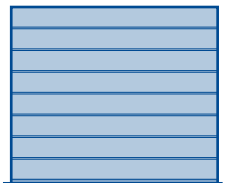
Glazing options
Glazing type D, 16 mm

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.

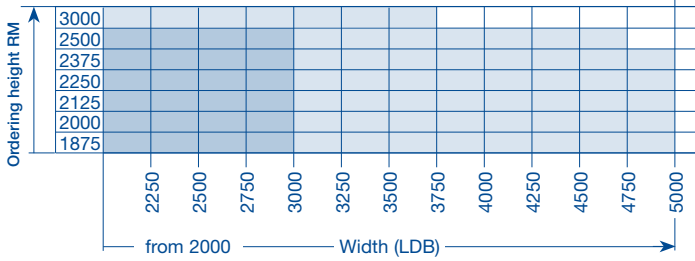
Standard sizes

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.



No. of door sections	Door section height	Rib spacing
6	500	250
5	500	250
5	475	237
4	562	281
4	531	265
4	500	250
4	468	234

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

Ventilation

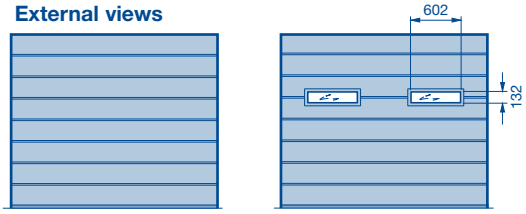
Ventilation slots in bottom seal,
ventilation area 65 cm² per m door width

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.

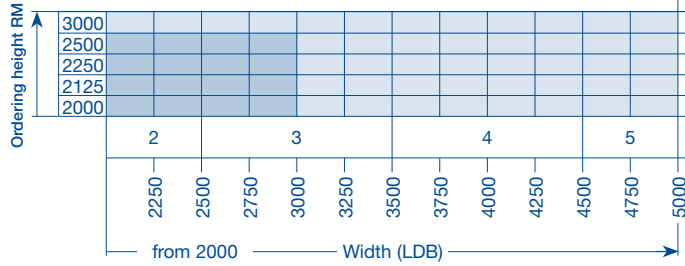
Standard sizes

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.



No. of door sections	Door section height	Rib spacing
6	500	250
5	500	250
4	562	281
4	531	265
4	500	250

Number of windows

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 cm² per m door width

Glazing options

Glazing
type D, 16 mm

Sectional Door EPU 40

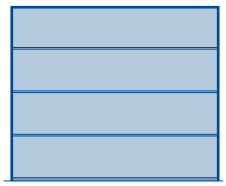
Double-Skinned Steel Sections

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.

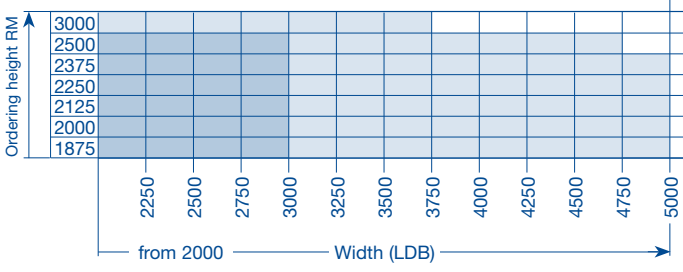
Standard sizes

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.



No. of door sections	Door section height
6	500
5	500
5	475
4	562
4	531
4	500
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 cm² per m door width

Sectional Door EPU 40

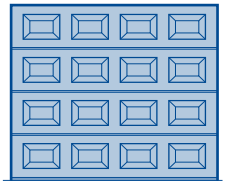
Double-Skinned Steel Sections

S-Panelled

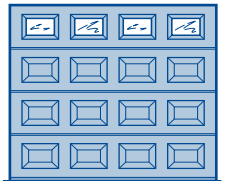
Woodgrain

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.

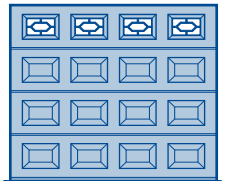
External views (The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.)



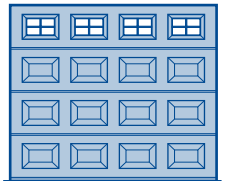
Basic model



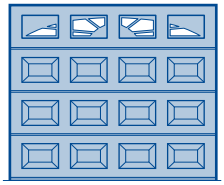
Design S0



Design S1 with decorative lattice (rhombus)



Design S2 with decorative lattice (cross)



Design S10

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

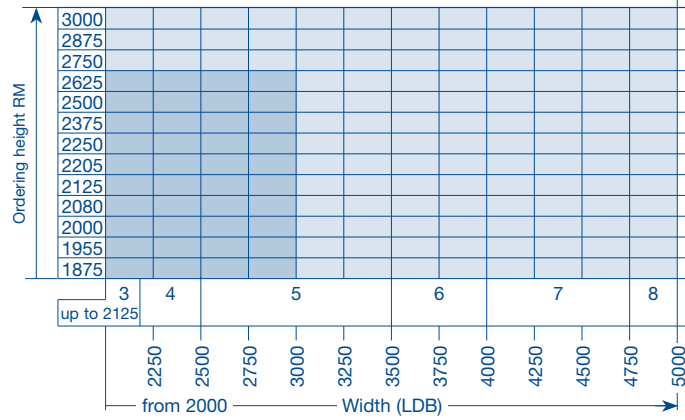
Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
3750 x 2000	4	500	3930
3750 x 2125	4	531	3930
3750 x 2250	4	562	3930
4000 x 2000	4	500	4180
4000 x 2125	4	531	4180
4000 x 2250	4	562	4180
4250 x 2000	4	500	4430
4250 x 2125	4	531	4430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



No. of door sections	Door section height
6	500
6	479
5	550
5	525
5	500
5	475
4	562
4	550
4	531
4	520
4	500
4	488
4	468

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 cm² per m door width

Glazing options - panel windows

Panes, clear or crystal structure, 16 mm

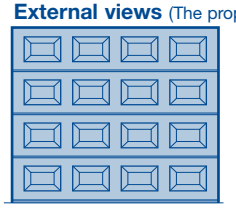
Design S0, S1, S2	Design S10, S20, S30, S40, S50, S60 (see p. 21)

Sectional Door EPU 40

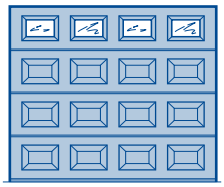
Double-Skinned Steel Sections
S-Panelled
Decograin®

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.

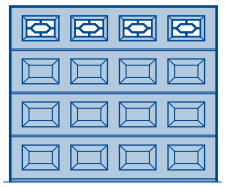
External views (The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.)



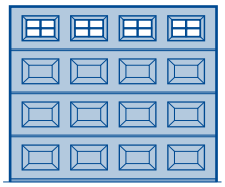
Basic model



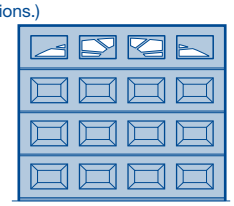
Design S0



Design S1 with decorative lattice (rhombus)



Design S2 with decorative lattice (cross)



Design S10

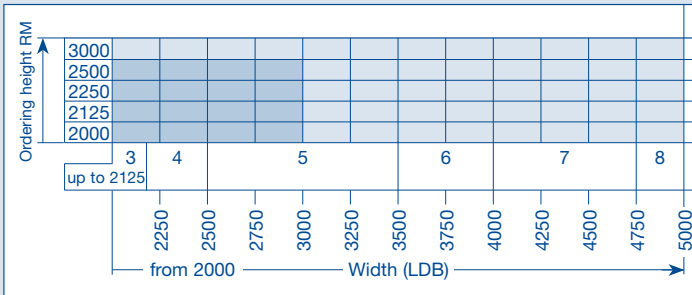
Standard sizes

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.



No. of door sections	Door section height
6	500
5	500
4	562
4	531
4	500

Number of panels per door section

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 cm² 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

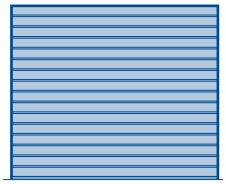
Double-Skinned Steel Sections

S-Ribbed

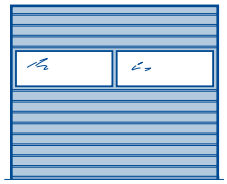
Woodgrain

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

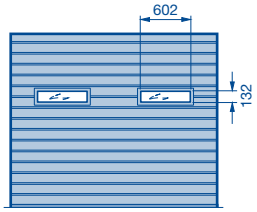
External views



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

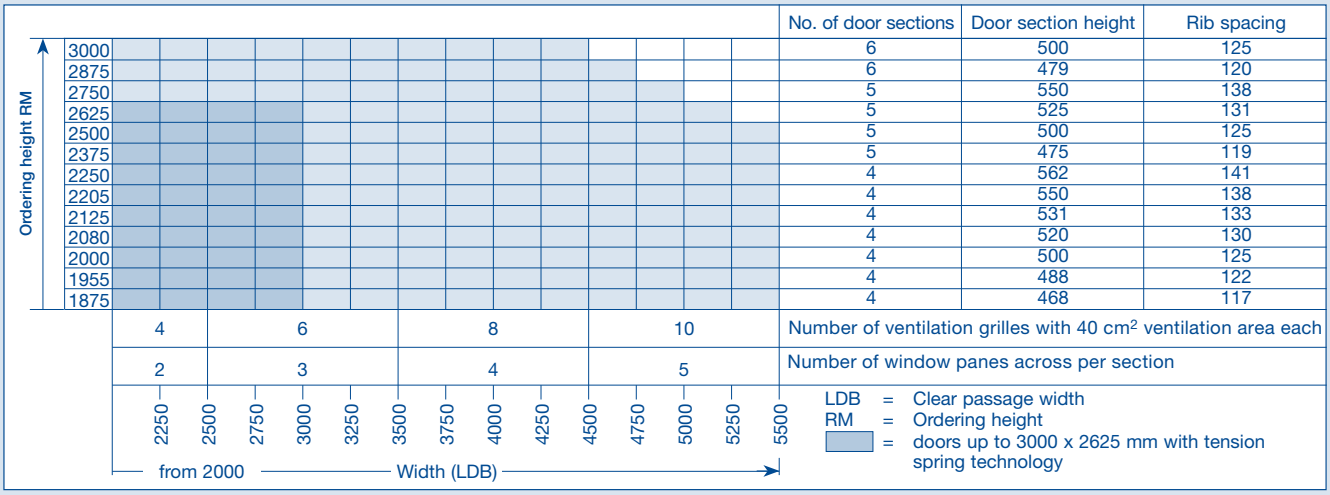
For ceiling height and clear passage see track applications (pages 26 and 27).

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.



No. of door sections	Door section height	Rib spacing
6	500	125
6	479	120
5	550	138
5	525	131
5	500	125
5	475	119
4	562	141
4	550	138
4	531	133
4	520	130
4	500	125
4	488	122
4	468	117

Number of ventilation grilles with 40 cm² ventilation area each

Number of window panes across per section

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 cm² per m door width	Ventilation grille, ventilation area 40 cm² each

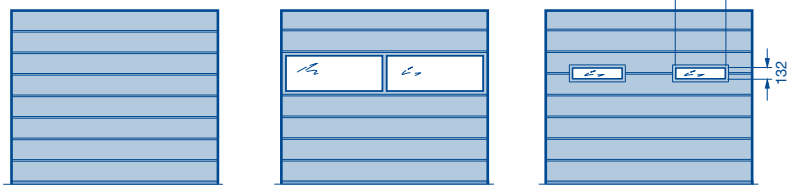
Glazing options	
Aluminium frame (standard profile NF)	Glazing type D, 16 mm

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

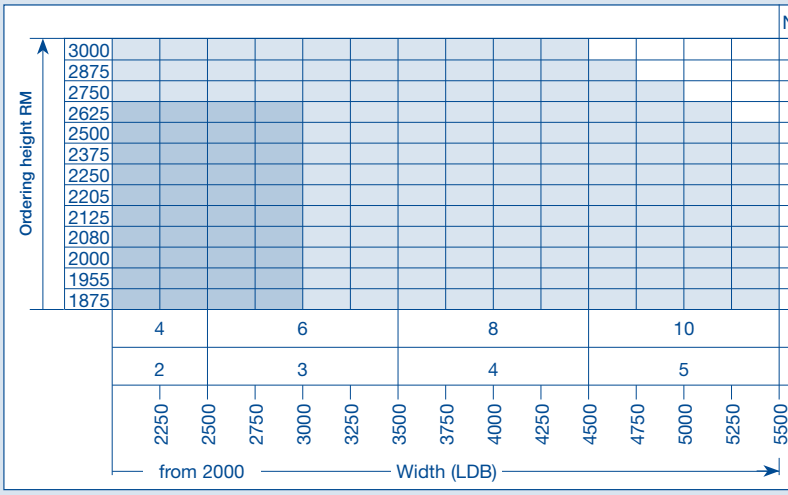
For ceiling height and clear passage see track applications (pages 26 and 27).

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.



No. of door sections	Door section height	Rib spacing
6	500	250
6	479	239
5	550	275
5	525	262
5	500	250
5	475	237
4	562	281
4	550	275
4	531	265
4	520	260
4	500	250
4	488	244
4	468	234

Number of ventilation grilles with 40 cm² ventilation area each

Number of window panes across per section

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 cm² per m door width	Ventilation grille, ventilation area 40 cm² each

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

Sectional Door LPU 40

Double-Skinned Steel Sections

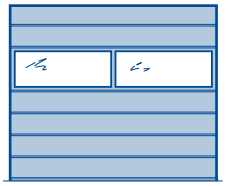
M-Ribbed

Silkgrain®

Door leaf:
- Double-skinned, PU foam insulated door sections, outside Silkgrain® embossed, inside stucco embossed.
- 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

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

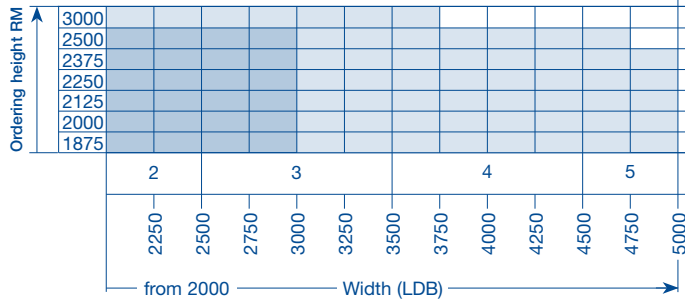
Standard sizes

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
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 are possible.



No. of door sections	Door section height	Rib spacing
6	500	250
5	500	250
5	475	237
4	562	281
4	531	265
4	500	250
4	468	234

Number of window panes across per section

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 cm² per m door width

Glazing options

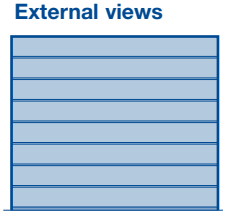
Aluminium frame (standard profile NF)

Sectional Door LPU 40

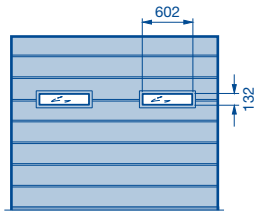
Double-Skinned Steel Sections
M-Ribbed
Decograin®

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.

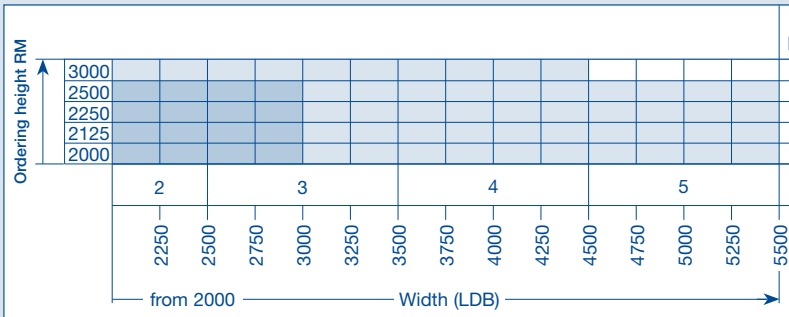
Standard sizes

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.



	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

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 cm² per m door width

Glazing options

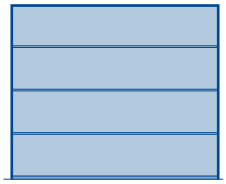
Glazing type D, 16 mm

Sectional Door LPU 40

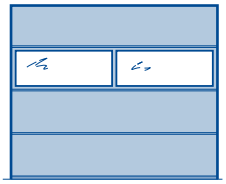
Double-Skinned Steel Sections
L-Ribbed
Woodgrain

Door leaf:
- Double-skinned, PU foam insulated door sections , outside Woodgrain embossed, inside stucco embossed.
- Equal-height door sections, 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.

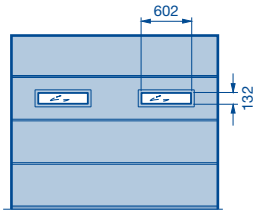
External views



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	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

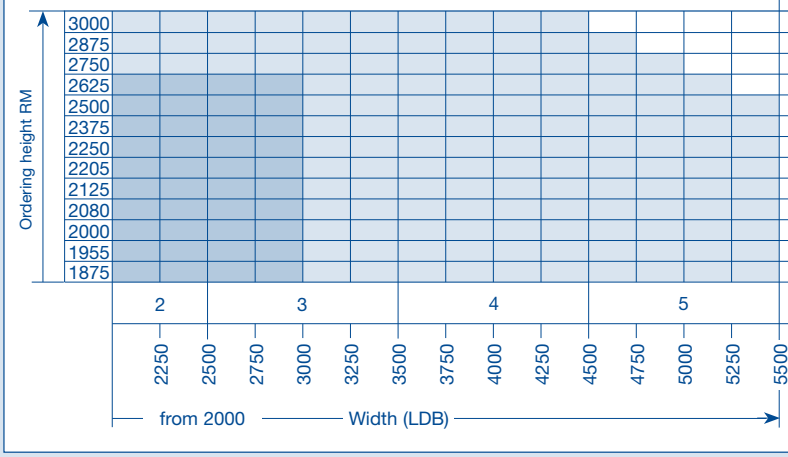
For ceiling height and clear passage see track applications (pages 26 and 27).

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 in one of the ordering heights shown. Intermediate heights are possible.



No. of door sections	Door section height
6	500
6	479
5	550
5	525
5	500
5	475
4	562
4	550
4	531
4	520
4	500
4	488
4	468

Number of window panes across per section

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 cm² per m door width

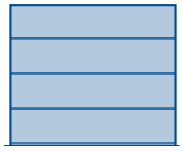
Glazing options	
Aluminium frame (standard profile NF)	Glazing type D, 16 mm

Sectional Door LPU 40

Double-Skinned Steel Sections
L-Ribbed
Silkgrain®

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

External views



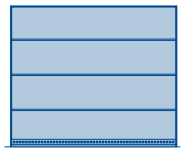
Basic model

with aluminium frame

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

* Designs 461, 462, 463 and 469 with synthetic double panes, clear or crystal structure. Clear view 160 x 160 mm, design 469 Ø 200 mm.

Special designs (Aluminium glazing frame and intermediate heights are not possible!)

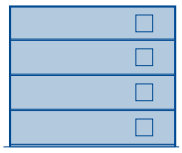


Design 450

Design 451/461*

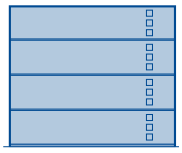
Design 452/462*

Design 453/463*

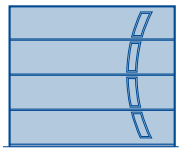


Design 454

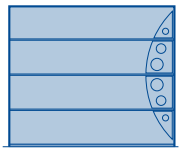
Design 455



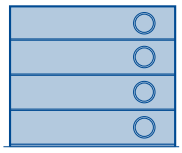
Design 456



Design 457



Design 458



Design 459/469*

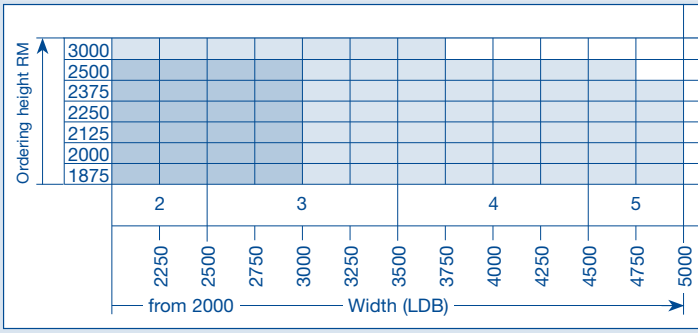
Standard sizes

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)
2250 x 1875	4	468	2430
2250 x 2000	4	500	2430
2250 x 2125	4	531	2430
2375 x 2000	4	500	2555
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

Ordering size LDB RM Width x Height	No. of door sections	Door section height	Min. width inside garage (LDB +2 x 90mm)
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
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

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 (except for special designs).



No. of door sections	Door section height
6	500
5	500
5	475
4	562
4	531
4	500
4	468

Number of window panes across per section

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 cm² per m door width

Glazing options

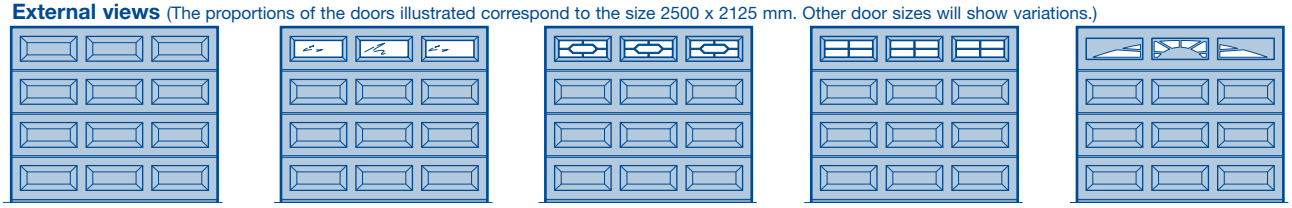
Aluminium frame (standard profile NF)

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

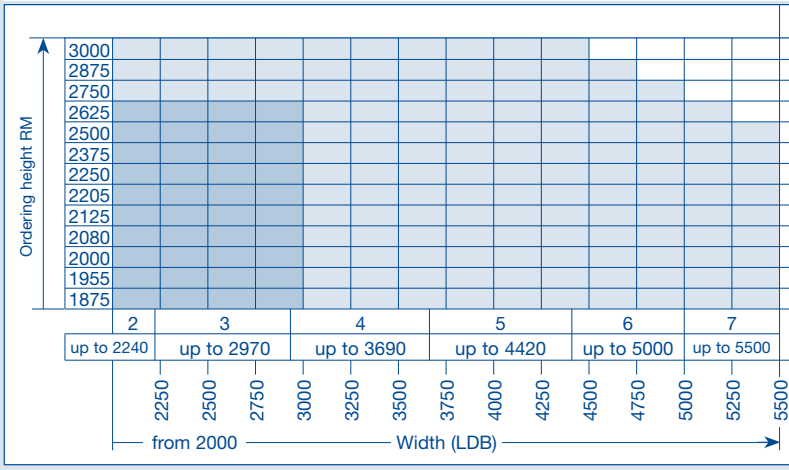
For ceiling height and clear passage see track applications (pages 26 and 27).

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.



No. of door sections	Door section height
6	500
6	479
5	550
5	525
5	500
5	475
4	562
4	550
4	531
4	520
4	500
4	488
4	468

Number of panels per door section

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 cm² per m door width

Glazing options - panel windows

Double panes, clear or crystal structure, 16 mm

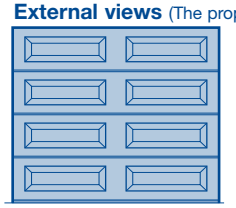
Design M0, M1, M2 | Design M10, M20, M30, M40, M50 (see p. 21)

Sectional Door LPU 40

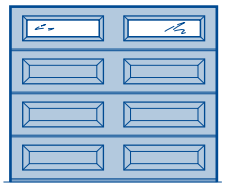
Double-Skinned Steel Sections
L-Panelled
Woodgrain

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.

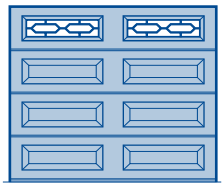
External views (The proportions of the doors illustrated correspond to the size 2500 x 2125 mm. Other door sizes will show variations.)



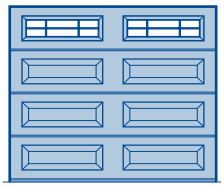
Basic model



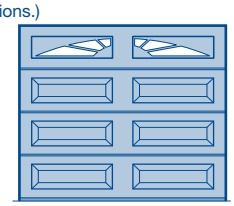
Design L0



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 cm² per m door width

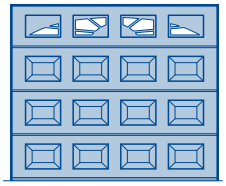
Glazing options - panel windows Double panes, clear or crystal structure, 16 mm
Design L0, L1, L2
Design L10, L20, L30, L40 (see p. 21)

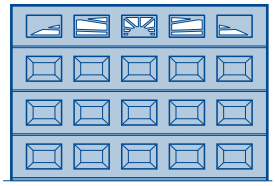
Sunrise Glazing

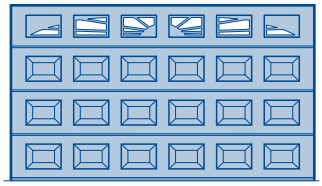
for Sectional Doors
LTE 40/EPU 40/LPU 40

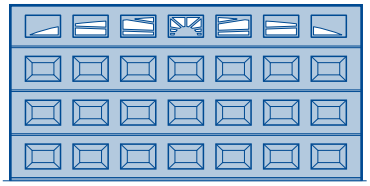
External views

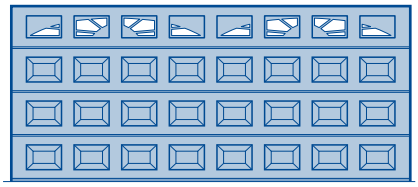
Sunrise glazing for sectional doors ETE 40/EPU 40 for standard and special sizes
Glazing options for type S-panelled (not possible for doors with 3 panels per section)

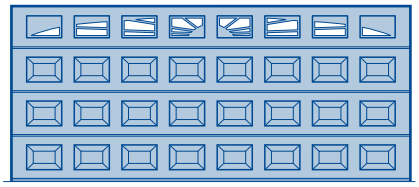

Design S10


Design S20

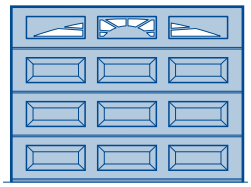

Design S30

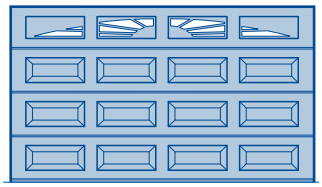

Design S40

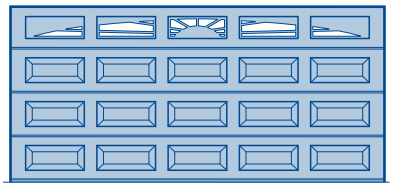

Design S50

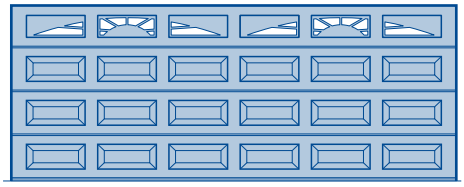

Design S60

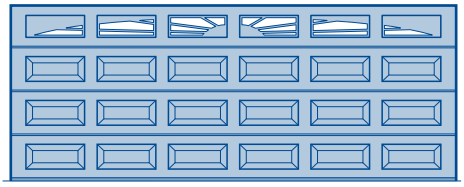
Sunrise glazing for sectional doors LTE 40/LPU 40 for standard and special sizes
Glazing options for M-panelled type (not possible for doors with 2 or 7 panels per section)


Design M10

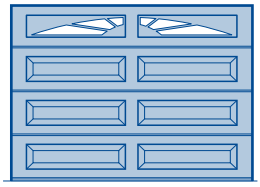

Design M20

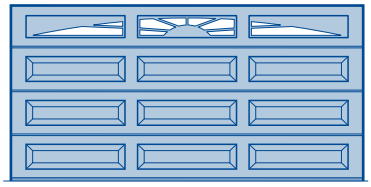

Design M30

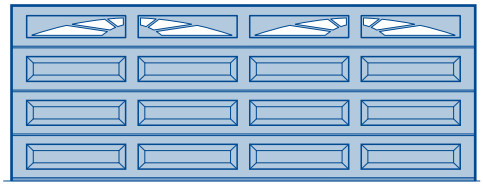

Design M40

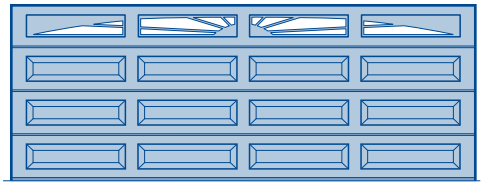

Design M50

Sunrise-glazing for LPU 40 sectional doors for standard sizes
Glazing options for L-panelled type


Design L10


Design L20


Design L30

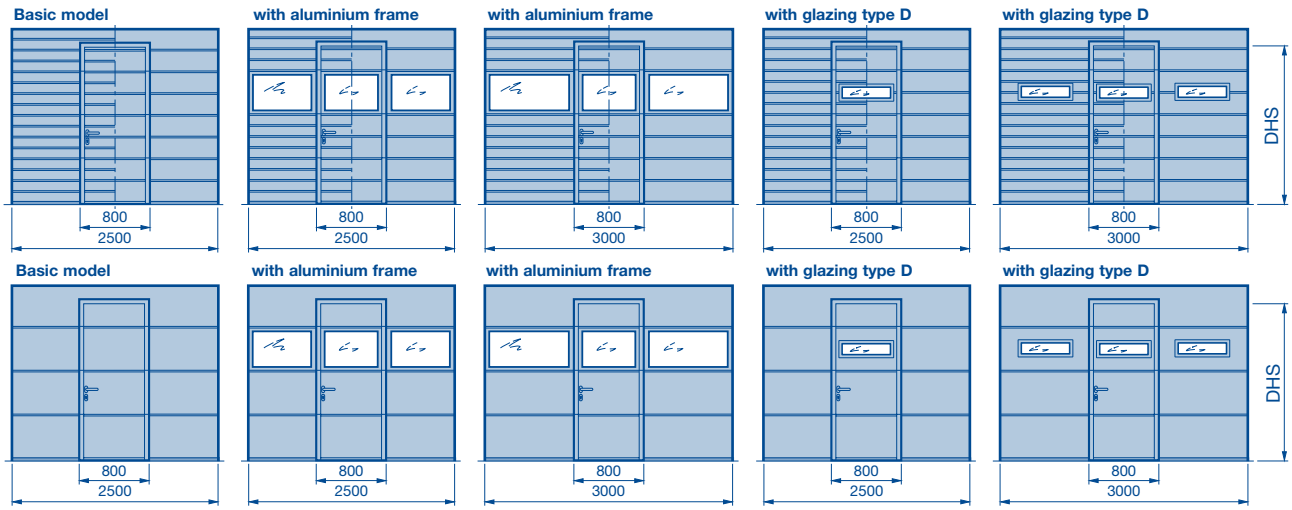

Design L40

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.

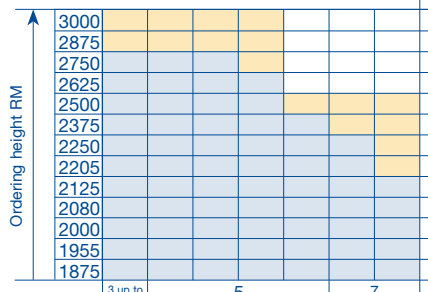
External views



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).



No. of door sections	Door section height	Passage height of wicket door DHS	Passage height of wicket door with transom glazing DHS	Handle height
6	500	1955	1955	831
6	479	1871	1871	799
5	550	2155	2155	906
5	525	2055	2055	868
5	500	1955	1955	831
5	475	1855	1855	793
4*	562	2123	2123	924
4*	550	2075	2075	906
4*	531	1999	1999	877
4*	520	1955	1955	861
4*	500	1875	1875	831
4*	488	1827	1827	813
4*	468	1747	1747	782

No. of ventilation grilles with 40 cm² each ventilation area

Number of infills in aluminium frame per door section

No. of type D panes per door section

*Glazing type D not possible in the top section of wicket door!

LDB = Clear passage width
RM = Ordering height
= except for garage doors with top aluminium frame

Note: 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 cm² each arrangement

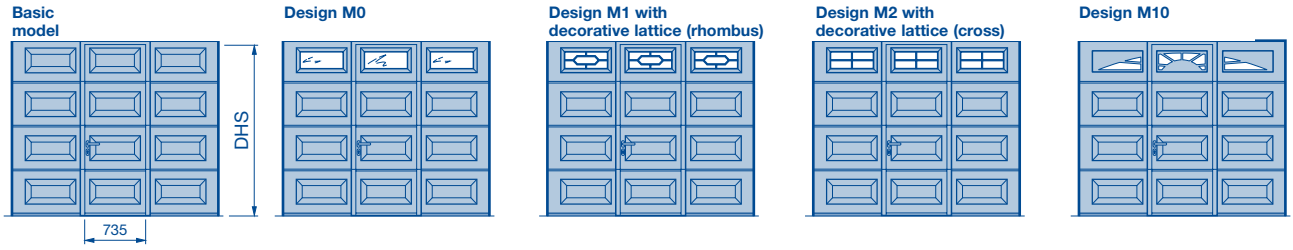
Glazing options (not for Decograin® version)	**S-/M-/L-ribbed**
Aluminium frame (standard profile NF)	•
Glazing type D, 16 mm	•

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).

Ordering height RM	No. of door sections	Door section height	Passage height of wicket door DHS	Handle height
3000	6	500	1955	831
2875	6	479	1871	799
2750	5	550	2155	906
2625	5	525	2055	868
2500	5	500	1955	831
2375	5	475	1855	793
2250	4	562	2203	924
2205	4	550	2155	906
2125	4	531	2079	877
2080	4	520	2035	861
2000	4	500	1955	831
1955	4	488	1907	813

3 up to 2970 | 4 up to 3690 | 5 — Number of panels or panel windows per door section

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!

Note:
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

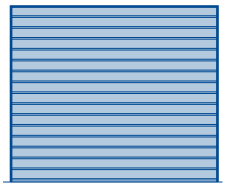
Sectional Door LTH 40

S-Boarded, V-Panelled

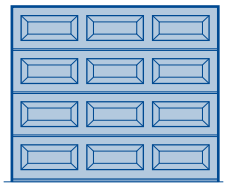
Nordic Pine/Hemlock

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.

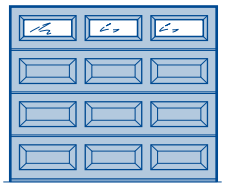
External views



Basic model S-boarded



Basic model V-panelled



with glazing V0

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

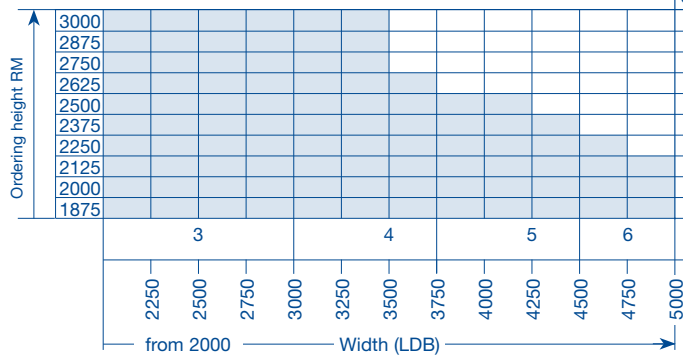
Standard sizes

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

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.



	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

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 cm² per m door width

Glazing options for panelled version only.
Panel windows, clear or crystal structure 3 mm

Polycarbonate pane

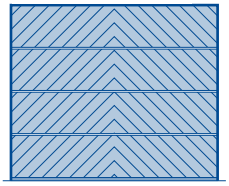
Sectional Door LTH 40 with Special Designs

Nordic Pine/Hemlock

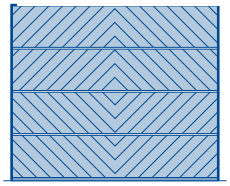
Door leaf:
- Solid timber sections in a choice of special designs
- Surface treated with pine impregnation to protect against insect and fungal attack
- Equal-height door sections
- Design 403 and 404 on request with natural stone infill
- For further details refer to the current product brochure.

External views

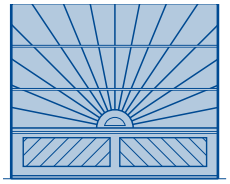
The proportions of the doors illustrated correspond to a door size of 2500 2125 mm. Other door sizes will show variations.



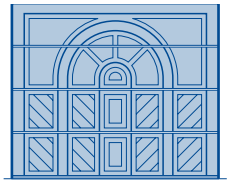
Design 401



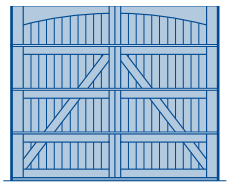
Design 402



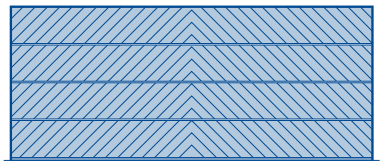
Design 403



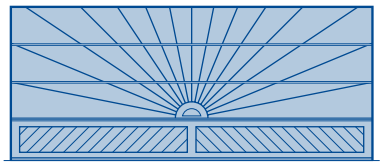
Design 404



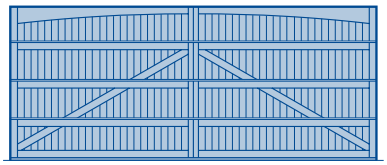
Design 405



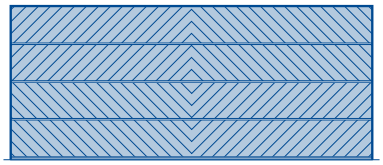
Design 401



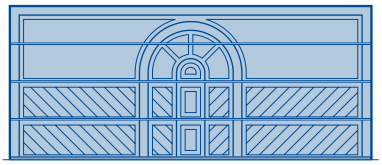
Design 403



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.

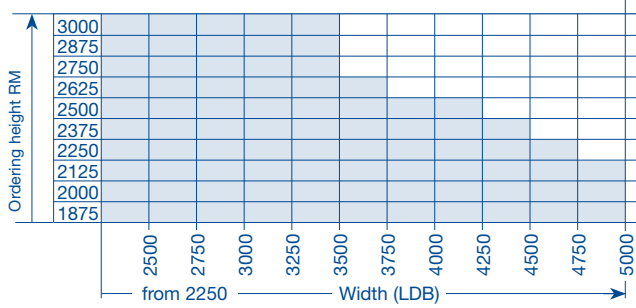
Standard sizes

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.



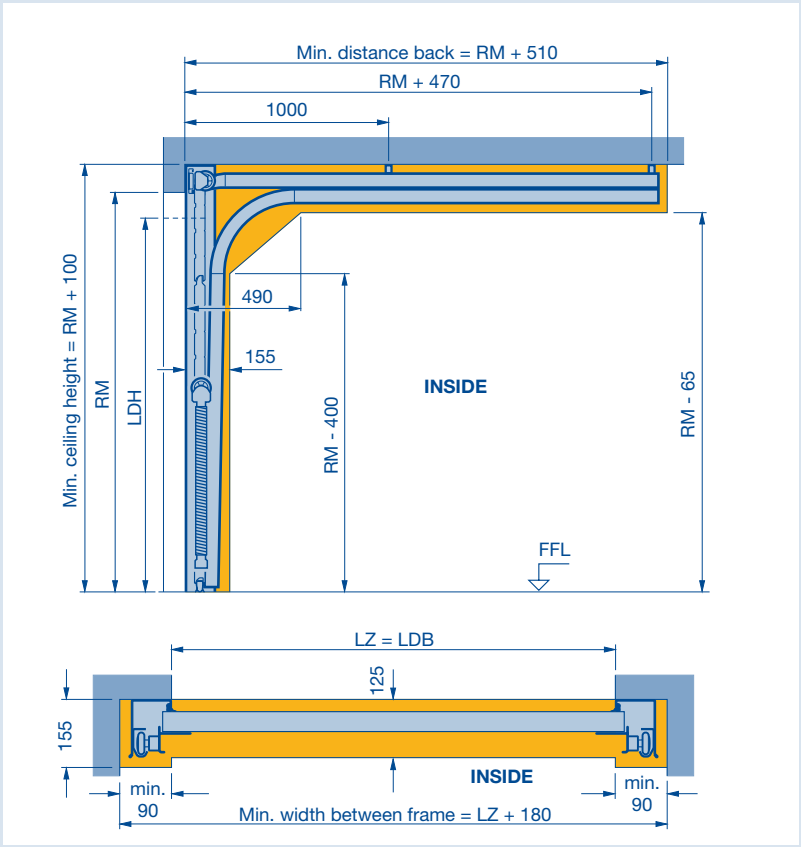
No. of door sections	Door section height
6	500
6	479
5	550
5	525
5	500
5	475
4	562
4	531
4	500
4	468

LDB = Clear passage width
RM = Ordering height

Note: LTH 40 sectional door only with torsion spring technology

Ventilation	Ventilation slots in bottom seal, ventilation area 65 cm² per m door width (standard)

Track Applications: Z, N



Z: Tension spring tracks

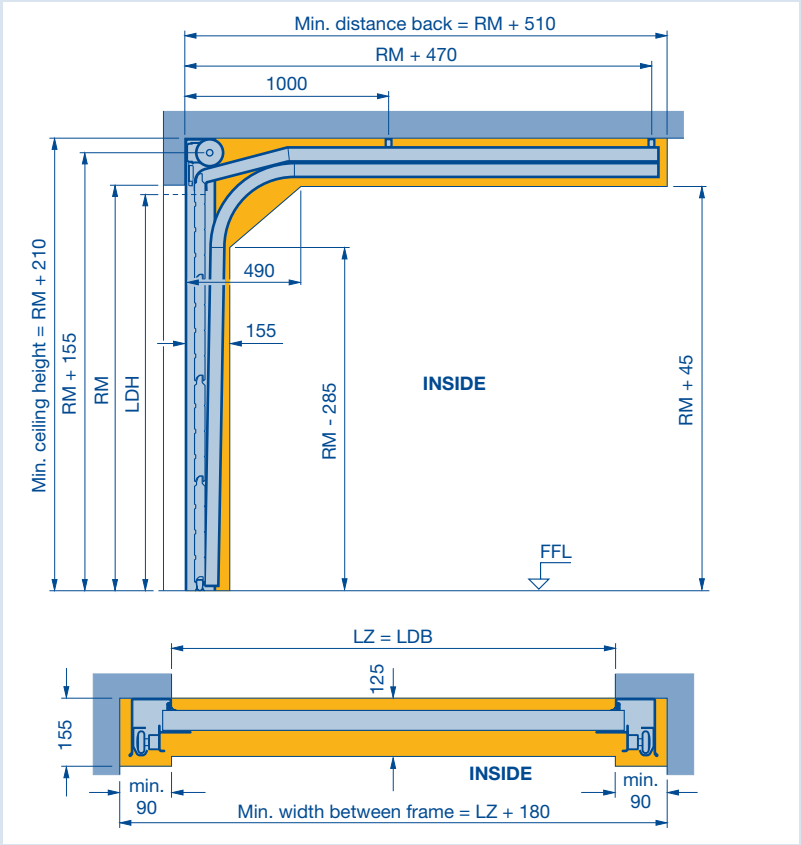
RM Height	Manual operation		Electric operation	
	min. ceiling height	LDH	min. ceiling height	LDH
	RM +100	RM -80	RM +115	RM -30
1875	1975	1795	1990	1845
1955	2055	1875	2070	1925
2000	2100	1920	2115	1970
2080	2180	2000	2195	2050
2125	2225	2045	2240	2095
2205	2305	2125	2320	2175
2250	2350	2170	2365	2220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

- 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

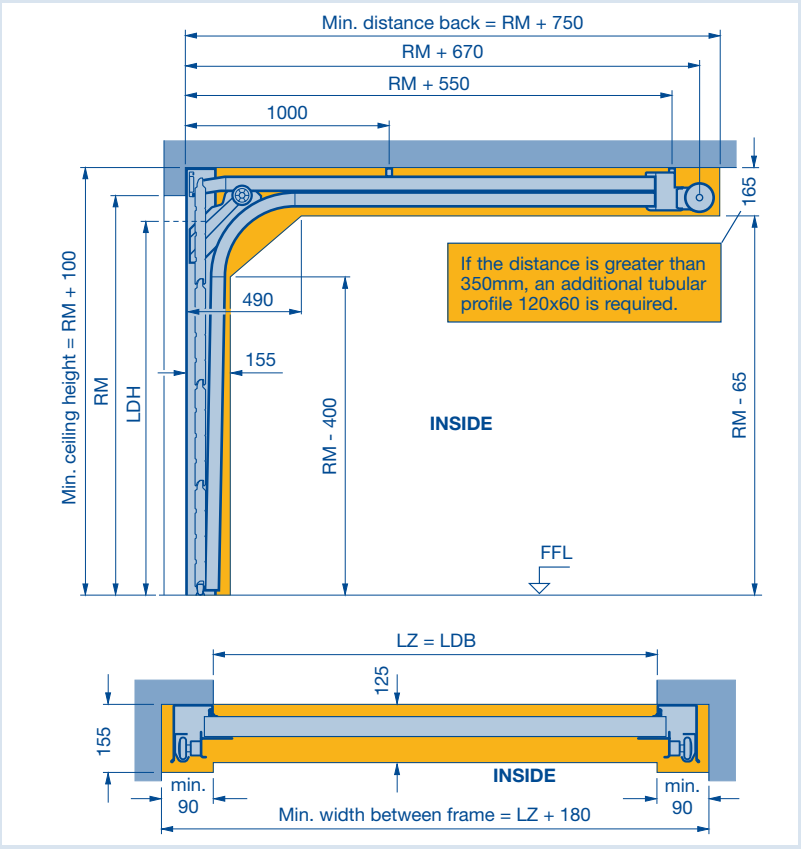
RM Height	Manual operation		Electric operation	
	min. ceiling height	LDH	min. ceiling height	LDH
	RM +210	RM -50	RM +210	RM
1875	2085	1825	2085	1875
1955	2165	1905	2165	1955
2000	2210	1950	2210	2000
2080	2290	2030	2290	2080
2125	2335	2075	2335	2125
2205	2415	2155	2415	2205
2250	2460	2200	2460	2250
2375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

- 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

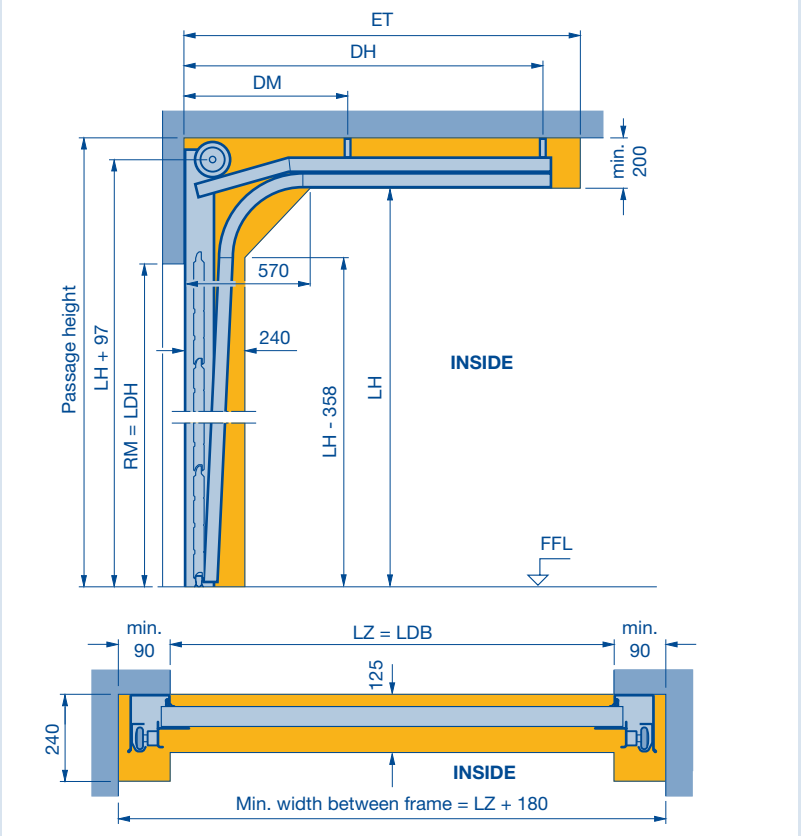
RM Height	Manual operation		Electric operation		
	min. ceiling height	LDH	min. ceiling height	LDH up to LZ = 3000 mm	LDH from LZ = 3010 mm
	RM +100	RM -100	RM +115	RM -30	RM -80
1875	1975	1775	1990	1845	1795
1955	2055	1855	2070	1925	1875
2000	2100	1900	2115	1970	1920
2080	2180	1980	2195	2050	2000
2125	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

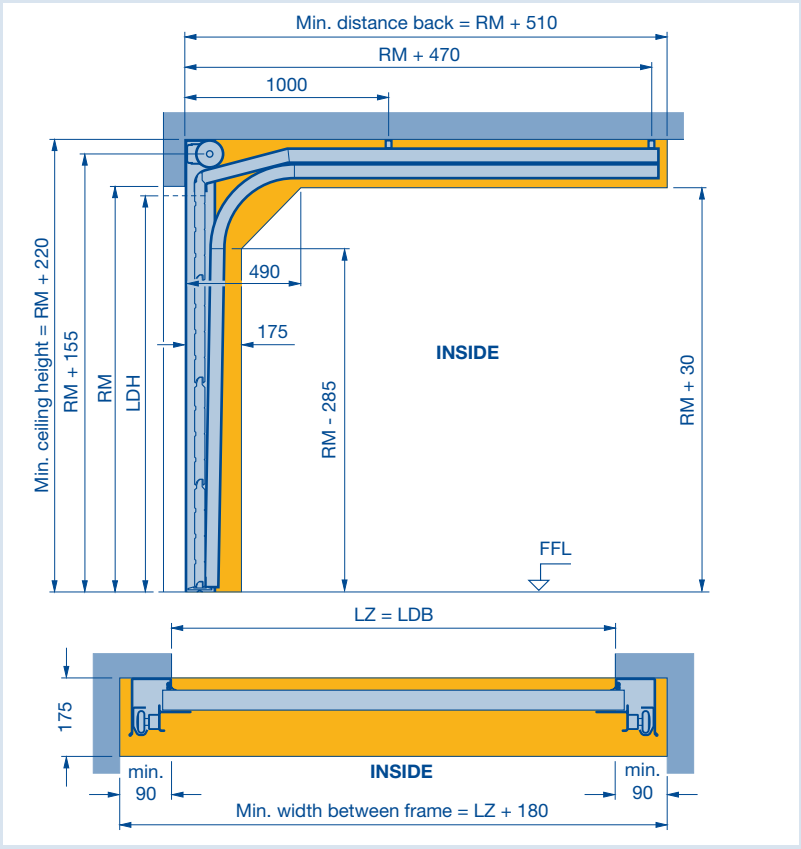
(only LTE 40, LTH 40 and LPU 40 without wicket pass door))

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 x RM + 690 – LH
  (2) = 2 x RM + 490 – LH > = 1500
- 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
	RM +220	RM -160	RM +235	RM -100
1875	2095	1715	2110	1775
1955	2175	1795	2190	1855
2000	2220	1840	2235	1900
2080	2300	1920	2315	1980
2125	2345	1965	2360	2025
2205	2425	2045	2440	2105
2250	2470	2090	2485	2150
2375	2595	2215	2610	2275
2500	2720	2340	2735	2400
2625	2845	2465	2860	2525
2750	2970	2590	2985	2650
2875	3095	2715	3110	2775
3000	3220	2840	3235	2900

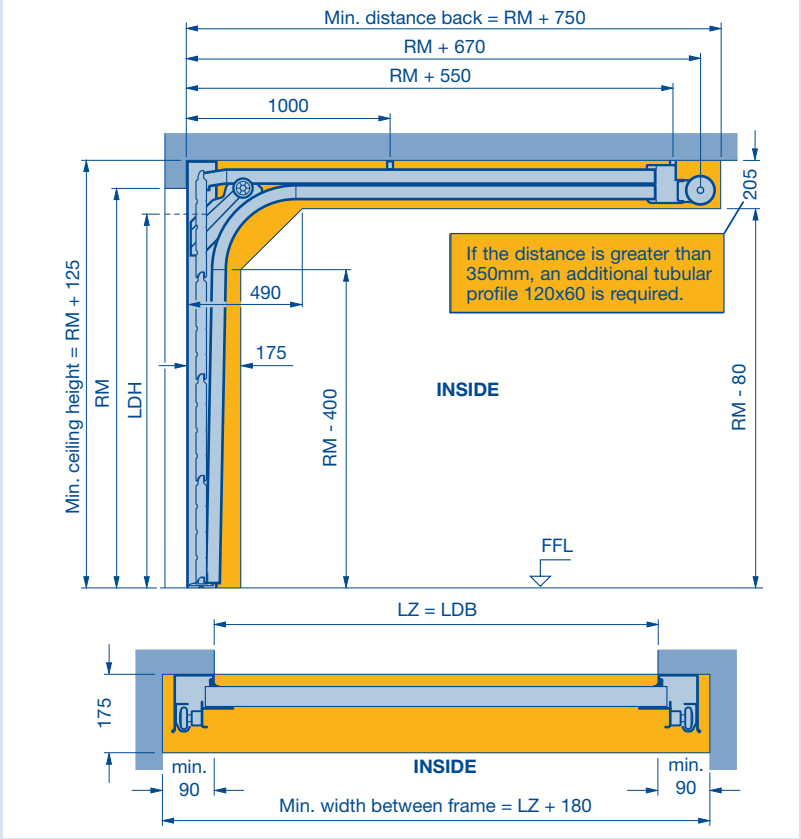
- LDB = Clear passage width
- LDH = Clear passage height
- RM = Ordering height
- LZ = Width between frame

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
	RM +125	RM -160	RM +125	RM -160
1875*	2000	1715	2000	1715
1955	2080	1795	2080	1795
2000	2125	1840	2125	1840
2080	2205	1920	2205	1920
2125	2250	1965	2250	1965
2205	2330	2045	2330	2045
2250	2375	2090	2375	2090
2375	2500	2215	2500	2215
2500	2625	2340	2625	2340
2625	2750	2465	2750	2465
2750	2875	2590	2875	2590
2875	3000	2715	3000	2715
3000	3125	2840	3125	2840

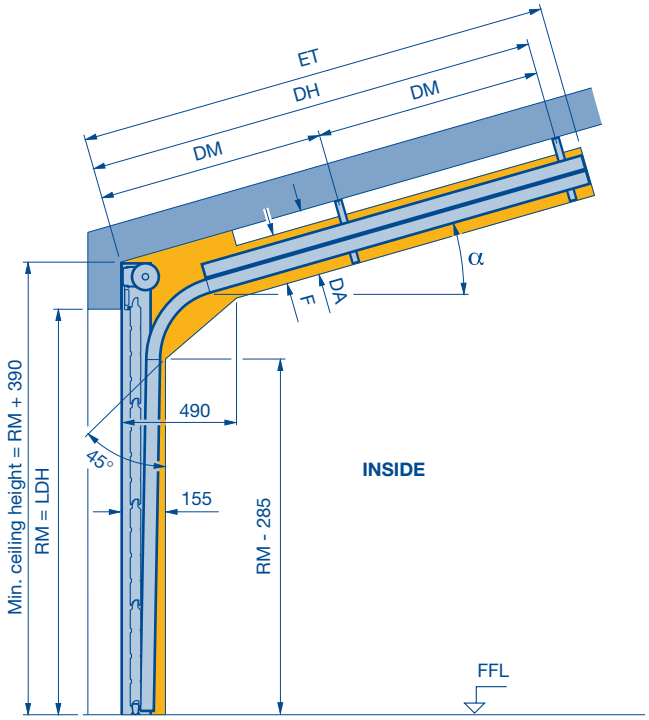
- LDB = Clear passage width
- LDH = Clear passage height
- RM = Ordering height
- LZ = Width between frame

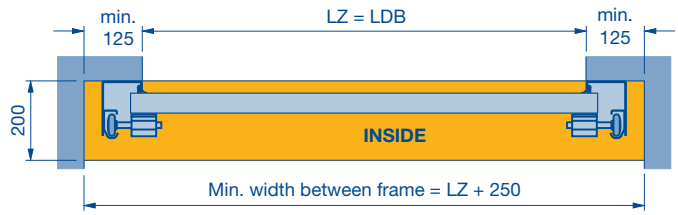
* These versions only apply to S-/M-/L-ribbed doors

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 – α x 6.5
- DH = Rear track support = RM + 195 – α x 6.5
- DM = Centre track support
- DA = Ceiling distance

Only to establish the pitch of the roof in degrees (α)

α	%	X (mm)	α	%	X (mm)
1	1,75	17,5	16	28,67	286,7
2	3,49	34,9	17	30,57	305,7
3	5,24	52,4	18	32,49	324,9
4	6,99	69,9	19	34,43	343,3
5	8,75	87,5	20	36,40	364,0
6	10,41	105,1	21	38,39	383,9
7	12,28	122,8	22	40,40	404,0
8	14,05	140,5	23	42,45	424,5
9	15,84	158,4	24	44,52	445,2
10	17,63	176,3	25	46,63	466,3
11	19,44	194,4	26	48,77	487,7
12	21,26	212,6	27	50,95	509,5
13	23,09	230,9	28	53,17	531,7
14	24,93	249,3	29	55,43	554,3
15	26,79	267,9	30	57,74	577,4

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

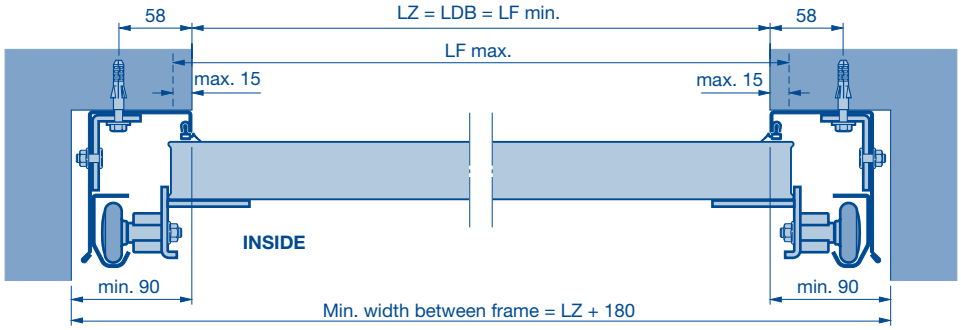
The clearance required for fitting the door must be free of obstructions, e.g. supply lines, heater fans etc.

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.

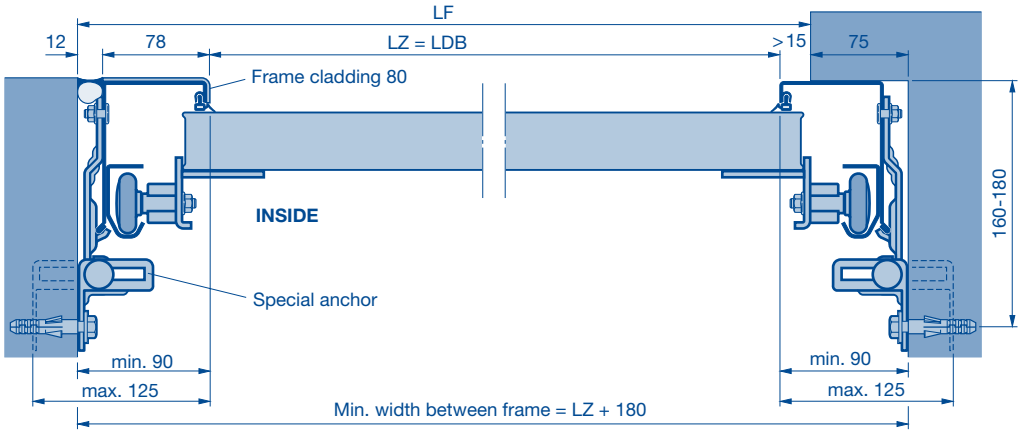
Sideroom Details

Track Applications Z, N, L, H

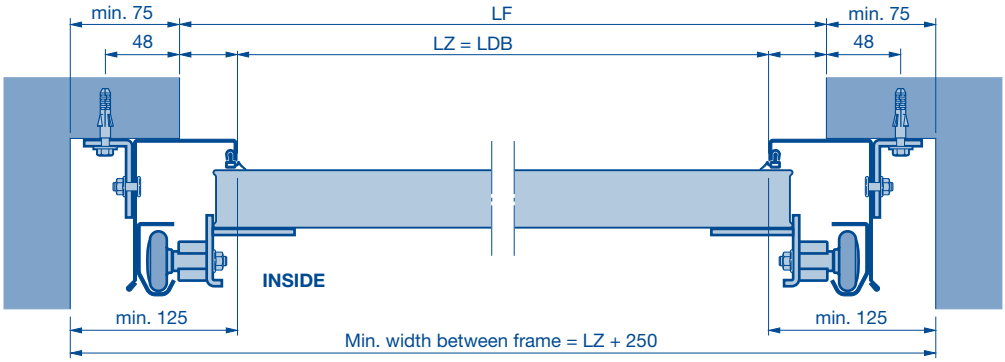
Normal track application, **sideroom 90 mm**, fixing within the frame



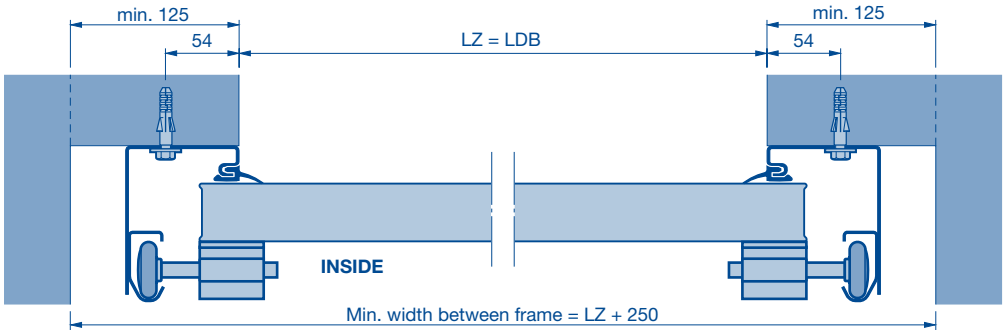
Sideroom less than 75 mm or without any sideroom. Fixing of the frame with special anchor



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

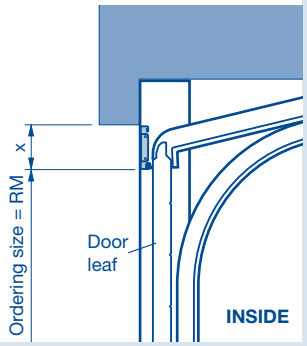


Figure B

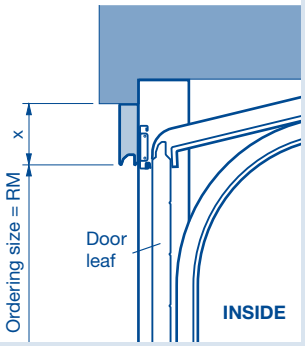
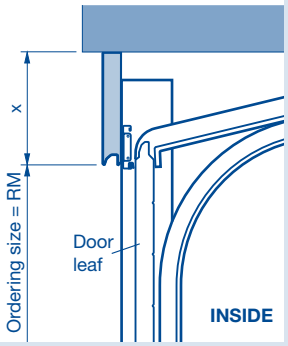


Figure C



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

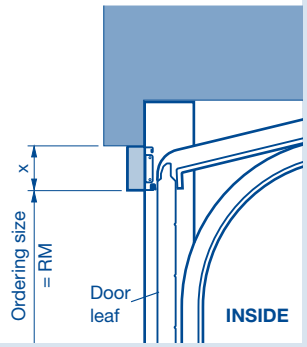


Figure B

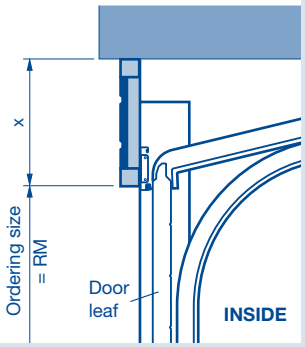
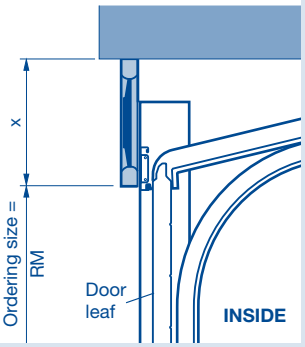


Figure C

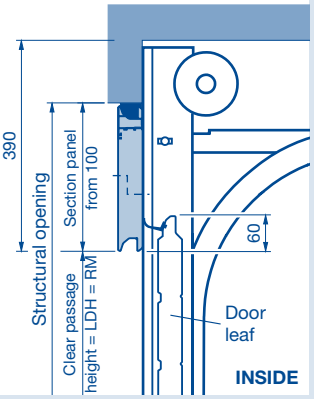


Track application	Panel version	Dim. x		
		Figure A	Figure B	Figure C
N and L	Smooth timber panel	31 - 290 mm	-	-
	Timber panel, S-boarded	-	146 - 500 mm	-
	Timber panel, V-panelled	-	-	291 - 500 mm

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

LTE 40, LPU 40

Figure A

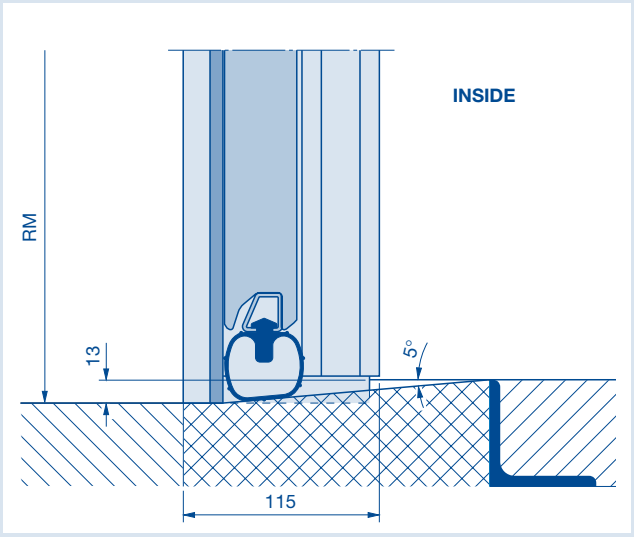


Track application	Panel version	Dim. x Figure A
ND	PU panel, S-/M-/L-ribbed	100 - 562 mm
	PU panel, M-panelled	468, 475, 479, 488, 500, 520, 525, 531, 550, 562

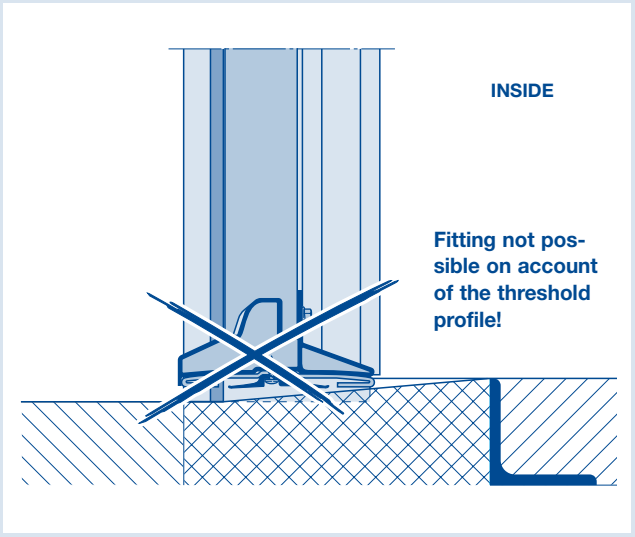
Caution:
With track application N the torque is increased, it is therefore important to adhere to the frame's plug-and-screw fixing points in the lintel area.

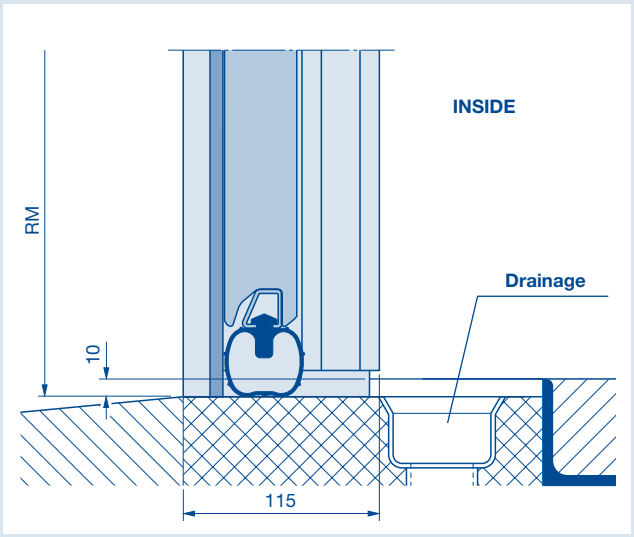
Floor Details

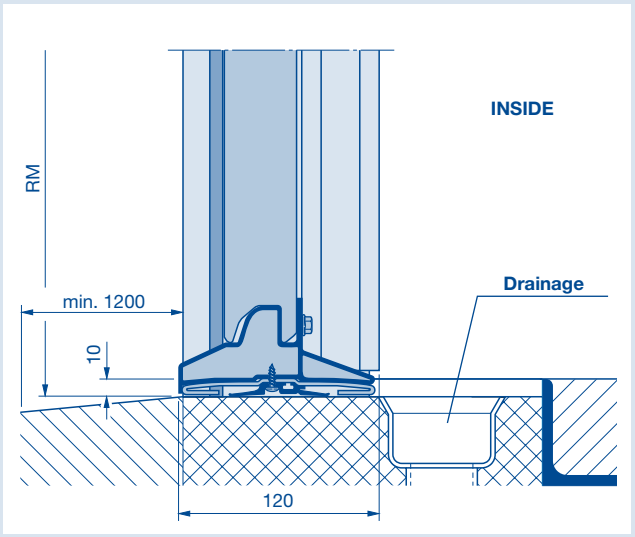
without wicket pass door

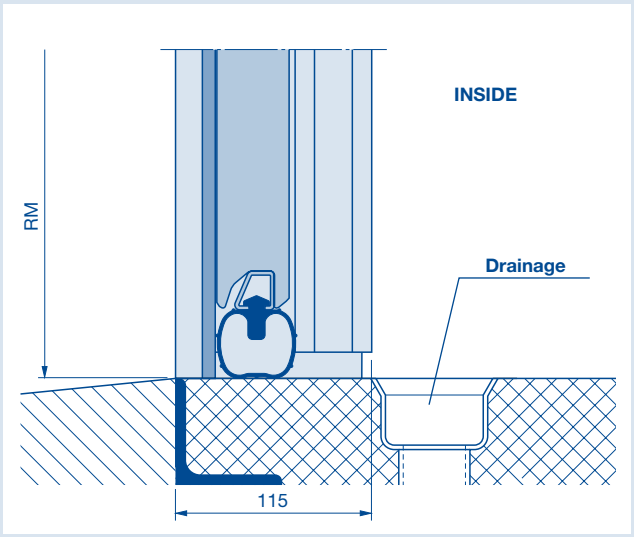


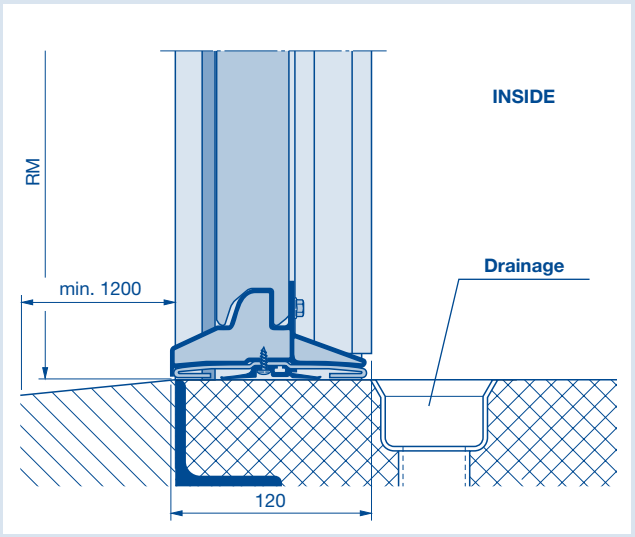
with wicket pass door









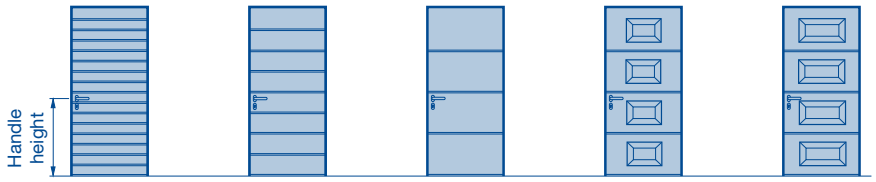


Side Doors with Corner Frame

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

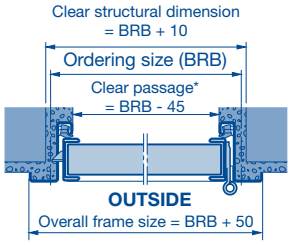
Ordering size Ordering size	Handle-height
875 x 2000	1005
875 x 2125	1068
1000 x 2000	1005
1000 x 2125	1068

Fitting situation:

External fitting (opening to outside)

LH hinging

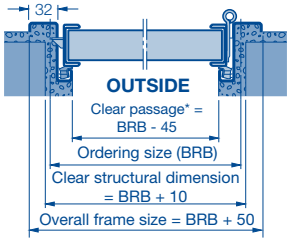
RH hinging



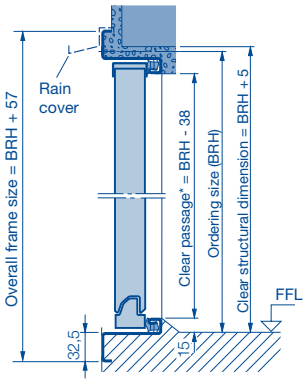
Internal fitting (opening to inside)

LH hinging

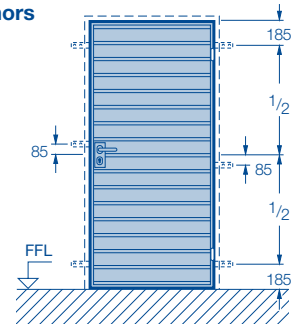
RH hinging



Door with stepped threshold



Position of anchors

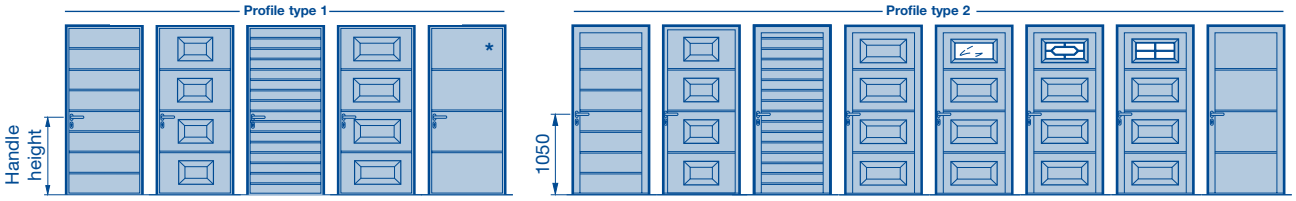


Side Doors with Block Frame of Aluminium Extrusions

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

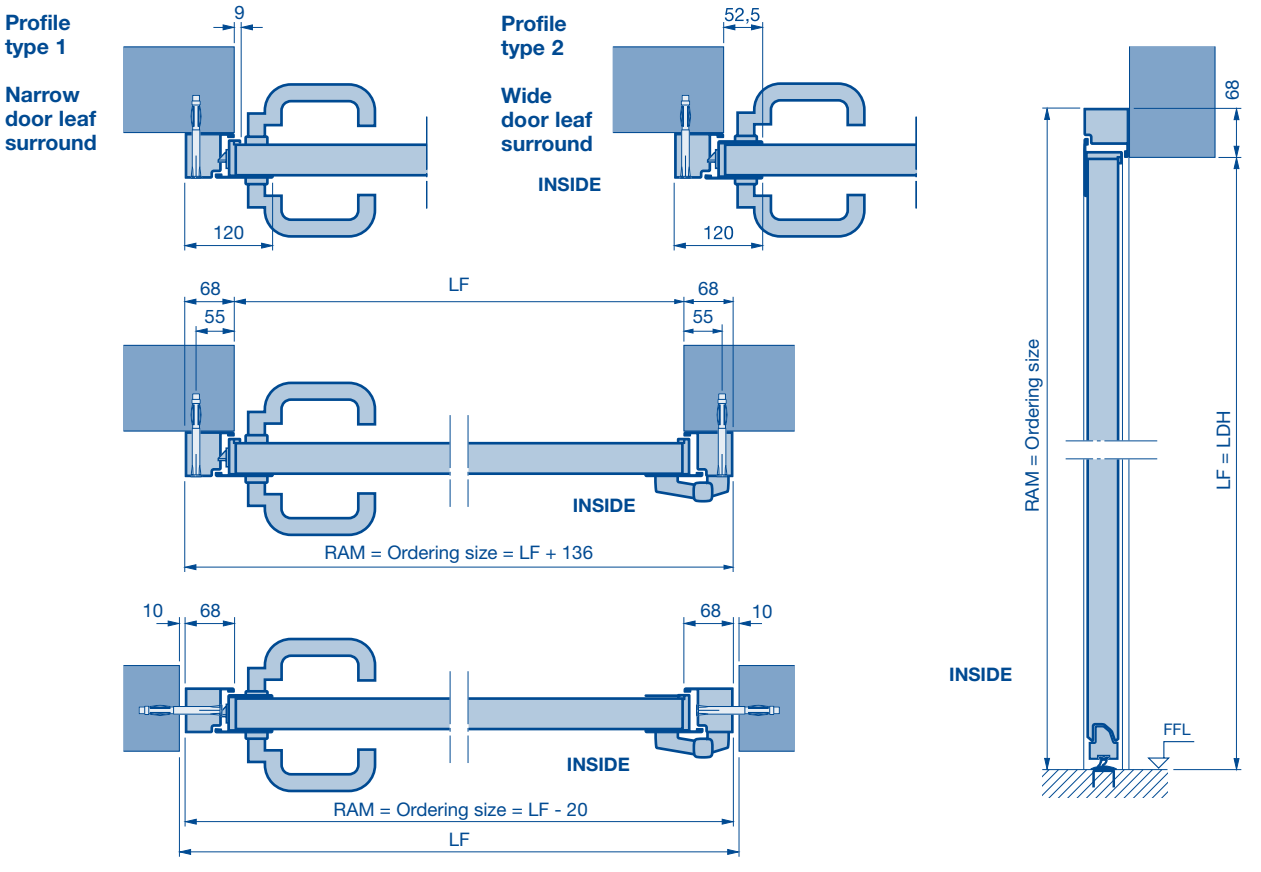
Standard sizes (profile type 1 only opening inwards)

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

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

Profile type 2 (fitted in the opening) S-, M-, L-ribbed			
Structural opening	**Ordering size** = Overall frame size RAM	Handle height from FFL	Rib spacing
875 x 2000	**855 x 1990**	1050	125/250
875 x 2125	**855 x 2115**	1050	133/265
1000 x 2000	**980 x 1990**	1050	125/250
1000 x 2125	**980 x 2115**	1050	133/265

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



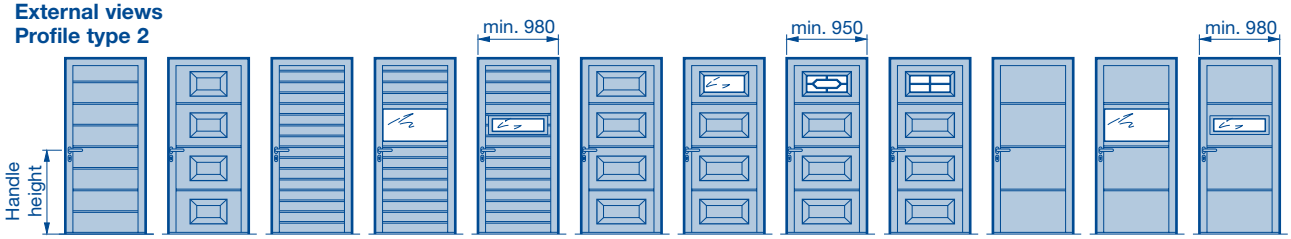
LF = structural opening, LDH = clear passage height, RAM = overall frame size

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

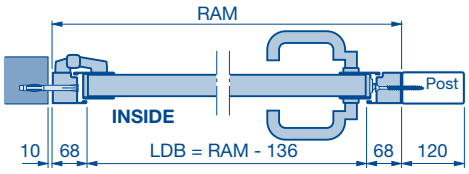
Profile type 2 (fitted in or behind the opening) S-, M-, L-ribbed	
Ordering size = Overall frame size (RAM)	Handle height
855-1250 x 1933-2300	1050
855-1300 x 1933-2558	1050

Profile type 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

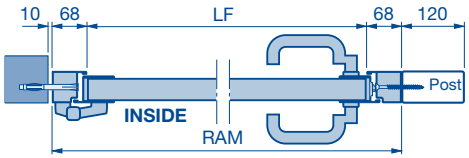
Profile type 2 (fitted behind the opening, in the opening - opening outwards on request) S-, M-panelled	
Ordering size = Overall frame size (RAM)	Handle height
950-1250 x 2058 or 2183	1050
950-1300 x 1933, 2013, 2058, 2138, 2183, 2263, 2308, 2433 or 2558	1050

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

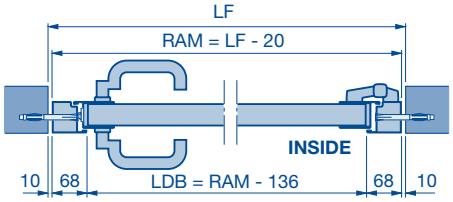
Fitted next to the garage door, opening outwards, RH hinged or LH hinged



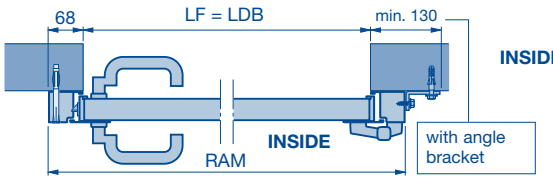
Fitted next to the garage door, opening inwards, RH hinged or LH hinged



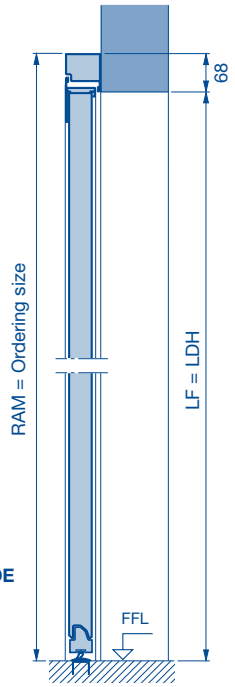
Fitted in the opening, opening inwards or outwards, RH hinged or LH hinged



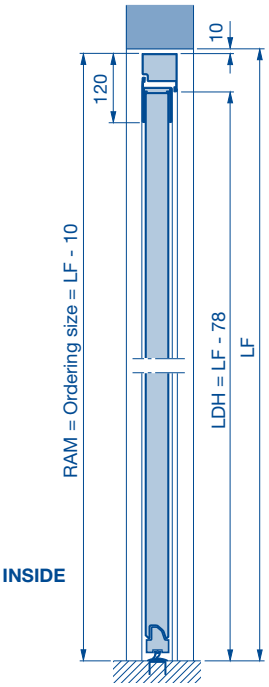
Fitted behind the opening, opening inwards, RH hinged or LH hinged



Fitting behind the opening



Fitting in the opening



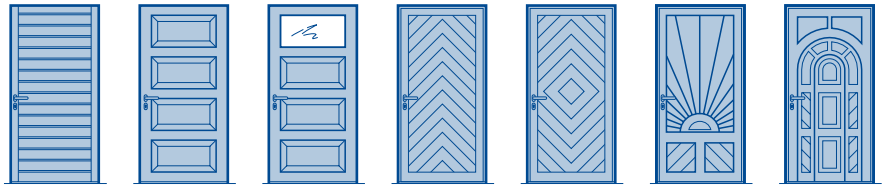
LF = structural opening, LDH = clear passage height, RAM = overall frame size

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.

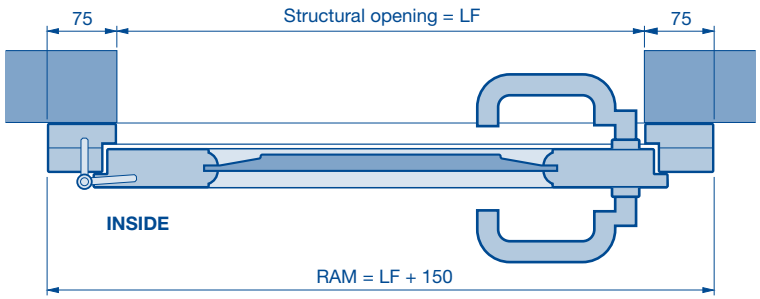
External views

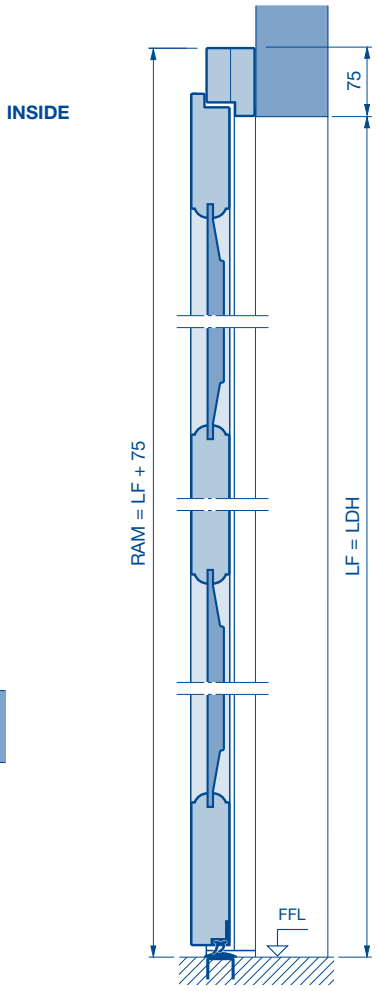


The proportions of the doors illustrated correspond to the finished size of the structural opening 1000 x 2125 mm. Other door sizes will show variations.

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

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

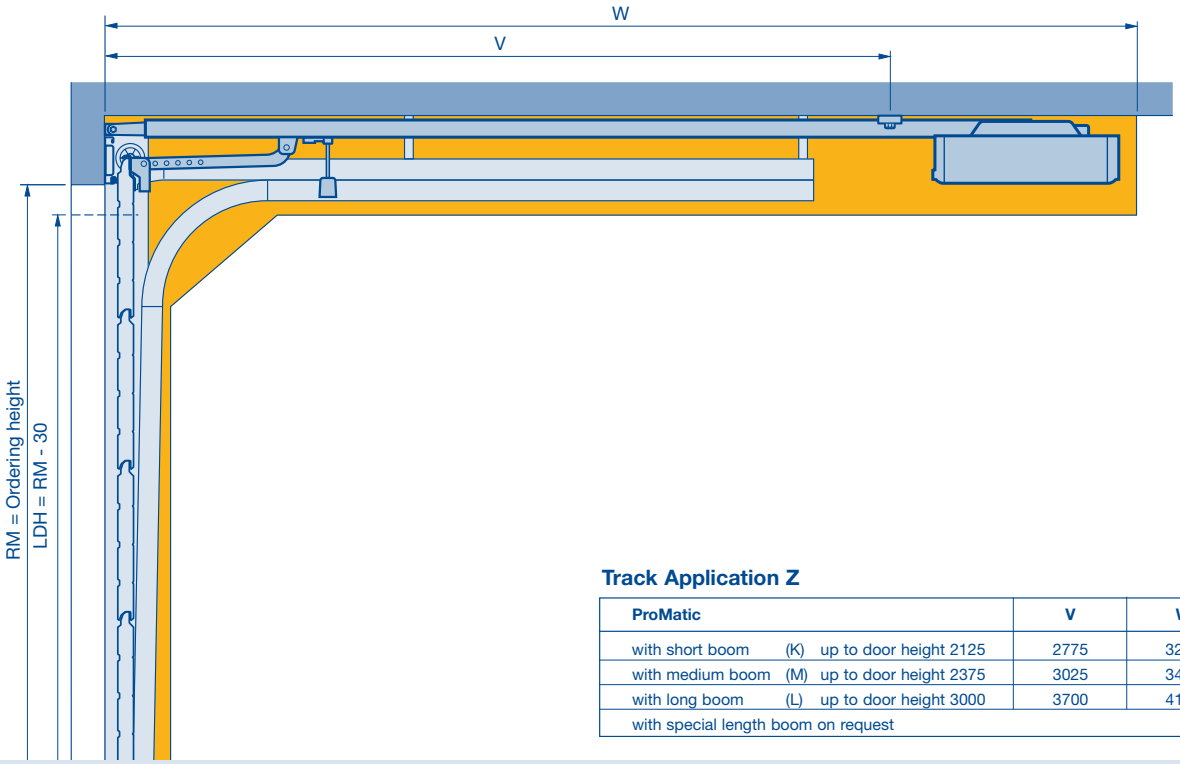




LF = structural opening, LDH = clear passage height, RAM = overall frame size

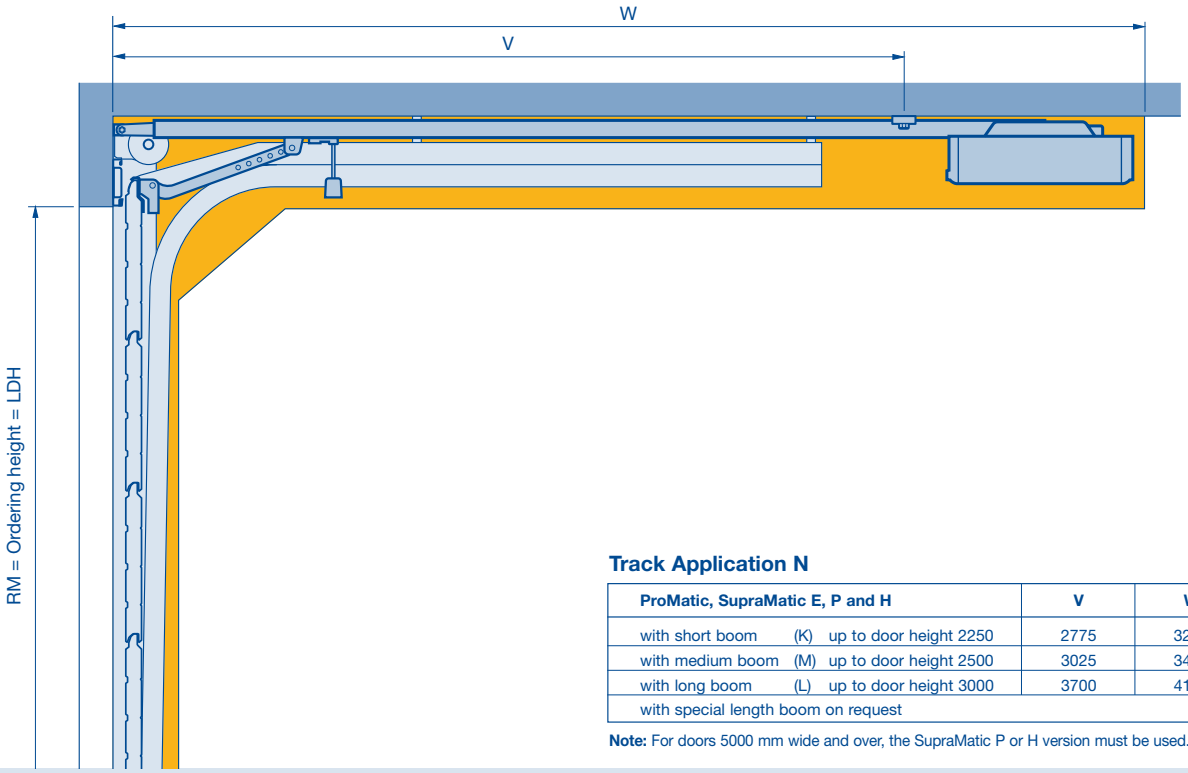
Garage Door Operators

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

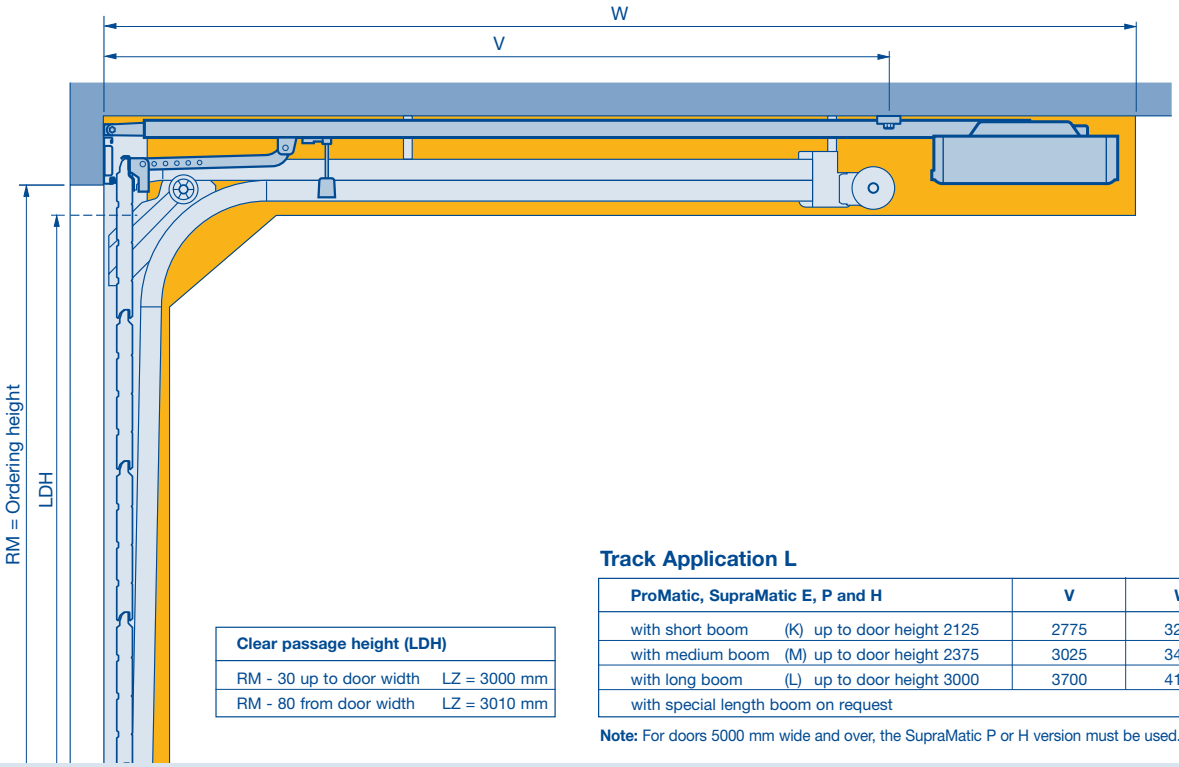
ProMatic, SupraMatic E, P and H			V	W
with short boom	(K)	up to door height 2250	2775	3200
with medium boom	(M)	up to door height 2500	3025	3450
with long boom	(L)	up to door height 3000	3700	4125
with special length boom on request				

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

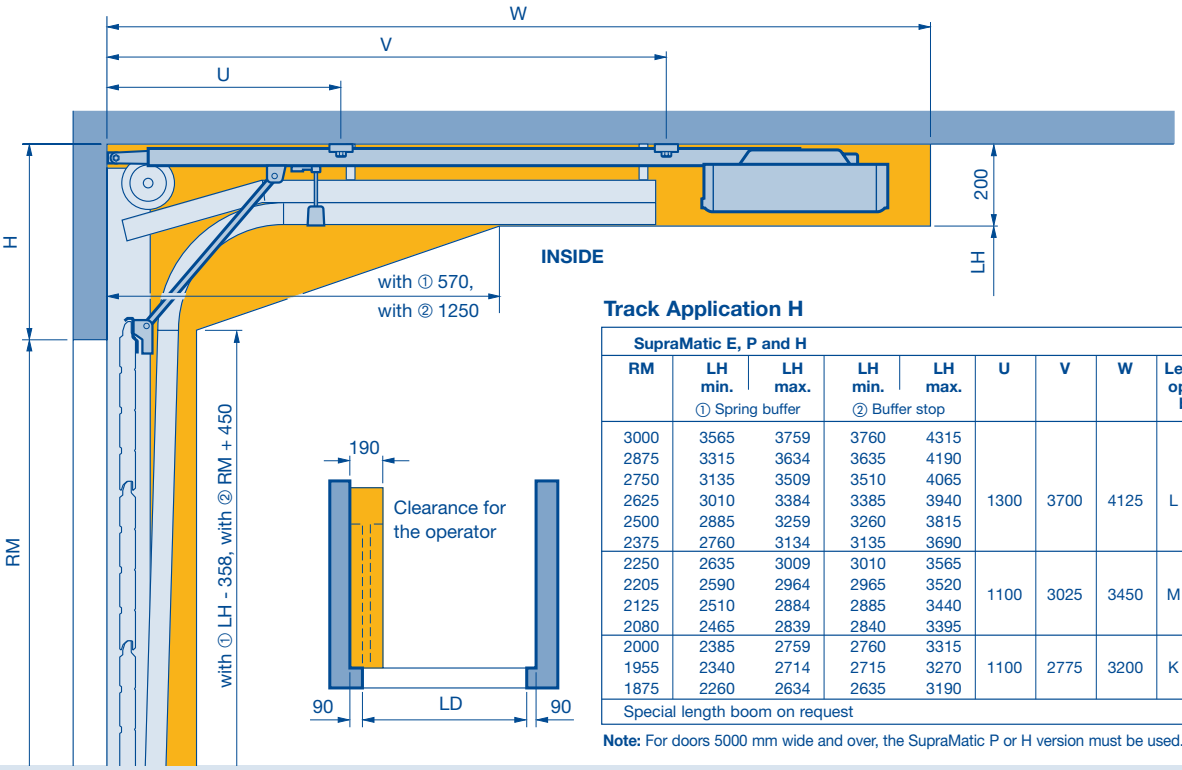


Clear passage height (LDH)	
RM - 30 up to door width	LZ = 3000 mm
RM - 80 from door width	LZ = 3010 mm

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

SupraMatic E, P and H								
RM	LH min.	LH max.	LH min.	LH max.	U	V	W	Length of operator boom
	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				
2250	2635	3009	3010	3565	1100	3025	3450	M = 3250
2205	2590	2964	2965	3520				
2125	2510	2884	2885	3440				
2080	2465	2839	2840	3395				
2000	2385	2759	2760	3315	1100	2775	3200	K = 3000
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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