

40/10

Automatic horizontal sliding landing door



Door configuration

LIFT APPLICATION

Door cycles per year:	Up to 800.000.
Traffic peak of the door:	Up to 240 cycles per hour.
Traffic lift speed:	Up to 2,5 m/s.

APPLICATION RANGE

Opening	Clear opening - PL (mm)		Clear height - HL (mm)	
	Steel panels	Glass panels	Steel panels	Glass panels
C2 - C4	600 - 1.400	600 - 1.000	2.000 - 2.400	2.000 - 2.100
T2 RLO	700 - 1.400	700 - 1.000		
T2 - T3 - T4	600 - 1.400	600 - 1.000		

PANELS

Opening	Steel panels					Glass panels				
	Sheet metal ⁽²⁾	Double skin	Vision	Fritted vision	Wien type vision	Bevel big vision	Flush big vision	Full glass in skirting	Full glass in moorings	Aluminium glass
										
C2 - C4 - T2 - T3 - T4	NO F.R. F.R.E30 ⁽³⁾ F.R.E120 ⁽³⁾ F.R.E130 ⁽³⁾ F.R.E160 ⁽³⁾ F.R.E120 ⁽³⁾ F.R.EW30 ⁽³⁾ F.R.EW60 ⁽³⁾	F.R.E120 DIN18091	NO F.R.	✗	NO F.R. ⁽⁴⁾	NO F.R. F.R.E120 F.R.E130	NO F.R. F.R.E120 F.R.E130	NO F.R.	✗	✗

(2) Solid execution option.
 (3) Execution with smoke seal protection available.
 (4) Only available with 75 mm sill.
 F.R.: Fire rated according to EN 81-58.

Anti-trapping safety device option

C2 - C4 - T2 - T3 - T4	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓
------------------------	---	---	---	---	---	---	---	---	---	---

FRAMES DEFINITION

Frame depth - FD (mm)	Jamb M1 (mm)	Header - HD (mm)	Jamb M2 (mm)	Remarks	Frame type				Options			
					STD	MSS MV	MSS MH	con-coated	Lateral covers	Without extra-stroke	MRL	Without lateral punching
0	0	0	0	Without frame for modernizations	✗	✗	✗	✗	✗	✗	✗	✗
20	55	210	55	-	✗	✗	✗	✓	✗	✗	✗	✗
25	50	210	50	C2 only available with key in panel	✓	✗	✗	✗	✗	✗	✗	✓
	120		120		✓	✗	✗	✗	✗	✗	✗	✓
40	60	210	60	-	✗	✓	✓	✗	✓	✗	✗	✓
	50		50	-	✓	✓	✓	✗	✓	✗	✗	✓
	120		120	-	✓	✓	✓	✗	✓	✗	✗	✓
50	35	80	35	Only available in Ningbo Arttec Co. Ltd.	✓	✗	✗	✗	✗	✗	✗	✗
	50		50		✓	✗	✗	✗	✗	✗	✗	✗
	70		70		✓	✗	✗	✗	✗	✗	✗	✗
	60		60		✗	✗	✓	✗	✓	✓	✗	✓
60	80	80	80	-	✓	✓	✓	✗	✓	✓	✗	✓
		210	80	-	✓	✓	✓	✗	✓	✓	✗	✓
	100	100	100	-	✓	✓	✓	✗	✓	✓	✗	✓
		210	100	-	✓	✓	✓	✗	✓	✓	✗	✓
	120	120	120	-	✓	✓	✓	✗	✓	✓	✓ ⁽⁵⁾	✓
	120	>210 + Δ10	120	-	✓	✓	✓	✗	✓	✓	✓ ⁽⁵⁾	✓
	>120 + Δ10		>120 + Δ10	-	✓	✗	✗	✗	✓	✓	✓ ⁽⁵⁾	✓
	120		120	-	✓	✓	✓	✗	✓	✓	✓ ⁽⁵⁾	✓
140	>120 + Δ10		>120 + Δ10	-	✓	✗	✗	✗	✓	✓	✓ ⁽⁵⁾	✓
	120	120	120	-	✓ ⁽⁶⁾	✗	✗	✗	✗	✗	✓ ⁽⁶⁾	✗
	120	210	120	-	✓ ⁽⁶⁾	✗	✗	✗	✗	✗	✓ ⁽⁶⁾	✗
	>120 + Δ10	>210 + Δ10	>120 + Δ10	-	✓ ⁽⁶⁾	✗	✗	✗	✗	✗	✓ ⁽⁶⁾	✗

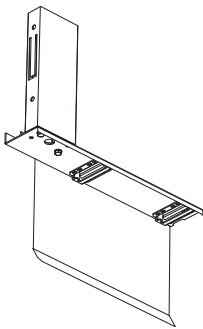
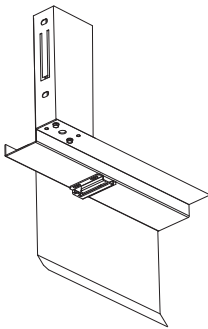
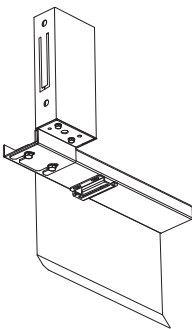
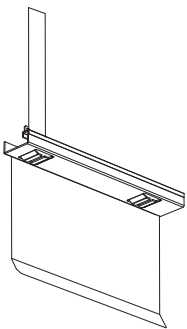
MSS MV: Frame without sill supplement with visible sill support.
 MSS MH: Frame without sill supplement with concealed sill support.
 Without extra-stroke: Closing jamb without labyrinth.
 MRL: Jamb ready for lift control cabinet in machine roomless installations.
 (5) Only T2, (6) Only C2

☒ Available⁽¹⁾.
 ☐ Not available.
 ☐ Ask the commercial department.

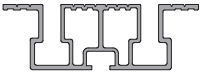
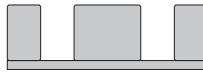
⁽¹⁾Some option combinations may not be possible.

Door configuration

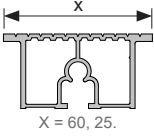
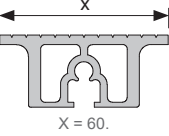
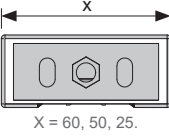
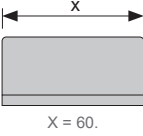
FRAMES DETAIL

Frame type	STD	MSS MV	MSS MH	Concealed
Frame detail				
MSS MV: Frame without sill supplement with visible sill support. MSS MH: Frame without sill supplement with concealed sill support.				

SILLS

Type of sill	Aluminium	Reinforced aluminium	Steel	Steel concealed	Massive
Profile detail					
Availability	✓	✓	✓	✗	✓
Heated sill option	✓	✓ ⁽⁸⁾	✓	✗	✗
Dust holes	✓	✓	✓	✗	✓
(8) Not available for C2.					

SILL SUPPLEMENTS

Type of supplement	Aluminium	Reinforced aluminium	Steel	Massive
Profile detail	 X = 60, 25.	 X = 60.	 X = 60, 50, 25.	 X = 60.
Availability	✓	✓	✓	✓

STANDARDS

Opening	EN 81-1/2 Safety rules	EN 81-21 Existing buildings		EN 81-41 Impaired mobility	EN 81-71 Vandal resistance lifts		EN 81-72 Firefighters lifts	EN 81-20/50 Safety rules
		FD: 20 - 25	FD: 40 - 60		Cat. I	Cat. II		
C2 - C4 - T2 - T3 - T4	✓	☎	✓	☎	✗	✗	✓	✓

☒ Available⁽¹⁾.
☐ Not available.
☐ Ask the commercial department.

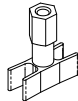
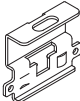
⁽¹⁾Some option combinations may not be possible.

Door configuration

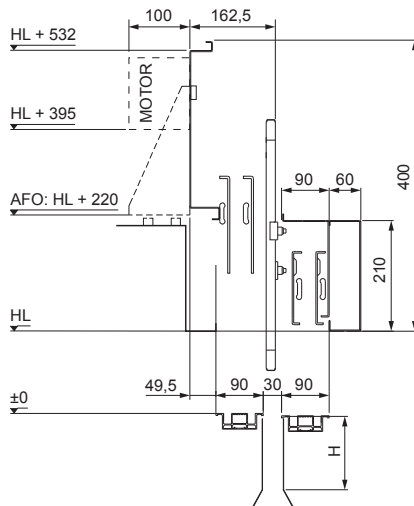
PROTECTION

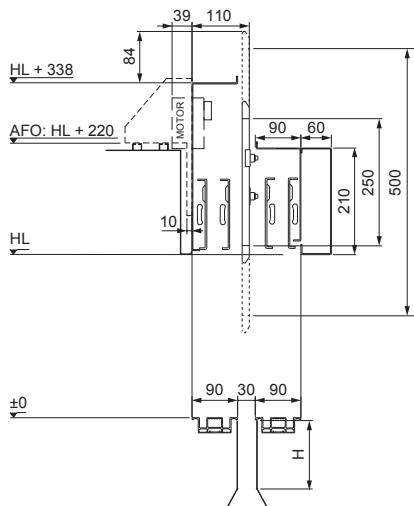
Opening	IP20 Protection against a solid foreign body of 12,5 mm or more in diameter.	IPX3 Protected against sprays of water up to 60 degrees from the vertical.	IP54 Protection against dust and protected against water splashed from all directions.		IP65 Sealed against dust and protected against jets of water from all directions.	EEEx Explosion proof, Group II (surface industries) and Category 2 (explosive atmosphere between 10 and 1.000 hrs/yr).
			Magnetic contact	Mechanical contact		
C2 - C4 - T2 - T3 - T4	✓	✓	✗	✓	✓	✗

PANEL REGULATION SUPPORT AND PANEL GUIDE

Type of panel regulation support	Basic		
Type of panel guide	Basic	EN 81-1/2	EN 81-20/50
			

COMPATIBILITY

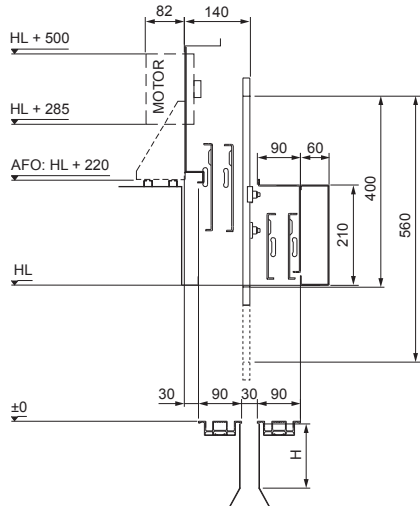
	
Case	40/10 MC car door
Coupling	Symmetrical clutch
Unlocking zone	+150 / -250
Toe guard type	Standard
H	395
Thickness	1
Range	All
T2 opening shown. If not otherwise indicated all dimensions in mm.	

		
Case	40/10 DC 24 V car door	
Coupling	Symmetrical clutch	Pre-opening symmetrical clutch
Unlocking zone	+98 / -152	+228 / -273
Toe guard type	Standard	Standard
H	265	395
Thickness	1	1
Range	All	All
T2 opening shown. If not otherwise indicated all dimensions in mm.		

☒ Available⁽¹⁾
☐ Not available.
 ☐ Ask the commercial department.

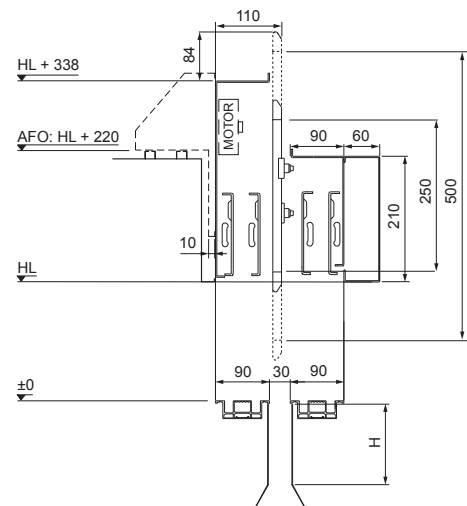
⁽¹⁾Some option combinations may not be possible.

Door configuration



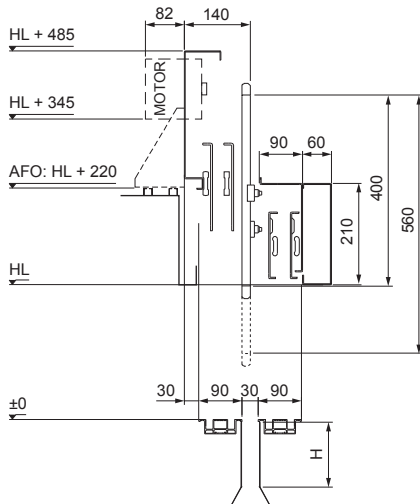
Case	40/10 VF car door	
Coupling	Symmetrical clutch	Pre-opening symmetrical clutch
Unlocking zone	+111 / -290	+261 / -290
Toe guard type	Standard	Standard
H	265	395
Thickness	1	1
Range	All	All

T2 opening shown.
If not otherwise indicated all dimensions in mm.



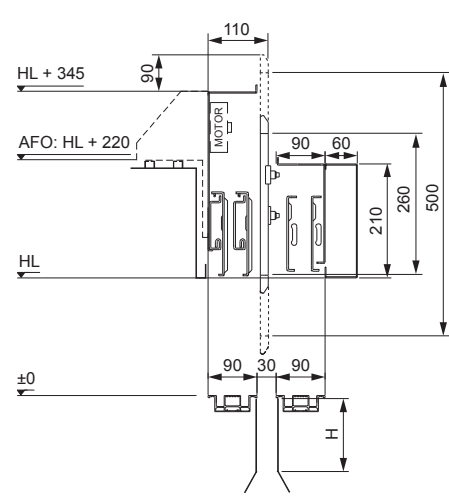
Case	40/10 PM car door	
Coupling	Symmetrical clutch	Pre-opening symmetrical clutch
Unlocking zone	+98 / -152	+228 / -273
Toe guard type	Standard	Standard
H	265	395
Thickness	1	1
Range	All	All

T2 opening shown.
If not otherwise indicated all dimensions in mm.



Case	50/11 VF car door	
Coupling	Symmetrical clutch	Pre-opening symmetrical clutch
Unlocking zone	+129 / -290	+289 / -290
Toe guard type	Standard	
H	395	
Thickness	1	
Range	All	

T2 opening shown.
If not otherwise indicated all dimensions in mm.



Case	Premium PM car door	
Coupling	Symmetrical clutch	Pre-opening symmetrical clutch
Unlocking zone	+114 / -169	+244 / -290
Toe guard type	Standard	Standard
H	265	395
Thickness	1	1
Range	All	All

T2 opening shown.
If not otherwise indicated all dimensions in mm.

Technical features



T2 mechanism

GENERAL FEATURES

Noise level	< 53 dB.
Total weight	Reference: T2 PL 600 mm HL 2.400 mm 120 x 60 mm frame, with sheet metal panels - 74 kg.
Safety closing system	With spring, except T1 with counterweight.

INSTALLATION

Pre-adjusted and tested to simplify the installation.
Optional 20 mm between sills (Ask the commercial department for more information).

DOOR HOISTWAY PROJECTION (DHP) - FIXING BRACKETS: HEADER 210 mm

DHP type	C2			C4			C6			C8			T1			T2			T3			T4		
	DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L	
1	0 - 31	X	A	0 - 37,5	X	A	0 - 32,5		D	0 - 40		D	0 - 31	X	A	0 - 37,5	X	A	0 - 32,5		D	0 - 40		D
2a	-	-	-	37,6 - 90		W	32,6 - 125		D	41 - 125		D	-	-	-	37,6 - 90		W	32,6 - 125		D	41 - 125		D
2b	32 - 93		W	91 - 140		D	126 - 175		V2	126 - 200		V2	32 - 93		W	91 - 140		D	126 - 175		V2	126 - 200		V2
3	94 - 124		V8	141 - 150		V2	176 - 195		V7	201 - 240		V7	94 - 124		V8	141 - 150		V2	176 - 195		V7	201 - 240		V7

DOOR HOISTWAY PROJECTION (DHP) - FIXING BRACKETS: HEADER 210 mm WITH 120x25 mm FRAME

DHP type	C2		C4		C6		C8		T1		T2		T3		T4	
	DHP ⁽⁸⁾ (mm)	Bracket	DHP ⁽⁸⁾ (mm)	Bracket	DHP ⁽⁸⁾ (mm)	Bracket	DHP ⁽⁸⁾ (mm)	Bracket	DHP ⁽⁸⁾ (mm)	Bracket	DHP ⁽⁸⁾ (mm)	Bracket	DHP ⁽⁸⁾ (mm)	Bracket	DHP ⁽⁸⁾ (mm)	Bracket
		⒀ ⒁		⒀ ⒁		⒀ ⒁		⒀ ⒁		⒀ ⒁		⒀ ⒁		⒀ ⒁		⒀ ⒁
1	0 - 65	W	-	-	-	- -	-	- -	-	-	0 - 65	W	-	-	-	-
2a	-	-	-	-	-	- -	-	- -	-	-	-	-	-	-	-	-
2b	-	-	-	-	-	- -	-	- -	-	-	-	-	-	-	-	-
3	66 - 100	D	-	-	-	- -	-	- -	-	-	66 - 100	D	-	-	-	-

DOOR HOISTWAY PROJECTION (DHP) - FIXING BRACKETS: HEADER 80,100 OR 120 mm

DHP type	C2			C4			C6			C8			T1			T2			T3			T4		
	DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L		DHP ⁽⁸⁾ (mm)	Bracket U L	
1	0 - 54	X	A	0 - 37,5	X	A	0 - 32,5		D	0 - 40		D	0 - 54	X	A	0 - 37,5	X	A	0 - 32,5		D	0 - 40		D
2a	55 - 63	A	W	37,6 - 100		W	32,6 - 125		D	41 - 125		D	55 - 63		W	37,6 - 100		W	32,6 - 125		D	41 - 125		D
2b	64 - 90		W	101 - 125		D	126 - 175		V2	126 - 200		V2	64 - 90		D	101 - 125		D	126 - 175		V2	126 - 200		V2
3	91 - 124		D	126 - 150		V2	176 - 195		V7	201 - 240		V7	91 - 124		V2	126 - 150		V2	176 - 195		V7	201 - 240		V7

Bracket type	A	D	V2	V7	V8	X	W
Thickness (mm)	5	5	4	4	4	5	5

(8) See DHP dimension in sill detail (technical drawings pages).

UPPER FASTENING BRACKET QUANTITY⁽⁸⁾

Opening	PL		
	600	900	1.200
	800	1.100	1.400
C2	2		4
C4			
T2			3
T3			
T4			

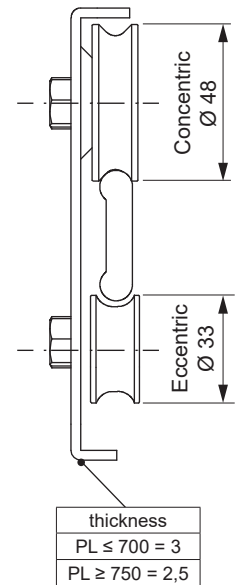
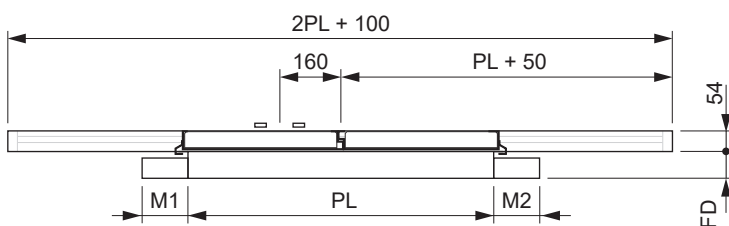
(8) With Infill Panel: C2/C4 +2, T2/T3/T4 +1

LOWER FASTENING BRACKET QUANTITY⁽⁸⁾

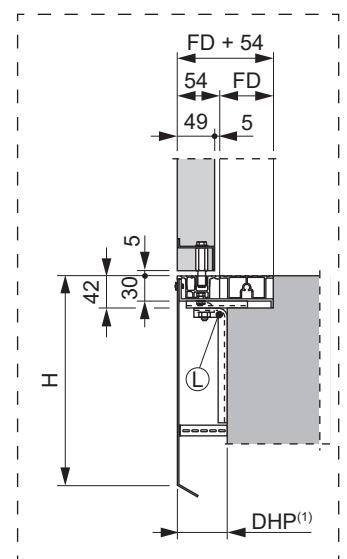
Opening	PL		
	600	900	1.200
	800	1.100	1.400
C2	3		5
C4			
T2			
T3	4		6
T4			

(8) With Infill Panel: C2/C4 +2, T2/T3/T4 +1

54 mm sill



SILL DETAIL

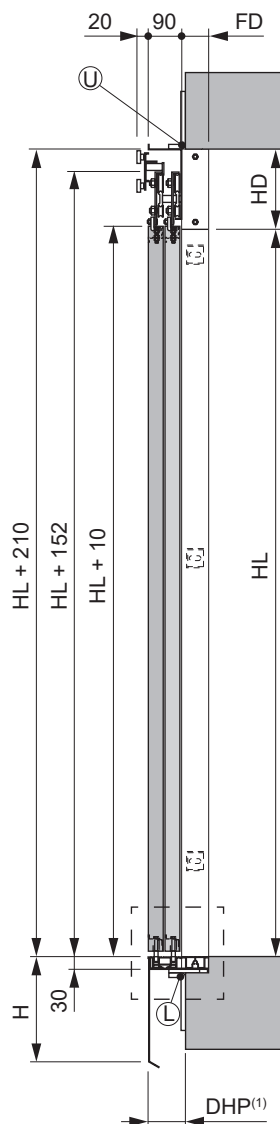
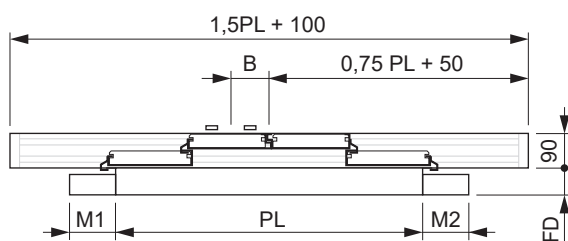
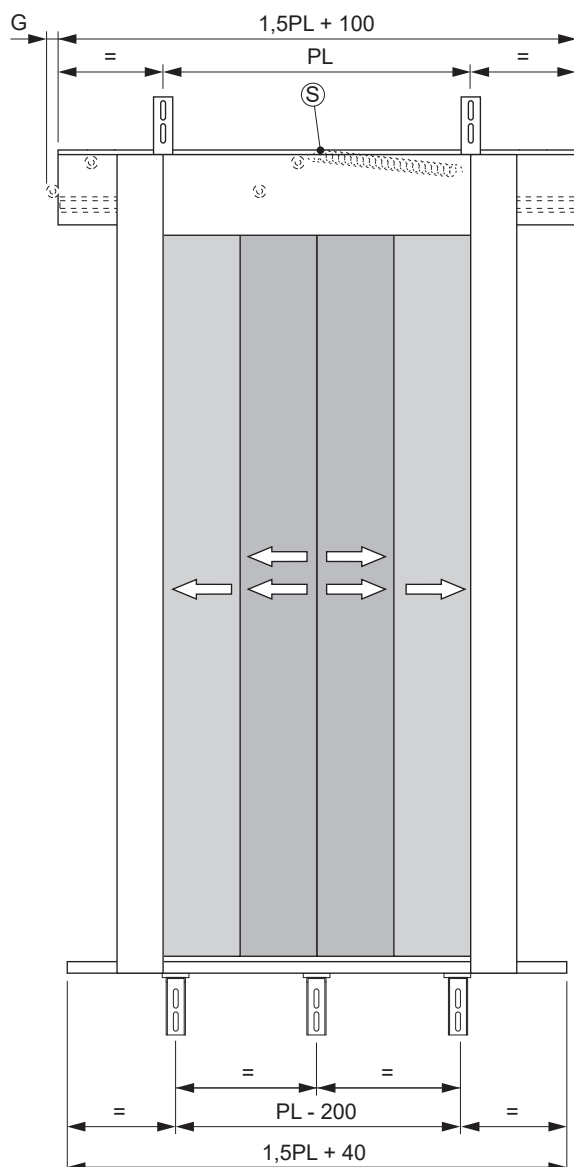


DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

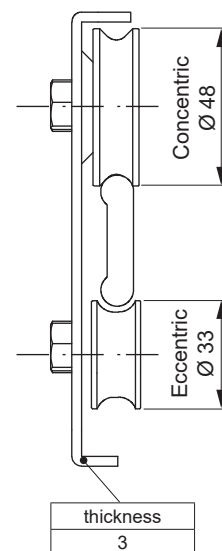
1 See DHP details in technical features page.
- If not otherwise indicated all dimensions in mm.

Technical drawing 4 panel centre parting door

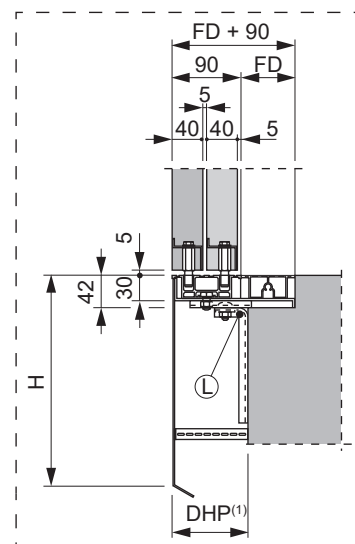
90 mm sill
Single locking device (PL 600 - 1.150)



MECHANICAL DETAILS



SILL DETAIL



PL	600	650	700	≥ 750
G	40	30	15	0

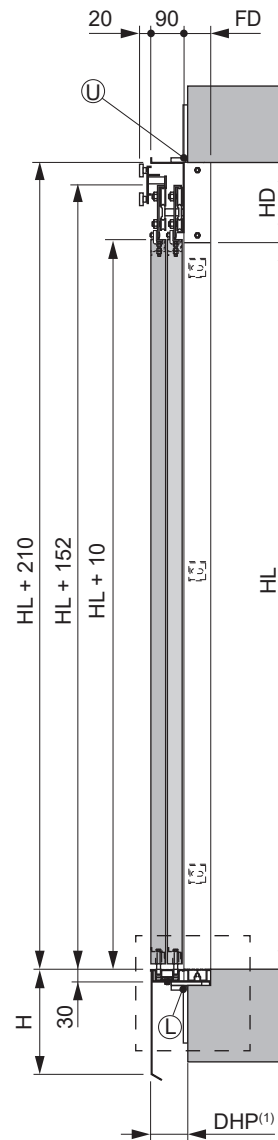
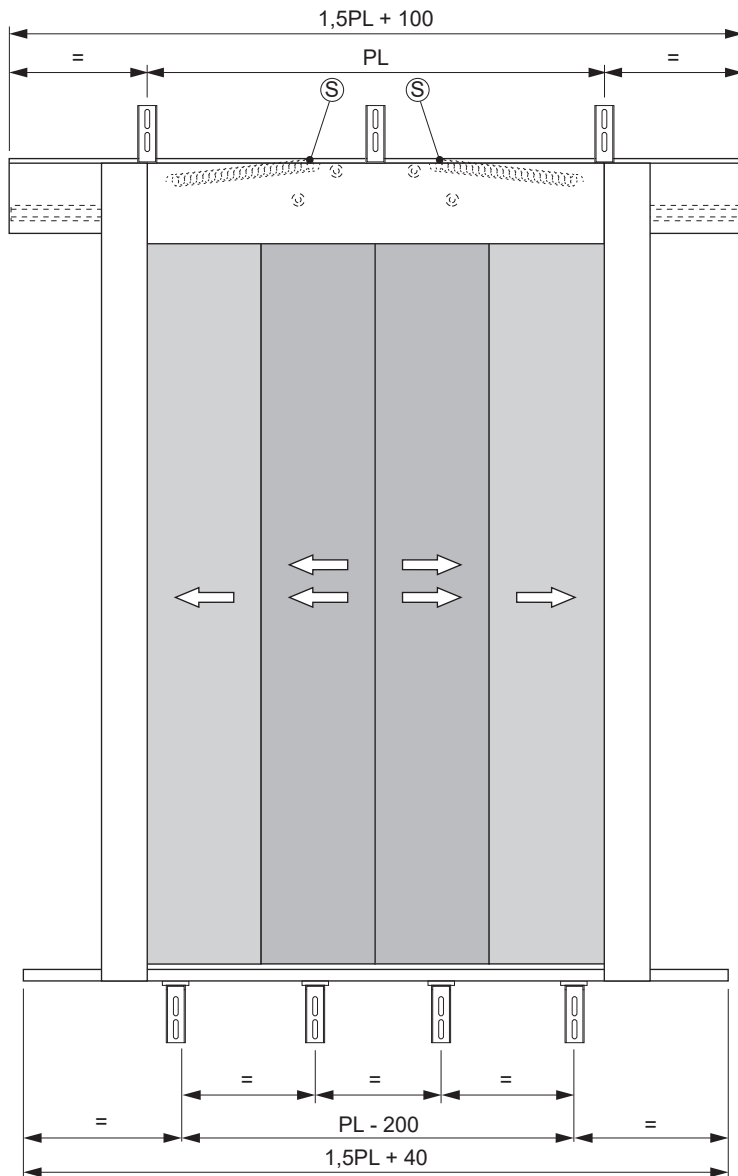
DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

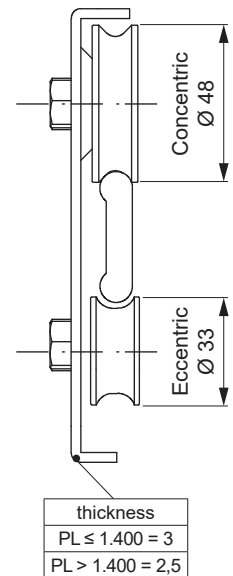
- 1 See DHP details in technical features page.
B For PL < 950 = 100. For PL ≥ 950 = 160.
- If not otherwise indicated all dimensions in mm.

Technical drawing 4 panel centre parting door

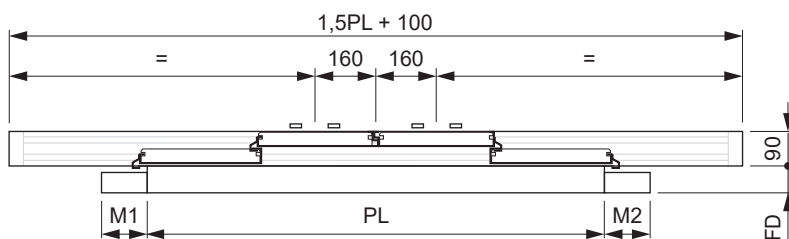
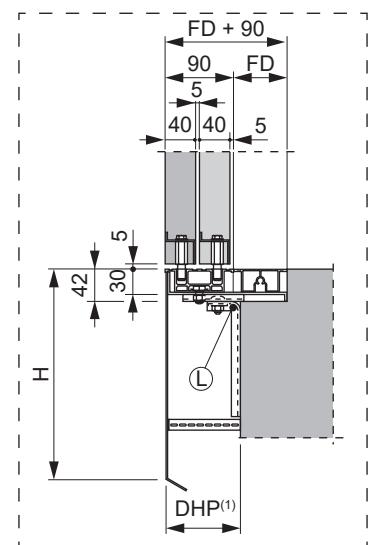
90 mm sill
Double locking device (PL 1.200 - 1.400)



MECHANICAL DETAILS



SILL DETAIL



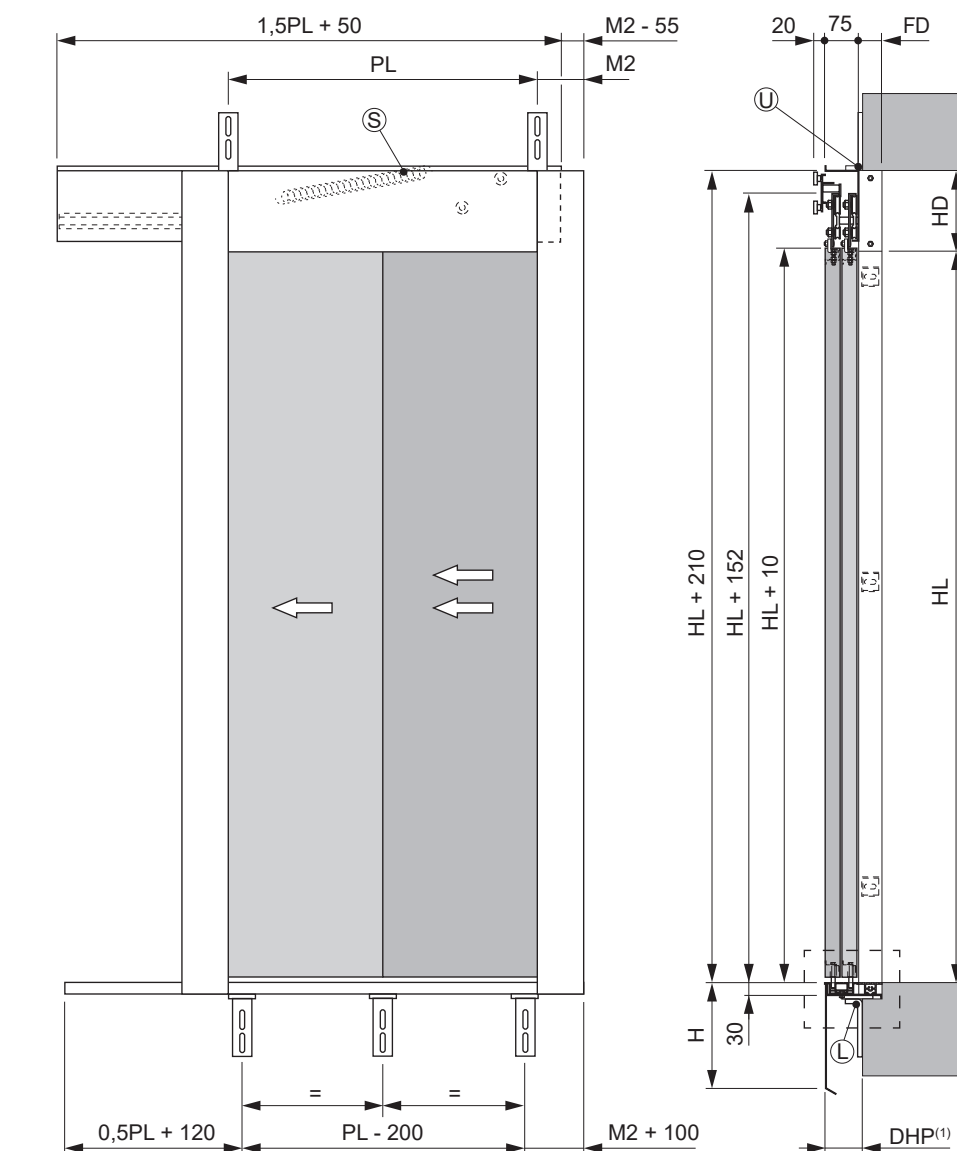
DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

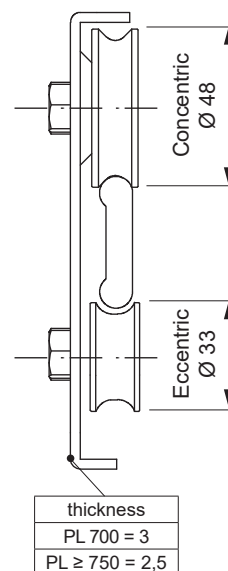
- 1 See DHP details in technical features page.
- If not otherwise indicated all dimensions in mm.

Technical drawing 2 panel side opening door

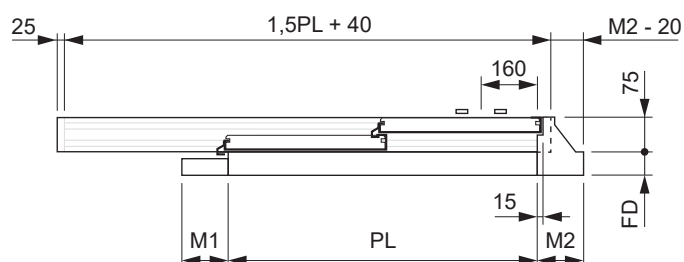
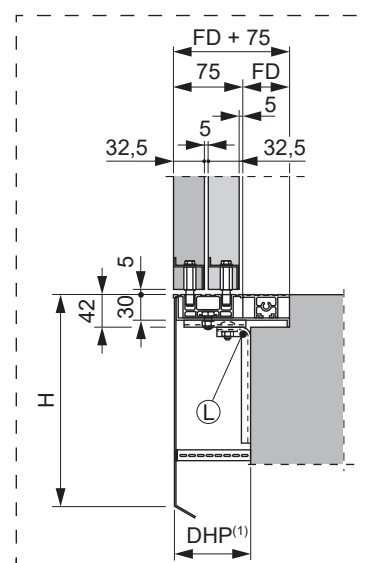
75 mm sill - RLO



MECHANICAL DETAILS



SILL DETAIL



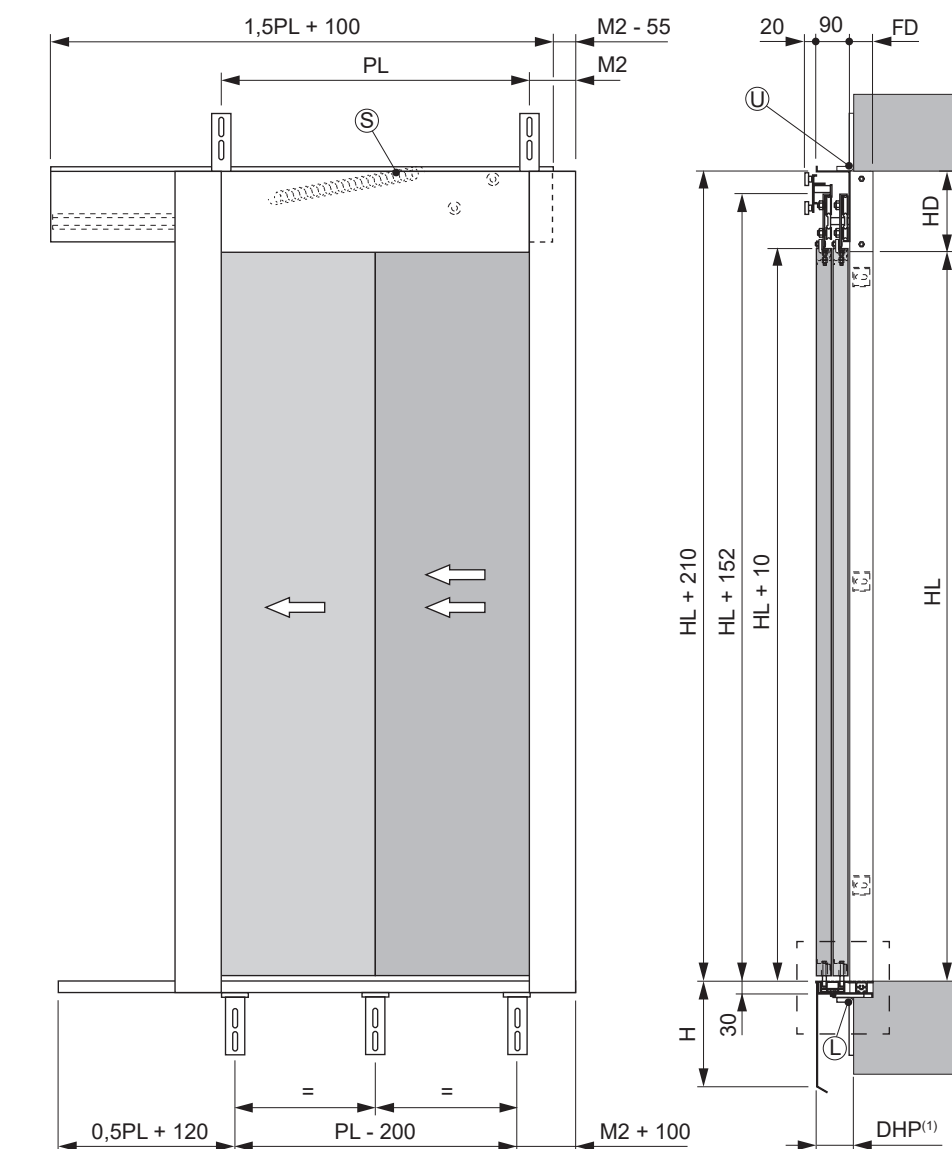
DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

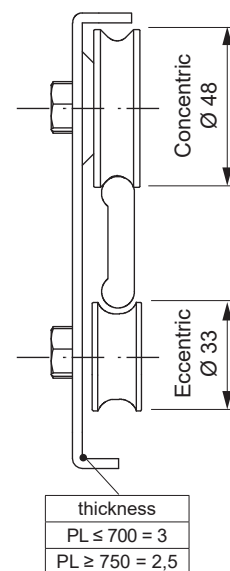
- 1 See DHP details in technical features page.
- If not otherwise indicated all dimensions in mm.

Technical drawing 2 panel side opening door

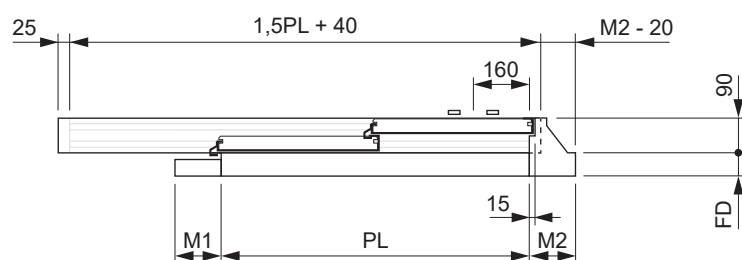
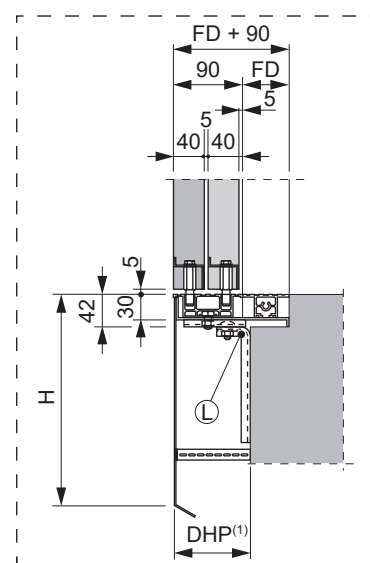
90 mm sill



MECHANICAL DETAILS



SILL DETAIL



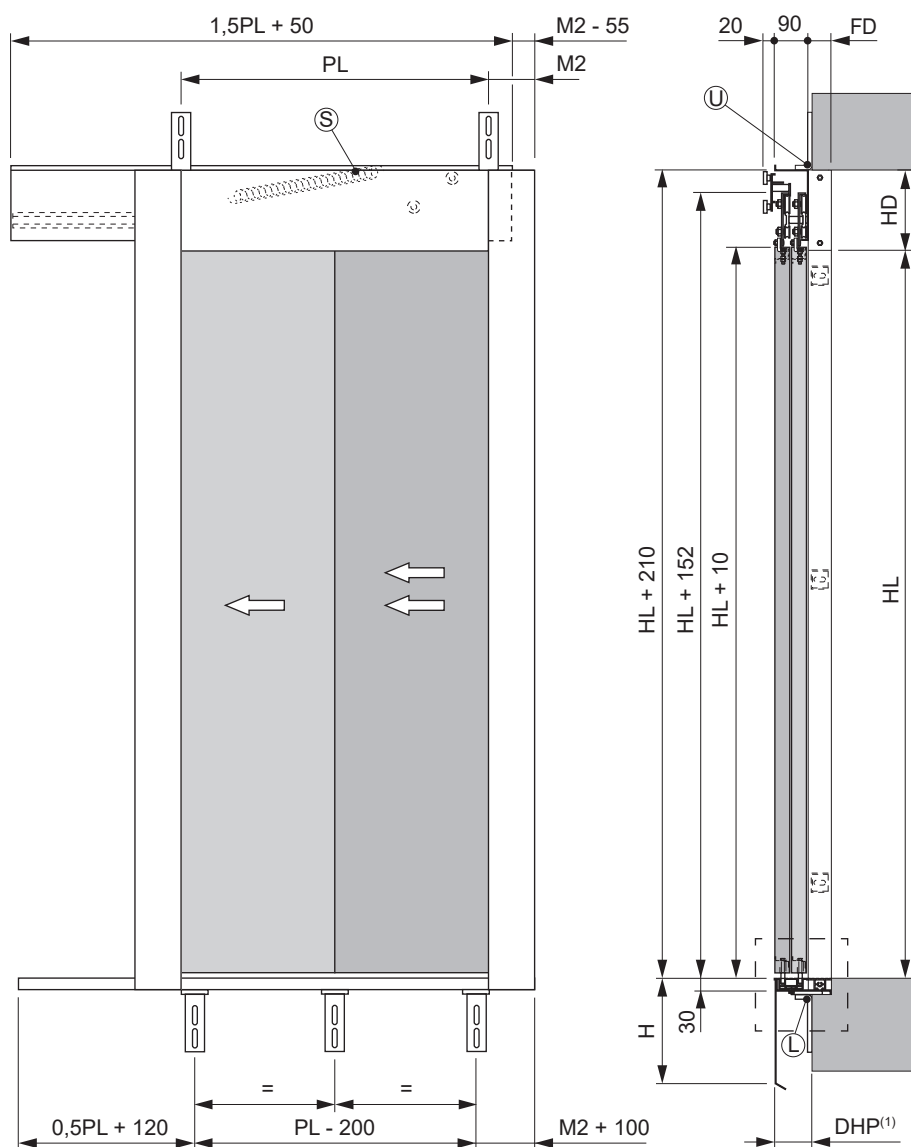
DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

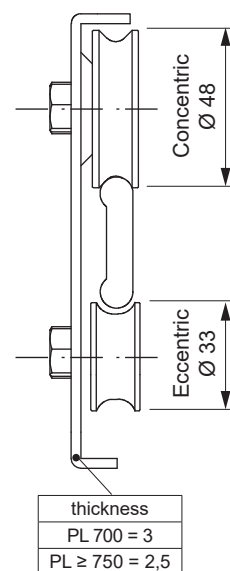
- 1 See DHP details in technical features page.
- If not otherwise indicated all dimensions in mm.

Technical drawing 2 panel side opening door

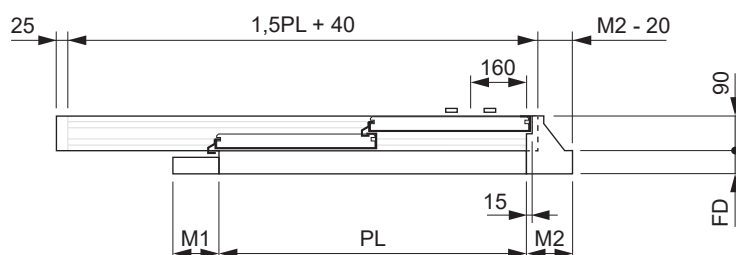
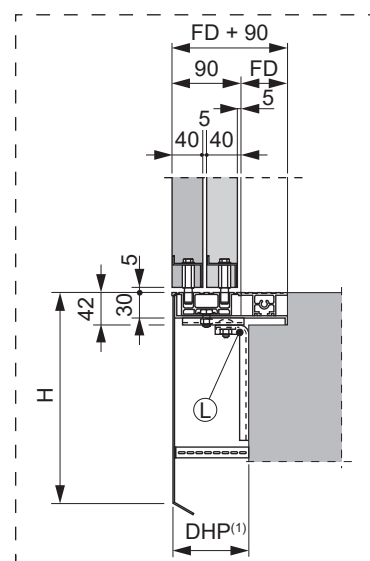
90 mm sill - RLO



MECHANICAL DETAILS



SILL DETAIL



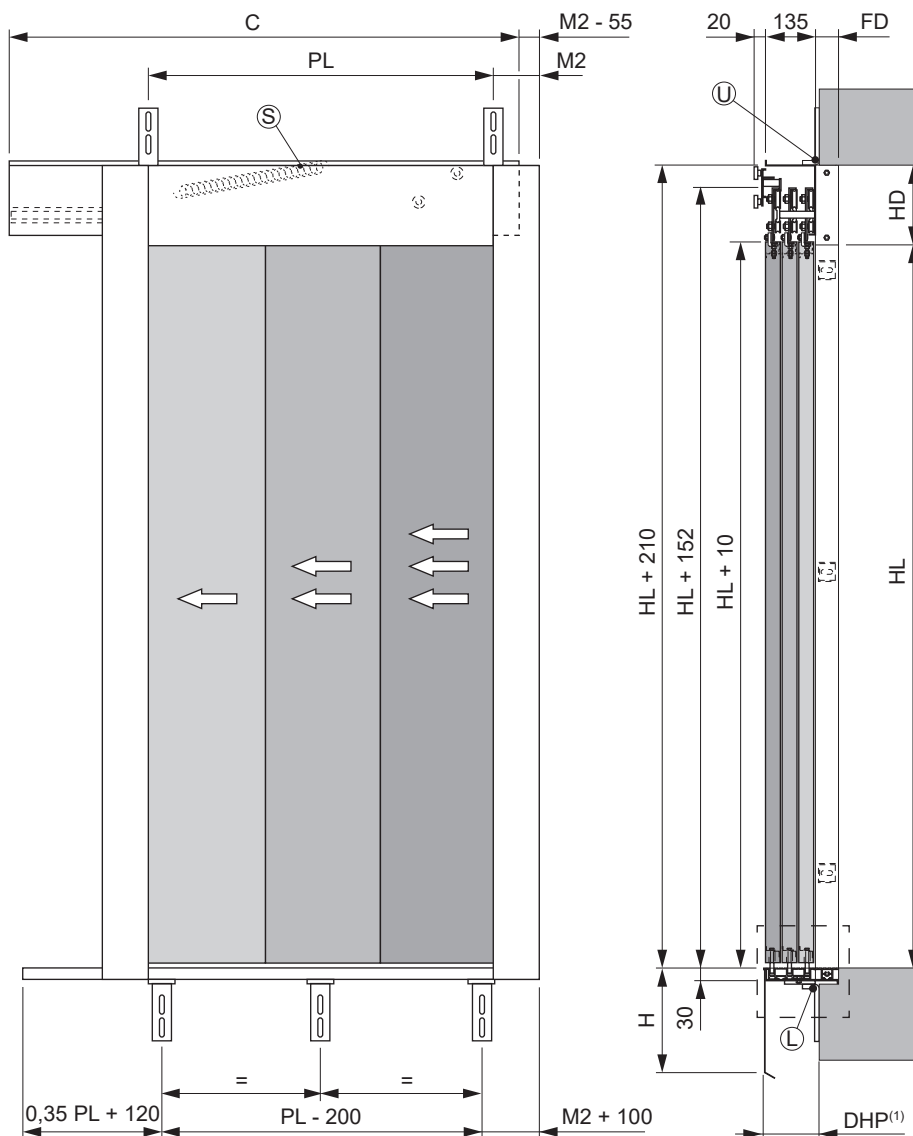
DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

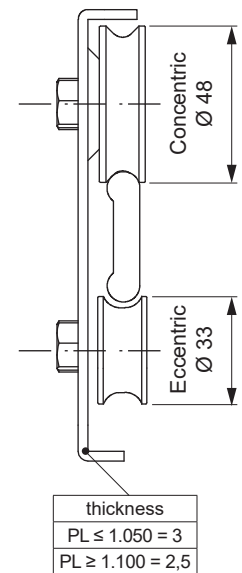
- 1 See DHP details in technical features page.
- If not otherwise indicated all dimensions in mm.

Technical drawing 3 panel side opening door

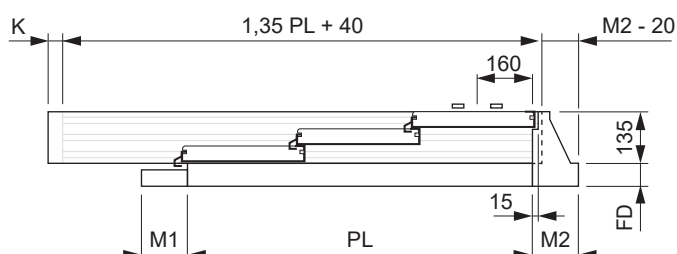
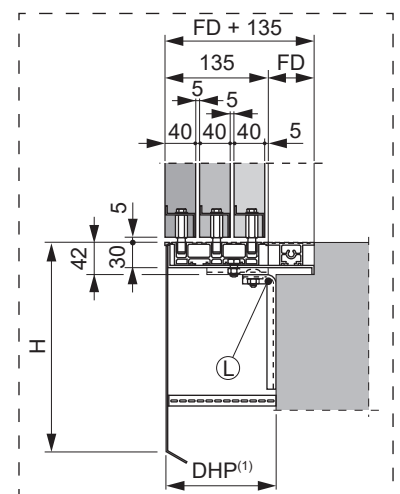
135 mm sill



MECHANICAL DETAILS



SILL DETAIL



PL	600	650	700	750	800	850	900	1.000	1.100	1.200	1.300	1.400
C	895	962	1.030	1.095	1.160	1.227	1.295	1.430	1.560	1.695	1.830	1.960
K	10	9.5	10	7.5	5	4.5	5	5	0	0	0	-5

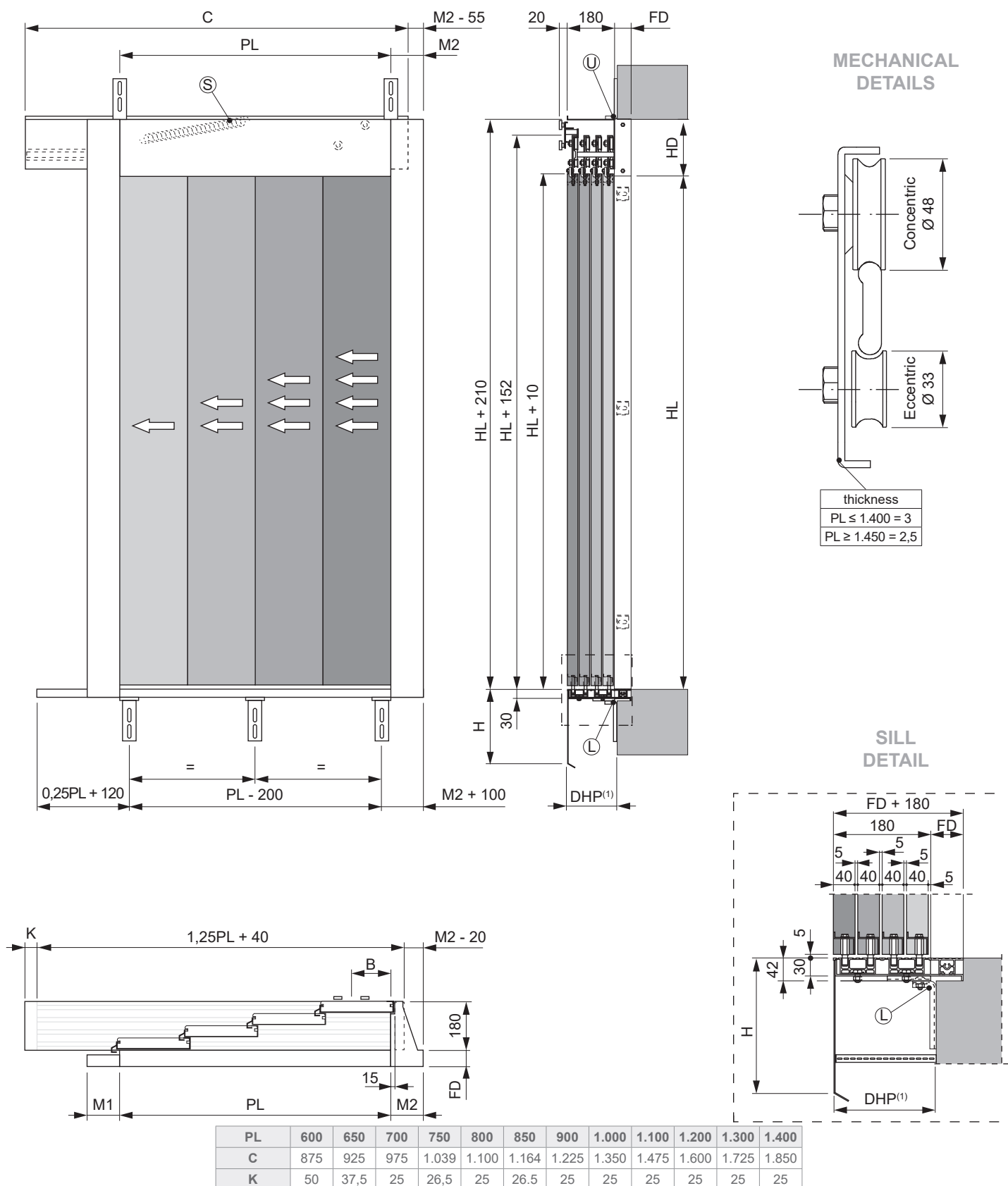
DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

- 1 See DHP details in technical features page.
- If not otherwise indicated all dimensions in mm.

Technical drawing 4 panel side opening door

180 mm sill



DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

- See DHP details in technical features page.
- For PL < 950 = 100. For PL ≥ 950 = 160.

- If not otherwise indicated all dimensions in mm.

fermator
AUTOMATIC DOORS FOR LIFTS



Sales contacts

General

info@fermator.com

Manufacturing companies

Brazil: info.br@fermator.com • China: info.cn@fermator.com • France: info.hp@fermator.com • India: info.in@fermator.com
Italy: info.it@fermator.com • Poland: info.pl@fermator.com • Spain: info.es@fermator.com • USA: info.us@fermator.com

Trading companies

France: info.ff@fermator.com • Germany: info.de@fermator.com • Middle East: info.tr@fermator.com
Nordic countries: info.se@fermator.com • United Kingdom: info.uk@fermator.com

www.fermator.com