

40/10

Automatic horizontal sliding landing door



Door configuration

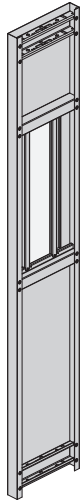
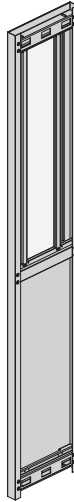
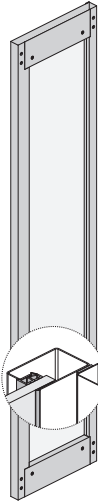
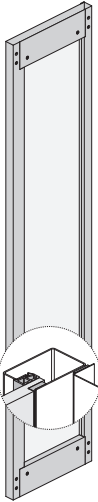
LIFT APPLICATION

Door cycles per year:	Up to 800.000.
Traffic peak of the door:	Up to 240 cycles per hour.
Traffic lift speed:	Up to 3 m/s.

APPLICATION RANGE

Opening	Clear opening - PL (mm)		Clear height - HL (mm)	
	Steel panels	Glass panels	Steel panels	Glass panels
C2	600 - 1.400	600 - 1.000	2.000 - 2.400	2.000 - 2.100
C4	700 - 1.400	700 - 1.000		
T2 RLO	700 - 1.200	700 - 1.000		
T2 - T3 - T4	600 - 1.400	600 - 1.000		

PANELS

Opening	Steel panels					Glass panels			
	Sheet metal	Double skin	Vision	Fritted vision	Wien type vision	Bevel big vision	Flush big vision	Full glass in skirting	Full glass in moorings
									
C2 - C4 - T2 - T3 - T4	NO F.R. F.R.E30 F.R.E120 F.R.EI30 F.R.EI60 F.R.EI120 F.R.EW30 F.R.EW60	F.R.E120 DIN18091	NO F.R.	NO F.R.	NO F.R.	NO F.R.	NO F.R. F.R.E30	NO F.R.	✗
F.R.: Fire rated according to EN 81-58.									

Anti-trapping safety device option

C2 - C4 - T2 - T3 - T4	✗	✗	✗	✗	✗	✓	✓	✓	✗
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☒ Available⁽¹⁾
☐ ✗ Not available.
 ☐ ☎ Ask the commercial department.

¹Some option combinations may not be possible.

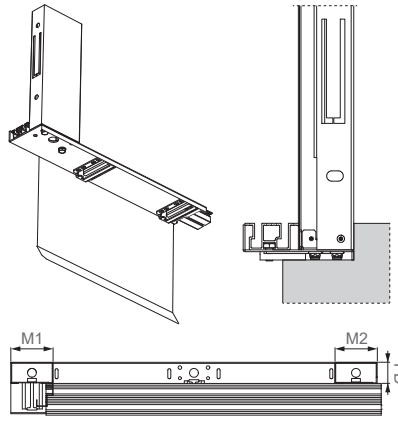
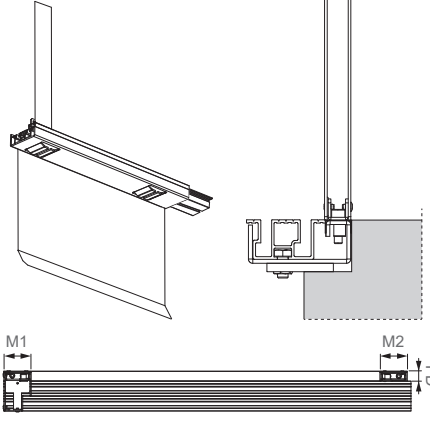
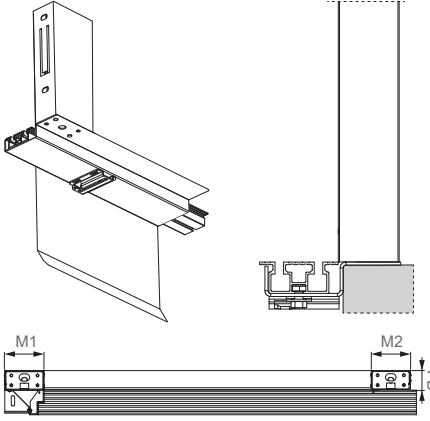
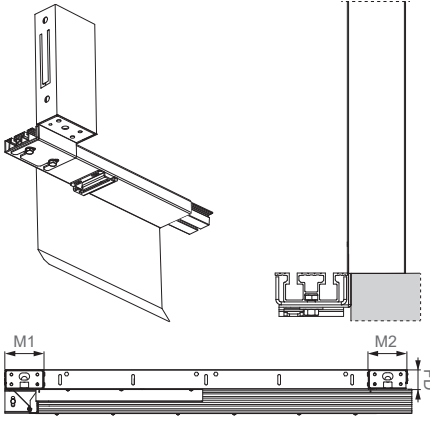
Door configuration

FRAMES DEFINITION

Frame depth - FD (mm)	Jamb M1 (mm)	Header - HD (mm)	Jamb M2 (mm)	Remarks	Frame type				Options			
					STD	MSS MV	MSS MH	Concealed	Lateral covers	Without extra-stroke	MRL	Without lateral punching
20	55	210	55	C2 only key in panel.	✗	✗	✗	✓	✗	✗	✗	✗
25	50	210	50	C2 only key in panel.	✓	✗	✗	✗	✗	✗	✗	✓
	120		120		✓	✗	✗	✗	✗	✗	✗	✓
40	60	210	60	-	✗	✓	✓	✗	✗	✗	✗	✓
	50		50		✓	✓	✓	✗	✗	✗	✗	✓
	120		120		✓	✓	✓	✗	✗	✗	✗	✓
50	35	40	35	Only Chinese market.	✓ ⁽⁴⁾	✗	✗	✗	✗	✗	✗	✗
	50		50		✓ ⁽⁴⁾	✗	✗	✗	✗	✗	✗	✗
	70		70		✓ ⁽⁴⁾	✗	✗	✗	✗	✗	✗	✗
	35	80	35	Only Chinese market.	✓ ⁽⁴⁾	✗	✗	✗	✗	✗	✗	✗
	50		50		✓ ⁽⁴⁾	✗	✗	✗	✗	✗	✗	✗
	70		70		✓ ⁽⁴⁾	✗	✗	✗	✗	✗	✗	✗
60 ⁽²⁾	60	210	60	-	✓	✓	✓	✗	✓	✓	✗	✓
	80	80	80	-	✓ ⁽⁴⁾	✓	✓	✗	✓	✓	✗	✓
		210							✓	✓	✗	✓
	100	100	100	-	✓ ⁽⁴⁾	✓	✓	✗	✓	✓	✗	✓
		210							✓	✓	✗	✓
	120	120	120	-	✓ ⁽⁴⁾	✓	✓	✗	✓	✓	✗	✓
	120	210	120	-	✓	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✗	✓	✓	✓ ⁽³⁾	✓
	>120 + Δ10		>120 + Δ10		✓	✓ ⁽⁵⁾	✓ ⁽⁵⁾	✗	✓	✓	✓ ⁽³⁾	✓
	120		120		✓	✗	✗	✗	✓	✓	✓ ⁽³⁾	✓
	>120 + Δ10	>210 + Δ10	>120 + Δ10	-	✓	✗	✗	✗	✓	✓	✓ ⁽³⁾	✓
	≥ 200 + Δ10	≥ 210 + Δ10	≥ 200 + Δ10	Only big vision panels.	✗	✗	✗	✗	✗	✗	✓ ⁽³⁾	✗

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.
² Only available frame option for T2/C4 with 75 mm sill.
³ T2 and T3.
⁴ Header < 210 mm with C2 opening, only key in panel.
⁵ M1 & M2 < 130.

FRAMES DETAIL

Frame detail	Frame type	
	STD	Concealed
		
	MSS MV	MSS MH
		

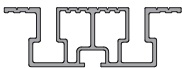
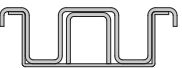
MSS MV: Frame without sill supplement with visible sill support. / MSS MH: Frame without sill supplement with concealed sill support.

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

¹ Some option combinations may not be possible.

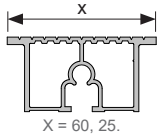
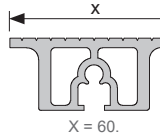
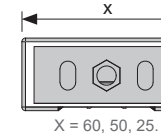
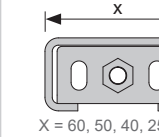
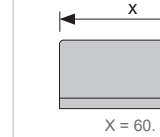
Door configuration

SILLS

Type of sill	Aluminium	Reinforced aluminium	Steel	Reinforced steel	Concealed steel	Massive
Profile detail						
Availability	✓	✓	✓	✓	✗	✓
Heated sill option	✓	✓ ⁽⁶⁾	✓	✗	✗	✗
Dust holes	✓	✓	✓	✓	✗	✓

⁶ Not available for C2.

SILL SUPPLEMENTS

Type of supplement	Aluminium	Reinforced aluminium	Steel	Reinforced steel	Massive
Profile detail	 X = 60, 25.	 X = 60.	 X = 60, 50, 25.	 X = 60, 50, 40, 25, 20.	 X = 60.
Availability	✓	✓	✓	✓	✓

STANDARDS

Opening	EN 81-20/50 Safety rules	EN 81-1/2 Safety rules	GB 7588 Safety rules	AS 1735.1 Safety rules	GOST 33984.1 - 2016 Safety rules	SS 550 Safety rules	EN 81-41 Impaired mobility
C2 - C4 - T2 - T3 - T4	✓	✓	✓	✓	✓	✓	✓

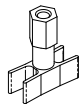
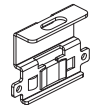
STANDARDS

Opening	EN 81-21 Existing buildings			EN 81-70 Accessibility to lifts for persons	EN 81-71 Vandal resistance lifts		EN 81-72 Firefighters lifts	EN 81-73 Behaviour of lifts
	Monostable	Monostable Sustained Actioning	Bistable		Cat. I	Cat. II		
C2 - C4 - T2 - T3 - T4	✓	✓	✓	✓	✓	✗	✓	✓

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.	EEx 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

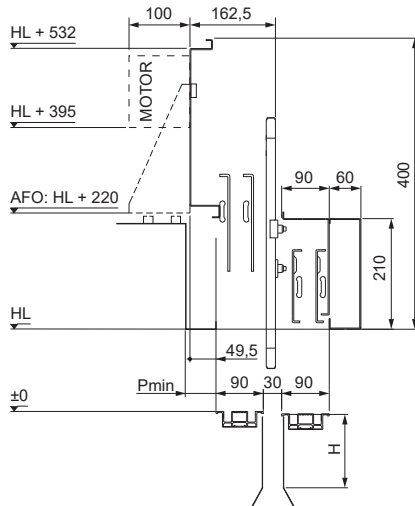
Type of panel regulation support	Basic		
Type of panel guide	Basic	EN 81-1/2	EN 81-20/50
			

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

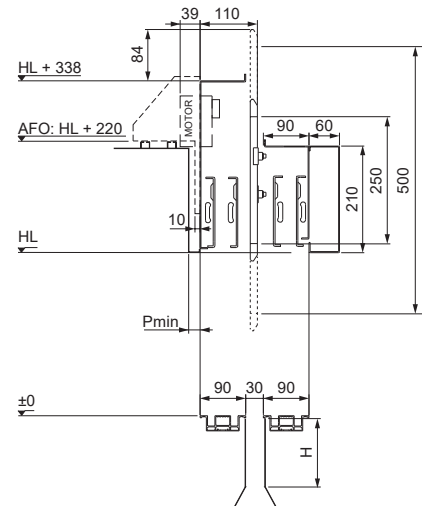
¹ Some option combinations may not be possible.

Door configuration

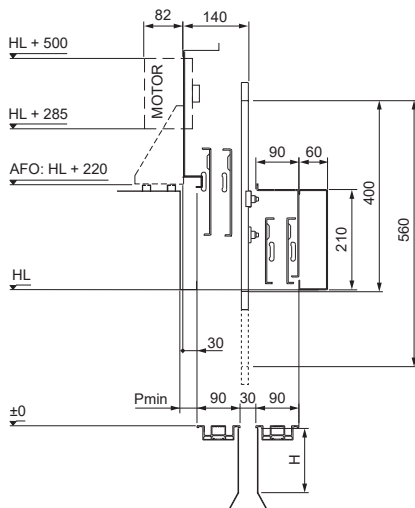
COMPATIBILITY



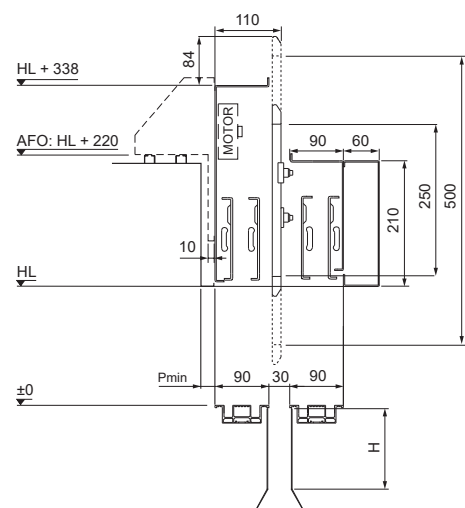
Case	40/10 MC car door
Coupling	Symmetrical clutch
Unlocking zone	+150 / -250
Toe guard type	Standard
H	395
Thickness	1
Range	All
Pmin ≥ 25. T2 opening shown. If not otherwise indicated all dimensions in mm.	



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
Pmin ≥ 25. T2 opening shown. If not otherwise indicated all dimensions in mm.		



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	395	395
Thickness	1	1
Range	All	All
Pmin ≥ 25. T2 opening shown. If not otherwise indicated all dimensions in mm.		

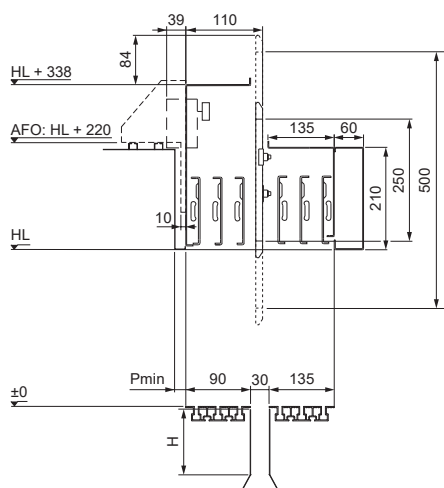


Case	40/10 PM car door	
Coupling	Symmetrical clutch	Pre-opening symmetrical clutch
Unlocking zone	+98 / -152	+228 / -290
Toe guard type	Standard	Standard
H	265	395
Thickness	1	1
Range	All	All
Pmin ≥ 25. T2 opening shown. If not otherwise indicated all dimensions in mm.		

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

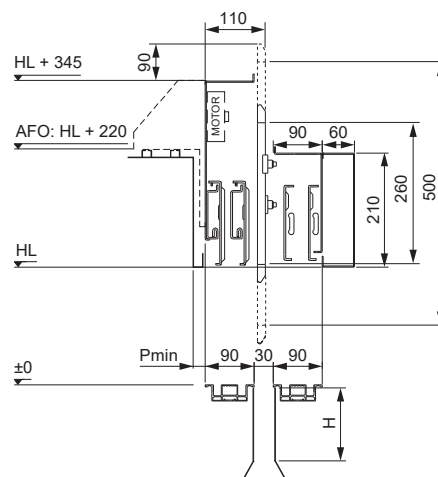
¹ Some option combinations may not be possible.

Door configuration



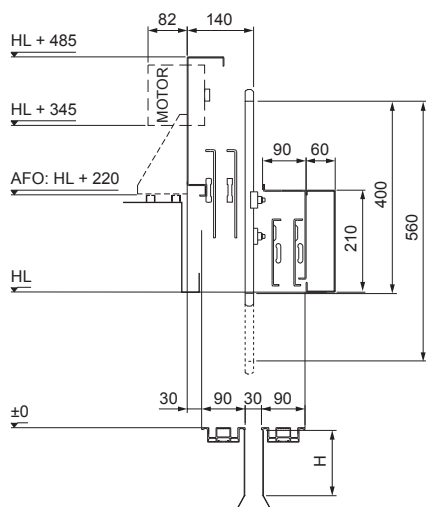
Case	40/10 DC 48 V Slim car door	
Coupling	Symmetrical clutch	Pre-opening symmetrical clutch
Unlocking zone	+98 / -152	+228 / -273
Toe guard type	Standard	
H	395	
Thickness	1	
Range	All	

Pmin $\geq$ 25.
T3 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	
H	265	
Thickness	1	
Range	All	

Pmin $\geq$ 25.
T2 opening shown.
If not otherwise indicated all dimensions in mm.



Case	50/11 VF MEGA 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	

Pmin $\geq$ 25.
T3 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.

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

DHP type	C2			C4			T2			T3			T4		
	DHP ⁽⁷⁾ (mm)	Bracket		DHP ⁽⁷⁾ (mm)	Bracket		DHP ⁽⁷⁾ (mm)	Bracket		DHP ⁽⁷⁾ (mm)	Bracket		DHP ⁽⁷⁾ (mm)	Bracket	
		⌚	⌚		⌚	⌚		⌚	⌚		⌚	⌚		⌚	⌚
1	0 - 31	X	A	0 - 37,5	X	A	0 - 37,5	X	A	0 - 32,5	D		0 - 40	D	
2a	-	-		37,6 - 89	W		37,6 - 89	W		32,6 - 125	D		41 - 125	D	
2b	32 - 93	W		90 - 140	D		90 - 140	D		126 - 175	V2		126 - 200	V2	
3	94 - 110	V8		141 - 150	V2		141 - 150	V2		176 - 195	V7		201 - 240	V7	
4	111-124	V5		-	-		-	-		-	-		-	-	

Bracket type	A	D	V2	V5	V7	V8	X	W
								
Thickness (mm)	5	5	4	4	4	4	5	5

⁷ See DHP dimension in sill detail (technical drawings pages).

UPPER FASTENING BRACKET QUANTITY⁽⁸⁾

Opening	PL			
	600 650	700 800	900 1.100	1.200 1.400
C2				4
C4				4
T2	2			3
T3				3
T4				3

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

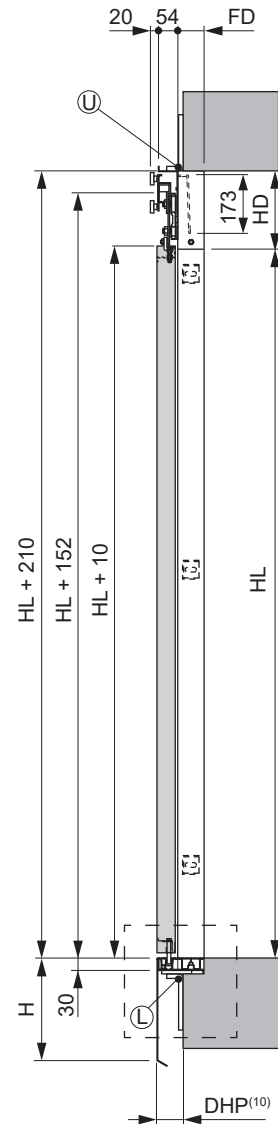
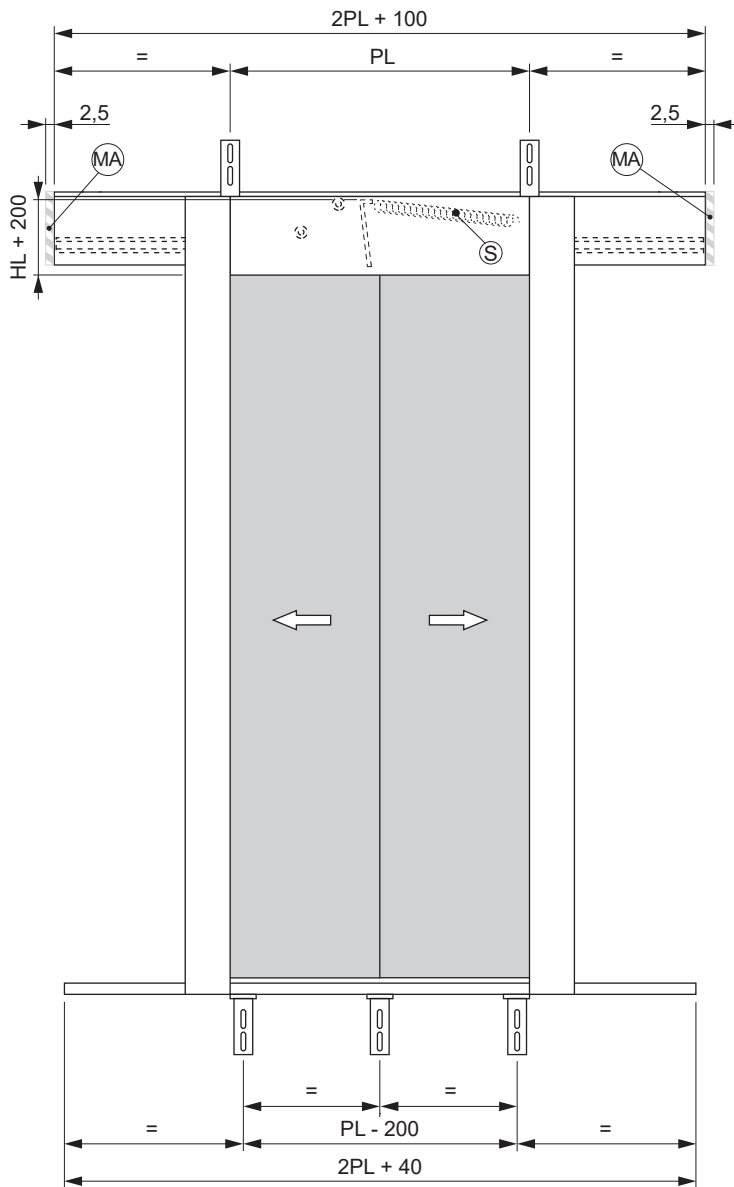
LOWER FASTENING BRACKET QUANTITY⁽⁸⁾

Opening	PL			
	600 650	700 800	900 1.100	1.200 1.400
C2				4
C4				5
T2	3			5
T3				5
T4	4			6

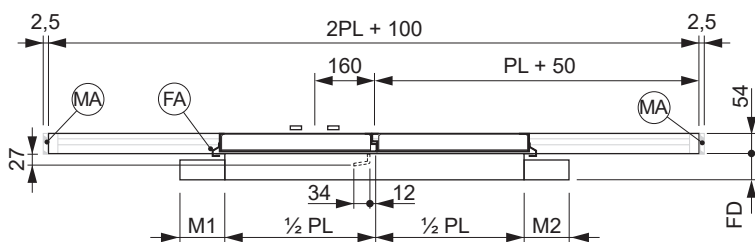
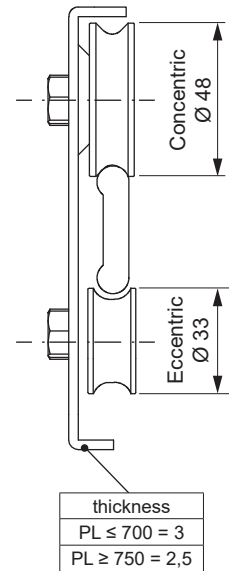
⁸ With Infill Panel: C2/C4 +2, T2/T3/T4 +1.

Technical drawing 2 panel centre parting door

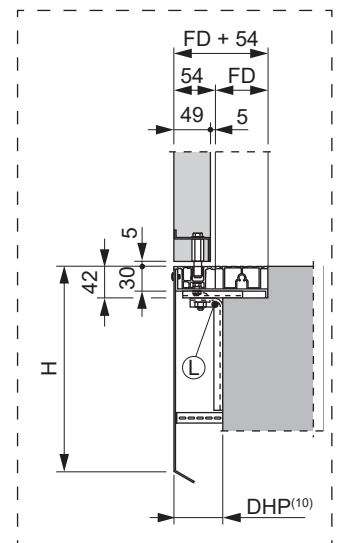
54 mm sill



MECHANICAL DETAILS



SILL DETAIL



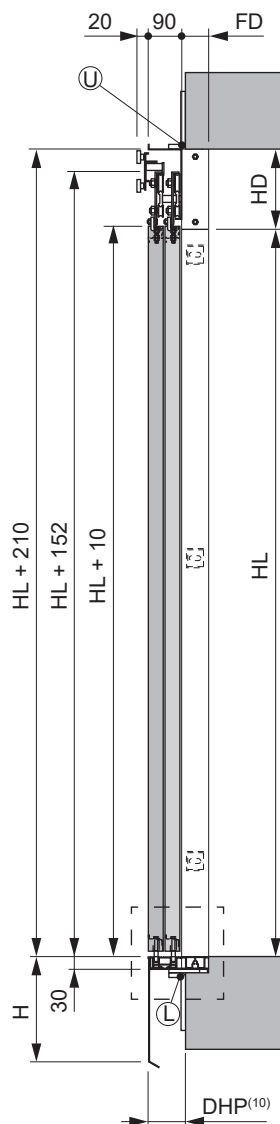
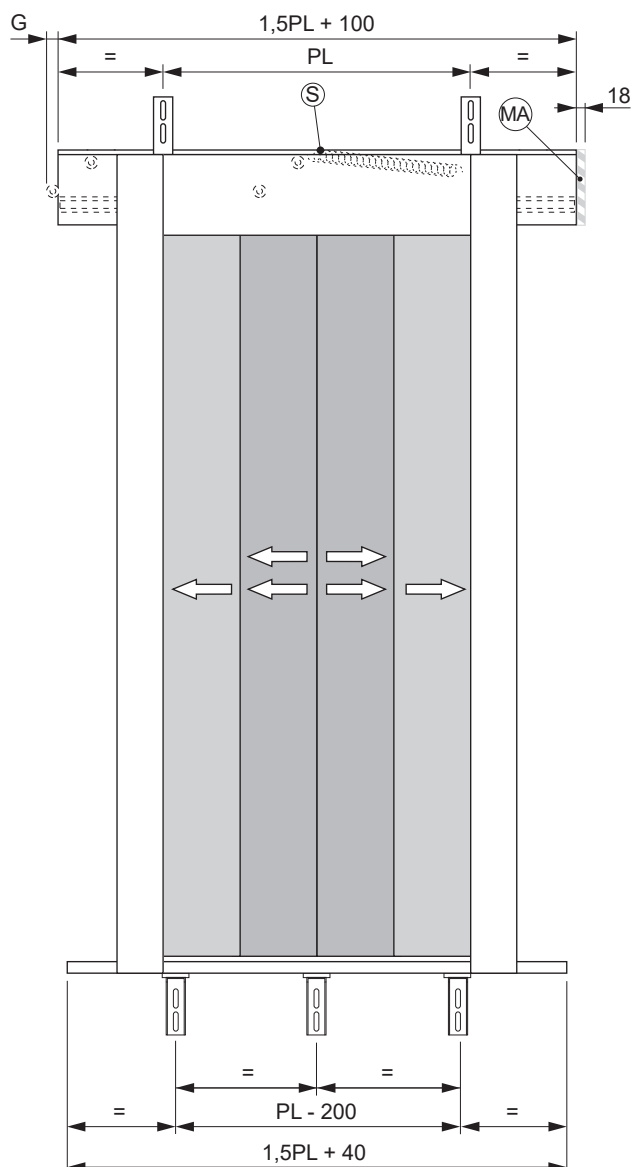
DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

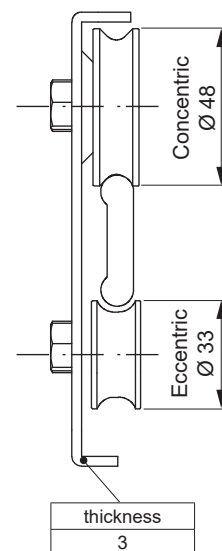
- (10) See DHP details in technical features page.
 - If not otherwise indicated all dimensions in mm.
 MA Mechanism hardware area.
 FA If fire angle exists, it protrudes 19 mm from the panel so the total width of the panel is $\frac{1}{2} PL + 39$.

Technical drawing 4 panel centre parting door

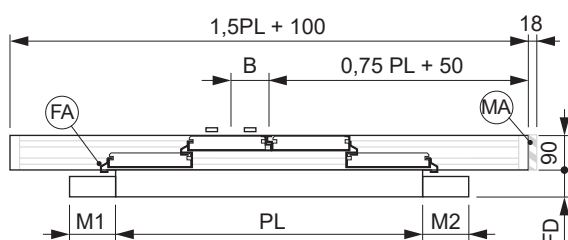
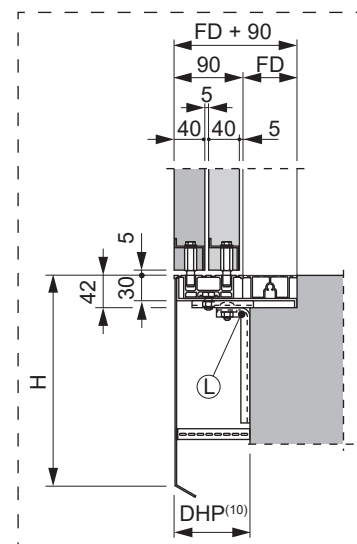
90 mm sill
Single locking device (PL 700 - 1.150)



MECHANICAL DETAILS



SILL DETAIL



PL	600	650	700	≥ 750
G	40	30	15	0
In open position				

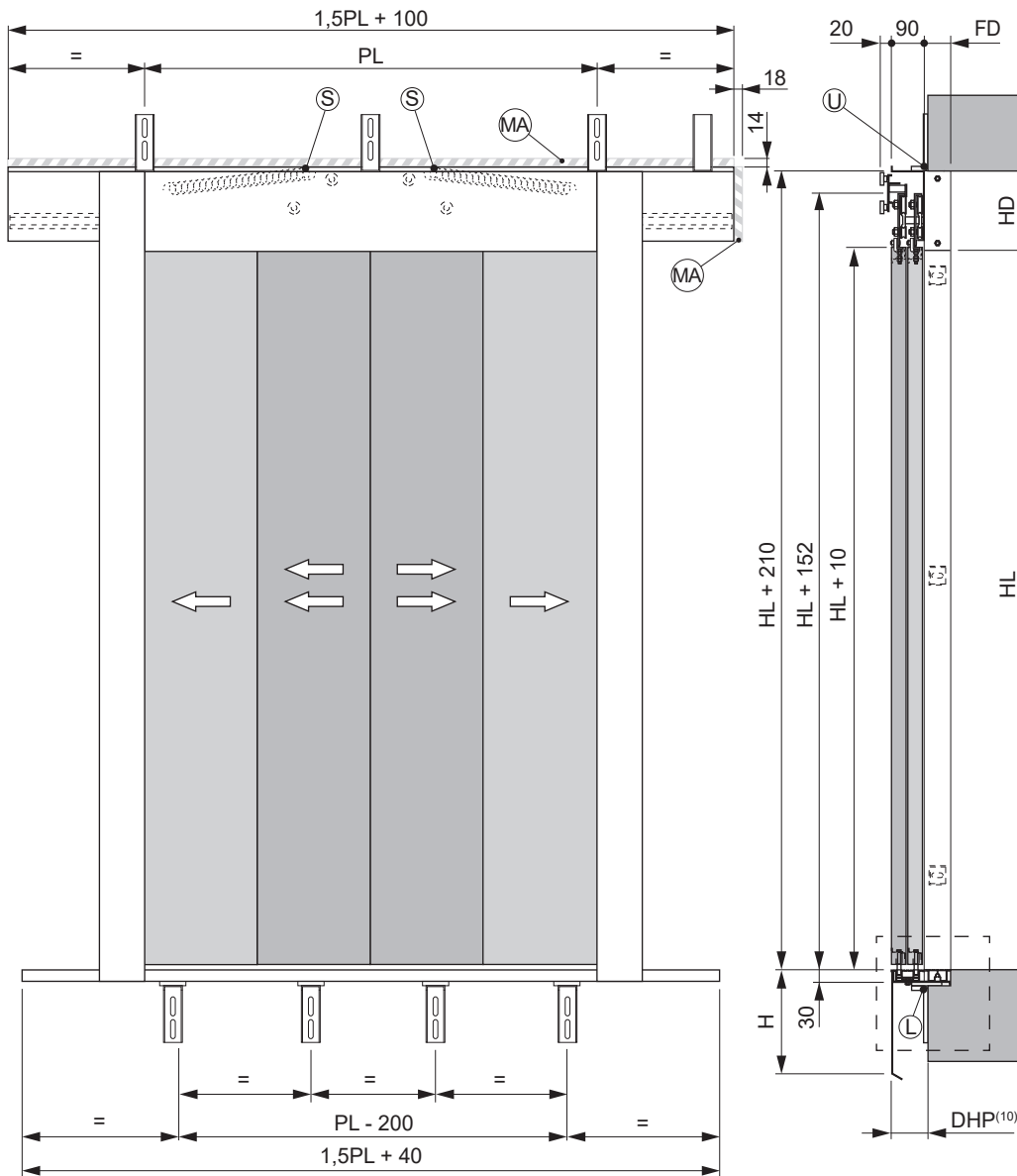
DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

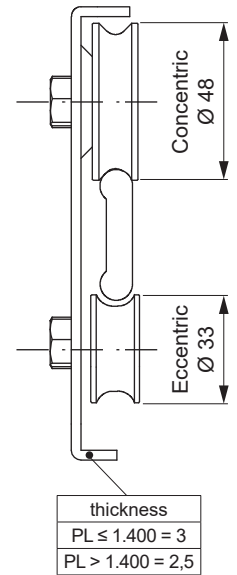
- (10) See DHP details in technical features page.
 B For PL < 950 = 100. For PL ≥ 950 = 160.
 - If not otherwise indicated all dimensions in mm.
 MA Mechanism hardware area.
 FA If fire angle exists, it protrudes 19 mm from the panel so the total width of the panel is 1/4 PL + 39.

Technical drawing 4 panel centre parting door

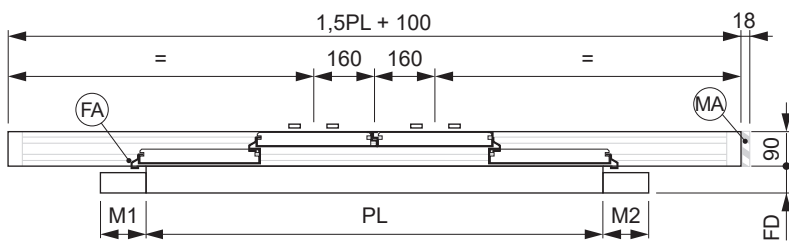
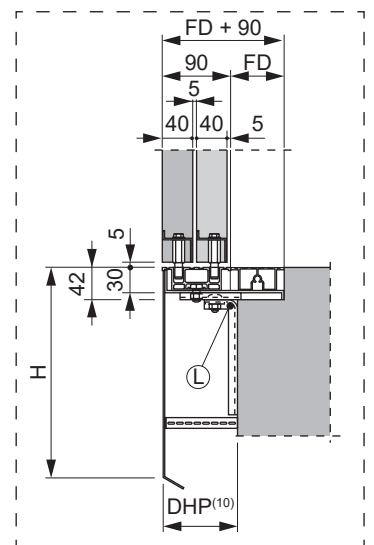
90 mm sill
Double locking device (PL 1.200 - 1.400)



MECHANICAL DETAILS



SILL DETAIL

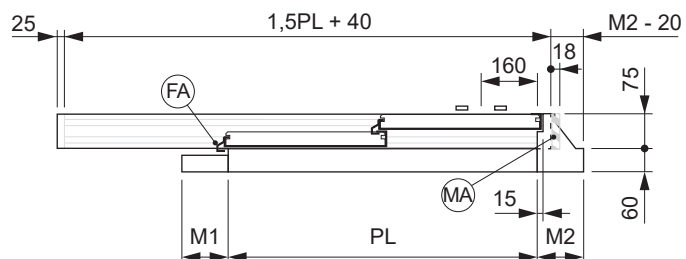


DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

- (10) See DHP details in technical features page.
- If not otherwise indicated all dimensions in mm.
MA Mechanism hardware area.
FA If fire angle exists, it protrudes 19 mm from the panel so the total width of the panel is 1/4 PL + 39.

75 mm sill - RLO



Notes:

(10) See DHP details in technical features page.
- If not otherwise indicated all dimensions in mm.
MA Mechanism hardware area.
FA If fire angle exists, it protrudes 19 mm from the panel so the total width of the panel is $1/2 \text{ PL} + 39$.

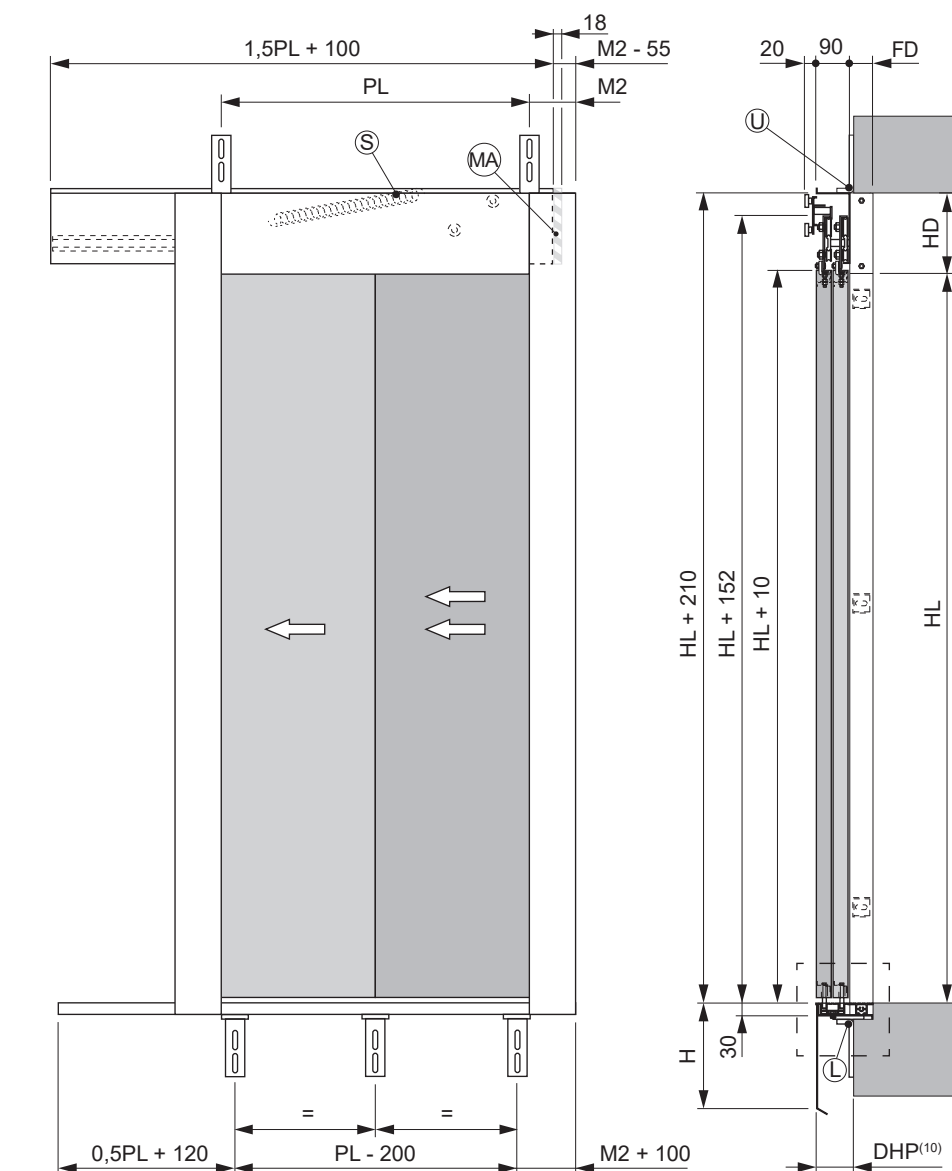
Technical drawing of a double-flange connection. The drawing shows two flanges joined by a central pipe. The top flange is labeled "Concentric Ø 48" and the bottom flange is labeled "Eccentric Ø 33". A dimension line indicates the thickness of the flange, which is defined in the table below.

thickness
PL 700 = 3
PL ≥ 750 = 2,5

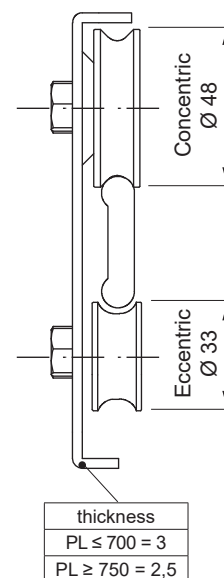
Technical drawing of the DHP 10 door handle assembly. The drawing shows a side view of the handle mounted on a door. Key dimensions are labeled: total width 135, mounting plate width 75, handle body width 60, mounting plate offset 5, handle body offset 5, and mounting plate depth 32.5. The handle body has a height of 42 and a mounting plate height of 30. The handle is labeled 'DHP(10)' and 'L'.

Technical drawing 2 panel side opening door

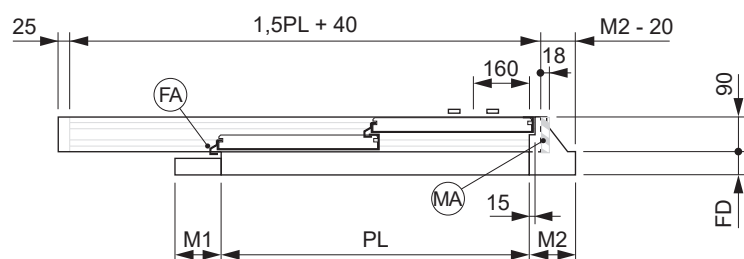
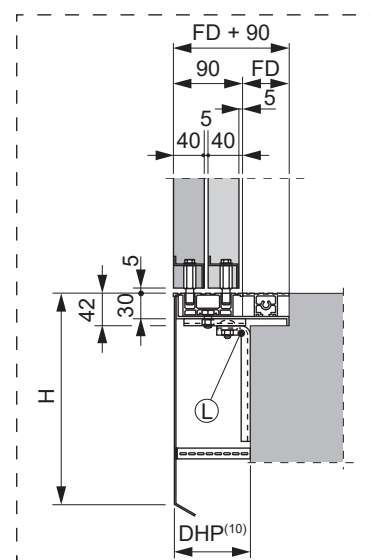
90 mm sill



MECHANICAL DETAILS



SILL DETAIL



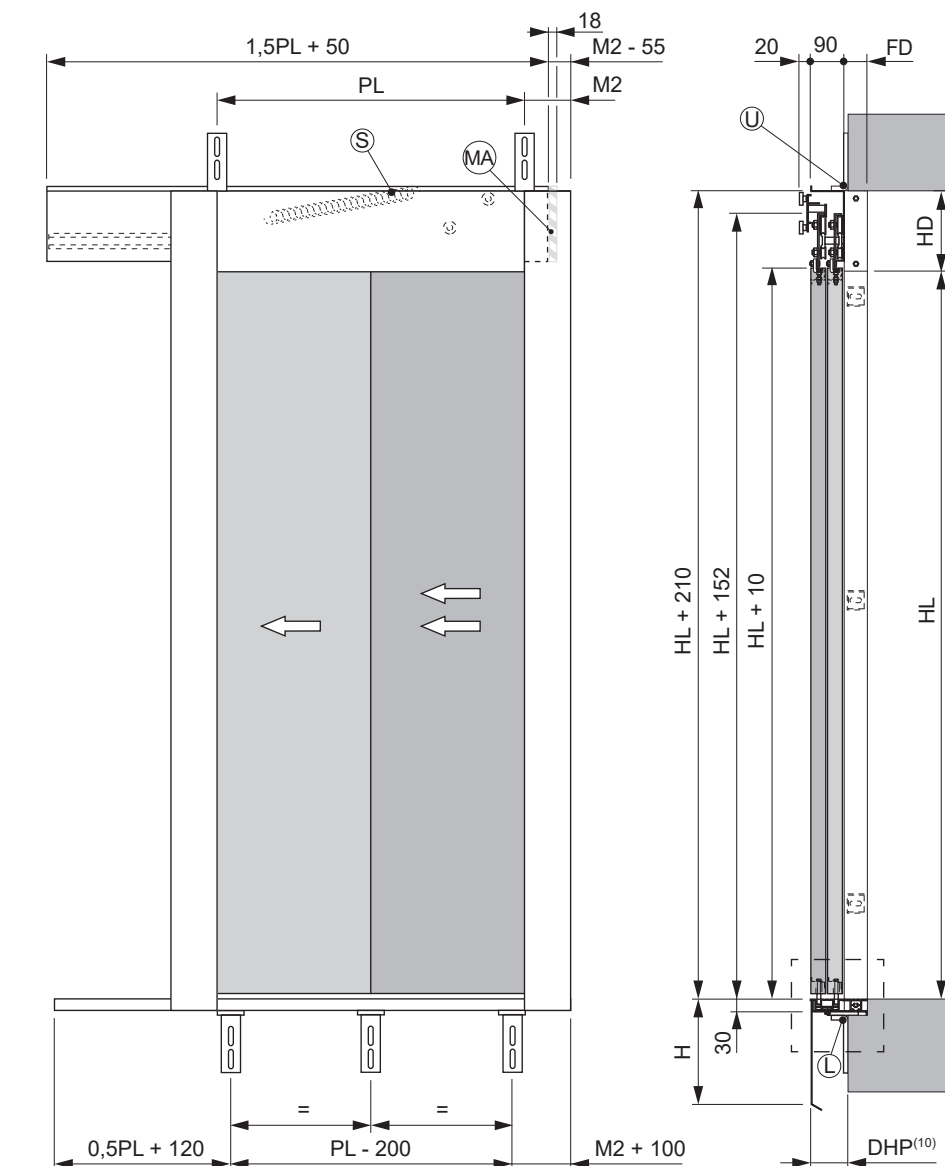
DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

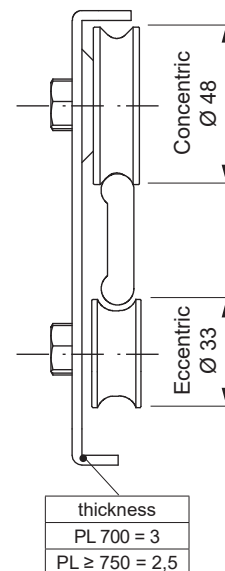
- (10) See DHP details in technical features page.
 - If not otherwise indicated all dimensions in mm.
 MA Mechanism hardware area.
 FA If fire angle exists, it protrudes 19 mm from the panel so the total width of the panel is 1/2 PL + 39.

Technical drawing 2 panel side opening door

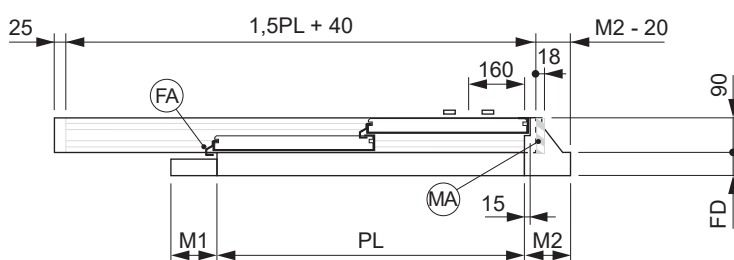
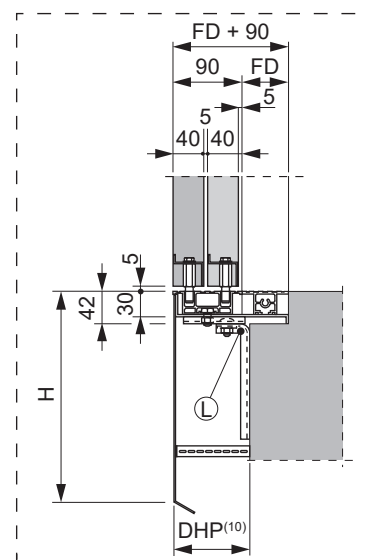
90 mm sill - RLO



MECHANICAL DETAILS



SILL DETAIL



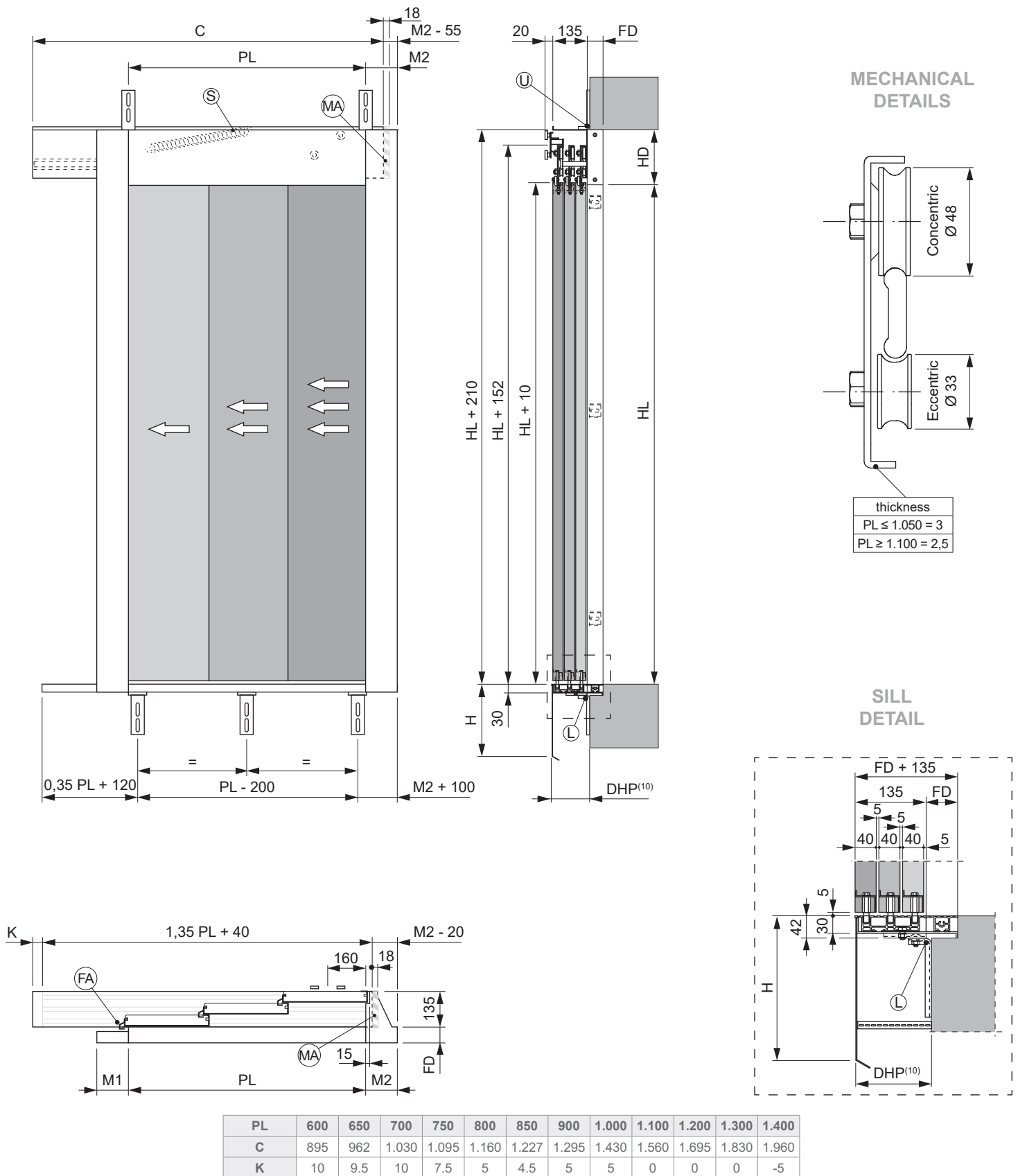
DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Spring

Notes:

- (10) See DHP details in technical features page.
 - If not otherwise indicated all dimensions in mm.
 MA Mechanism hardware area.
 FA If fire angle exists, it protrudes 19 mm from the panel so the total width of the panel is $\frac{1}{2} PL + 39$.

Technical drawing 3 panel side opening door

135 mm sill



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

Notes:

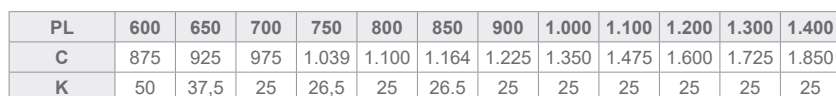
(10) See DHP details in technical features page.

- If not otherwise indicated all dimensions in mm.

MA Mechanism hardware area.

FA If fire angle exists, it protrudes 19 mm from the panel so the total width of the panel is $\frac{1}{3} PL + 39$.

180 mm sill



Notes:

(10) See DHP details in technical features page.

B For $PL < 950 = 100$. For $PL \geq 950 = 160$.

- If not otherwise indicated all dimensions in mm.

MA Mechanism hardware area.

FA If fire angle exists, it protrudes 19 mm from the panel so the total width of the panel is $1/4 PL + 39$.



Sales contacts

General

info@fermator.com

Manufacturing companies

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40/10 ROUND R2

Automatic horizontal sliding landing door



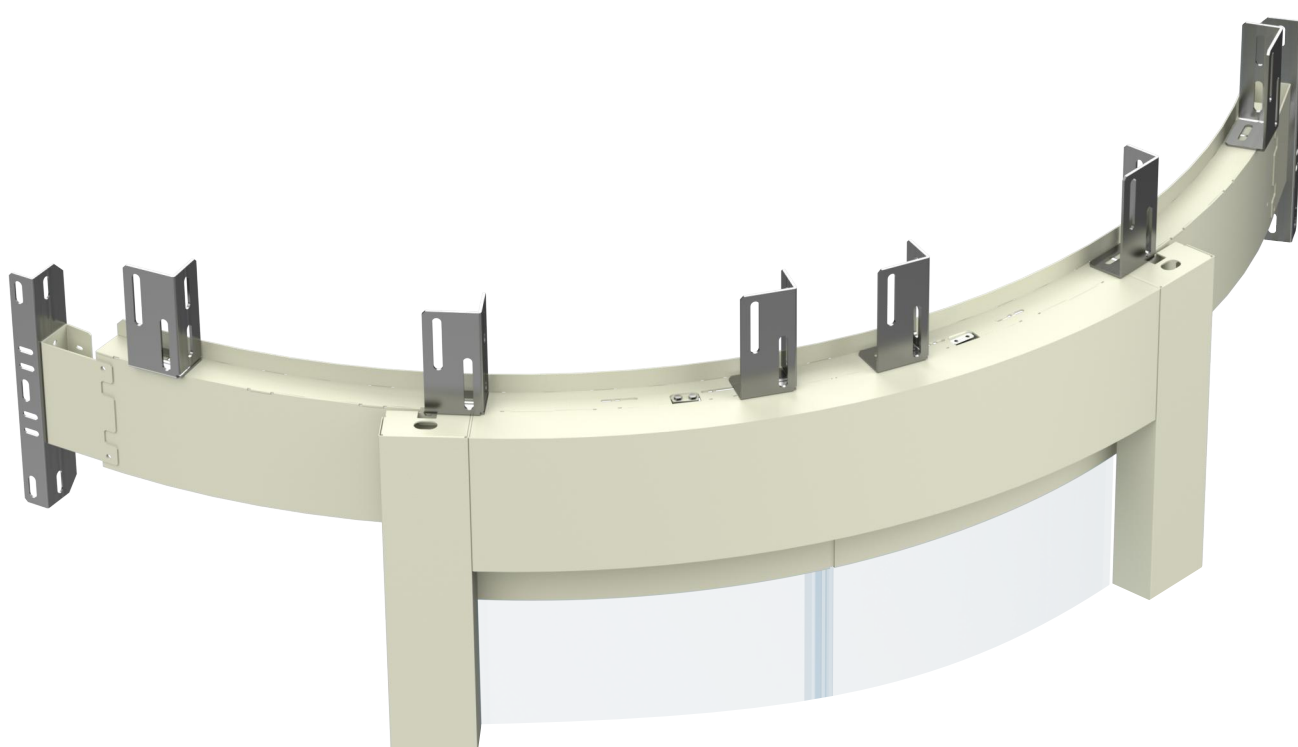
NEW INSTALLATION



RESIDENTIAL
LIFTS



COMMERCIAL
LIFTS



Segmentation

New Installation

Residential lifts

Commercial lifts

Compliances

Safety codes

EN 81-1/2

EN 81-20/50

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

Range

Opening

Min. Radius

PL

HL

C2

550 mm

600 - 1.100 mm

2.000 - 2.600 mm

Panels

Sheet metal, Full glass in skirting

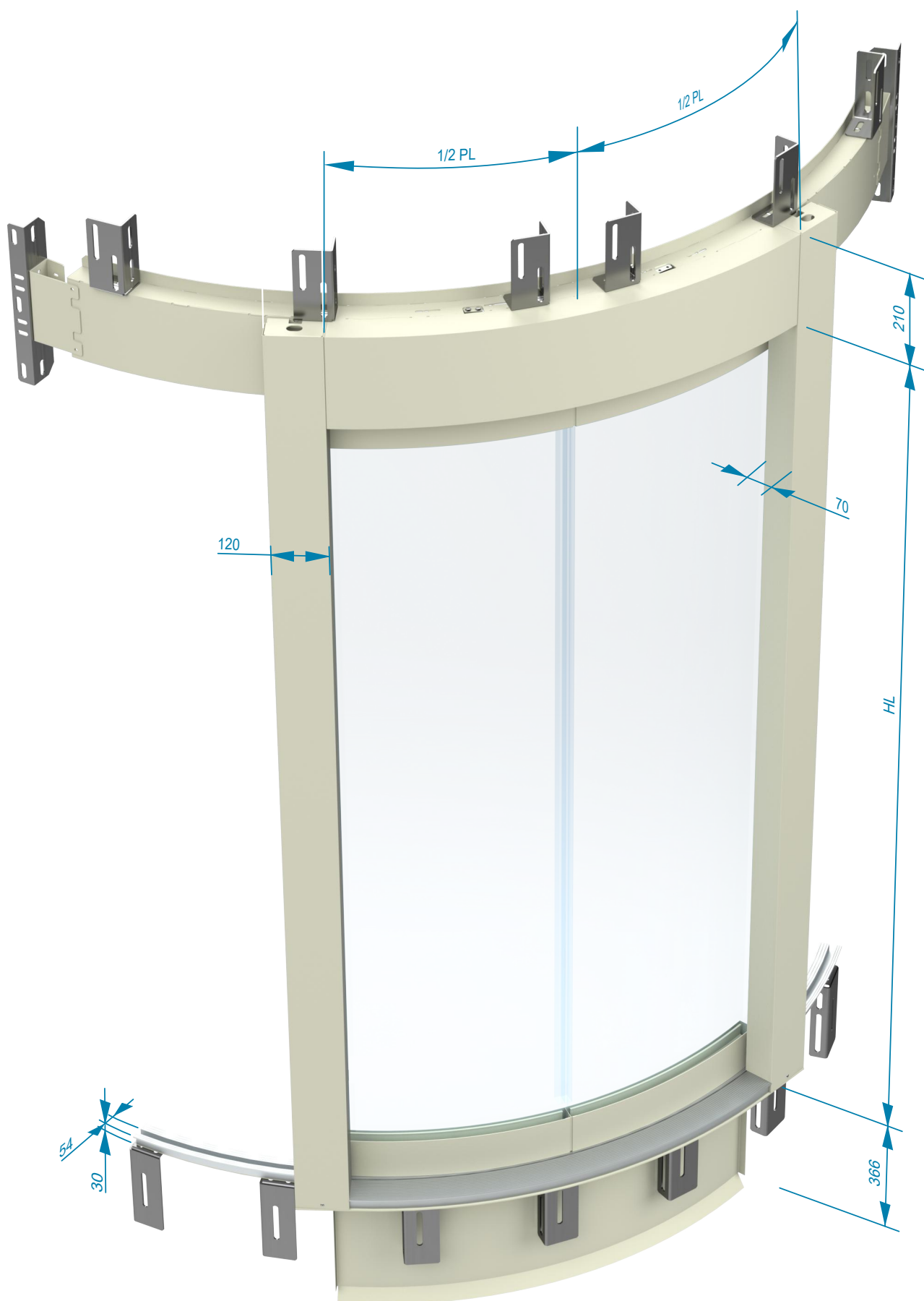
Main features

Simplified installation and maintenance for mechanism parts

Mechanism compact design

Ask the commercial department for more combinations details.

General dimensions





Sales contacts

General

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Manufacturing companies

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