

PLATINUM

Automatic horizontal sliding landing door



Door configuration

LIFT APPLICATION

Door cycles per year:	Up to 2.500.000.
Maximum cycle rate of the door:	Up to 360 cycles per hour.
Maximum lift speed:	Up to 6 m/s.

APPLICATION RANGE

Opening	Clear opening - PL (mm)	Clear height - HL (mm)
C2 - T2	800 - 2.000	2.000 - 3.000

PANELS

Opening	Steel panels					Glass panels				
	Metal sheet	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 - T2	EI 60	NO F.R. F.R. E120	x	x	x	x	✓	x	x	x

F.R.: Fire rated according to EN 81-58.

Anti-trapping safety device option

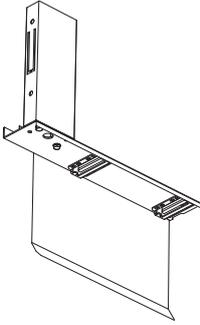
C2 - T2	x	x	x	x	x	x	x	x	x	x
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FRAME DEFINITION

Frame depth (mm)	Jamb J1 (mm)	Header (mm)	Jamb J2 (mm)	Remarks	Frame type				Options			
					STD	MSS MV	MSS MH	Concealed	Lateral covers	Without extra-stroke	MRL	Without frame mounting slots or holes
25	100	270	100	-	✓	x	x	x	x	x	x	x
60	120 - 200 + Δ10	≥ 270 + Δ10	120 - 200 + Δ10	NO F.R. E 120 EI 120 EI 60	✓	x	x	x	✓ ⁽²⁾	x	x	✓
	100	>270+Δ10 ⁽³⁾	100	-	✓	x	x	x	x	x	x	x
	120		120	-	✓	x	x	x	x	x	x	x
	250 + Δ10 ⁽⁴⁾		≥ 250 + Δ10 ⁽⁴⁾	-	✓	x	x	x	x	x	x	x

(2) Lateral covers only available in No F.R. and E 120.
 (3) EI 60, Header Max: 420 mm.
 (4) Only opening jamb combined with ≤ 100 mm close jamb.
 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.

FRAME DETAIL

Frame type	STD	MSS MV	MSS MH	Concealed
Frame detail		-	-	-

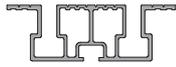
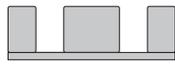
MSS MV: Frame without sill supplement with visible sill support.
 MSS MH: Frame without sill supplement with concealed sill support.

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	Concealed steel	Massive
Profile detail					
Availability	x	✓	x	x	x
Heated sill option	x	✓	x	x	x
Debris holes	x	✓	x	x	x
Sill supplement	x	✓	x	x	x

STANDARDS

Opening	EN 81-1/2 Safety rules	EN 81-21 Existing buildings	EN 81-41 Impaired mobility	EN 81-71 Vandal resistant lifts		EN 81-72 Firefighting lifts	EN 81-20/50 Safety rules
				Cat. I	Cat. II		
C2 - T2	✓	✓	x	✓	✓	✓	✓

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 debris and protected against water splashed from all directions.		IP65 Sealed against debris 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 - T2	✓	✓	x	x	x	x

PANEL REGULATION SUPPORT AND PANEL GUIDE

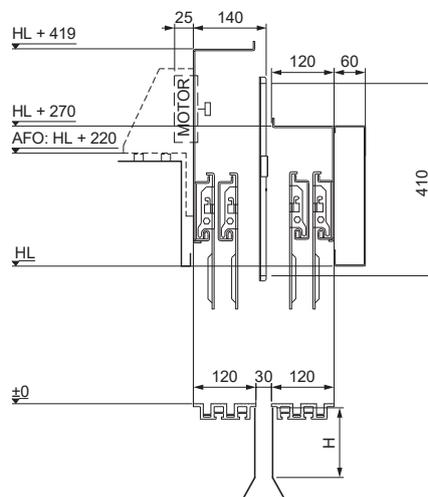
Type of panel regulation support	Direct fastening	
Type of panel guide	Plus	

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

⁽¹⁾Some option combinations may not be possible.

Door configuration

COMPATIBILITY



Case	Platinum PM car door
Coupling	Asymmetrical clutch
Unlocking zone	+205 / -205
Toe guard type	Standard
H	265
Thickness	1,5
Range	All

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

Technical features



T2 mechanism

GENERAL FEATURES

Noise level	< 51 dB.
Total weight	Reference: T2 PL 800 mm HL 2.000 mm 120 x 60 frame, with double skin panels - 118 kg.

SAFETY CLOSING

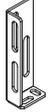
Opening	PL	HL	Available System
C2	800 - 2.000	2.000 - 3.000	Counterweight. Outside the mechanism.
T2			Counterweight. Inside the jamb.

INSTALLATION

Pre-adjusted and tested to simplify the installation.
All parts within the sill projection.

DOOR HOISTWAY PROJECTION (DHP) - FIXING BRACKETS

DHP type	C2			T2		
	DHP ⁽⁵⁾ (mm)	Bracket		DHP ⁽⁵⁾ (mm)	Bracket	
		⊕	⊙		⊕	⊙
1	0 - 45	W	D	0 - 50	D	
2a	46 - 90	V9		51 - 90	V9	
2b	-	-		91 - 125	V8	
3	91 - 125	V8		130 - 180	V2	
4	126 - 165	V2		181 - 200	V7	

Bracket type	W	D	V9	V8	V2	V7
Thickness (mm)						
	5	5	4	4	4	4

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

UPPER FASTENING BRACKET QUANTITY

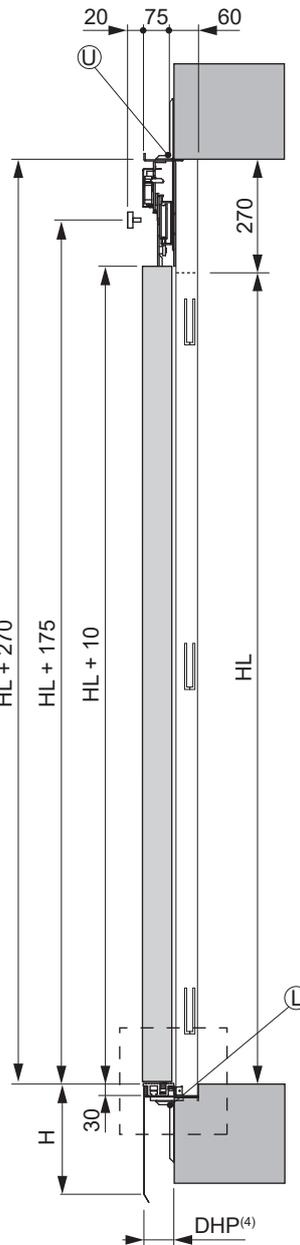
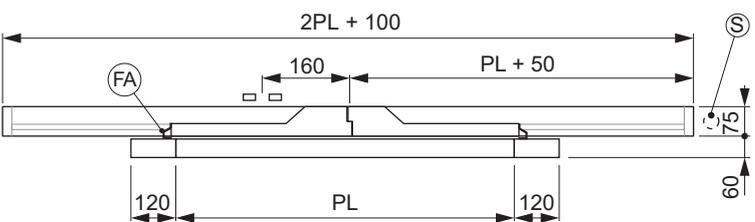
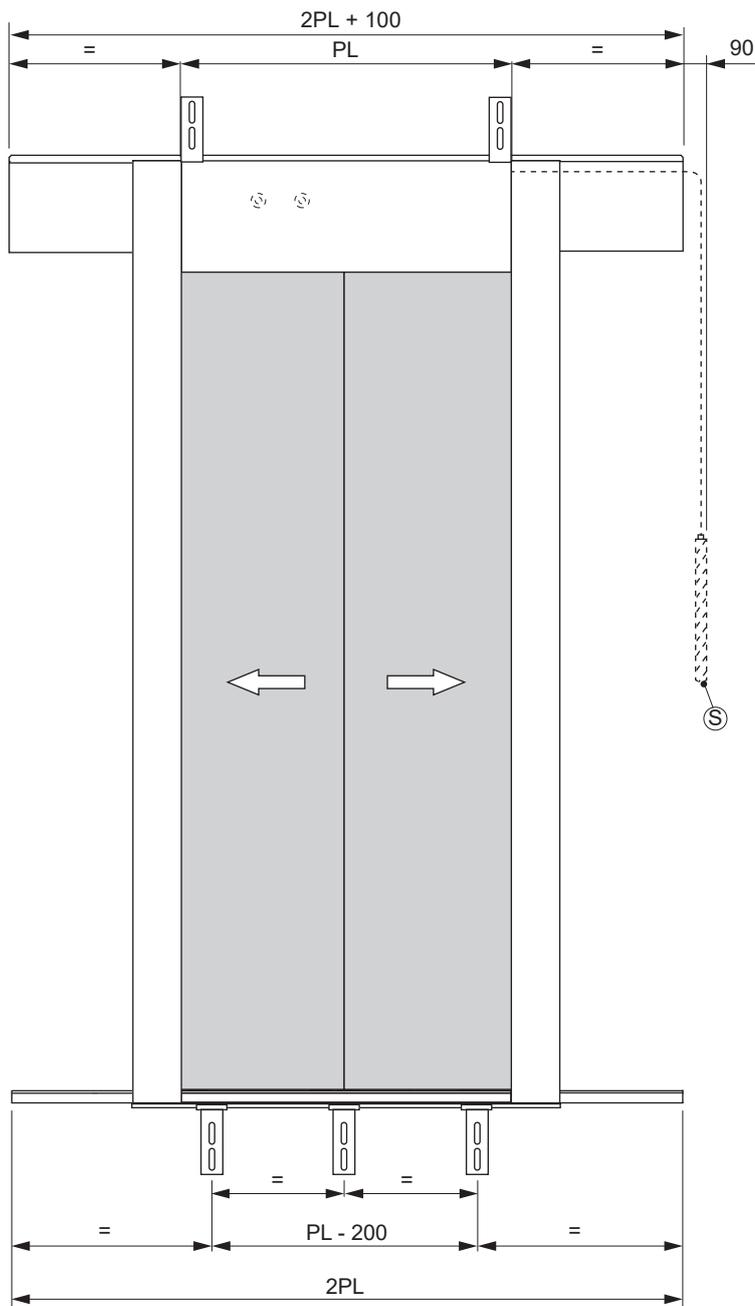
Opening	PL					
	800 900	1.000 1.100	1.200	1.300 1.400	1.500 1.800	1.900 2.000
C2	5		7	9		
T2	4	5	6	7	8	

LOWER FASTENING BRACKET QUANTITY

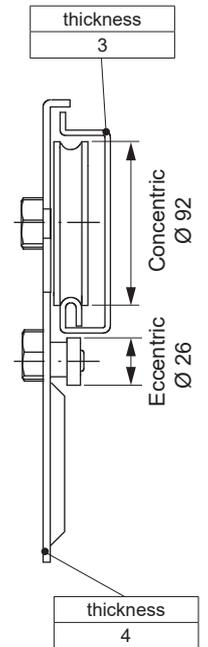
Opening	PL			
	800	900 1.100	1.200 1.400	1.500 2.000
C2	4	5	6	7
T2	4	5	6	7

Technical drawing 2 panel centre parting door

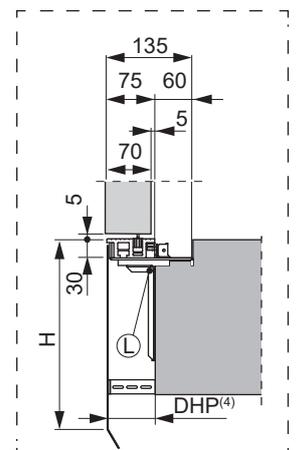
75 mm sill



MECHANICAL DETAILS



SILL DETAIL



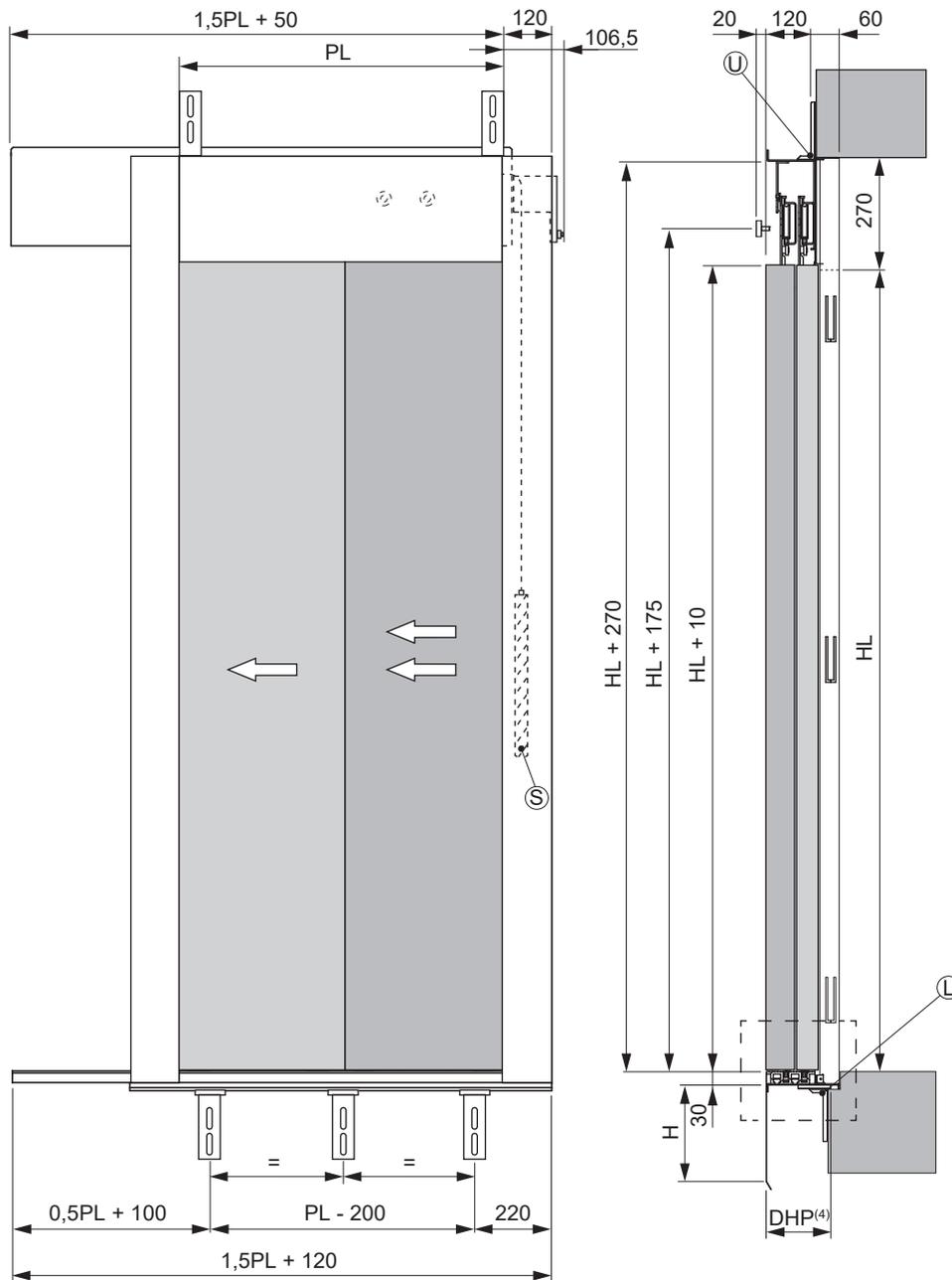
	DHP
U	Upper bracket
L	Lower bracket
	Safety closing system
S	Counterweight

Notes:

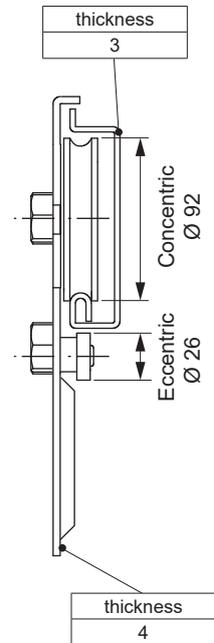
- (4) See DHP details in technical features page.
 - If not otherwise indicated all dimensions in mm.
 FA If fire angle exists, it protrudes 19 mm from the panel so the total width of the panel is $1/2 PL + 39$.

Technical drawing 2 panel side opening door

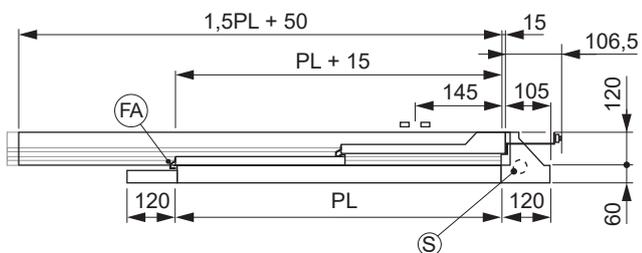
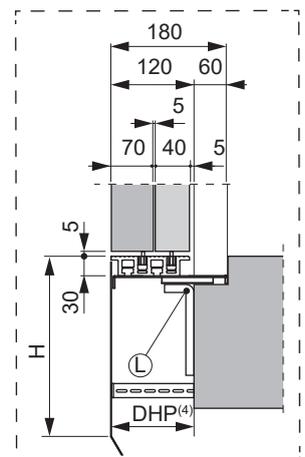
120 mm sill



MECHANICAL DETAILS



SILL DETAIL



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

Notes:

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



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