Fermator
AUTOMATIC DOORS FOR LIFTS

PLATINUM HR

Automatic horizontal sliding landing door

NEW INSTALLATION

COMMERCIAL
HIGH RISE LIFTS

DOC-FECMCBPR8R00EN-2.4
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ENG

Door configuration

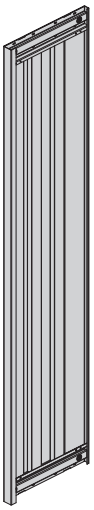
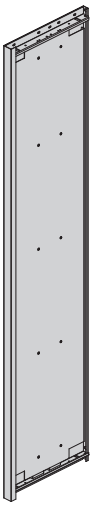
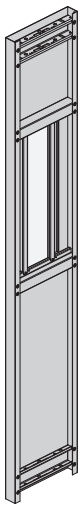
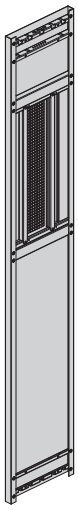
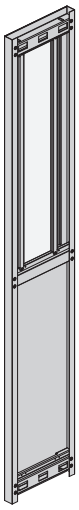
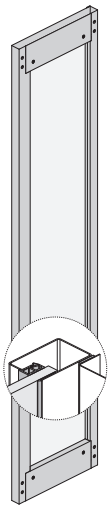
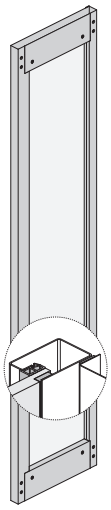
LIFT APPLICATION

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 - 2.400	2.000 - 3.000
C4	1.400 - 3.000	
T1	800 - 1.400	

PANELS

	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
Opening									
C2 - C4 - T1 - T2	NO F.R F.R. EI30 F.R EI60	NO F.R F.R. E120	×	×	×	×	NO F.R	×	×
F.R.: Fire rated according to EN 81-58.									

Anti-trapping safety device option									
C2 - C4 - T1 - T2	×	×	×	×	×	×	×	×	×

FRAME DEFINITION

Frame depth (mm)	Jamb J1 (mm)	Header (mm)	Jamb J2 (mm)	Remarks	Frame type				Options			
					STD	MSS MV	MSS MH	Con-cealed	Lateral covers	Without extra-stroke	MRL	Without frame mounting slots or holes
60	120	270	120	-	✓(2)	×	×	×	✓	×	×	✓

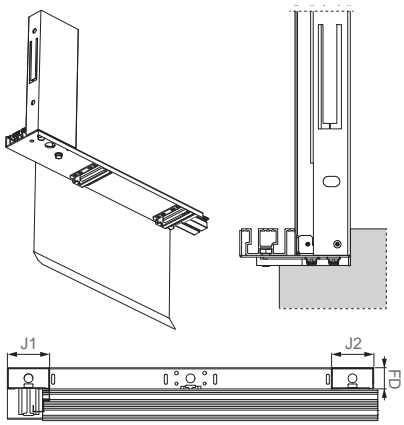
(2) F.R. E120
MSS MV: Frame without sill supplement with visible sill support.
MSS MH: Frame without sill supplement with concealed sill support.
Without extra-stroke: Closing jamb without labyrinth.
MRL: Jamb ready for lift control cabinet in machine roomless installations.

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

(1) Some option combinations may not be possible.

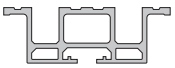
Door configuration

FRAMES DETAIL

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

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

STANDARDS

Opening	EN 81-20/50 Safety rules	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
					Cat. I	Cat. II	
C2 - C4 - T1 - T2	✓	✓	✓	×	✓	✓	×

PROTECTION

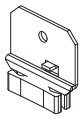
Opening	IP20 Protection against a solid foreign body of 12,5 mm or more in diameter.	IPX3 Protected against sprays of water up to 60 degrees from the vertical.	IP54 Protection against debris and protected against water splashed from all directions.		IP65 Sealed against debris and protected against jets 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 - C4 - T1 - T2	✓	✓	✓	×	×	×

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

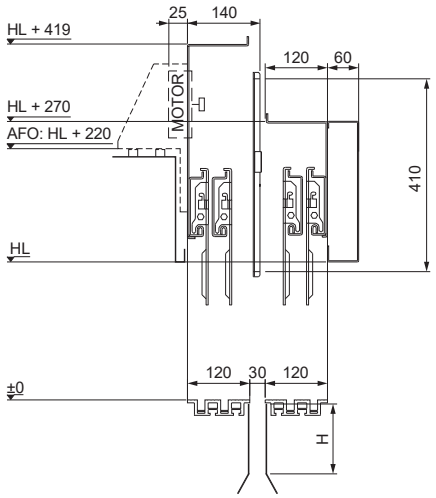
(1) Some option combinations may not be possible.

Door configuration

PANEL REGULATION SUPPORT AND PANEL GUIDE

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

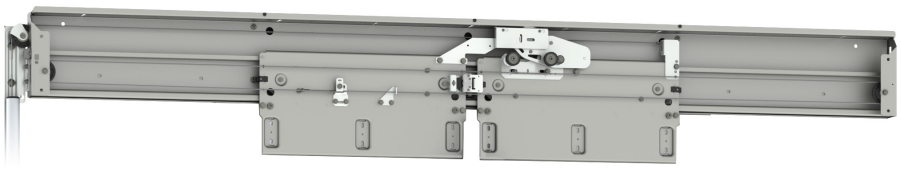
COMPATIBILITY



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



C2 mechanism

GENERAL FEATURES

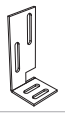
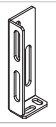
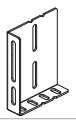
Noise level	< 51 dB.
Total weight	Reference: T2 PL 800 mm HL 2.000 mm 120 x 60 frame, with double skin panels - 145 kg.
Safety closing system	With counterweight. T2 Inside the jamb. C2 Outside the mechanism.

INSTALLATION

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

DOOR HOISTWAY PROJECTION (DHP) - FIXING BRACKETS

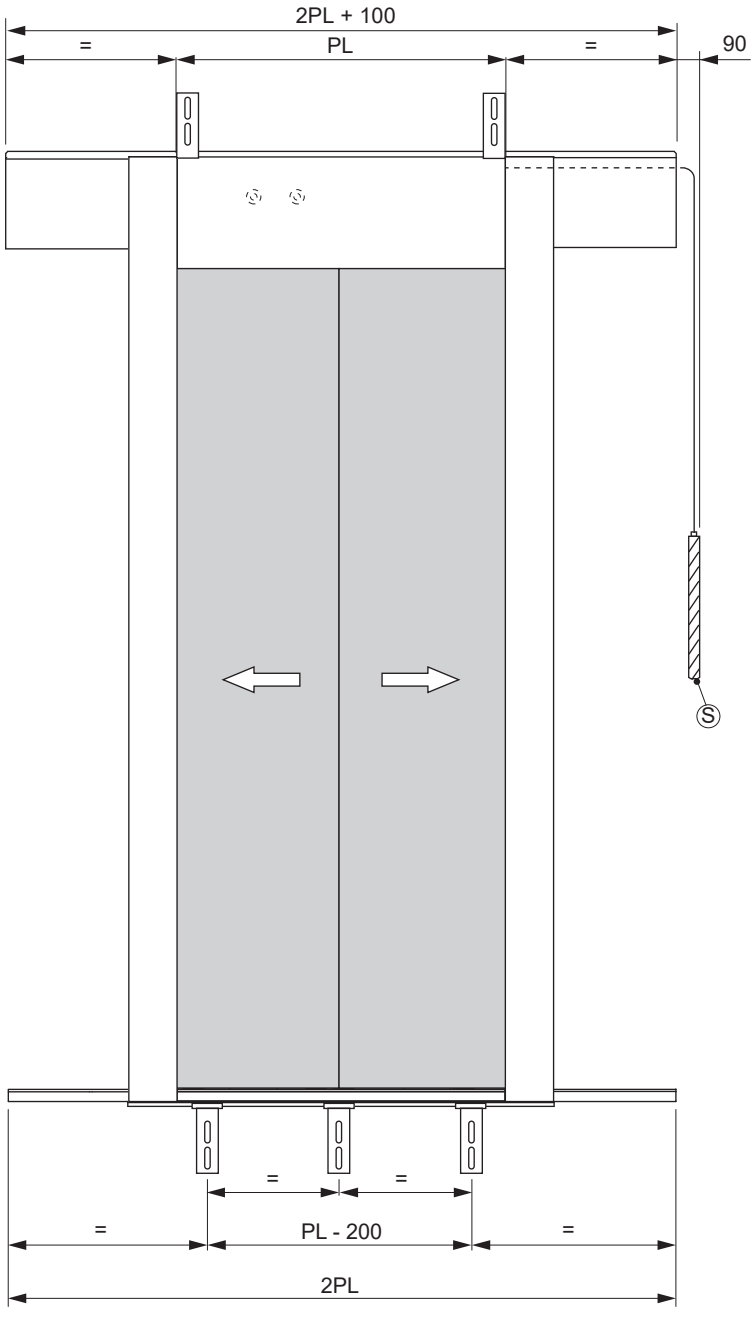
DHP type	C2 / T2		
	DHP* (mm)	Bracket	
		Ⓤ	Ⓛ
1	0 - 50	D	
2a	51 - 90	V9	
2b	91 - 129	V8	
3	130 - 180	V2	
4	181 - 200	V7	

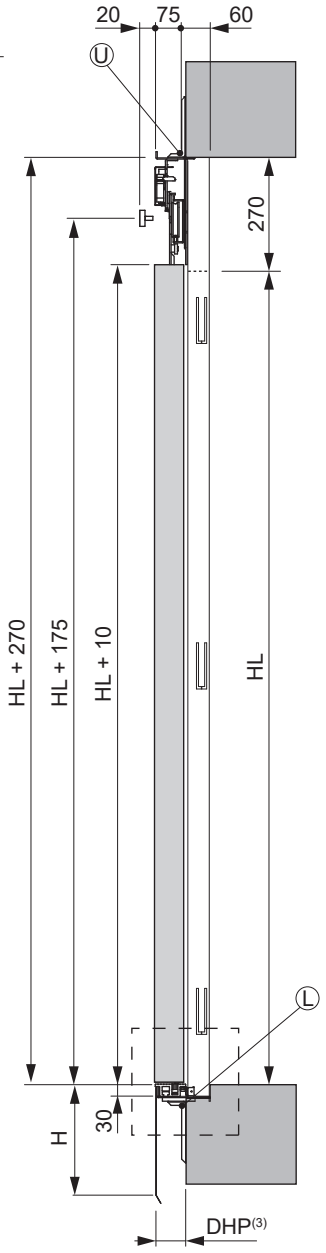
Bracket type	D	V9	V8	V2	V7
					
Thickness (mm)	5	4	4	4	4

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

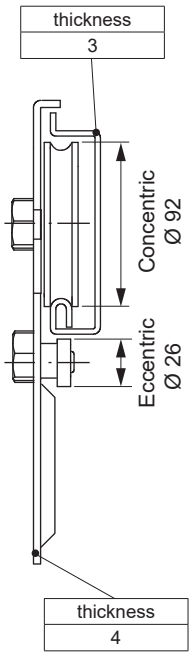
Technical drawing
2 panel centre parting door

75 mm sill

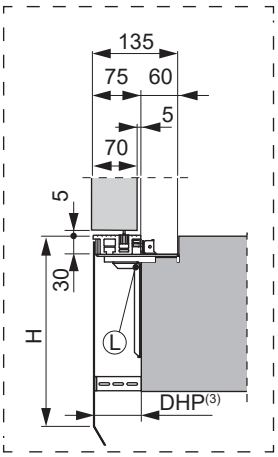


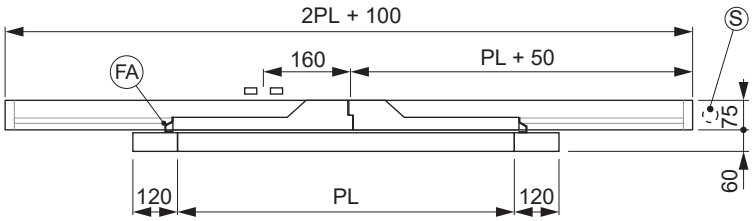


MECHANICAL DETAILS



SILL DETAIL





DHP	
Ⓤ	Upper bracket
Ⓛ	Lower bracket

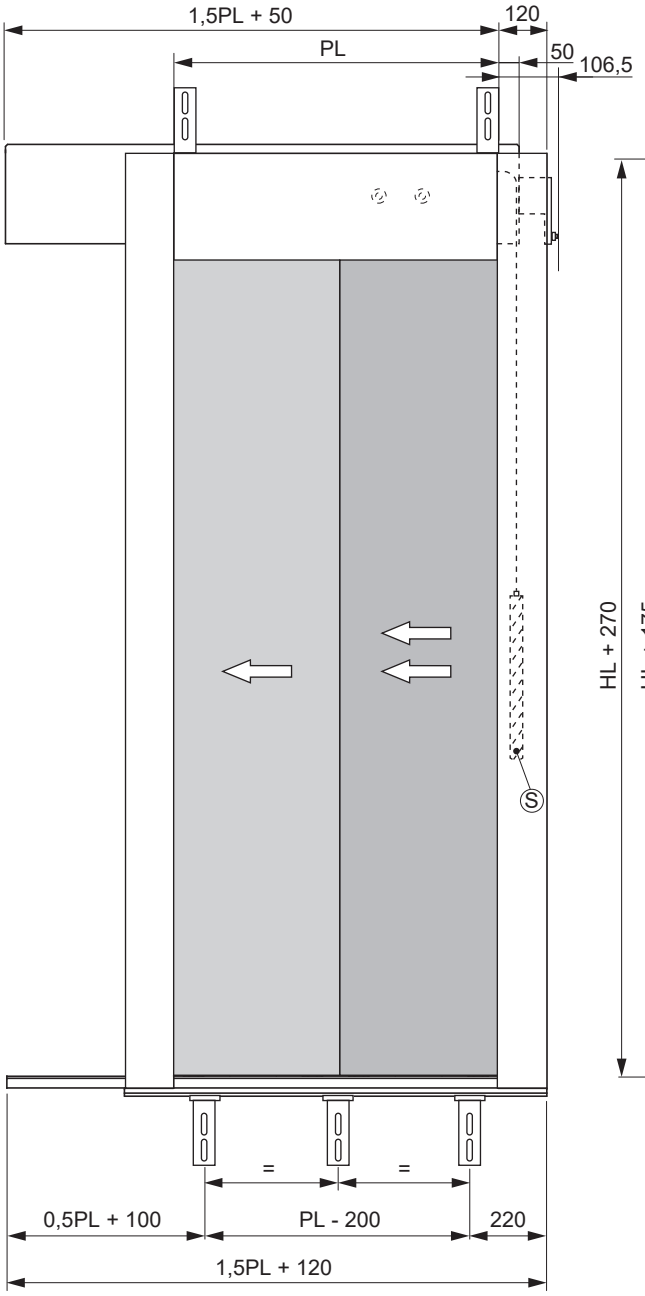
Safety closing system	
Ⓢ	Counterweight

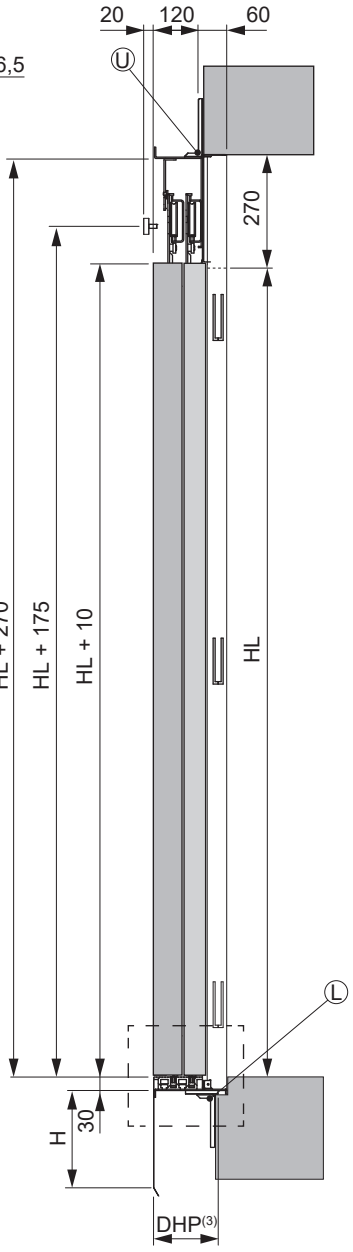
Notes:

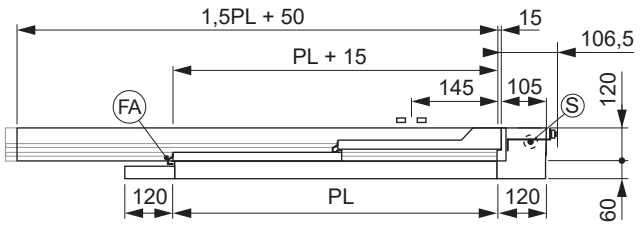
(3) See DHP details in technical features page.
- If not otherwise indicated all dimensions in mm.
FA If fire angle exists, it protrudes 19 mm from the panel so the total width of the panel is 1/2 PL + 39.

Technical drawing
2 panel side opening door

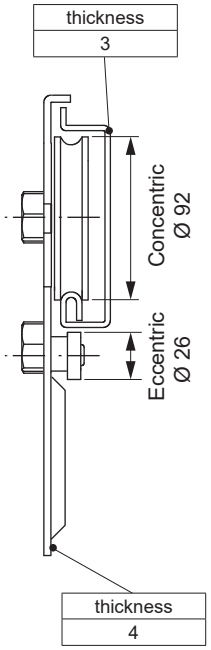
120 mm sill



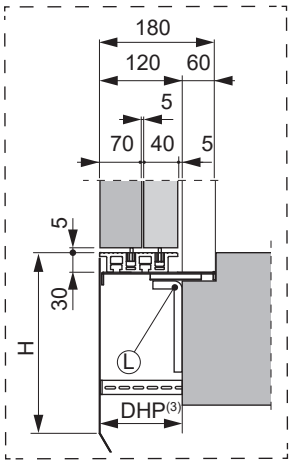




MECHANICAL DETAILS



SILL DETAIL



DHP	
Ⓤ	Upper bracket
Ⓛ	Lower bracket

Safety closing system	
Ⓢ	Counterweight

Notes:

(3) 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.

Fermator

AUTOMATIC DOORS FOR LIFTS

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