

PREMIUM HR

Automatic horizontal sliding landing door



NEW INSTALLATION



COMMERCIAL
HIGH RISE LIFTS



Door configuration

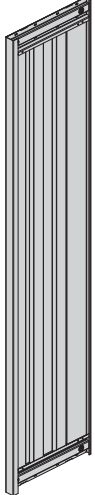
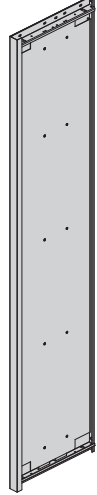
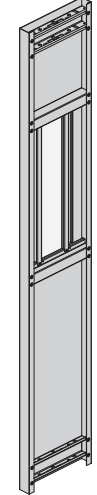
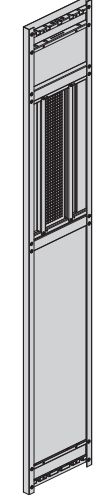
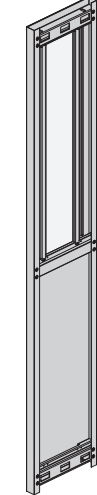
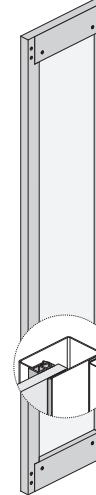
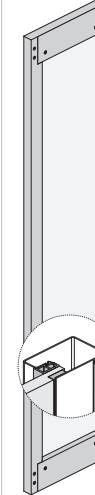
LIFT APPLICATION

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

APPLICATION RANGE

Opening	Clear opening - PL (mm)		Clear height - HL (mm)	
	Steel Panels	Glass Panels	Steel Panels	Glass Panels
C2	700 - 2.400		2.000 - 3.000	2.000 - 2.100
C4	900 - 2.800	1.200 - 1.700		
C6	1.600 - 3.000	-		
T1	600 - 1.200		2.000 - 4.000	-
T2	700 - 1.600		2.000 - 3.000	2.000 - 2.100
T3	700 - 2.000	1.000 - 1.700		

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
									
C2 - C4 - C6 T1 - T2 - T3	F.R. E120 ⁽³⁾ F.R. EI30 ⁽³⁾ F.R. EI60 ⁽³⁾ F.R. EI120 ⁽³⁾ F.R. EW30 ⁽³⁾ F.R. EW60 ⁽³⁾	F.R. E120 ⁽³⁾ F.R. EW60 ⁽³⁾	F.R. E120	x	x	F.R. E120 F.R. EW60	NO F.R. F.R. EI60 F.R. EI120 F.R. EI30	NO F.R.	NO F.R.

(2) Solid execution option.

(3) Execution with smoke seal protection available.
F.R.: Fire rated according to EN 81-58.

Anti-trapping safety device option

C2 - C4 - C6 T1 - T2 - T3	x	x	x	x	x	x	x	x	x
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☒ Available⁽¹⁾. ☐ Not available.  Ask the commercial department.

(1) Some option combinations may not be possible.

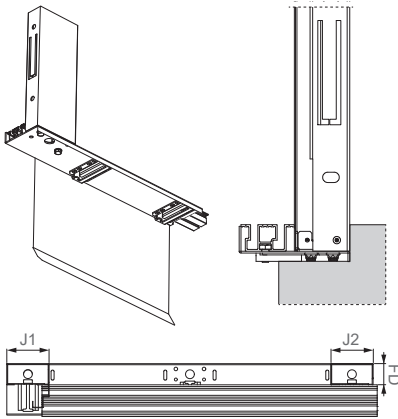
Door configuration

FRAME DEFINITION

Frame depth - FD (mm)	Jamb J1 (mm)	Header - HD (mm)	Jamb J2 (mm)	Remarks	Frame type					Options			
					STD	MSS MV	MSS MH	Concealed		Lateral covers	Without extra-stroke	MRL	Without lateral punching
25	120	210	120	-	✓	✗	✗	✗		✗	✗	✗	✗
50	70	80	70	-	✓	✗	✗	✗		✗	✗	✗	✗
60	80	80	80	-	✓	✗	✗	✗		✓	✗	✗	✓
		210		-	✓	✗	✗	✗		✓	✗	✗	✓
	120	210	120	-	✓	✗	✗	✗		✓	✗	✓	✓
	> 120 + Δ 10	> 210 + Δ 10	> 120 + Δ 10	-	✓	✗	✗	✗		✓	✗	✓	✓

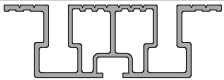
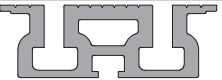
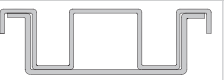
MSS MV: Frame without sill supplement with visible sill support.
 MSS MH: Frame without sill supplement with concealed sill support.
 Without extra-stroke: Closing jamb without labyrinth.
 MRL: Jamb ready for lift control cabinet in machine roomless installations.

FRAMES DETAIL

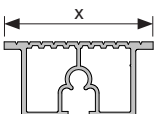
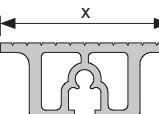
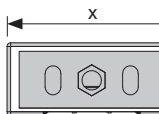
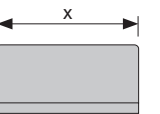
Frame detail	Frame type	
	STD	Concealed
		-
	MSS MV	MSS MH
	-	-

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

SILLS

Type of sill	Aluminium	Reinforced aluminium	Steel	Steel concealed	Massive
Profile detail					
Availability	✓	✓	✓	✓	✓
Heated sill option	✓	✓	✓	✓	✗
Debris holes	✓	✓	✓	✗	✓

SILL SUPPLEMENTS

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

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

(1)Some option combinations may not be possible.

Door configuration

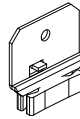
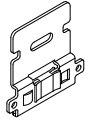
STANDARDS

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 - C6 T1 - T2 - T3	✓	✓	✓	✗	✓	✓	✓

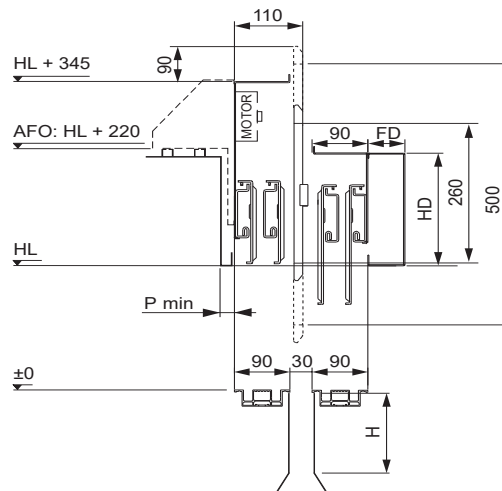
PROTECTION

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	✓	✓	✓	✗	✗	✗

PANEL REGULATION SUPPORT AND PANEL GUIDE

Type of panel regulation support	Direct fastening		
Type of panel guide	Plus	Sill track: 15 mm.	Sill track: 8 mm.
			

COMPATIBILITY



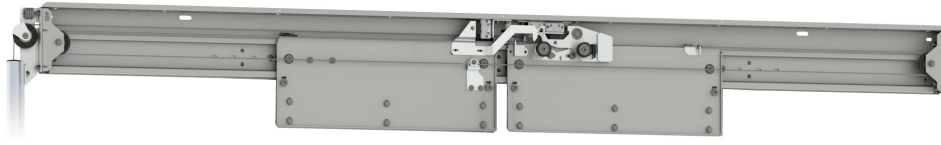
Case	Premium PM car door	
Coupling	Asymmetrical clutch	Pre-opening asymmetrical clutch
Unlocking zone	+102 / -148	+232 / -269
Toe guard type	Standard	Standard
H	265	395
Thickness	1	1
Range	All	All

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.

Technical features



C2 mechanism

GENERAL FEATURES

Noise level	50 dB (A).
Total weight	Reference: T2 PL 800 mm HL 2.000 mm 120 x 60 mm frame, with sheet metal panels - 84 kg.
Safety closing system	Counterweight.

INSTALLATION

Pre-adjusted and tested to simplify the installation.

DOOR HOISTWAY PROJECTION (DHP) - FIXING BRACKETS

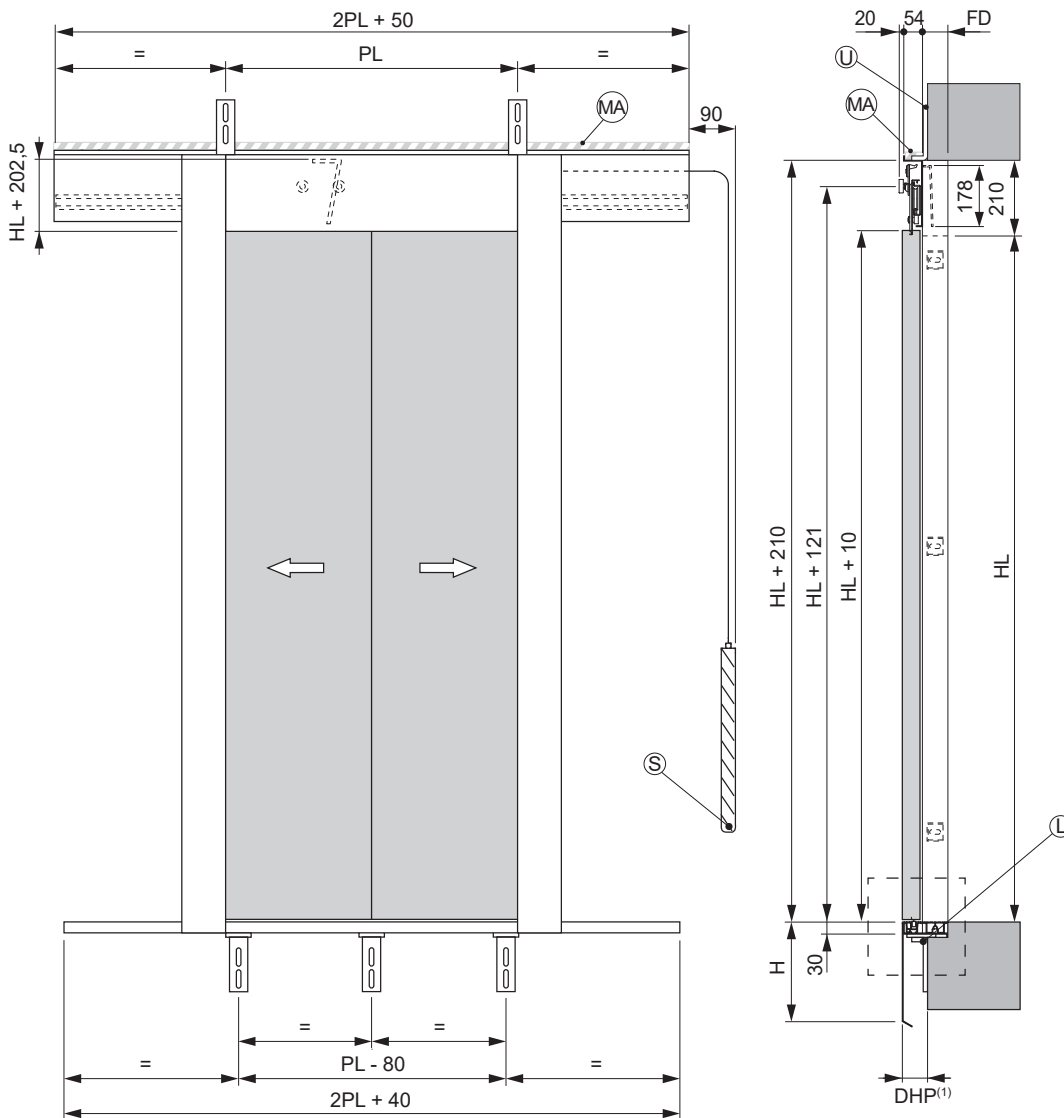
DHP type	C2			C4			C6			T1			T2			T3		
	DHP* (mm)	Bracket		DHP* (mm)	Bracket		DHP* (mm)	Bracket		DHP* (mm)	Bracket		DHP* (mm)	Bracket		DHP* (mm)	Bracket	
		U	L		U	L		U	L		U	L		U	L		U	L
1	0 - 31	X	A	0 - 37,5	X	A	0 - 32,5		D	0 - 31	X	A	0 - 38	X	A	0 - 32,5		D
2a	-	-	-	37,6 - 90		W	32,6 - 125		D	-	-	-	39 - 89		W	32,6 - 125		D
2b	32 - 93		W	91 - 140		D	126 - 175		V2	32 - 93		W	90 - 140		D	126 - 175		V2
3	94 - 124		V8	141 - 150		V2	176 - 195		V7	94 - 124		V8	141 - 150		V2	176 - 195		V7

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

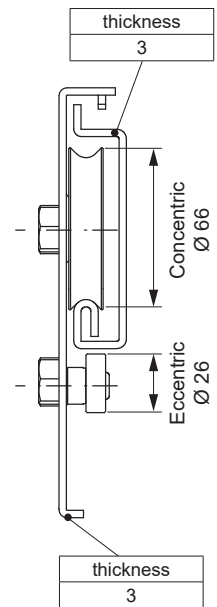
*See DHP dimension in sill detail (technical drawings pages).

Technical drawing 2 panel centre parting door

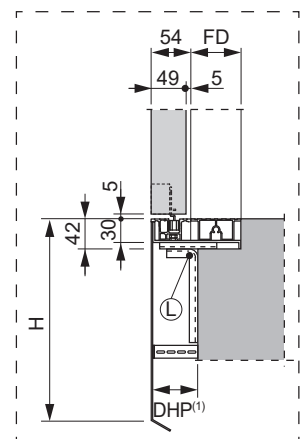
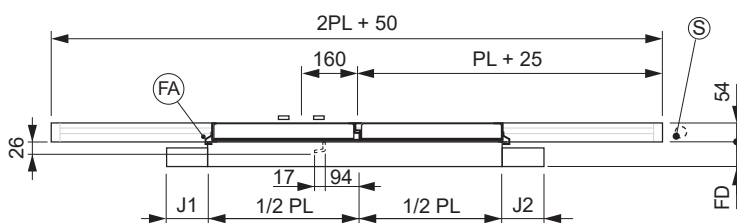
54 mm sill



MECHANICAL DETAILS



SILL DETAIL

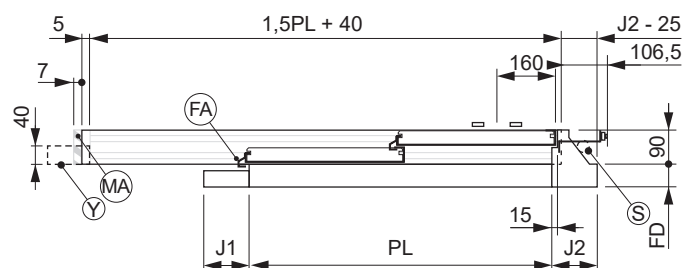


DHP	
U	Upper bracket
L	Lower bracket
Safety closing system	
S	Counterweight

Notes:

- 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 $1/2 PL + 39$.

90 mm sill



Technical drawing of a 1000mm long profile. The profile has a total length of 1000mm. It features two concentric holes with a diameter of Ø 66mm, spaced 400mm apart. There are also two eccentric holes with a diameter of Ø 26mm, spaced 100mm apart. The profile has a thickness of 3mm. The drawing includes dimension lines and labels for 'thickness', 'Concentric Ø 66', and 'Eccentric Ø 26'.

Technical drawing of a door handle assembly (DHP) showing dimensions and components. The drawing includes a side view and a top view. The side view shows the handle (L) and the door handle plate (DHP⁽¹⁾). The top view shows the handle (L) and the door handle plate (DHP⁽¹⁾) with dimensions: 90, 5, FD, 40, 40, 5, 42, 30, 5, and H.

Notes:

- 1 See DHP details in technical features page.
Y With optional steel concealed sill, this extra space is required.
- 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 $1/2 PL + 39$.



Sales contacts

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