

ELITE PM

Automatic horizontal sliding car 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)
C2 - T2	600 - 1.400	2.000 - 2.400

PANELS

Opening	Steel panels					Glass panels				
	Sheet metal	Double skin	Vision	Fritted vision	Wiro type vision	Bevel big vision	Flush big vision	Full glass in skirting	Full glass in mullions	Aluminium glass
										
C2 - T2	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗

SILLS

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

STANDARDS

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

PROTECTION

Opening	IP21 Protection against a solid foreign body of 2,5 mm or more in diameter and protection against vertically falling drops of water	IPX3 Protected against spray of water up to 60 degrees from the vertical	IP54 Protection against dust and protected against water splashed from all directions.		IP65 Total against dust and protection against jets of water from all directions	Ex Explosion proof, Group I (surface industry) and Category 2 (submersible atmosphere between 14 and 1.200 m/sq)
			Magnetic contact	Mechanical contact		
C2 - T2	✓	✗	✗	✗	✗	✗

SAFETY DEVICES

Opening	Photocell	Photoelectric barrier		Safety edge	Emergency power supply		
		Static	Dynamic		VF5+	VF6	VF7
C2 - T2	✓	✓	✗	✗	✓	✗	✓

Available;
 Not available;
 Ask the commercial department

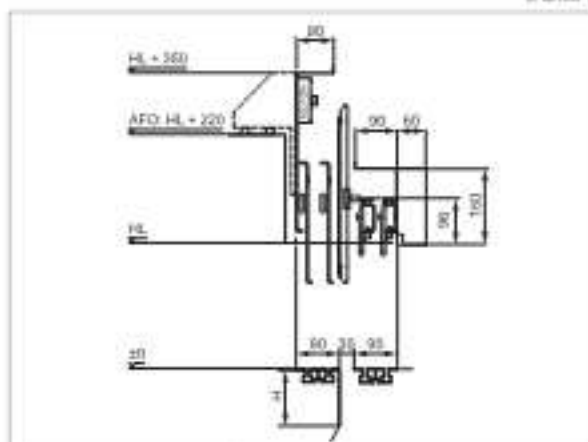
*Some option combinations may not be possible.

Door configuration

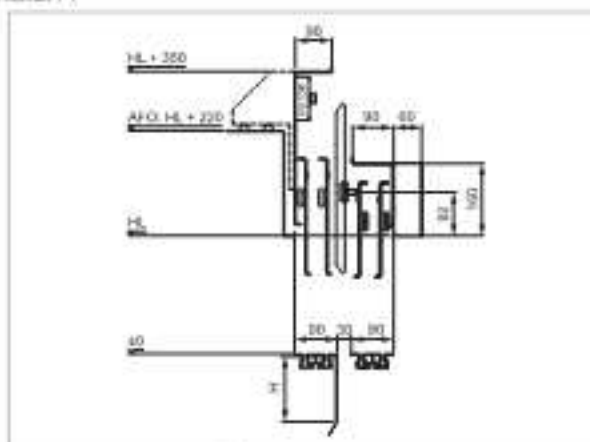
PANEL REGULATION SUPPORT AND PANEL GUIDE

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

COMPATIBILITY



Case	Compact landing door		
Coupling	Symmetrical clutch		
Unlocking zone	+180 / -180		
Toe guard type	Big	2 section	3 section
H*	750	812 (495)	798 (405)
Thickness	1,5	1,5	1,5
Range	All	All	All
*Distance toe guard dimension between structures. T2 opening shown. If not otherwise indicated all dimensions in mm.			



Case	Elite landing door		
Coupling	Symmetrical clutch		
Unlocking zone	-189 / +15†		
Toe guard type	Big	2 section	3 section
H*	750	812 (495)	798 (405)
Thickness	1,5	1,5	1,5
Range	All	All	All
*Distance toe guard dimension between structures. T2 opening shown. †If not otherwise indicated all dimensions in mm.			

CAMS

Compatibility	Semiautomatic hinged landing door: Aluminium - Glass, Global, Fermator, B+			
Type of cam	Lateral retractable	Inverted retractable	Flexible fixed	Fixed
Cam detail	-	-	-	-

Available†
 Not available
 Ask the commercial department

†Some special configurations may not be possible.

Technical features



T2 operator

DRIVE



Type	Synchronous brushless permanent magnets motor.		
Efficiency	80%.		
Consumptions	Standby 4 W / Average per cycle 20 W.		
Transmission	Gearless.	PL 600 - 1.400 mm.	HTD 5M belt.

ELECTRONIC MODULE

Type	VF5+	VF7
Adjustable parameters via	PC / Console.	PC / Display
Working signals available	From 12 V to 60 V DC / 100 to 230 AC.	
Opening speed	Up to 0,7 m/s (Regulable).	
Closing speed	Up to 0,4 m/s. Auto-adjusted directly with the panel weight.	
Re-opening	Integrated with auto-adjustable cycles.	

GENERAL FEATURES

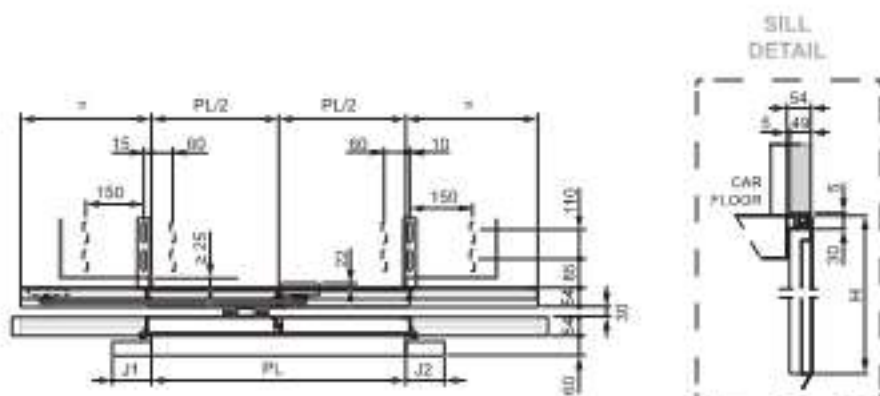
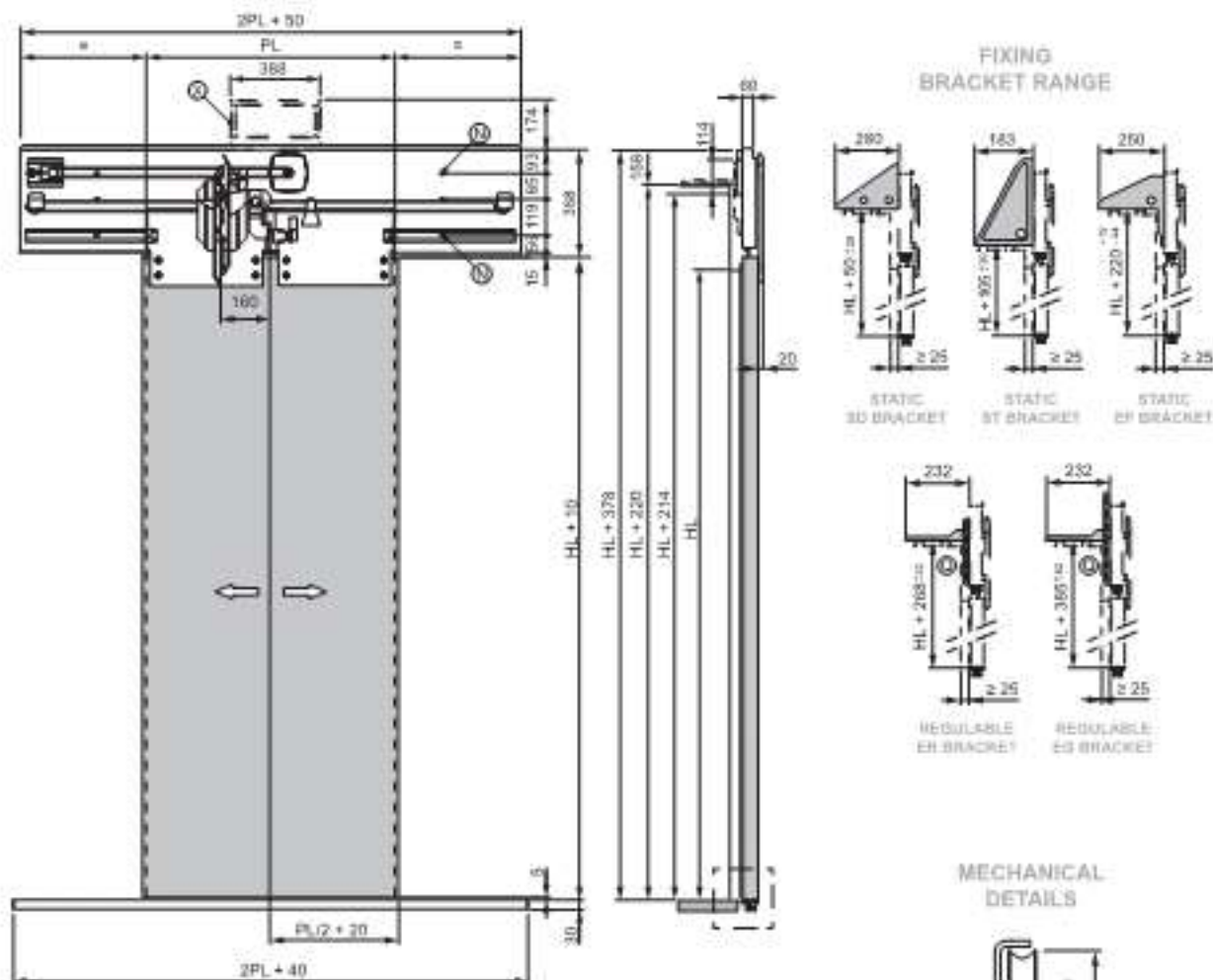
Noise level	< 50 dB.
Total weight	Reference: T2 PL 800 mm HL 2.000 mm, with sheet metal panels - 62 kg.
Maximum moving mass	360 kg.
Locking device	Car door lock.

INSTALLATION

Pre-adjusted and tested to simplify the installation.
Frontal concept: all parts within the sill projection, allows fixing directly to the front or by regulable range of brackets.

Technical drawing 2 panel centre parting door

54 mm sill

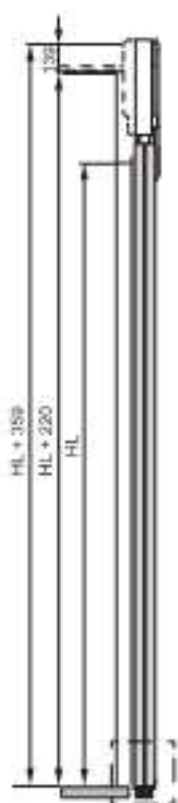
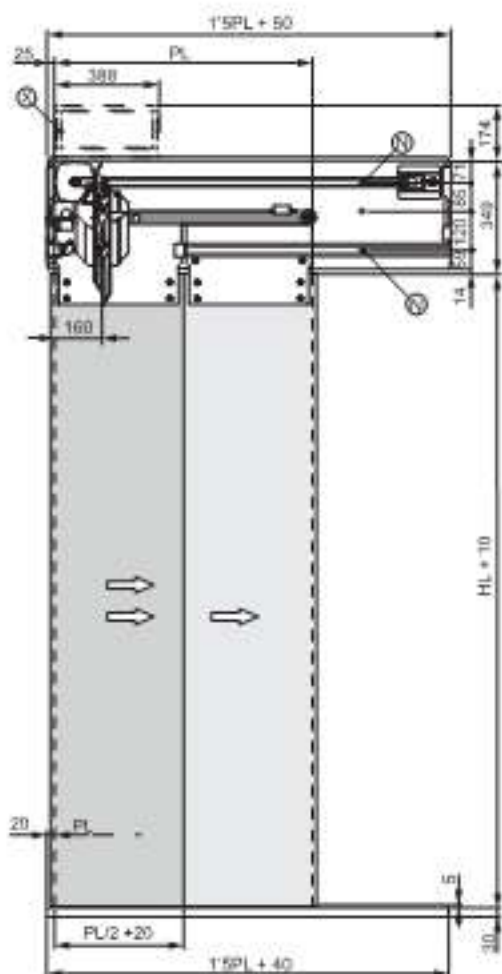


Notes:

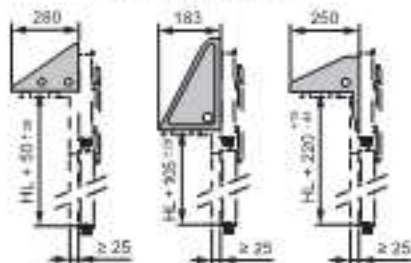
- 1) Dimensional vertical tolerances for rollers
- 2) In case of rollers wear, adjustment, recommendation for oil and anti-rust paint to the car floor
- 3) Model electric assembly system for PL + 50 mm panel width for any PL
- 4) For alternative technical specifications see

Technical drawing 2 panel side opening door

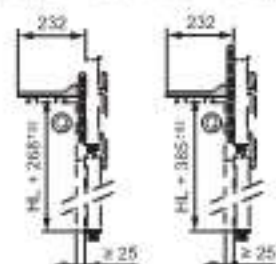
90 mm sill



FIXING BRACKET RANGE

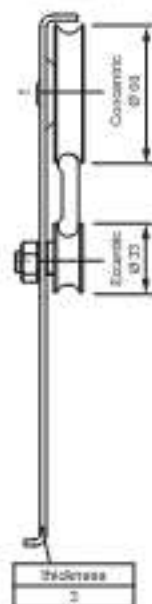


STATIC EG BRACKET STATIC ST BRACKET STATIC EF BRACKET

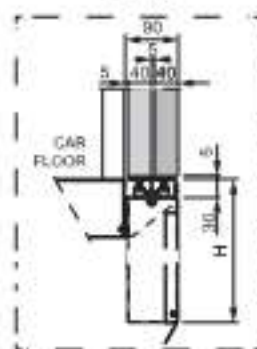


REGULABLE EG BRACKET REGULABLE EF BRACKET

MECHANICAL DETAILS



SILL DETAIL


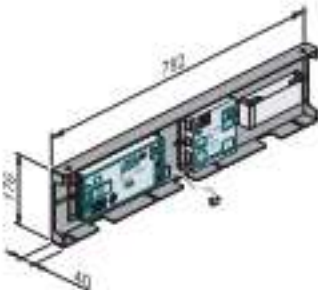
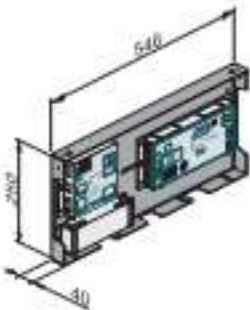


Notes:



- 1) Recommended vertical fixing point for brackets
- 2) In case of brackets with legs, the requirement to add an extra fixing point to the wall must be met
- 3) Fixing brackets assembly points for PL + 50 mm are not suitable for PL
- 4) If not otherwise indicated all dimensions in mm

Electronic module support.

TYPES OF SUPPORT*

	Only VF circuit	VF circuit with emergency power supply for PL \geq 800	VF circuit with emergency power supply for PL $<$ 800
Standard execution			
*The standard support ensures the easy access to the VF circuit controls within the PL.			

ASSEMBLY OPTIONS

	
Faced to the landing.	Faced to the car roof.
This type of support sheet K is only a example, the assembly options are available for any type of support.	



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