Fermator
AUTOMATIC DOORS FOR LIFTS

ELITE PM

Automatic horizontal sliding car door

NEW INSTALLATION

RESIDENTIAL LIFTS



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PRINTABLE VERSION: 11-12-2017
ENG

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.

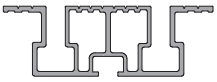
APPLICATION RANGE

Opening	Clear opening - PL (mm)	Clear height - HL (mm)
C2 - T2	600 - 1.400	2.000 - 2.400

PANELS

Opening	Steel panels					Glass panels				
	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	✓	×	×	×	×	×	×	×	×	×

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 12,5 mm or more in diameter and protected against vertically falling drops of water.	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 - T2	✓	×	×	×	×	×

SAFETY DEVICES

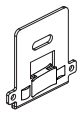
Opening	Photocell	Photoelectric barrier		Safety edge	Emergency power supply		
		Static	Dynamic		VF5+	VF6	VF7
C2 - T2	✓	✓	☎	×	✓	×	✓

✓ Available[1]. × Not available. ☎ Ask the commercial department.

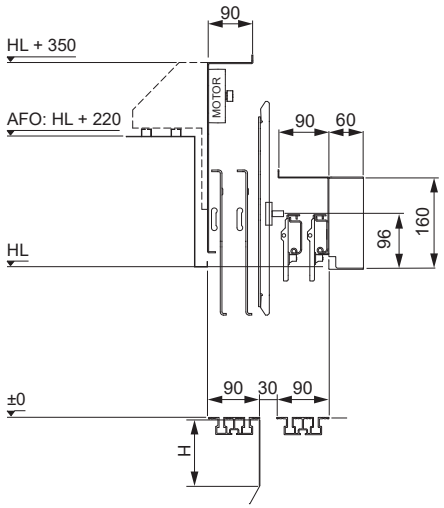
[1]Some option combinations may not be possible.

Door configuration

PANEL REGULATION SUPPORT AND PANEL GUIDE

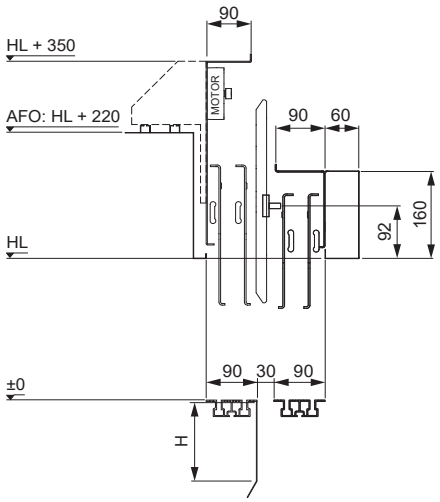
Type of panel regulation support	Direct fastening	
Type of panel guide	Plus	

COMPATIBILITY



Case	Compact landing door		
Coupling	Symmetrical clutch		
Unlocking zone	+180 / -160		
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

*Contracted toe guard dimension between brackets.
T2 opening shown.
If not otherwise indicated all dimensions in mm.



Case	Elite landing door		
Coupling	Symmetrical clutch		
Unlocking zone	-189 / +151		
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

*Contracted toe guard dimension between brackets.
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[1]. ☒ Not available. ☎ Ask the commercial department.

[1]Some option combinations 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.	Eagle 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

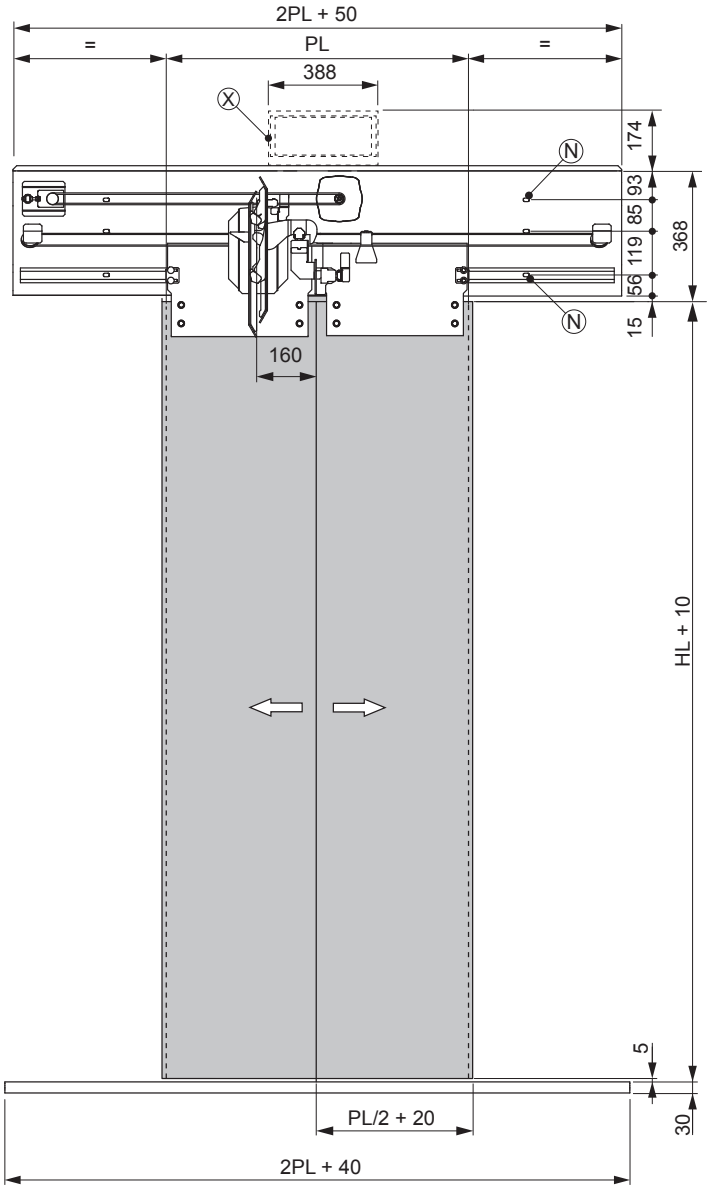
Noise level	< 50 dB.
Total weight	Reference: T2 PL 800 mm HL 2.000 mm, with sheet metal panels - 62 kg.
Maximum moving mass	360 kg.
Locking device	Car door lock.

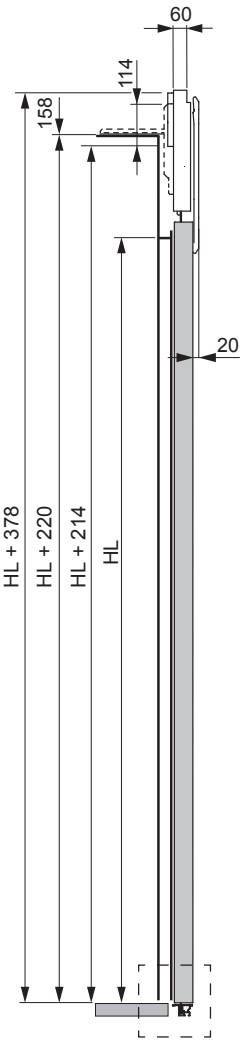
INSTALLATION

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.

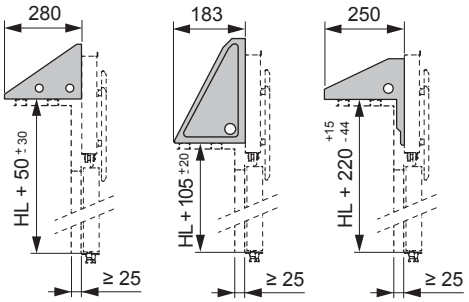
Technical drawing
2 panel centre parting door

54 mm sill





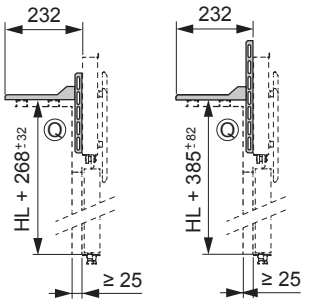
FIXING BRACKET RANGE



STATIC SD BRACKET

STATIC ST BRACKET

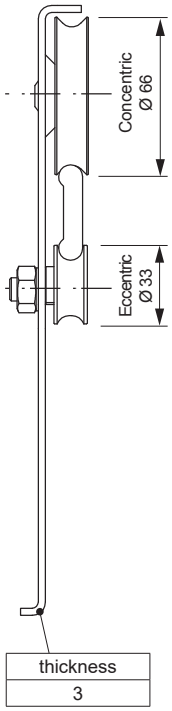
STATIC EF BRACKET

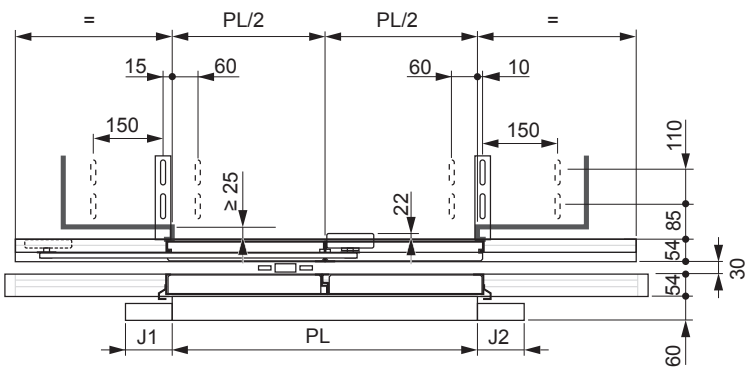


REGULABLE ER BRACKET

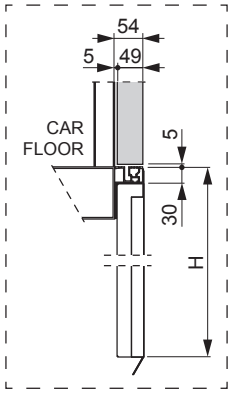
REGULABLE EG BRACKET

MECHANICAL DETAILS





SILL DETAIL

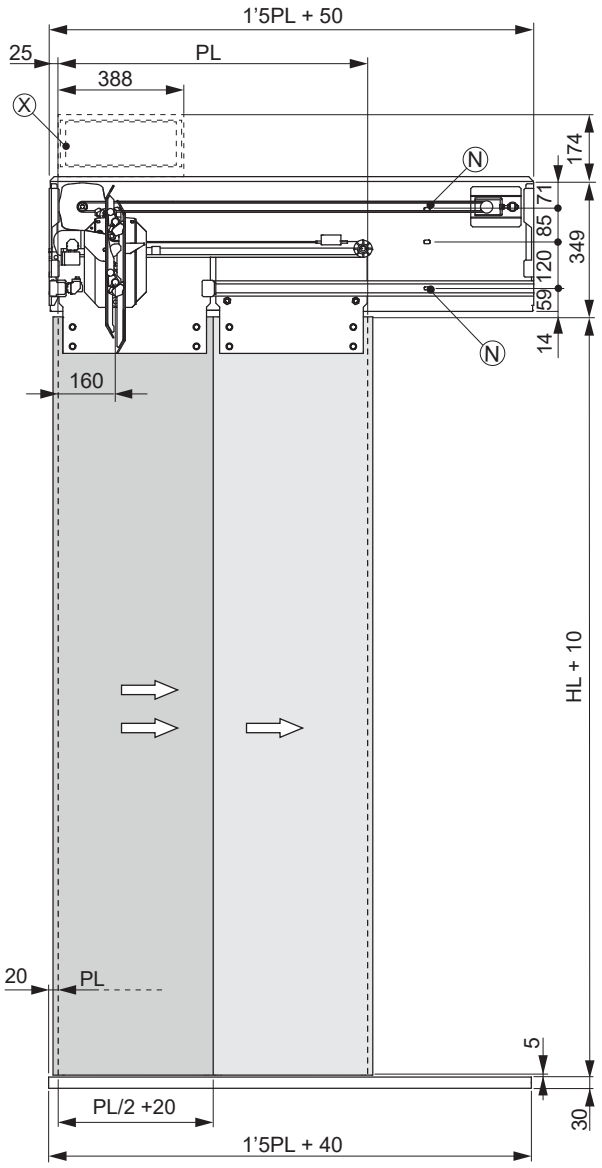


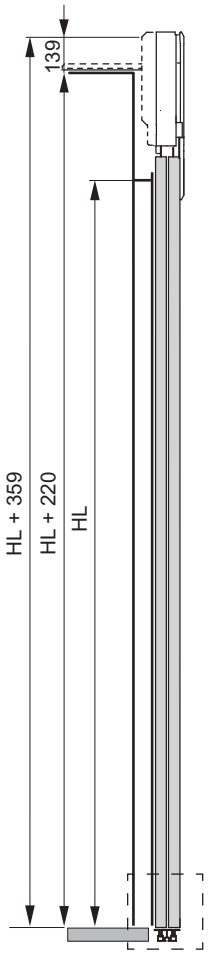
Notes:

N Recomended vertical fixing point for brackets.
Q In cases of extreme lower regulation, we recommend to add an extra fixing point to the car front.
X Module electronic assembly position for PL< 950 mm and available for any PL.
- If not otherwise indicated all dimensions in mm.

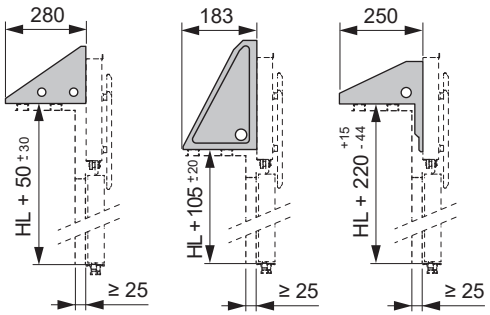
Technical drawing
2 panel side opening door

90 mm sill

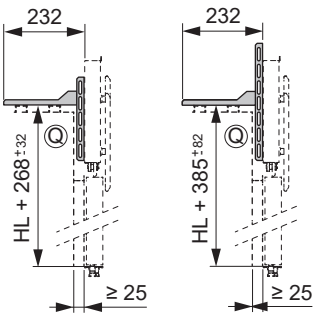




FIXING BRACKET RANGE

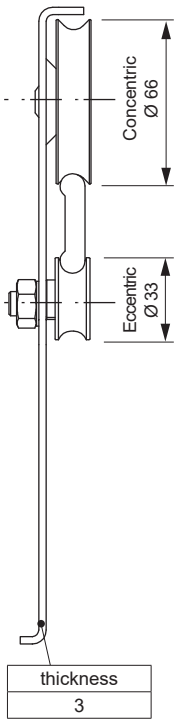


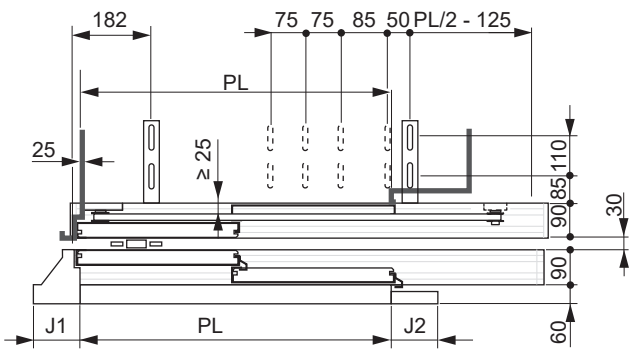
STATIC SD BRACKET | STATIC ST BRACKET | STATIC EF BRACKET



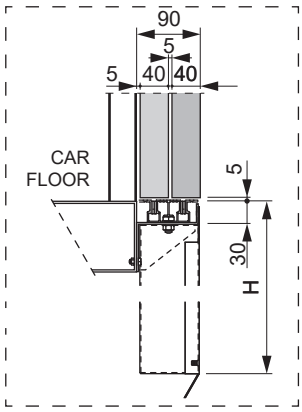
REGULABLE ER BRACKET | REGULABLE EG BRACKET

MECHANICAL DETAILS





SILL DETAIL



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