Fermator
AUTOMATIC DOORS FOR LIFTS

40/10 PM ROUND R2

Automatic horizontal sliding car door

NEW INSTALLATION

RESIDENTIAL LIFTS

COMMERCIAL LIFTS

DOC-FECMCBPT6C00EN-1.2
PRINTABLE VERSION: 25-08-2025
ENG

Door configuration

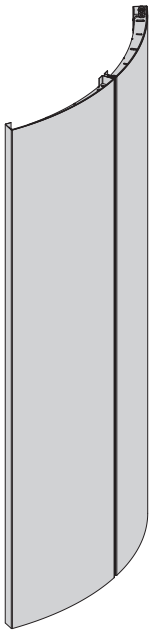
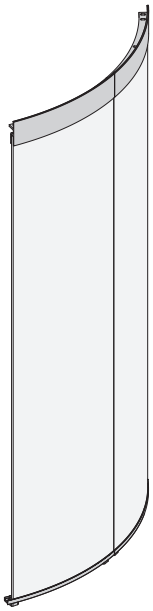
LIFT APPLICATION

Door cycles per year:	Up to 800.000.
Traffic peak of the door:	Up to 240 cycles per hour.
Traffic lift speed:	Up to 3,0 m/s.

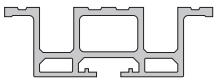
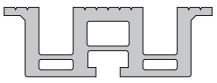
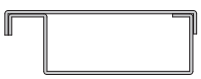
APPLICATION RANGE

Opening	Clear opening - PL (mm)	Clear height - HL (mm)	Minimum radius
C2	600 - 1.000	2.000 - 2.300	550

PANELS

	Steel panels	Glass panels
	Sheet metal	Full glass in skirting
Opening		
C2	✓	✓

SILLS

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

STANDARDS

Opening	EN 81-20/50 Safety rules	EN 81-1/2 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	✓	×	✓	×	×	×	×

☑ Available[1]. ☒ Not available. ☎ Ask the commercial department.

[1] Some option combinations may not be possible.

Door configuration

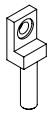
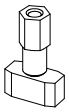
PROTECTION

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 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	✓	×	✓	×	×	×

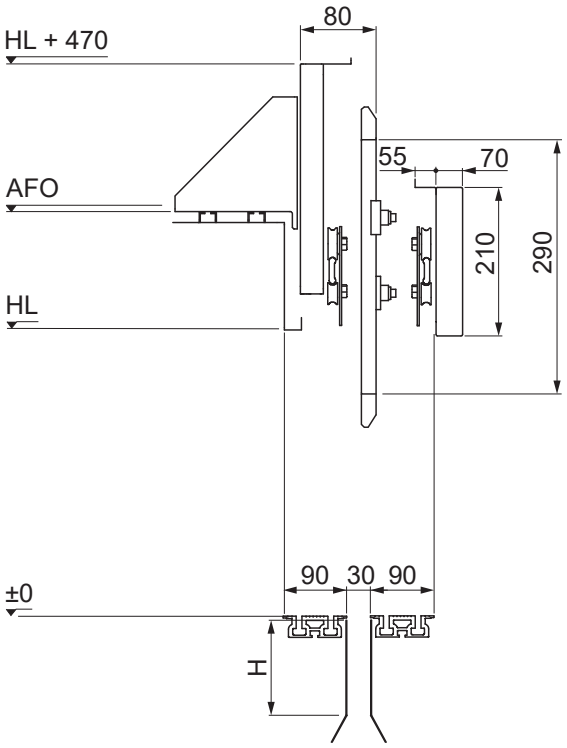
SAFETY DEVICES

Opening	Photocell	Photoelectric barrier		Safety edge	Emergency power supply			
		Static	Dynamic		VF5 +	VF6	VF7 + Relay	VF7 + CAN
C2	×	×	×	×	×	×	×	×

PANEL REGULATION SUPPORT AND PANEL GUIDE

Type of panel regulation support	Basic	
Type of panel guide	Basic	

COMPATIBILITY



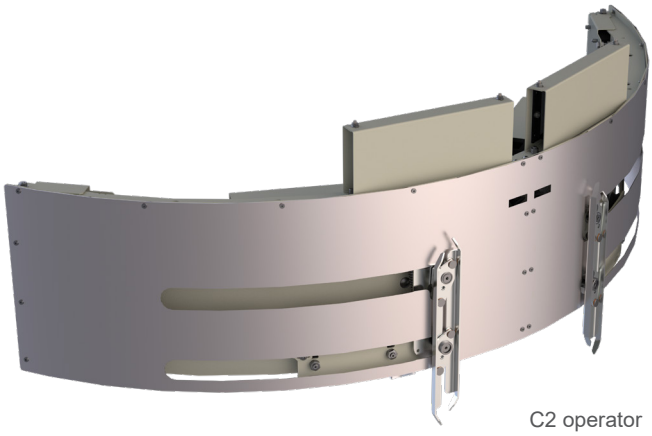
Case	40/10 Round R2 landing door
Coupling	Symmetrical clutch
Unlocking zone	+120 / -170
Toe guard type	Big
H	750
Thickness	1,5
Range	All

C2 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 operator

DRIVE

Type	Synchronous brushless permanent magnets motor.		
Efficiency	80%.		
Consumptions	Standby 4 W / Average per cycle 20 W.		
Transmission	Gearless.	PL 600 - 1.000 mm.	RPP 5M belt.

ELECTRONIC MODULE

Type	VF7+ Relay.
Adjustable parameters via	PC / Display.
Working signals available	From 12 V to 60 V DC / 100 to 230 V AC.
Opening speed	Up to 1 m/s (Regulable / Depending on the PL).
Closing speed	Up to 1 m/s (Regulable / Depending on the PL).
Re-opening	Steel air metal cord Diam. 3 mm.

GENERAL FEATURES

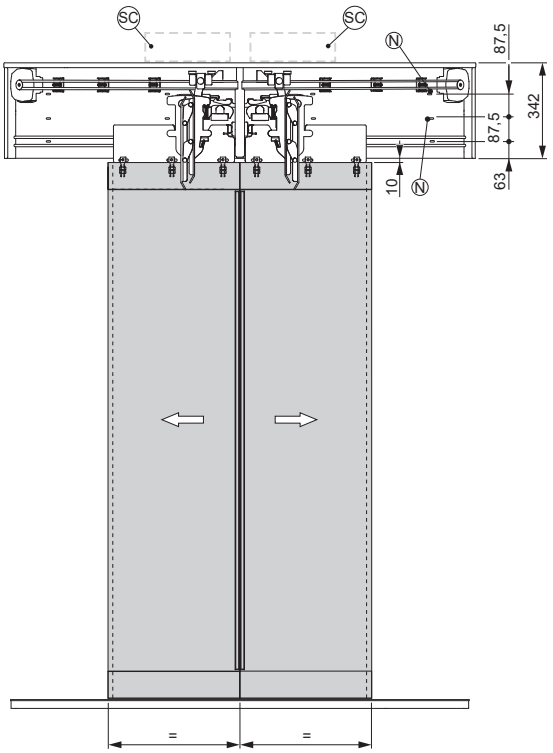
Noise level	< 50 dB.
Total weight	Reference: C2 PL 800 mm HL 2.000 mm, with sheet metal panels: - .
Maximum moving mass	360 kg.
Locking device	Car door lock.

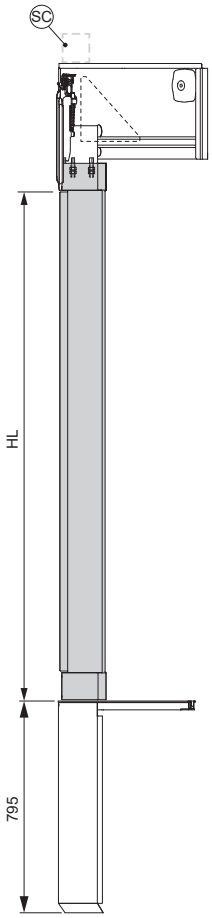
INSTALLATION

Pre-adjusted and tested to simplify the installation.

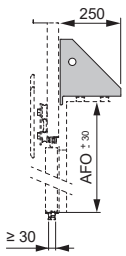
Technical drawing
2 panel centre parting door

54 mm sill

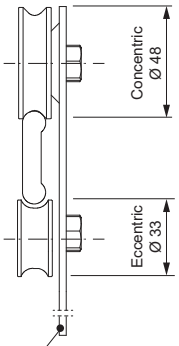




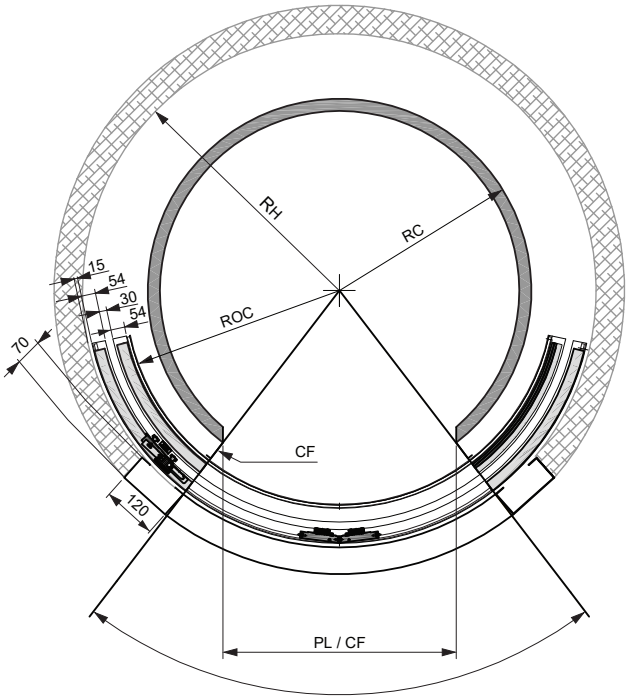
FIXING BRACKET RANGE



MECHANICAL DETAILS



thickness
4



RH	Lift shaft radius
ROC	Car operator radius
RC	Lift cabin radius
CF	Car frame
AFO	Operator fixing height

Notes:

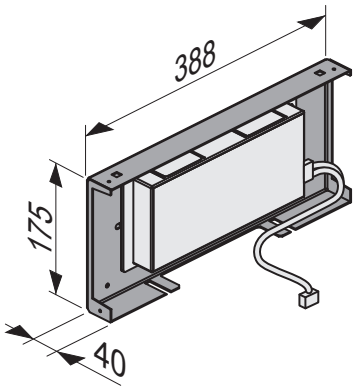
N Recomended vertical fixing point for brackets.
- If not otherwise indicated all dimensions in mm.
SC See support configuration section at the end of this technical data sheet.

Fermator

AUTOMATIC DOORS FOR LIFTS

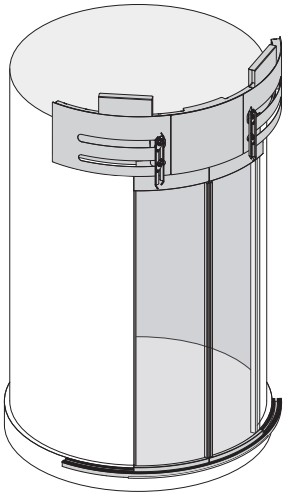
Electronic module support

TYPE OF SUPPORT *

	Only VF circuit
Standard execution	

* The external support ensures the easy access to the VF circuit controls within the PL.

ASSEMBLY OPTIONS



Faced to the landing.

Fermator
AUTOMATIC DOORS FOR LIFTS

Sales contacts

General
info@fermator.com

Manufacturing companies
Brazil: info.br@fermator.com • China: info.cn@fermator.com • France: info.hp@fermator.com • India: info.in@fermator.com
Italy: info.it@fermator.com • Poland: info.pl@fermator.com • Spain: info.es@fermator.com

Trading companies
France: info.ff@fermator.com • Germany: info.de@fermator.com • Middle East: info.tr@fermator.com
Nordic countries: info.se@fermator.com • United Kingdom: info.uk@fermator.com

www.fermator.com

Fermator reserves the right to make changes to the specification of the products within this catalogue without prior notice.