Fermator
AUTOMATIC DOORS FOR LIFTS

40/10 ROUND R2

Automatic horizontal sliding landing door

NEW INSTALLATION

RESIDENTIAL LIFTS

COMMERCIAL LIFTS

DOC-FE.CM.CB.PT6R00.EN-5.4
PRINTABLE VERSION: 08-07-2025
ENG

Door configuration

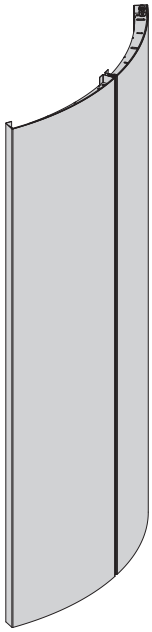
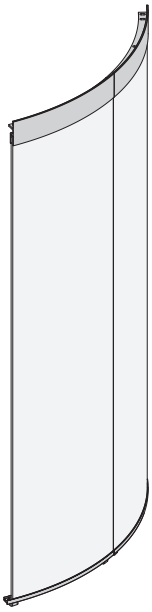
LIFT APPLICATION

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 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	✓	✓

Anti-trapping safety device option		
C2	×	×

FRAMES DEFINITION

Frame depth - FD (mm)	Jamb M1 (mm)	Header - HD (mm)	Jamb M2 (mm)	Remarks	Frame type				Options			
					STD	MSS MV	MSS MH	Concealed	Lateral covers	Without extra-stroke	MRL	Without lateral punching
70	120	210	120	-	✓	×	×	×	×	×	×	×

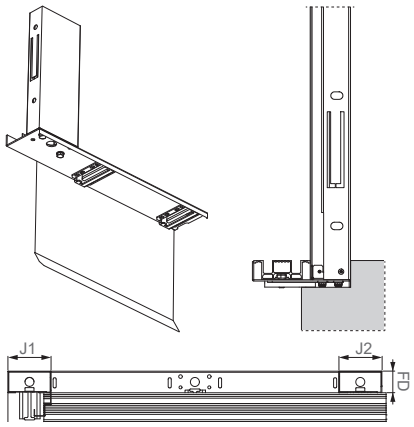
MSS MV: Frame without sill supplement with visible sill support.
MSS MH: Frame without sill supplement with concealed sill support.
Without extra-stroke: Closing jamb without labyrinth.
MRL: Jamb ready for lift control cabinet in machine roomless installations.

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

[1] Some option combinations may not be possible.

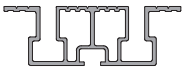
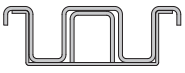
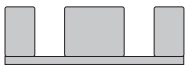
Door configuration

FRAMES DETAIL

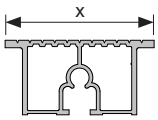
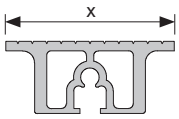
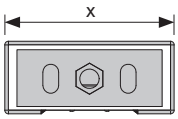
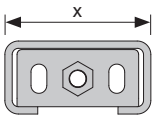
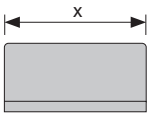
	Frame type	
	STD	Concealed
Frame detail		×
	MSS MV	MSS MH
	×	×

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	Reinforced steel	Concealed steel	Massive
Profile detail						
Availability	×	✓	×	×	×	×
Heated sill option	×	×	×	×	×	×
Dust holes	×	✓	×	×	×	×

SILL SUPPLEMENTS

Type of supplement	Aluminium	Reinforced aluminium	Steel	Reinforced steel	Massive
Profile detail	 X = 60, 25.	 X = 60.	 X = 60, 50, 25.	 X = 60, 50, 40, 25 ,20.	 X = 60.
Availability	×	×	×	×	×

STANDARDS

Opening	EN 81-20/50 Safety rules	EN 81-1/2 Safety rules	GB 7588 Safety rules	AS 1735.1 Safety rules	GOST 33984.1 - 2016 Safety rules	SS 550 Safety rules	EN 81-41 Impaired mobility
C2	✓	×	✓	✓	×	×	×

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

[1] Some option combinations may not be possible.

Door configuration

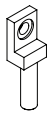
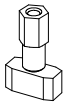
STANDARDS

Opening	EN 81-21 Existing buildings			EN 81-70 Accessibility to lifts for persons	EN 81-71 Vandal resistance lifts		EN 81-72 Firefighters lifts	EN 81-73 Behaviour of lifts
	Monostable	Monostable Sustained Actioning	Bistable		Cat. I	Cat. II		
C2	×	×	✓	×	×	×	×	×

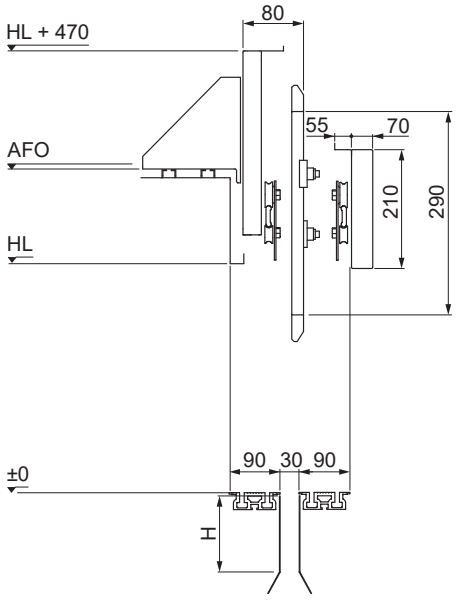
PROTECTION

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	✓	×	✓	×	×	×

PANEL REGULATION SUPPORT AND PANEL GUIDE

Type of panel regulation support	Basic	
Type of panel guide	Basic	

COMPATIBILITY



Case	40/10 PM Round R2 car door
Coupling	Symmetrical clutch
Unlocking zone	+120 / -170
Toe guard type	Standard
H	285
Thickness	1,5
Range	All

Pmin ≥ 25.
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	< 53 dB.
Total weight	Reference: C2 PL 800 mm HL 2.000 mm 120 x 70 mm frame, with sheet metal panels: - .
Safety closing system	With counterweight.

INSTALLATION

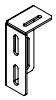
Pre-adjusted and tested to simplify the installation.

SAFETY CLOSING

Opening	PL	HL	Available System	Units
	600 - 1.000	2.000 - 2.300	Counterweight	2

DOOR HOISTWAY PROJECTION (DHP) - FIXING BRACKETS

DHP type	C2		
	DHP(8) (mm)	Bracket	
		Ⓤ	Ⓛ
1	1 - 200	V8	R

Bracket type	V8	R
		
Thickness (mm)	4	4

UPPER FASTENING BRACKET QUANTITY

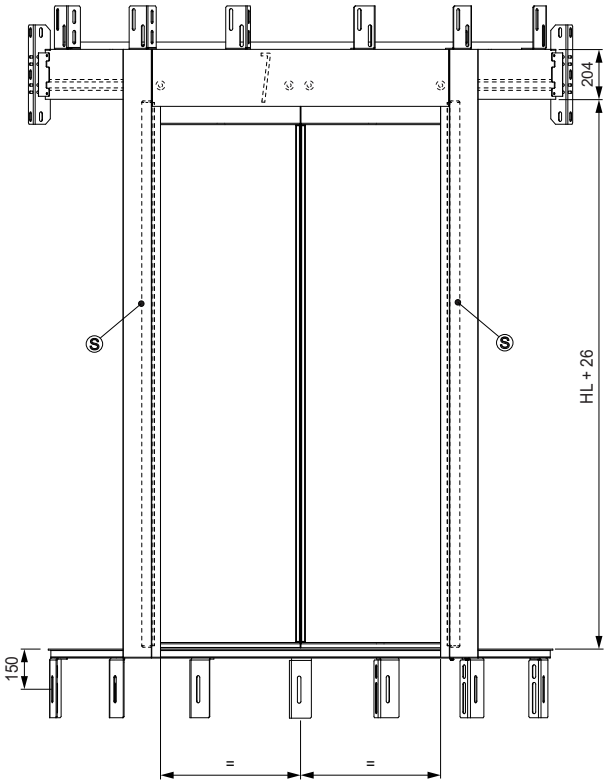
Opening	PL
	600 - 1.000
C2	6

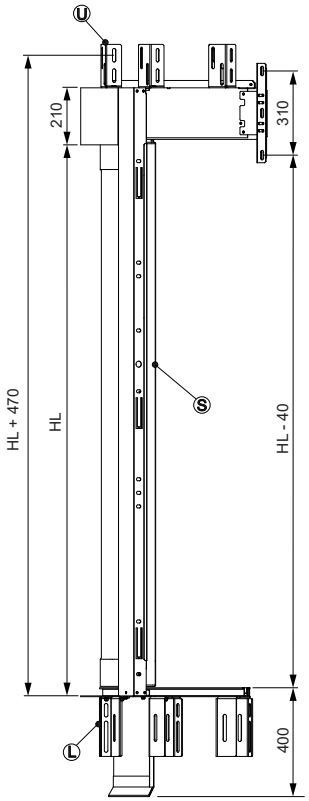
LOWER FASTENING BRACKET QUANTITY

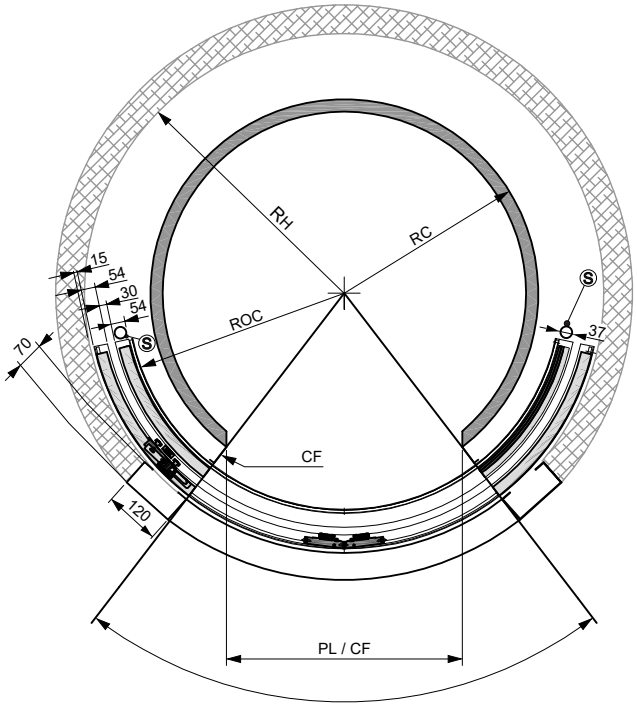
Opening	PL
	600 - 1.000
C2	7

Technical drawing
2 panel centre parting door

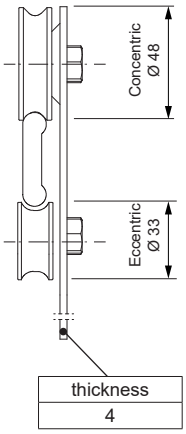
54 mm sill







MECHANICAL DETAILS



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

Notes:

- If not otherwise indicated all dimensions in mm.

U Upper bracket.
L Lower bracket.
S Safety closing system : Counterweight.

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