

ROBUSTA PM HD

Automatic horizontal sliding car door



Residential



Commercial



Service lifts



Door configuration










LIFT APPLICATION

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


APPLICATION RANGE

Opening	Clear opening - CO (mm)	Clear height - CH (mm)
C2 T1 - T2	800 - 1400	1800 - 5000

PANELS

Opening	Steel panels				Glass panels				
	Metal sheet	Double skin	Vision	Wien type vision	Bevel big vision	Flush big vision	Full glass	Full glass hidden trims	Aluminium glass
									
C2 T1 - T2	x	✓	x	x	x	x	x	x	x

SILLS

Type of sill	Reinforced aluminium sill
Profile detail	
Availability	✓
Heated sill option	✓
Dust holes	✓
Sill support	✓

STANDARDS

Opening	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 T1 - T2	x	x	x	x	x

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 1000 hrs/yr).
			Magnetic contact	Mechanical contact		
C2 T1 - T2	✓	x	x	x	x	x

SAFETY DEVICES

Opening	Photocell	Photoelectric barrier	Emergency power supply		Battery	
			VVVF5	VVVF6	VVVF5	VVVF6
C2 T1 - T2	x	✓	✓	x	x	x



Available



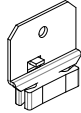
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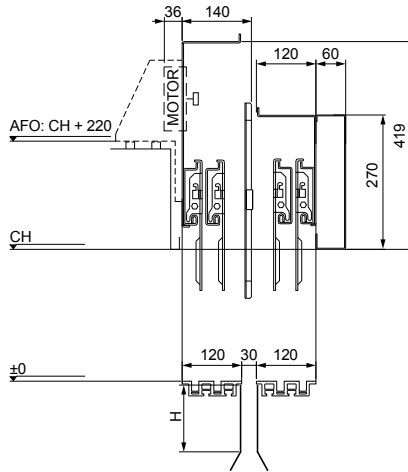
Ask to commercial department

Door configuration

PANEL REGULATION SUPPORT AND PANEL GUIDE

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

COMPATIBILITY



Case	Robusta HD Landing door
Coupling	Asymmetric skate
Unlocking zone	+164 / -160
T2 opening shown. All dimensions in mm.	

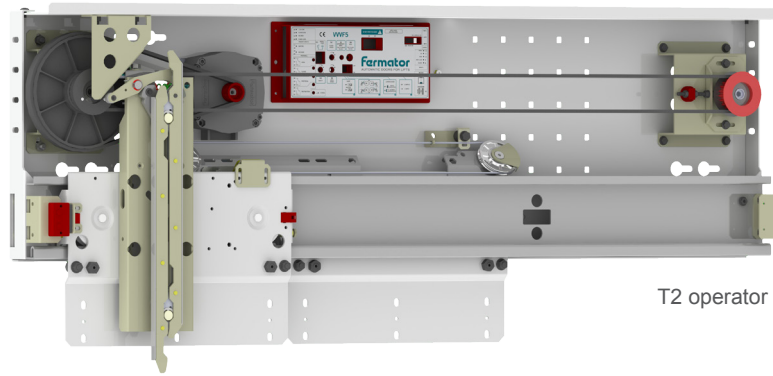
Toe guard	
Type	Big
H	750
Thickness	1.5
Range	All
All dimensions in mm.	

Available

Not available

Ask to commercial department

Technical features



T2 operator

DRIVE

Type	Synchronous brushless permanent magnets motor.
Efficiency	80 %.
Consumptions	Standby 4W / Average per cycle 50 W.
Transmission	Geared. STD8 belt.



ELECTRONIC MODULE

Type	VVVF5 and VVVF6.
Adjustable parameters via	PC / Console / Smartphone.
Working signals available	From 12 V to 240 V AC/DC or with BUS CAN.
Opening speed	Up to 1 m/s (Regulable).
Closing speed	Up to 0.4 m/s. Auto-adjustable directly with the panel weight.
Re-opening	Integrated with auto-adjustable cycles.

OTHER FEATURES

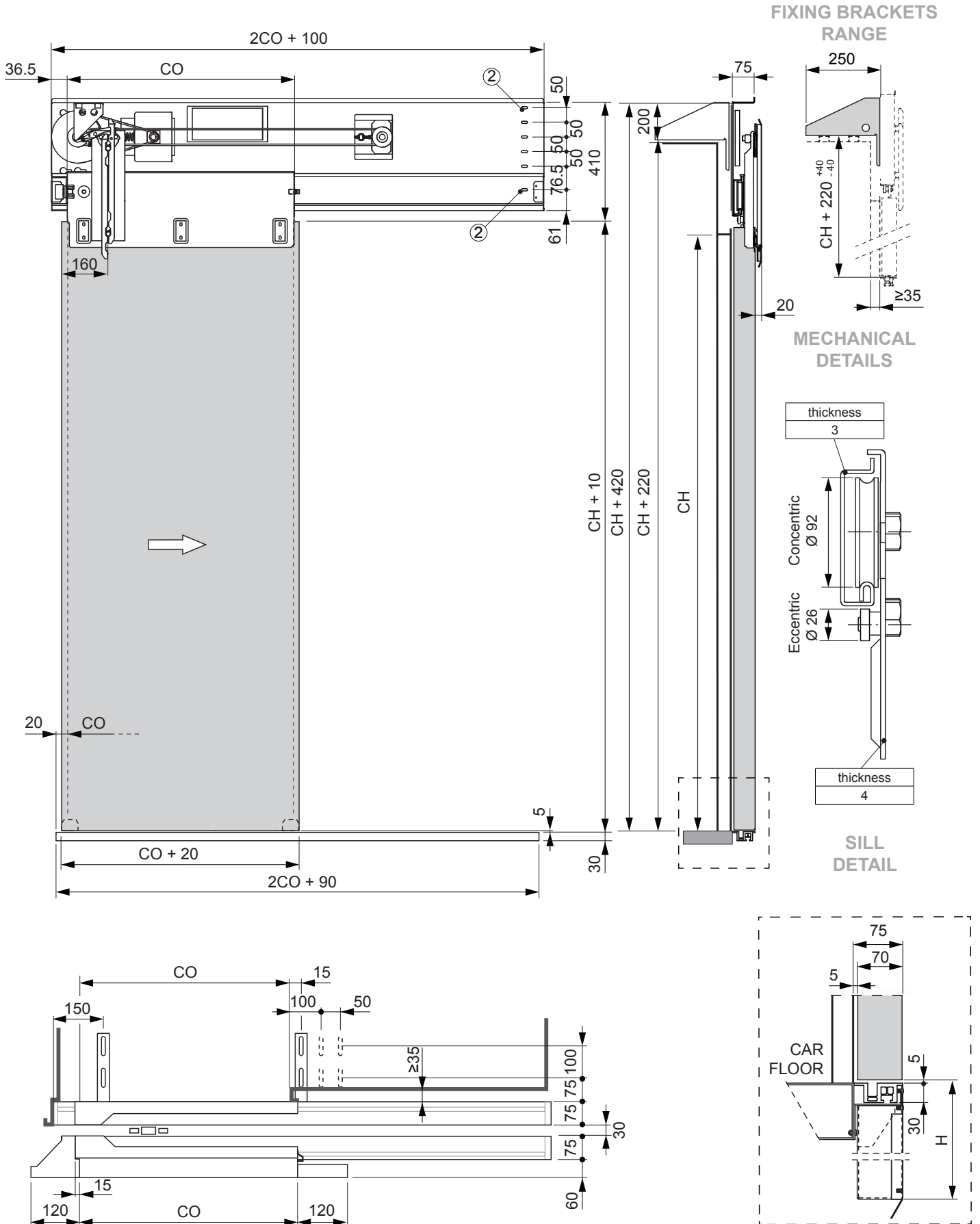
Noise level	< 51 dB.
Total weight	Reference: T2 CO 800 mm CH 2000 mm, with metal sheet panels - 113 kg.
Maximum moving mass	360 kg.
Locking device	Available car door lock type.

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 brackets.

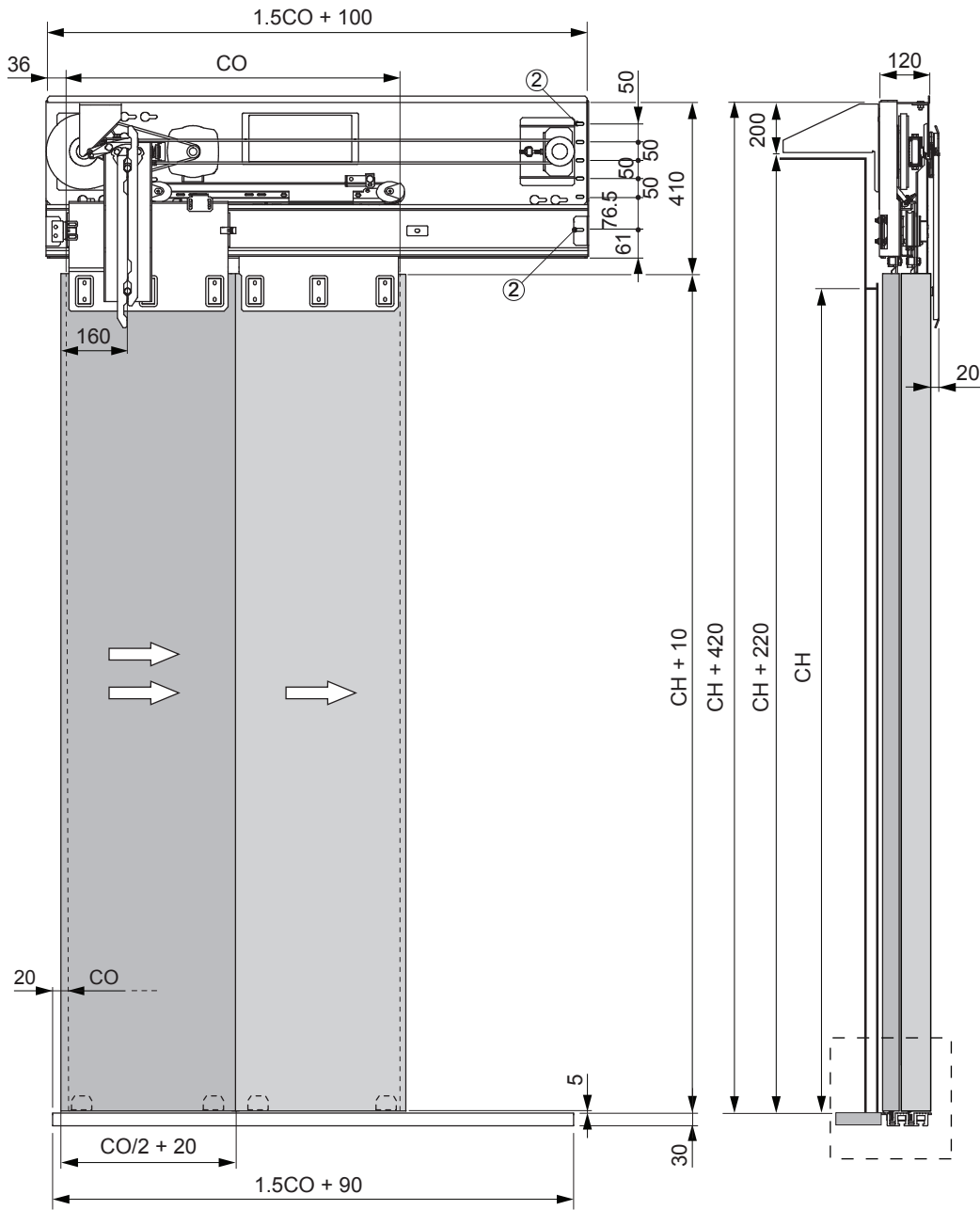
Technical drawing 1 panel side opening door

75 mm sill

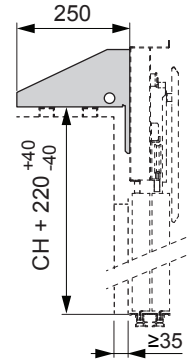


Technical drawing 2 panel side opening door

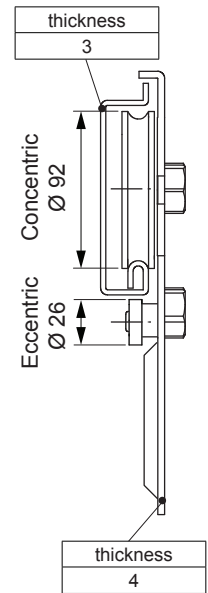
120 mm sill



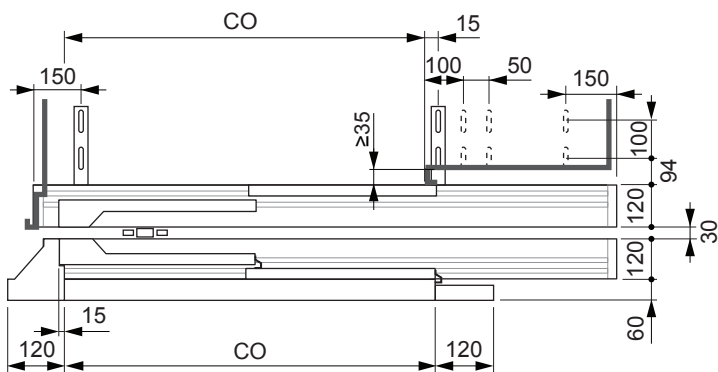
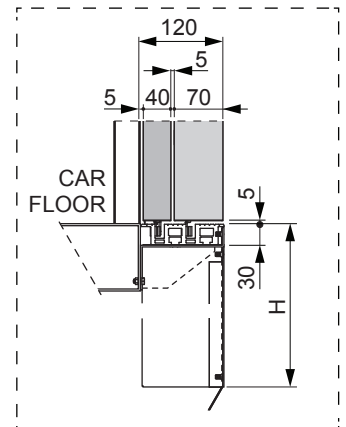
FIXING BRACKETS RANGE



MECHANICAL DETAILS



SILL DETAIL



Notes:

- 2 Recommended fixing point in vertical for each bracket.
- All dimensions in mm.



Sales contacts

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