

ROBUSTA

Automatic horizontal sliding car door



COMMERCIAL
LIFTS



Door configuration

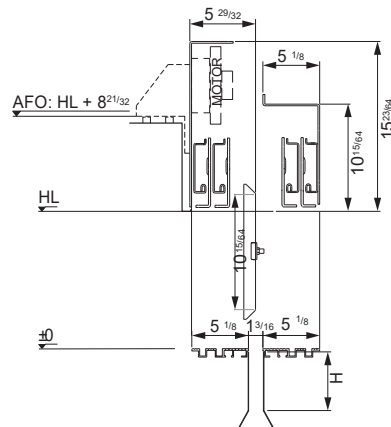
LIFT APPLICATION

Door cycles per year:	Up to 2.500.000.
Maximum cycle rate of the door:	Up to 360 cycles per hour.
Maximum lift speed:	Up to 700 ft/min.

APPLICATION RANGE

Opening	Clear opening - PL	Clear height max. - HL max.
	Inches	Feet
2SCO	36, 42, 48	9
1SSS	36, 42	
2SSS	36, 42, 48	

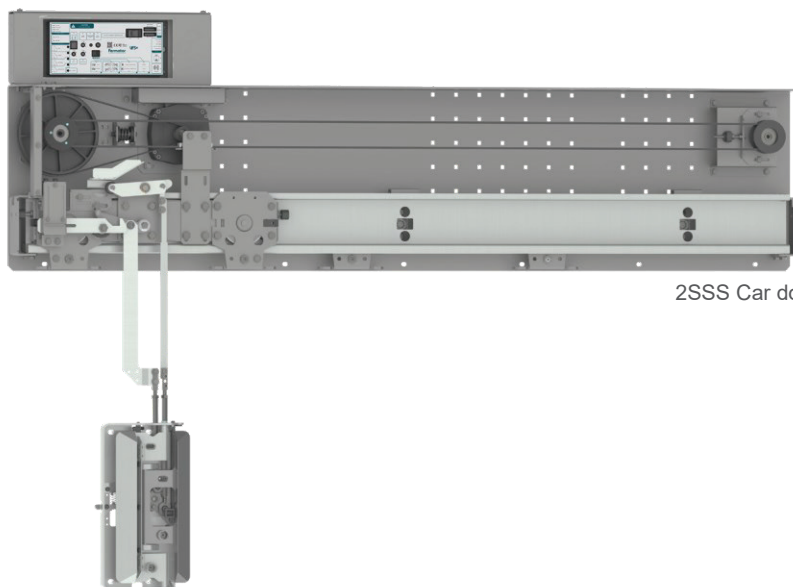
COMPATIBILITY



Case	Robusta car door
Coupling	Asymmetrical clutch
Unlocking zone	+5 1/8 / -5 1/8
Toe guard type	Standard
H	7 7/8 inches
Thickness	1/16
Range	All

T2 opening shown.

Technical features



2SSS Car door operator

DRIVE



Type	Synchronous brushless permanent magnet motor.			
Efficiency	80 %.			
Consumptions	Standby 4 W / Average per cycle 20 W.			
Transmission	Geared.	PL 24 - 72 inches.	Open belt: STD-8M	Close belt: Poly-V8J.

ELECTRONIC MODULE

Type	VF5+
Adjustable parameters via	PC / Console.
Working signals available	From 12 V to 240 V AC/DC
Opening speed	Up to 200 ft/min. (Adjustable).
Closing speed	Up to 120 ft/min. Auto-adjustable directly with the panel weight.
Re-opening	Integrated with auto-adjustable cycles.

OTHER FEATURES

Noise level	< 51 dB.
Total weight	Reference: T1 PL 42 inches - 37.5lb.
Maximum moving mass	793.7 lb.

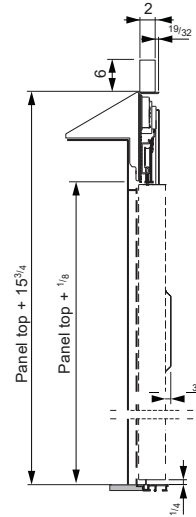
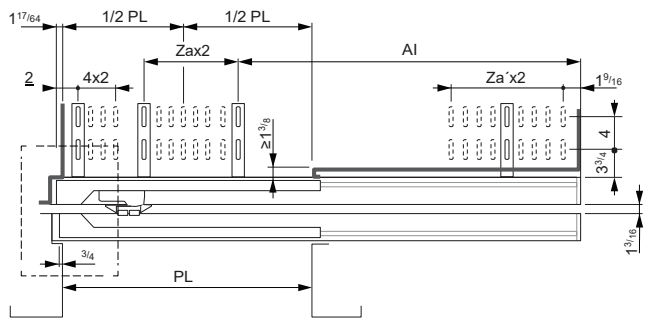
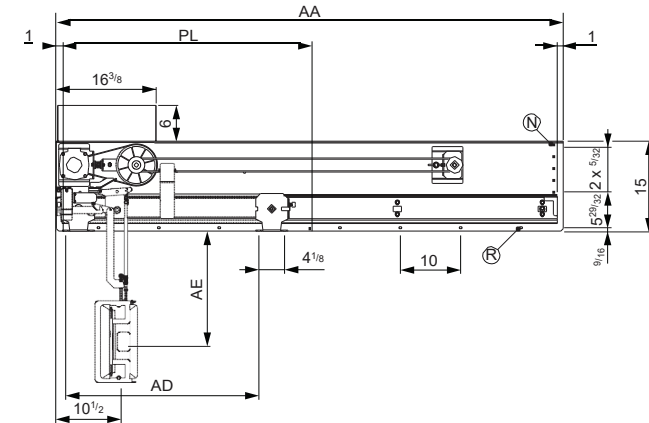
INSTALLATION

Pre-adjusted and tested to simplify the installation.
Frontal concept, all parts within the sill projection plus $\frac{3}{4}$ inches, allows fixing directly to the front or by an adjustable range of brackets.

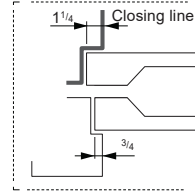
N Recommended vertical fixing point for bracket.
R Recommended positions for operator lower fixations.
AA, AB, AC, AD, AE: These dimensions are shown in tables page.
Za, Za': Position brackets. These dimensions are shown in tables page.
- If not otherwise indicated all dimensions are shown in
United States customary units.

Technical drawing 1 panel side opening door

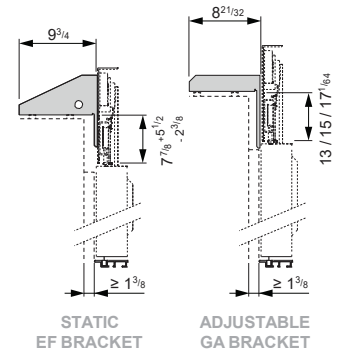
OVERALL DIMENSIONS



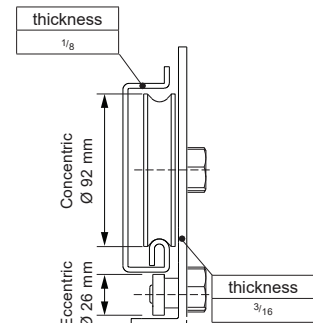
CLOSING POSITION DETAIL



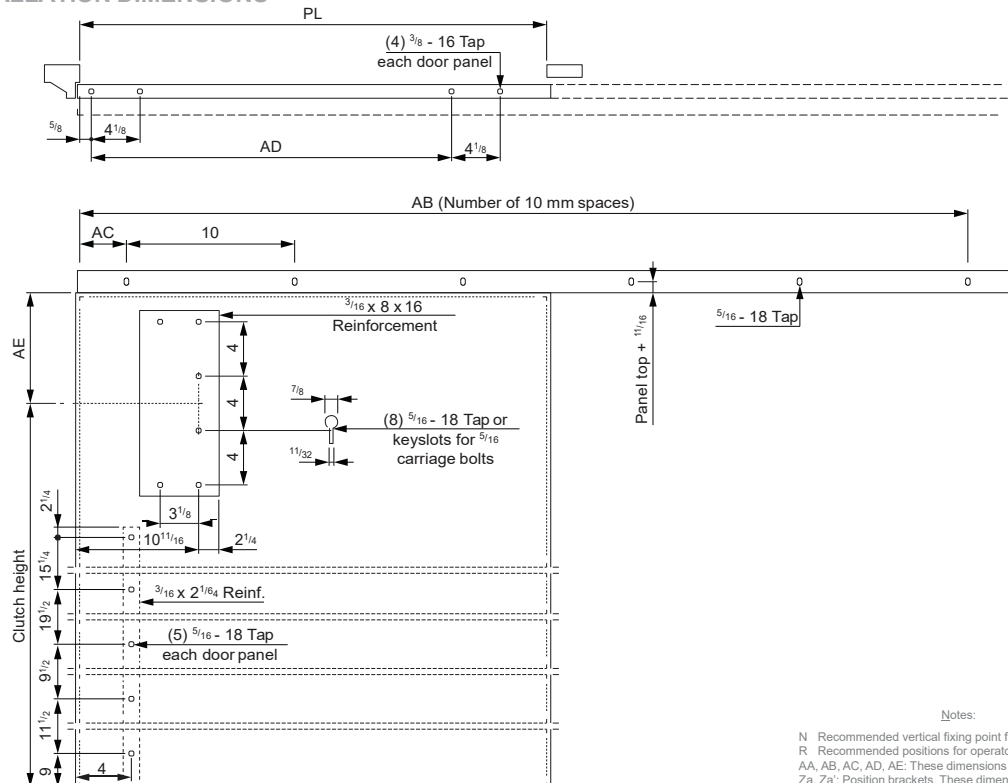
FIXING BRACKET RANGE



MECHANICAL DETAILS



INSTALLATION DIMENSIONS



Notes:

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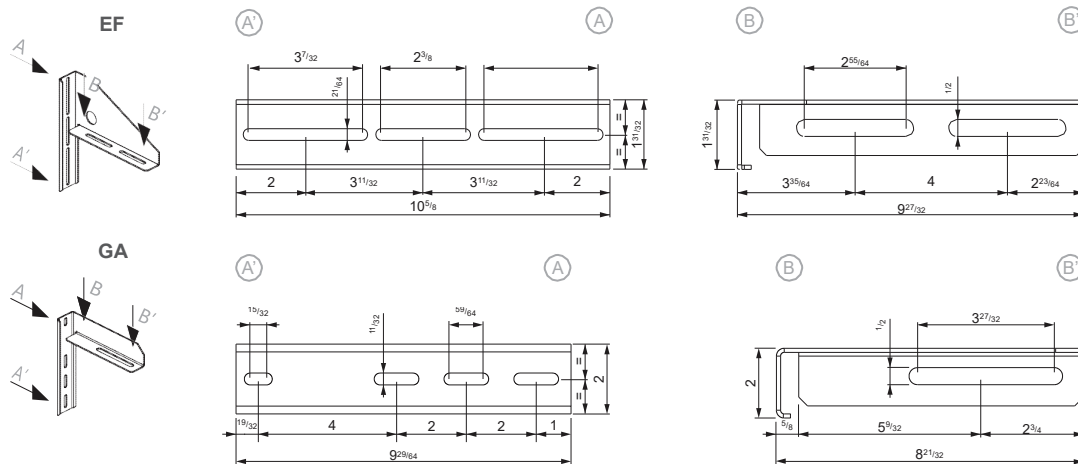
Total dimension tables

C2						
PL	AA	AB	AD	AE	Za	Za'
Inches						
36	76	3 (Fig 1)	11 1/2	11	6	11
42	88	4 (Fig 2)	14 1/2	15	9	13
48	100	4 (Fig 1)	17 1/2	15	13	17

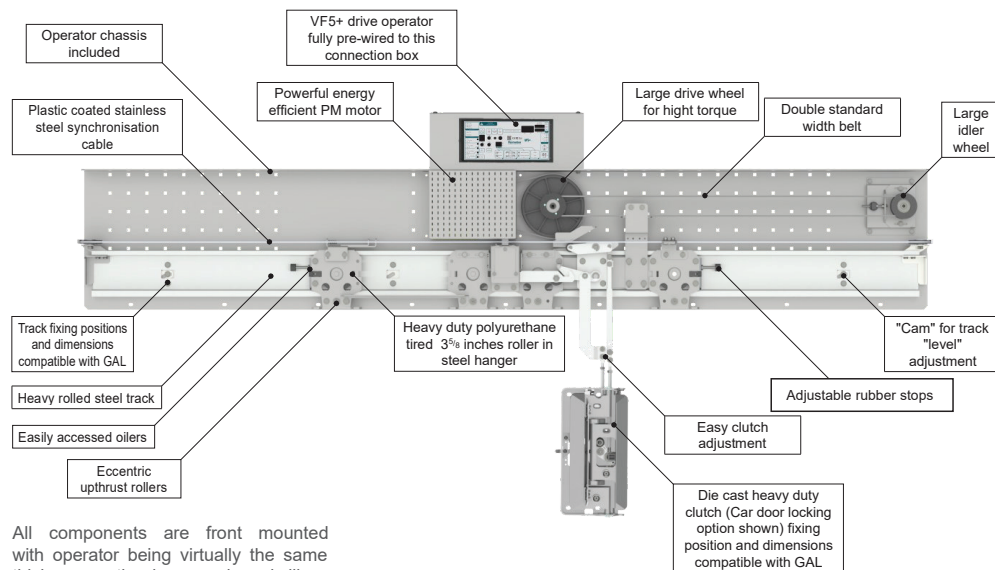
T2							
PL	AA	AB	AC	AD	AE	Za	Za'
Inches							
36	54	5	2	10 1/2	15	6	3
42	64	6	2	14 1/2	19	7	3
48	72	6	6	16 1/2	23	10	3

T1							
PL	AA	AB	AC	AD	AE	Za	Za'
Inches							
36	70	6	5	26	15	10	7
42	82	7	6	32	19	14	7

Operator fixing bracket



Robusta Car door operator



All components are front mounted with operator being virtually the same thickness as the door panels and sill.

*2 panel centre opening door shown.



1028 0624

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(800) 266-8654



1302 65th Street
Emeryville, CA 94608

4301 S Valley View Blvd.
Las Vegas, NV 89103

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