

MB-18

Machine-room-less electrical gearless solutions (MRLG)

High efficiency for public buildings. Maximum durability, comfort, and reliability. The high transport capacity and dimensional flexibility solution for all types of loads.

GENERAL SPECIFICATIONS

OLIVEROID OF LOTE TOTA	110110
Load	1,650 to 2,500 kg
Capacity	22 to 33 persons
Speed	0.6 - 1 - 1.6 m/s
Maximum travel	50 - 50 - 75 m
Maximum floors served	32 floors
Entrances	1 front - 2 open through
Drive system	Direct gearless
Controller	ARCA II controller, low energy microprocessor
Door types	Automatic side-opening - Automatic central-opening
Clear door opening	From 900 to 2,500 mm (in increments of 100 mm)
Door height	2,000 mm - 2,100 - 2,200 - 2,300 mm
Car dimensions	Parametric car dimensions
Internal car height	2,100 mm - 2,200 - 2,300 - 2,400 mm
Aesthetic solutions	MB Plus
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Standard Optional

1. Drive

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Compact, quiet, gearless, energy efficient, speed regulated (VVVF) permanent magnet electric motor.

2. Solid doors

Extra robust doors with reduced sound levels inside and outside the lift and which are specially constructed for high volume passenger traffic.

Parametric / Flexible

Flexible car and door configurations ensure available shaft dimensions can be optimised (optional).

4. Accessible space bellow the pit

Adapts the lift to suit buildings which have an accessible space below the pit (optional).

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5. Robust lift car

Provides greater comfort during lift travel, with reduced vibration and noise.

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Cars

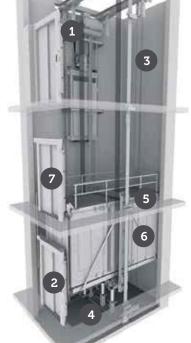
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Reinforced wall panels and flooring provides durability for heavy duty usage. Flexible configurations offering optimum car and door dimensions.

Automatic rescue system

With floor level indication to ensure fast, efficient and safe evacuation of passengers in the event of an emergency. As an option, the system can incorporate a fully-automatic rescue device to evacuate passengers in the event of a power failure.



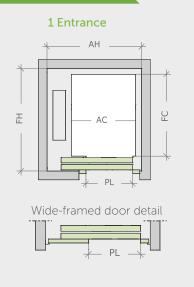


STANDARD DIMENSIONS

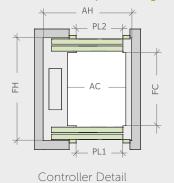
	Load/Ca	pacity			Car			Lift shaft *									
Speed	E Accessibility	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Type	No. of entrances	AH¹ Width	FH Depth	HF ²	HUP ⁴ Last Floor					
		24	1,800 kg	2,350	1,600	1,200	СС	1 2 x 180°	3,150	1,950 2,160	-						
0.6 m/s	0.6 m/s	26	2,000 kg	2,350	1,700	1,200	СС	1 2 x 180°		2,050 2,260							
0.6 m/s	20	2,000 kg	1,500	2,700	1,300	TT	2 x 180°	2,300	3,050 3,260	1,450	3,625						
	33	2,500 kg	1,800	2,700	1,300	TT	1 2 x 180°	2600	3,050 3,260								
		24	1,800 kg	2,350	1,600	1,200	СС	1 ± 2 x 180° ±		1,950 2,160							
	26	2,000 kg	2,350 1,700 1,200 CC —		1 2 x 180°		2,050 2,260										
1 m/s	(iid)	20	2,000 kg	1,500	2,700	1,300	TT	1 2 x 180°		3,050 3,260	1,450	3,650					
	33	2,500 kg	1,800	2,700	1,300	TT	1 2 x 180°		3,050 3,260								
1.6 m/s	24	1,800 kg	2,350	1,600	1,200	СС	1 2 x 180°	3,150	2,050 2,260								
	26	2.000 1	2,350	1,700	1,200	СС	1 2 x 180°		2,050 2,260	1,600	3,790						
	26	2,000 kg	1,500	2,700	1,300	TT	1 2 x 180°	2,300	3,050 3,260	1,000	3,730						
	33	2,500 kg	1,800	2,700	1,300	TT	1 2 x 180°		3,050 3,260								

- 1. With 2 panel telescopic doors.
- 2. With PVC flooring. Marble floor option + 20 mm.
- 3. HUP minimum for internal car height (HC) 2,100 mm.
- CC. Two panel central door.
- TT. Two panel telescopic door.
- * Minimum plumb measurements.

LAYOUT



2 Entrances (open through)





Controller at the top floor: 277 x 152 mm Flexible location optional

CUSTOMISED CAR DIMENSIONS

													33	2,900																	
												33	31	2,800																	
												33		2,700																	
											33	31	29	2,600																	
										33	31	30	27	2,500																	
									33	32	31	28	26	2,400																	
								33	32	30	29	27	24	2,300																	
							33	32	31	29	27	25	23	2,200																	
						33	32	31	29	27	25	24	22	2,100																	
					33	32	30	29	27	25	24	23	22	2,000																	
				33	31	30	29	27	25	24	23	22		1,900																	
		33	33	31	30	28	27	25	24	22	22			1,800																	
	33	31	30	29	28	26	25	23	22	22				1,700																	
32	31	29	28	27	25	24	23	22	22					1,600																	
30	28	26	26	24	23	22	22							1,500																	
27	26	25	24	22	22	22								1,400																	
000,	2,900	2,800	2,700	2,600	2,500	2,400	2,300	2,200	2,100	2,000	1,900	1,800	1,700	AC	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600	1,700	1,800	1,900	2,000	2,100	2,200	2,300	2,400	2,50
FC																															PL

 $Note: Car\ width\ and\ depth\ variable\ in\ increments\ of\ 5\ mm..\ For\ simplification,\ table\ samples\ show\ increments\ of\ 100\ mm.$

