

MB-16

Machine-room-less electrical gearless solutions (MRLG)

High efficiency for public buildings.




Maximum reliability.




The solution with maximum robustness and comfort for the most demanding environments and specifications.



GENERAL SPECIFICATIONS



Load	630 to 1,600 kg
Capacity	8 to 21 persons
Speed	1 - 1.6 m/s
Maximum travel	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 800 to 1,600 mm (in 100 mm increments)
Door height	2,000 - 2,100 - 2,200 - 2,300 mm
Car dimensions	Parametric car dimensions
Internal car height	2,100 - 2,200 - 2,300 - 2,400 mm
Aesthetic solutions	MBR1 - MBR2 - MBR3 - MBR4 - MBS1 - MBS2 - MBS3 - MB Plus


Standard Optional



1 Drive   
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.



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

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

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

6 Traction ropes  
Orona small diameter ropes replace traditional steel ropes. As a result of their lighter weight, longer lifespan and greater flexibility, it is possible to use a more compact, efficient and eco-friendly gearless machine.

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

8 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.

