

Urban
Transport



1435mm

Rail Gauge

2068

Passengers
for 6 car trainset

750V DC

Third Rail Collection system

- Automatic Train Operation (ATO/ATP) with CBTC based train Control
- 750 V DC Third Rail Current Collection

Train Formation	DMC-TC-MC-MC-TC-DMC - 6 Car Train set
Rail Gauge	1435 mm
Operating Speed	85 kmph , Design speed 95 kmph
Passenger capacity	2068 Passengers for 6 Car trainset.
Current Collection	750 V DC Third Rail Current Collection
Carbody	Stainless Steel
Bogies	Two axle Bolsterless type bogie with primary helical coil spring and secondary air suspension with wheel mounted Disk brakes.
Propulsion System	3 phase propulsion system with Squirrel Cage type Induction motor Variable Voltage and Variable frequency(VVVF) control with regenerative braking.
Brake System	Regenerative Braking blended with pneumatic braking
Air-conditioning	Roof mounted Heating Ventilation and Air-conditioning system (HVAC)
Door System	Electrically Driven Externally Sliding Type
PA/PIS & CCTV System	Automatic Passenger announcement system , Digital Route map on each door, Passenger saloon surveillance system
Saloon Lighting	LED based lighting system with Intelligent Light Control (ILC) resulting in energy saving.
Interiors	Interiors with FRP panels, SS seats, floating floor with PVC floor covering

Customer

- Kolkata Metro Rail Corporation

Basic Dimensions (in mm)

Car Type	Overall Length	Width	Height
DMC	21050	2880	3848
TC	20800	2880	3848
MC	20800	2880	3848

ATO/ATP with CBTC