

Regional & Commuter Transport

Double-Deck Coach, Type M6 Belgium



Passengers travelling long distance on the M6 double-deck coaches of the Belgian National Railways (SNCB) will appreciate the spacious interior and comfort.

Bombardier Transportation has integrated the latest innovations and proven technologies to enhance comfort of the passenger compartments. Our design of asymmetric window arrangements provides for additional spaciousness. Air-conditioning ensures adequate temperature control at all times. Passengers are provided with upcoming destinations through visual displays located at each end of the vehicle on both levels. The train personnel keep passengers informed at all times. Final destination of the train is also indicated on the exterior of the vehicle.

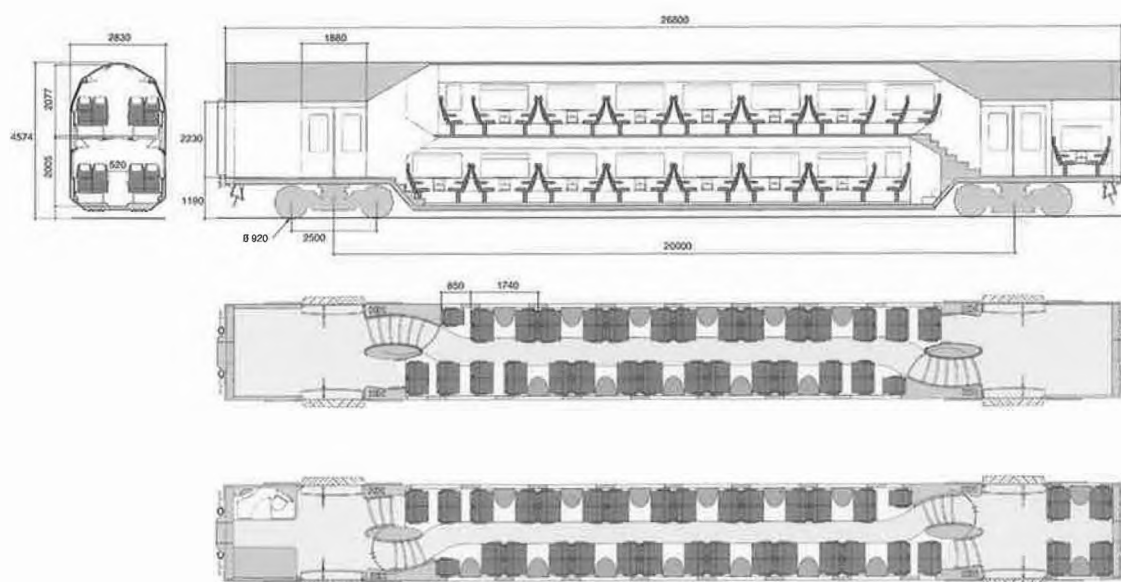
A six-car trainset comprised of one first class, four second class and one mixed car, can accommodate up to 786 seated passengers. With its extra door and adapted restroom, the mixed car is especially accessible to the disabled and the transportation of bicycles.

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NONSTOP

Double-Deck Coach, Type M6



General Data

type of vehicle	double-deck coach
length	26,800 mm
width	2,830 mm
height top of rail to roof	4,574 mm
length between axles	20,000 mm
bogie wheel base	2,500 mm
wheel diameter	920 mm
floor height above top of rail	
- platform	1,190 mm
- upper level	2,445 mm
- lower level	360 mm
height of passenger compartments	
- upper level	2,077 mm
- lower level	2,005 mm
gauge	1,435 mm
doorway width	1,880 mm
number of seats	
- first class	124 (2+2)
- second class	140 (2+2)
- mixed car	102
vehicle weight	
- first class	49.7 t
- second class	49.9 t
- mixed car	49.6 t
coupling	fixed
air-conditioning	in accordance with UIC 553
- heating power	60 kW
- cooling power	50 kW

Technical Characteristics

brakes	electro-pneumatic in accordance with UIC 540
- type	3 discs per axle
- disc brakes	640 mm
- disc diameter	on 1 bogie per car
- magnetic brake	on 1 bogie per car
- parking brake	
converter	
- electrical supply	1,500 Vac 50 Hz / 3,000 Vdc
- output	24 Vdc / 220-380 Vac 50 Hz
maximum speed	160 km/h
bogies	
- secondary suspension	air suspension
- anti-skid system	in accordance with UIC 541

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