

Technical Data Couchette Car Bvcmz 248.1 and 248.3



Entrance from platforms	350mm ... 760mm
Doors per side	2
Type of doors	slam doors (revolving folding doors)
Door control	side-selective via CAN-bus and touch-screen
Air-conditioning	air-based; cooling medium R134a
Layout of passenger area	compartments
Number of compartments	10
Seats (in day-operation)	60
Berths (in night-operation)	50
Conductor-compartments	1 (including berth and possibility to prepare tea and coffee)
Lavatories	3
Toilets	2
Type of toilet system	vacuum, Type Semlet K
Windows	fixed and sliding
Interchangeability	RIC
Top speed in passenger operation	160km/h
Bogie type	Minden-Deutz 36.3 (MD36)
Total weight	44t-46t
Wheelset-load	13t
Maximum permitted wheelset-load	20t
Length over buffers	26 400mm
Length of car-body	26 100mm
Width of car-body	2 825mm
Height of car-body above top of rail	4 050mm
Distance between bogie centres	19 000mm
Wheel-base (bogie)	2 500mm
Diameter of new wheels	950mm
Diameter of worn wheels	900mm
Smallest curve radius	150m
Brake type	pneumatic disc brake (<R> KE-GPR (D) [ep] [NBÜ])
Number of brake-cylinders per bogie	2
Energy supply	train line and static battery chargers
Battery	385Ah/24V
Lighting	fluorescent lamps
Heating power	36kW