



Mercedes-Benz



MERCEDES-BENZ 3-axle Intercity Coach

TECHNICAL SPECIFICATIONS

Passenger-carrying capacity	
3-star - space between seats:	1/1/51
4-star - space between seats:	1/1/46
Dimensions	
Length [mm]	12,140
Width [mm]	2550
Height [mm] including air conditioning	approx. 3620
Wheelbase, front axle - drive axle [mm]	6080
Wheelbase, drive axle - trailing axle [mm]	-
Tyre size	295/80 R 22.5
Front overhang [mm]	2760
Rear overhang [mm]	3300
Angle of approach [°]	7.65
Angle of departure [°]	6.9
Turning circle [mm]	~20,980
Engine & performance	
Engine (standard)	Mercedes-Benz OM 457 hLA
EU emissions standard	Euro 4/Euro 5
System	Fully electronic with individual direct injection pumps
Output [kW] max.	260
Displacement [cm ³]	11,967
Cylinders/arrangement	6/in-line, horizontal
Torque max. [Nm] at engine speed	1600 at 1100/rpm /Nm
Transmission (standard), model	Mercedes-Benz 6-speed, GO 190, servo-assisted
Engine 2 (option)	Euro 4, Euro 5
EU emissions standard	Euro 4
Output [kW] max.	300
Displacement [cm ³]	11,967
Cylinders/arrangement	6/in-line, horizontal
Torque max. [Nm] at engine speed	1900 at 1100 rpm /Nm
Transmission (option)	Mercedes-Benz 6-speed, GO 190, GO 240-8 or ZF-AS

Suspension	
Steering	ZF 8098 Servocom
Front axle, model	ZF independent suspension
Drive axle, model	Mercedes-Benz HO6
Trailing axle, model	-
Brakes	
Service brake system	Disc brakes
Retarder	x
Electropneumatic Braking System (EBS)	x
Driver assistance systems	
Anti-lock braking system (ABS)	x
Acceleration skid control (ASR)	x
Electronic Stability Program ESP®	x
Brake Assist (BAS)	x
Reversing aids	-
Weights	
Tank capacity, diesel fuel [l]	~490
Tank capacity, AdBlue additive [l]	~61
Kerb weight [kg] [1]	~13,400
Perm. GVW [kg] [2]	18,000
Front axle [kg]	7100
Drive axle [kg]	11,500
Trailing axle [kg] [3]	-
Doors	
Entry height, door 1 [mm]	2300
Entry height, door 2 [mm]	1840
Inside height, front door [mm]	2,200
Inside height, rear door [mm]	1815
Inside width, front door [mm]	770
Inside width, centre door [mm]	770 / depending on seat arrangement 590-650
Entrance height over roadway, door 1 [mm]	~350
Entrance height over roadway, door 2 [mm]	~325
Step height in front entrance, door 1 [mm]	3x170 + 2x178
Floor height driver's area over roadway [mm]	860
Floor height centre aisle over roadway [mm]	~1330
Platform height above floor level in centre aisle [mm]	150
Waist rail height above platforms [mm]	750
Step height in centre entrance, door 2 [mm]	4 x 250
Air conditioning system	
Cooling output, passenger compartment [kW]	32
Heating output, passenger compartment [kW]	38
Cooling output, cockpit [kW]	8
Heating output, cockpit [kW]	18
Boot capacity	
Luggage compartment capacity [cu. m.]	approx. 9.6
Luggage compartment capacity [cu. m.] with toilet	approx. -1.2
Luggage compartment capacity [cu. m.] with toilet & driver rest area	approx. - 1.4

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