VEHICLE TECHNICAL DOSSIER / CATEGORY M1

RAPIDCOC DEMO Cars / M1

Passenger car / Category M1

Scan to check authenticity

Vehicle identification number	SCHEMA-DEMO-NOT-A-VEHICLE

01 SYNTHETIC SCHEMA EXAMPLE

Demonstration only	Illustrative data. Not a real vehicle. Not valid for registration or issuance.

02 VEHICLE IDENTIFICATION

Manufacturer legal name	RapidCOC Demonstration Manufacturer	Manufacturer country	Illustrative EU market
Type	DEMO-TYPE	Variant	DEMO-VARIANT
Version	DEMO-VERSION	Model year	2026
Manufacture year	2026	Market specification	EU example

03 TYPE APPROVAL & COMPLETION

EU type approval	DEMO-APPROVAL-NOT-VALID	Approval date	2026-01-15
Approval extension	DEMO-01	Vehicle completion status	Complete (example)
Statutory plate location	Right-hand body pillar (example)		

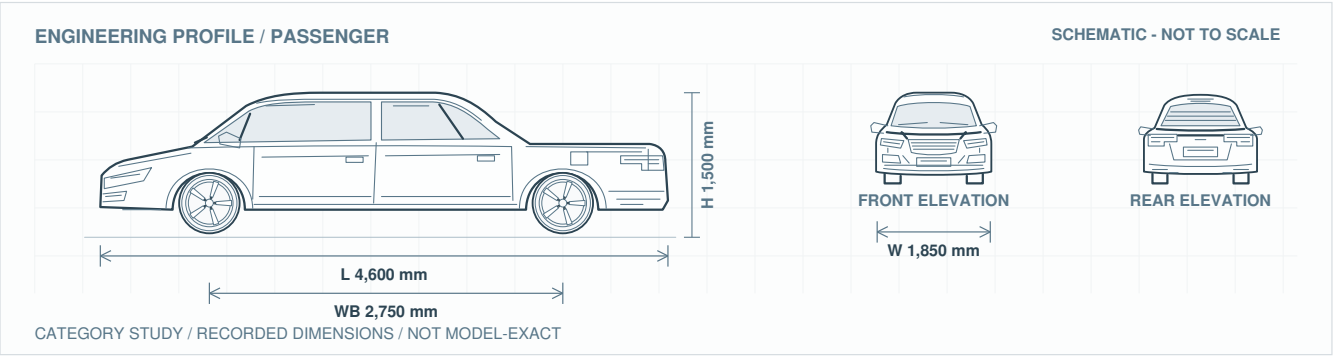
04 CONSTRUCTION STAGES

Stage	Manufacturer	Approval reference	Status
1	Demo manufacturer	DEMO-BASE	Complete

TECHNICAL DESCRIPTION / CATEGORY M1

Technical schema / M1

FIGURE 1 / CATEGORY-ADAPTED VEHICLE GEOMETRY



CATEGORY STUDY / RECORDED DIMENSIONS / NOT MODEL-EXACT

05 ENGINE & PROPULSION

Fuel/energy type	Petrol	Propulsion type	Internal combustion
Engine designation	DEMO-ENGINE	Displacement	1,998 cm³
Maximum net power	110 kW	Speed at maximum power	5500 rpm
Maximum torque	250 N·m	Working principle	Spark ignition
Cylinders	4	Cylinder configuration	In-line
Engine cycles	4	Induction technology	Turbocharged
Injection method	Direct injection	Cooling method	Liquid cooling
Engine speed at maximum torque	2000 rpm	Fuel tank capacity	55 L

06 DRIVETRAIN & PERFORMANCE

Driven wheels	Front-wheel drive	Design speed	190 km/h

07 TRANSMISSION

Gearbox type	Automatic	Number of gears	7
Final drive ratio	3.2	Reverse gears	1
Forward gear ratios	Gear: 1 | Ratio: 3.8 | Gear: 2 | Ratio: 2.3 | Gear: 3 | Ratio: 1.6 | Gear: 4 | Ratio: 1.2 | Gear: 5 | Ratio: 1 | Gear: 6 | Ratio: 0.8 | Gear: 7 | Ratio: 0.6		

08 OVERALL DIMENSIONS

Overall length	4,600 mm	Overall width	1,850 mm
Overall height	1,500 mm	Wheelbase	2,750 mm

CONTINUED TECHNICAL INFORMATION / CATEGORY M1

08 OVERALL DIMENSIONS (CONTINUED)

Front track	1,600 mm	Rear track	1,610 mm
Front overhang	900 mm	Rear overhang	950 mm
Ground clearance	150 mm	Turning circle	11.2 m
Width including mirrors	2,100 mm	Turning circle between kerbs	11.2 m
Turning circle between walls	11.6 m		

09 MASSES, AXLE RATINGS & PAYLOAD

Mass in running order	1,600 kg	Unladen mass	1,525 kg
Maximum laden mass	2,200 kg	Axle 1 mass limit	1,150 kg
Axle 2 mass limit	1,200 kg	Payload	570 kg
Actual vehicle mass	1,630 kg	Registration maximum laden mass	2,200 kg
Optional equipment mass	30 kg		

10 AXLE CONFIGURATION

Number of axles	2	Axle arrangement	4x2
Twin tyres	No		
Individual axle specifications	Axle: 1 | Position: Axle 1 | Maximum mass kg: 1150 | Tyre: 225/50 R18 99V | Rim: 7.5Jx18 ET45 | Axle: 2 | Position: Axle 2 | Maximum mass kg: 1200 | Tyre: 225/50 R18 99V | Rim: 7.5Jx18 ET45		

11 WHEELS & RIMS

Wheel count	4	Front rim	7.5Jx18 ET45
Rear rim	7.5Jx18 ET45		

12 TYRES & APPROVED CONFIGURATIONS

Homologated alternative tyres	Position: Axle 1 | Tyre: 225/50 R18 99V | Rim: 7.5Jx18 ET45 | Conditions: Synthetic example configuration only | Position: Axle 2 | Tyre: 225/50 R18 99V | Rim: 7.5Jx18 ET45 | Conditions: Synthetic example configuration only
Selected Installed Configuration	Position: Axle 1 | Tyre: 225/50 R18 99V | Rim: 7.5Jx18 ET45 | Conditions: Synthetic example configuration only | Position: Axle 2 | Tyre: 225/50 R18 99V | Rim: 7.5Jx18 ET45 | Conditions: Synthetic example configuration only

CONTINUED TECHNICAL INFORMATION / CATEGORY M1

12 TYRES & APPROVED CONFIGURATIONS (CONTINUED)

Front tyre pressure	250 kPa	Rear tyre pressure	250 kPa
Tyre pressure load condition	Normal load, cold tyres (example)	Tyre pressure monitoring	Direct TPMS (example)

13 BRAKING SYSTEMS

Service brake	Hydraulic dual circuit	Parking brake	Electric parking brake
Front brake type	Ventilated discs	Rear brake type	Discs
Anti-lock braking	Yes	Front brake disc diameter	320 mm
Rear brake disc diameter	300 mm		

14 STEERING

Steering system	Rack and pinion	Steering side	Left
Power steering	Electric power assistance		

15 SUSPENSION

Front suspension	Independent strut suspension	Rear suspension	Multi-link suspension

16 BODY CONFIGURATION

Body type	Passenger body (example)	Body colour	Grey (example)
Door count	5	Seat count	5 seats
Luggage capacity	480 l		

17 SOUND MEASUREMENTS

Stationary noise	73 dB(A)	Stationary engine speed	3000 rpm
Drive-by noise	69 dB(A)		

18 EMISSIONS & TEST PROCEDURE

Emissions standard	Euro 6 (example)	WLTP combined CO2	140 g/km
Nitrogen oxides	0.025 g/km	Carbon monoxide	0.18 g/km
Particulate mass	0.001 g/km	Emissions test procedure	WLTP (illustrative)

CONTINUED TECHNICAL INFORMATION / CATEGORY M1

18 EMISSIONS & TEST PROCEDURE (CONTINUED)

WLTP low-phase CO2	175 g/km	WLTP medium-phase CO2	132 g/km
WLTP high-phase CO2	122 g/km	WLTP extra-high-phase CO2	145 g/km
Exhaust aftertreatment	Three-way catalyst and particulate filter		

19 ENERGY CONSUMPTION

WLTP combined fuel use	6.2 L/100 km	Consumption test procedure	WLTP (illustrative)
WLTP low fuel consumption	7.8 L/100 km	WLTP medium fuel consumption	5.9 L/100 km
WLTP high fuel consumption	5.4 L/100 km	WLTP extra-high fuel consumption	6.4 L/100 km

20 SAFETY EQUIPMENT

Automatic emergency braking	Yes	Blind-spot monitoring	Yes
Emergency call system	Yes		

21 ELECTRICAL SYSTEMS

Nominal system voltage	12 V

22 COUPLING EQUIPMENT

Coupling system	50 mm ball coupling	Coupling approval mark	DEMO-COUPLING-NOT-VALID
Maximum vertical load	75 kg	Coupling D value	9.1 kN
Coupling S value	75 kg		

DOCUMENT RECORD

Issue record	Document reference	Revision
SAMPLE - NOT ISSUED	QA-SCHEMA-1-M1-ICE	01