BMW Group Mobile Tradition



## BMW R 5

Begin of the Production
Internal Designation   254
Motor Type   four-stroke two-cylinder flat-twin
Bore   68 mm     Stroke   68 mm     Displacement   494 ccm     Max Power   24 hp     Rpm (Max Power)   5500 rpm     Compression Ratio   6.7:1     Valves   ohv     Carburetion System   2 x carburettor type Amal 5/423     Engine Lubricating System   forced-feed lubrication     Oil Pump   gear pump     Power transmission   Clutch   single-plate, dry     Number of Gears   4     Shifting   foot shifting (+ auxiliary manual lever on the gear block)     Gearbox Ratios   3.6/2.28/1.7/1.3     Rear Wheel Ratio   1:3.89 (sidecar 1:4.62)     Bevel/Crownwheel   9/35 teeth (sidecar 8/37)     Electrical system   Generator   Bosch RD 45/6 2800 RS 15     Ignition System   battery ignition     Spark Plugs   Bosch W 225 T1
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Compression Ratio Valves ohv Carburetion System Engine Lubricating System Oil Pump Gear pump Clutch Number of Gears Shifting Gearbox Ratios Gearbox Ratios Rear Wheel Ratio Bevel/Crownwheel Generator Ignition System Spark Plugs  6.7:1  ohv 6.7
Valves Carburetion System Carburetion System Engine Lubricating System Oil Pump Gear pump Clutch Number of Gears Shifting Gearbox Ratios Rear Wheel Ratio Bevel/Crownwheel Generator Ignition System Generator Spark Plugs Oiv x carburettor type Amal 5/423 Engine Lubrication gear pump gear pump Clutch single-plate, dry foot shifting (+ auxiliary manual lever on the gear block) 3.6/2.28/1.7/1.3 Rear Wheel Ratio 1:3.89 (sidecar 1:4.62) Bevel/Crownwheel 9/35 teeth (sidecar 8/37) Bosch RD 45/6 2800 RS 15 Ignition System Spark Plugs Bosch W 225 T1
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Power transmission  Engine Lubricating System Oil Pump Gear pump Clutch Number of Gears Shifting Gearbox Ratios Rear Wheel Ratio Bevel/Crownwheel Generator Ignition System Spark Plugs  Engine Lubricating System forced-feed lubrication gear pump foot single-plate, dry A sundle plate on the gear block) Bear Wheel Ratio Bear Whee
Power transmission  Oil Pump Gear pump Clutch Single-plate, dry  Number of Gears 4 Shifting Gearbox Ratios Gearbox Ratios Rear Wheel Ratio Bevel/Crownwheel Generator Generator Ignition System Spark Plugs  Gear pump  foot shifting (+ auxiliary manual lever on the gear block)  1:3.89 (sidecar 1:4.62)  Bosch RD 45/6 2800 RS 15  Bosch RD 45/6 2800 RS 15  Bosch W 225 T1
Power transmission  Clutch Number of Gears 4 Shifting foot shifting (+ auxiliary manual lever on the gear block) Gearbox Ratios Rear Wheel Ratio Bevel/Crownwheel Generator Ignition System Spark Plugs  Clutch Single-plate, dry 4 Shifting Foot shifting (+ auxiliary manual lever on the gear block) 3.6/2.28/1.7/1.3 1:3.89 (sidecar 1:4.62) Bevel/Crownwheel 9/35 teeth (sidecar 8/37) Bosch RD 45/6 2800 RS 15 Battery ignition Spark Plugs Bosch W 225 T1
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Ignition System battery ignition Spark Plugs Bosch W 225 T1
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1 0
Chassis Designation 250
Frame twin-loop pressed steel frame
Front Wheel Suspension telescopic fork
Rear Wheel Suspension rigid
Wheel Rims 3 x 19
Tyres front 3.5 x 19
Tyres rear 3.5 x 19
Brakes front drum brakes Ø 200 mm
Brakes rear drum brakes Ø 200 mm
Dimensions and weights  Length 2130 mm
Width 800 mm
Height 950 mm
Wheel Base 1400 mm
Fuel Tank Capacity 15 I
Unladen Weight, Full Tank 165 kg
Load Rating 210 kg
Fuel Consumption approx. 3 I/100 km
Oil Consumption approx. 1 I/1000 km
Top Speed 140 kph
Numbers Produced 2.652