

BMW R 5

BMW Group
Mobile Tradition



The Ultimate
Riding Machine

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|---------------------------|-------------------------------|--|
| Engine | Begin of the Production | 1936 |
| | End of the Production | 1937 |
| | 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 |
| Power transmission | Oil Pump | gear pump |
| | 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 |
| 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 |
| Width | | 800 mm |
| Height | | 950 mm |
| Wheel Base | | 1400 mm |
| Fuel Tank Capacity | | 15 l |
| Unladen Weight, Full Tank | | 165 kg |
| Load Rating | | 210 kg |
| Fuel Consumption | | approx. 3 l/100 km |
| Oil Consumption | | approx. 1 l/1000 km |
| Top Speed | | 140 kph |
| Numbers Produced | | 2.652 |
| Price | | 1.550,- RM |