



## BMW R 16 series 4

<b>Engine</b>	Begin of the Production	1933
	End of the Production	1933
	Internal Designation	M 60 S 4
	Motor Type	four-stroke two-cylinder flat-twin
	Bore	83 mm
	Stroke	68 mm
	Displacement	736 ccm
	Max Power	33 hp
	Rpm (Max Power)	4500 rpm
	Compression Ratio	7:1, towards the end 6.5:1
	Valves	ohv
	Carburetion System	2 x carburettor Amal type 6/011 RH and LH
	Engine Lubricating System	forced-feed lubrication
<b>Power transmission</b>	Oil Pump	gear pump
	Clutch	double plates, dry
	Number of Gears	3
	Shifting	manual/tank shifting gate
	Gearbox Ratios	2.83/1.55/1.08
	Rear Wheel Ratio	1:4.07 (sidecar 1:4.75)
	Bevel/Crownwheel	14/57 teeth (sidecar 12/57)
<b>Electrical system</b>	Generator	Bosch magneto generator D 2 L or magneto ignition FF2
	Ignition System	magneto ignition
	Spark Plugs	Bosch W 175 T1 or Bosch 200 G 24
<b>Chassis</b>	Designation	F 66 S 4
	Frame	twin-loop pressed steel frame
	Front Wheel Suspension	plate spring, 9 laminae with damping regulation
	Rear Wheel Suspension	rigid
	Wheel Rims	26 x 3.5 safety rims
	Tyres front	26 x 3.5 low pressure or 26 x 3.25 high pressure
	Tyres rear	26 x 3.5 low pressure or 26 x 3.25 high pressure
	Brakes front	drum brake Ø 200 mm
	Brakes rear	cardan brake, width 55 mm
	<b>Dimensions and weights</b>	Length
Width		890 mm
Height		950 mm
Wheel Base		1380 mm
Fuel Tank Capacity		14 l
Unladen Weight, Full Tank		165 kg
Load Rating		210 kg
Fuel Consumption		approx. 5 l/100 km
Oil Consumption		approx. 1 - 2 l/1000 km
Top Speed		126 kph
Numbers Produced		1.006 (series 1-5)
Price		2.040,- RM