



BMW R 11 series 3

Engine	Begin of the Production	1931
	End of the Production	1932
	Internal Designation	M 56 S 3
	Motor Type	four-stroke two-cylinder flat-twin
	Bore	78 mm
	Stroke	78 mm
	Displacement	745 ccm
	Max Power	18 hp
	Rpm (Max Power)	3400 rpm
	Compression Ratio	5.5:1
	Valves	sv
	Carburetion System	1 x carburettor type Sum CK 3/500 F I
	Engine Lubricating System	forced-feed lubrication
Power transmission	Oil Pump	gear pump
	Clutch	two plates, dry
	Number of Gears	3
	Shifting	manual
	Gearbox Ratios	2.83/1.55/1.08
	Rear Wheel Ratio	1:4.07 (with sidecar 1:4.75)
	Bevel/Crownwheel	14/57 teeth (sidecar 12/57)
Electrical system	Generator	Bosch magneto generator D 2 B L or magneto ignition FF2
	Ignition System	magneto ignition
Chassis	Spark Plugs	Bosch W 175 T1
	Designation	F 66 S 3
	Frame	twin-loop pressed steel frame
	Front Wheel Suspension	plate spring, 9 laminae
	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
Dimensions and weights	Length	2100 mm
	Width	890 mm
	Height	940 mm
	Wheel Base	1380 mm
	Fuel Tank Capacity	14 l
	Unladen Weight, Full Tank	162 kg
	Load Rating	210 kg
	Fuel Consumption	approx. 4 - 4,5/100 km
	Oil Consumption	approx. 1 - 2 l/1000 km
	Top Speed	95 - 100 kph
	Numbers Produced	7.500 (series 1-5)
	Price	1.630,- RM