



BMW R 12 1-Carburettor

Engine	Begin of the Production	1935
	End of the Production	1942
	Internal Designation	M 56 S 6 or 212
	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	5.2:1
	Valves	sv
	Carburetion System	1 x Sum CK, 25 mm
	Engine Lubricating System	forced-feed lubrication
Power transmission	Oil Pump	gear pump
	Clutch	double plates, dry
	Number of Gears	4
	Shifting	manual
	Gearbox Ratios	3.18/2.06/1.42/1.09
	Rear Wheel Ratio	1:4.07 (sidecar 1:4.75)
	Bevel/Crownwheel	14/57 teeth (sidecar 12/57)
Electrical system	Generator	Bosch D 2 BRS 170
	Ignition System	magneto or battery ignition
	Spark Plugs	Bosch M 175 T1 or Bosch W 175 T1
Chassis	Designation	F 66
	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 brake Ø 200 mm
	Brakes rear	drum brake Ø 200 mm
	Dimensions and weights	Length
Width		900 mm
Height		940 mm
Wheel Base		1380 mm
Fuel Tank Capacity		14 l
Unladen Weight, Full Tank		approx. 185 kg
Load Rating		300 kg
Fuel Consumption		approx. 3,5 - 4 l/100 km
Oil Consumption		approx. 1 - 2 l/1000 km
Top Speed		110 kph
Numbers Produced		36.000 (single- and double-carburettor versions)
Price		1.630,- RM