

BMW R 47

BMW Group
Mobile Tradition



The Ultimate
Riding Machine

Engine	Begin of the Production	1927
	End of the Production	1928
	Internal Designation	M 51
	Motor Type	four-stroke two-cylinder flat-twin
	Bore	68 mm
	Stroke	68 mm
	Displacement	494 ccm
	Max Power	18 hp
	Rpm (Max Power)	4000 rpm
	Compression Ratio	5.8:1
	Valves	ohv
	Carburetion System	1 x carburettor, BMW Spezial two-valve 22 mm
	Engine Lubricating System	forced-feed lubrication
Power transmission	Oil Pump	gear pump
	Clutch	single-plate, dry
	Number of Gears	3
	Shifting	manual
	Gearbox Ratios	2.5/1.50/1.07
	Rear Wheel Ratio	1:4.38 (with sidecar 1:5.7)
	Bevel/Crownwheel	13/57 teeth (with sidecar 10/57)
Electrical system	Generator	magneto generator on request
	Ignition System	Bosch magneto ignition
	Spark Plugs	Bosch W 175
Chassis	Designation	R 47
	Frame	twin-loop steel tubular frame
	Front Wheel Suspension	plate spring, 5 laminae
	Rear Wheel Suspension	rigid
	Wheel Rims	CC 1
	Tyres front	27 x 3.5 low pressure or 26 x 3 high pressure
	Tyres rear	27 x 3.5 low pressure or 26 x 3 high pressure
	Brakes front	drum brake Ø 150 mm
	Brakes rear	external shoe brake at gearing (on cardan shaft)
	Dimensions and weights	Length
Width		800 mm
Height		950 mm
Wheel Base		1410 mm
Fuel Tank Capacity		14 l
Unladen Weight, Full Tank		130 kg (with original sidecar 192 kg)
Top Speed		110 kph
Numbers Produced		1.720
Price		1.850,- RM