

BMW R 57

BMW Group
Mobile Tradition



The Ultimate
Riding Machine

Engine	Begin of the Production	1928
	End of the Production	1930
	Internal Designation	M 56
	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 24 mm
	Engine Lubricating System	forced-feed lubrication
Power transmission	Oil Pump	gear pump
	Clutch	single-plate, dry - from engine no. 70889: two plates
	Number of Gears	3
	Shifting	manual
	Gearbox Ratios	2.83/1.55/1.08
	Rear Wheel Ratio	1:4.38 (with sidecar 1:5.7)
	Bevel/Crownwheel	13/57 teeth (sidecar 10/57)
Electrical system	Generator	Bosch magneto generator on request
	Ignition System	Bosch high-voltage magneto ignition
	Spark Plugs	Bosch W 175
Chassis	Designation	F 56
	Frame	twin-loop steel tubular frame
	Front Wheel Suspension	plate spring, 6 laminae
	Rear Wheel Suspension	rigid
	Wheel Rims	deep-bed 19 x 3 or 21 x 2.5
	Tyres front	26 x 3.5 on 19 x 3 or 27 x 2.75 on 21 x 2.5
	Tyres rear	26 x 3.5 on 19 x 3 or 27 x 2.75 on 21 x 2.5
	Brakes front	drum brake Ø 200 mm
	Brakes rear	external shoe brake at gearing (on cardan shaft)
	Dimensions and weights	Length
Width		800 mm
Height		950 mm
Wheel Base		1400 mm
Fuel Tank Capacity		12,5 l
Unladen Weight, Full Tank		150 kg
Load Rating		210 kg
Fuel Consumption		approx. 3,5 l/100 km
Oil Consumption		approx. 1 - 2 l/1000 km
Top Speed		115 kph
Numbers Produced		1.005
Price		1.850,- RM