

BMW R 3

BMW Group
Mobile Tradition



The Ultimate
Riding Machine

Engine	Begin of the Production	1936
	End of the Production	1936
	Internal Designation	203/1
	Motor Type	four-stroke single-cylinder vertical
	Bore	68 mm
	Stroke	84 mm
	Displacement	305 ccm
	Max Power	11 hp
	Rpm (Max Power)	4200 rpm
	Compression Ratio	6.0:1
	Valves	ohv
	Carburetion System	1 x register carburettor Sum type C K 3/500
	Engine Lubricating System	forced-feed lubrication
Power transmission	Oil Pump	gear pump
	Clutch	single-plate, dry
	Number of Gears	4
	Shifting	manual
	Gearbox Ratios	3.6/2.18/1.35/1
	Rear Wheel Ratio	1:5.11 (with sidecar 1:5.63)
	Bevel/Crownwheel	9/46 teeth (with sidecar 8/45 teeth)
Electrical system	Generator	Bosch 6 V/45/70 W
	Ignition System	battery ignition
	Spark Plugs	Bosch W 175 T1
Chassis	Designation	203/1
	Frame	pressed steel twin-loop frame
	Front Wheel Suspension	cantilever spring, 9 laminae with friction shock absorber
	Rear Wheel Suspension	rigid
	Wheel Rims	2.5 x 19
	Tyres front	26 x 3.5 balloon
	Tyres rear	26 x 3.5 balloon
	Brakes front	drum brake
	Brakes rear	drum brake
	Dimensions and weights	Length
Width		850 mm
Height		950 mm
Wheel Base		1320 mm
Fuel Tank Capacity		12 l
Unladen Weight, Full Tank		149 kg
Permitted Weight Limit		200 kg
Fuel Consumption		approx. 3 l/100 km
Oil Consumption		approx. 1 - 2 l/1000 km
Top Speed		100 kph
Numbers Produced		740
Price		995,- RM