

BMW R 23

BMW Group
Mobile Tradition



The Ultimate
Riding Machine

Engine	Begin of the Production	1938
	End of the Production	1940
	Internal Designation	223/1
	Motor Type	four-stroke single-cylinder vertical
	Bore	68 mm
	Stroke	68 mm
	Displacement	247 ccm
	Max Power	10 hp
	Rpm (Max Power)	5400 rpm
	Compression Ratio	6.0:1
	Valves	ohv
	Carburetion System	1 x Amal push-in carburettor M 74/435 S
	Engine Lubricating System	forced-feed lubrication
Power transmission	Oil Pump	gear pump
	Clutch	single-plate, dry
	Number of Gears	3
	Shifting	foot switching
	Gearbox Ratios	4.55/2.58/1.64
	Rear Wheel Ratio	1:4.18
	Bevel/Crownwheel	11/46 teeth
Electrical system	Generator	Bosch 6 V/75 W
	Ignition System	battery ignition
	Spark Plugs	Bosch W 175 T1 or Beru K 175 b
Chassis	Designation	220/1
	Frame	twin-loop frame, bolted
	Front Wheel Suspension	telescopic fork
	Rear Wheel Suspension	rigid
	Wheel Rims	2.5 x 19 deep-bed
	Tyres front	3 x 19
	Tyres rear	3 x 19
	Brakes front	drum brake Ø 160 mm
	Brakes rear	drum brake Ø 180 mm
	Dimensions and weights	Length
Width		800 mm
Height		920 mm
Wheel Base		1330 mm
Fuel Tank Capacity		9,6 l
Unladen Weight, Full Tank		135 kg
Permitted Weight Limit		200 kg
Fuel Consumption		approx. 2,75 l/100 km
Oil Consumption		approx. 1 - 2 l/1000 km
Top Speed		95 kph
Numbers Produced		8.021
Price		750,- RM