

# BMW R 39

BMW Group  
Mobile Tradition



The Ultimate  
Riding Machine

<b>Engine</b>	Begin of the Production	1925
	End of the Production	1927
	Internal Designation	M 40
	Motor Type	four-stroke single-cylinder vertical
	Bore	68 mm
	Stroke	68 mm
	Displacement	247 ccm
	Max Power	6,5 hp
	Rpm (Max Power)	4500 rpm
	Compression Ratio	6.0:1
	Valves	ohv
	Carburetion System	1 x carburettor BMW Spezial 20 mm
	Engine Lubricating System	forced-feed lubrication
<b>Power transmission</b>	Oil Pump	gear pump
	Clutch	single-plate, dry
	Number of Gears	3
	Shifting	manual
	Gearbox Ratios	6/9.28/13.7
	Rear Wheel Ratio	1:2.84
	Bevel/Crownwheel	14/37 teeth
<b>Electrical system</b>	Generator	Bosch magneto ignition
	Ignition System	Bosch magneto generator type G 1.8 V/15 W
	Spark Plugs	Bosch W 175
<b>Chassis</b>	Designation	R 39
	Frame	twin-loop tubular frame
	Front Wheel Suspension	plate spring, 4 laminae
	Rear Wheel Suspension	rigid
	Wheel Rims	27 x 3.5 type CC I
	Tyres front	27 x 3.5 balloon or with 26 x 3 high-pressure tyres
	Tyres rear	27 x 3.5 balloon or with 26 x 3 high-pressure tyres
	Brakes front	internal shoe brake (drum brake) Ø 150 mm
	Brakes rear	external shoe brake at the gearing (on cardan shaft)
	<b>Dimensions and weights</b>	Length
Width		800 mm
Height		950 mm
Fuel Tank Capacity		10 l
Unladen Weight, Full Tank		110 kg
Load Rating		not available
Fuel Consumption		approx. 2,5 l/100 km
Oil Consumption		approx. 1-2 l/1000 km
Top Speed		100 kph
Numbers Produced		855
Price		1.870,- RM