

# BMW R 50 US

BMW Group  
Mobile Tradition



The Ultimate  
Riding Machine

<b>Engine</b>	Begin of the Production	1967
	End of the Production	1969
	Internal Designation	252/3
	Motor Type	four-stroke two-cylinder flat-twin
	Bore	68 mm
	Stroke	68 mm
	Displacement	494 ccm
	Max Power	26 hp
	Rpm (Max Power)	5800 rpm
	Compression Ratio	7.5:1
	Valves	ohv
	Carburetion System	2 x carburettor Bing 1/24/149 - 1/24/150
	Engine Lubricating System	forced-feed lubrication
<b>Power transmission</b>	Oil Pump	gear pump
	Clutch	single plate saucer spring, dry
	Number of Gears	4
	Shifting	foot shifting
	Gearbox Ratios	4.17/2.73/1.94/1.54
	Rear Wheel Ratio	1:3.375
	Bevel/Crownwheel	8/27 teeth
<b>Electrical system</b>	Generator	Bosch LJ/CGE 60/6/1700 R
	Ignition System	magneto ignition
	Spark Plugs	Bosch W 240 T1
<b>Chassis</b>	Designation	245/3
	Frame	double loop steel tubular frame
	Front Wheel Suspension	telescopic fork
	Rear Wheel Suspension	long arm swing with suspension units and oil-pressure shock absorbers
	Wheel Rims	deep-bed 2.15B x 18
	Tyres front	3.5 x 18
	Tyres rear	4 x 18
	Brakes front	drum brake Ø 200 mm duplex full hub
	Brakes rear	drum brake Ø 200 mm simplex full hub
	<b>Dimensions and weights</b>	Length
Width		660 mm
Height		980 mm
Wheel Base		1427 mm
Fuel Tank Capacity		17 l
Unladen Weight, Full Tank		195 kg
Load Rating		360 kg
Idle/Riding Noise		72 dB(A), 84 dB(A)
Fuel Consumption		approx. 5,1 l/100 km
Oil Consumption		approx. 0,5 - 1 l/1000 km
Top Speed		140 kph
Numbers Produced		contained in figures for 50/2 (19.036)
Price		1.224,- US \$