

# BMW R 24

BMW Group  
Mobile Tradition



The Ultimate  
Riding Machine

<b>Engine</b>	Begin of the Production	1948
	End of the Production	1950
	Internal Designation	224/1
	Motor Type	four-stroke single-cylinder vertical
	Bore	68 mm
	Stroke	68 mm
	Displacement	247 ccm
	Max Power	12 hp
	Rpm (Max Power)	5600 rpm
	Compression Ratio	6.75:1
	Valves	ohv
	Carburetion System	1 x Bing type AJ 1/22/140 b
	Engine Lubricating System	forced-feed lubrication
	Oil Pump	gear pump
<b>Power transmission</b>	Clutch	single-plate, dry
	Number of Gears	4
	Shifting	foot switching (+ auxiliary manual switch on gearing block)
	Gearbox Ratios	6.1/3.0/2.04/1.54
	Rear Wheel Ratio	4.18:1 or 4.25:1
	Bevel/Crownwheel	11/46 or 8/34 teeth
<b>Electrical system</b>	Generator	6 V/45 W
	Ignition System	battery ignition
	Spark Plugs	Bosch W 240 T1 or Bosch W 225 T1
<b>Chassis</b>	Designation	224/1
	Frame	closed steel 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 160 mm
	<b>Dimensions and weights</b>	Length
Width		750 mm
Height		710 mm (Saddle)
Fuel Tank Capacity		12 l
Unladen Weight, Full Tank		130 kg
Permitted Weight Limit		290 kg
Fuel Consumption		approx. 3,5 l/100 km
Oil Consumption		approx. 1 l/1000 km
Top Speed		95 kph
Numbers Produced		12.020
Price		1.750,- DM