

BMW R 50/5

BMW Group
Mobile Tradition



The Ultimate
Riding Machine

Engine	Begin of Production	1969
	End of Production	1973
	Motor Type	four-stroke, two-cylinder, horizontally-opposed Boxer engine, air-cooled
	Bore	67 mm
	Stroke	70,6 mm
	Cubic Capacity	498 ccm
	Max Power	32 hp (23,6 KW)
	Rpm (Max Power)	6400 rpm
	Max Torque	39 Nm
	Rpm (Max Torque)	5000 rpm
	Compression Ratio	8.6:1
	Valves per Cylinder	2
	Valve Control	ohv, using push rod and rocker arm
	Carburation System	2 slide carburetors, Bing 1/26/113-1/26/114
Power transmission	Engine Lubrication	wet sump
	Clutch	dry single plate, with diaphragm spring
	Number of Gears	4
	Gear Selection	dog-type gearbox (ratchet foot lever)
	Gear Ratios	3.896/2.578/1.875/1.50:1
	Rear Wheel Ratio	1:3.56
	Bevel/Crownwheel	9/32 teeth
Electrical system	Ignition	battery ignition
	Alternator	Bosch 12 V/180 W
	Starter	Bosch 0.5 hp (optional at additional charge)
	Spark Plugs	Bosch W 230 T 30/Beru 230/14/3 A/Champion N 7 Y
Chassis	Type of Frame	double-loop tubular frame with bolt-on rear section
	Front Suspension	telescopic fork with hydraulic shock absorber
	Rear Suspension	long swinging arm with strut
	Spring Travel front/rear	208 / 125 mm
	Rims front	1.85 B 19
	Rims rear	1.85 B 18 or 2.15 B 18
	Tyres front	3.25 S 19
	Tyres rear	4.00 S 18
	Brakes front	duplex drum brake 200 mm dia
	Brakes rear	simplex drum brake 200 mm dia
Dimensions and weights	Length	2100 mm (from 1973: 2150 mm)
	Width	850 mm (850 mm)
	Height	1040 mm
	Wheel Base	1385 mm (from 1973: 1435 mm)
	Ground Clearance	165 mm
	Tank Capacity	24 l (from 1971: 17 l)
	Unladen Weight, full Tank	205 kg (from 1971: 200 kg)
	Max permissible Weight	398 kg
	Fuel Consumption	4,6 l/100 km (at constant 90 kph)
	Acceleration 0-100 kph	10,2 sec
	Top Speed	157 kph
	Number Sold	7.865
	Price	3.696,- DM