

BMW R 100 S

BMW Group
Mobile Tradition



The Ultimate
Riding Machine

Engine	Begin of Production	1976
	End of Production	1978
	Motor Type	four-stroke, two-cylinder, horizontally-opposed Boxer engine, air-cooled
	Bore	94 mm
	Stroke	70,6 mm
	Cubic Capacity	980 ccm
	Max Power	65 hp (48 KW) [1978: 70 hp (51 KW)]
	Rpm (Max Power)	6600 rpm (1978: 7250 rpm)
	Max Torque	75 Nm [1978: 77 Nm]
	Rpm (Max Torque)	5500 rpm
	Compression Ratio	9.5:1
	Valves per Cylinder	2
	Valve Control	ohv, using push rod and rocker arm
	Carburation System	2 constant depression carburettors, Bing 94/40/103-104 or 105-106
Power transmission	Engine Lubrication	wet sump
	Clutch	dry single plate, with diaphragm spring
	Number of Gears	5
	Gear Selection	dog-type gearbox (ratchet foot lever)
	Gear Ratios	4.4/2.86/2.07/1.67/1.50:1 (optional sport version 3.38/2.43/1.93/1.67/1.50)
	Rear Wheel Ratio	1:2.91 or 1:3.0
Electrical system	Bevel/Crownwheel	11/32 teeth or 11/33 teeth
	Ignition	battery ignition
	Alternator	Bosch 12 V/240 W
	Starter	Bosch 0.6 hp
Chassis	Spark Plugs	Bosch W 225 T 30/Beru 230/14/3 A/Champion N 6 Y
	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 adjustable strut
	Spring Travel front/rear	200 / 125 mm
	Rims front	1.85 B 19
	Rims rear	2.15 B 18
	Tyres front	3.25 H 19
	Tyres rear	4.00 H 18
	Brakes front	dual-disc brake 260 mm dia
Dimensions and weights	Brakes rear	simplex drum brake 200 mm dia [1978: single disc brake 260 mm dia]
	Length	2130 mm
	Width	746 mm
	Height	1210 mm
	Wheel Base	1465 mm
	Ground Clearance	165 mm
	Tank Capacity	24 l
	Unladen Weight, full Tank	220 kg
	Max permissible Weight	398 kg
	Fuel Consumption	5,45 l/100 km [70 PS: 5,75 l] (at constant 90 kph)
	Acceleration 0-100 kph	4,7 sec (70 hp: 4,6 sec)
	Top Speed	200 kph
	Number Sold	11.762

| Price

| 10.190,- DM