



BMW R 100 RS

Engine	Begin of Production	1976
	End of Production	1984
	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	70 hp (51 KW)
	Rpm (Max Power)	7250 rpm
	Max Torque	76 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 carburetors, Bing 94/40/105-106
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	1:3.0 or 1:2.91
	Bevel/Crownwheel	11/33 teeth or 11/32 teeth
Electrical system	Ignition	battery ignition, from 1980: contact-free electronic ignition (Bosch)
	Alternator	Bosch 12 V/240 W
	Starter	Bosch 0.6 hp (from 1978: 0.7 kW)
	Spark Plugs	Bosch W 225 T 30/Beru 230/14/3 A/Champion N 6 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 adjustable strut
	Spring Travel front/rear	200 / 125 mm
	Rims front	1.85 B 19
	Rims rear	2.50 B 18
	Tyres front	3.25 H 19
	Tyres rear	4.00 H 18
	Brakes front	dual-disc brake 260 mm dia
	Brakes rear	simplex drum brake 200 mm dia [1978: single disc brake 260 mm dia]
Dimensions and weights	Length	2130 mm (from 1978: 2210 mm)
	Width	746 mm
	Height	1300 mm
	Wheel Base	1465 mm
	Ground Clearance	165 mm
	Tank Capacity	24 l
	Unladen Weight, full Tank	230 kg
	Max permissible Weight	398 kg
	Fuel Consumption	5,75 l/100 km (at constant 90 kph)
	Acceleration 0-100 kph	4,6 sec
	Top Speed	200 kph
	Number Sold	33.648

| Price

| 11.210,- DM