

BMW R 27

BMW Group
Mobile Tradition



The Ultimate
Riding Machine

Engine	Begin of the Production	1960
	End of the Production	1966
	Internal Designation	226/2
	Motor Type	four-stroke single-cylinder vertical
	Bore	68 mm
	Stroke	68 mm
	Displacement	247 ccm
	Max Power	18 hp
	Rpm (Max Power)	7400 rpm
	Compression Ratio	8.2:1
	Valves	ohv
	Carburetion System	1 x Bing carburettor type 1/26/68
	Engine Lubricating System	forced-feed lubrication
Power transmission	Oil Pump	gear pump
	Clutch	single-plate, dry
	Number of Gears	4
	Shifting	foot switching
	Gearbox Ratios	5.33/3.02/2.04/1.54
	Rear Wheel Ratio	1:4.16 (with sidecar 1:5.2)
	Bevel/Crownwheel	6/25 teeth (with sidecar 5:26)
Electrical system	Generator	Bosch LJ/CJE 60/6/1800 R 5
	Ignition System	battery ignition
	Spark Plugs	Bosch W 240 T1, Beru 240/14, or Champion L 85
Chassis	Designation	226/2
	Frame	steel twin-loop frame, welded
Dimensions and weights	Front Wheel Suspension	long swing arm with suspension units and oil-pressure dampers
	Rear Wheel Suspension	long swing arm with suspension units and oil-pressure dampers
	Wheel Rims	2.15B x 18 deep-bed rims
	Tyres front	3.25 x 18
	Tyres rear	3.25 x 18
	Brakes front	drum brake Ø 160 mm, full width
	Brakes rear	drum brake Ø 160 mm, full width
	Length	2090 mm
	Width	660 mm
	Height	975 mm
	Wheel Base	975 mm
	Fuel Tank Capacity	15 l
	Unladen Weight, Full Tank	162 kg
	PermittedWeight Limit	325 kg (with original sidecar 480 kg)
	Idle/Riding Noise	81/81 phon (from 12/10/1962: 82/80 DIN phon)
	Fuel Consumption	approx. 3,9 l/100 km
	Oil Consumption	approx. 0,5 - 1 l/1000 km
Top Speed	130 kph (with original sidecar 90 kph)	
Numbers Produced	15.364	
Price	2.430,- DM	