

BMW R 66

BMW Group
Mobile Tradition



The Ultimate
Riding Machine

Engine	Begin of the Production	1938
	End of the Production	1941
	Internal Designation	266/1
	Motor Type	four-stroke two-cylinder flat-twin
	Bore	69,8 mm
	Stroke	78 mm
	Displacement	597 ccm
	Max Power	30 hp
	Rpm (Max Power)	5300 rpm
	Compression Ratio	6.8:1
	Valves	ohv
	Carburetion System	2 x carburettor type Amal 6/420 S
	Engine Lubricating System	forced-feed lubrication
Power transmission	Oil Pump	gear pump
	Clutch	single-plate, dry
	Number of Gears	4
	Shifting	foot shifting (+ auxiliary manual lever), manual gear lever on request
	Gearbox Ratios	3.6/2.28/1.7/1.3
	Rear Wheel Ratio	1:3.6 (sidecar 1:4.38)
	Bevel/Crownwheel	10/36 teeth (sidecar 8/35)
Electrical system	Generator	Bosch RD 50/6 2800 R 17
	Ignition System	battery ignition
	Spark Plugs	Bosch W 225 T1
Chassis	Designation	251/1
	Frame	twin-loop steel tubular frame
	Front Wheel Suspension	telescopic fork
	Rear Wheel Suspension	telescopic suspension
	Wheel Rims	deep-bed 3 x 19
	Tyres front	3.5 x 19
	Tyres rear	3.5 x 19
	Brakes front	drum brakes Ø 200 mm
	Brakes rear	drum brakes Ø 200 mm
	Dimensions and weights	Length
Width		815 mm
Height		960 mm
Wheel Base		1400 mm
Fuel Tank Capacity		14 l
Unladen Weight, Full Tank		187 kg
Load Rating		210 kg (max. overall weight with sidecar 500 kg)
Fuel Consumption		approx. 4,5 l/100 km
Oil Consumption		approx. 1 l/1000 km
Top Speed		145 kph (with original sidecar 115 kph)
Numbers Produced		1.669
Price		1.695,- RM