

# Phil Hawksley's BM Bikes

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## BMW R1200GS Specifications

<b>Start of Production</b>	<b>2004</b>
<b>End of Production</b>	<b>N/A</b>
<b>Numbers Produced</b>	<b>N/A</b>
<b>Price (UK)</b>	<b>£9,235</b>



### Engine

Motor Type	Air cooled 2 cylinder, 4 stroke Boxer engine, one camshaft and four valves per cylinder, central compensation shaft
Bore x Stroke	101 x 73 mm
Displacement	1170 cc
Max Output	72 Kw / 98 bhp at 7,000 rpm (see chart below)
Max Torque	115 Nm / 85 ft/ lbs at 5,500 rpm (see chart below)
Compression Ratio	11.0 / 1
Valves Per Cylinder	Four
Valve Control	HC (High Cam Shaft)
Intake / Outlet Diameter	36mm / 31 mm
Mixture Control / Engine Management	Electronic intake pipe injection/digital engine management: BMS-K with overrun fuel cut off, dual ignition
Emission Control	Closed-loop 3 way catalytic converter

### Power Transmission

Clutch	Single plate dry clutch, 180 mm diameter. Hydraulically operated
Gearbox	Constant mesh 6 speed gearbox with helical gearing
Primary Transmission Ratio	1.823
Gearbox Ratios	2.277 / 1.583 / 1.259 / 1.033 / 0.903 / 0.803
Final Drive	Drive Shaft
Transmission Ratio	2.28

### Electrical System

Alternator	600W three phase alternator
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Battery	12V / 12 Ah
Headlight	H7
Starter	1.1 Kw
<b>Running Gear</b>	
Type of Frame	Three-section frame consisting of front and rear section, load bearing engine-gearbox unit
Front wheel drive	BMW Motorrad Telelever; stanchion diameter 41 mm, central spring strut, spring pre-load 9-times mechanically adjustable
Rear wheel drive	Die-cast aluminium single-sided swinging arm with BMW Motorrad Paralever; WAD strut (travel-related damping), spring pre-load hydraulically adjustable to continuously variable levels by means of handwheel, rebound damping adjustable
Suspension Travel	190 mm Front / 200 mm Rear
Castor	110 mm
Wheelbase	1520 mm
Steering Head Angle	62.9 degrees
Wheels	Die-cast aluminium wheels
Rim Front	2.50 x 19
Rim Rear	4.00 x 17
Tyres, Front	110 / 80 ZR 19 TL
Tyres, Rear	150 70 ZR 17 TL
Brakes, Front	EVO brake system with dual disc, floating brake discs, 305 mm diameter, four-piston fixed caliper
Brakes, Rear	Single disc brake, diameter 265 mm, double-piston floating caliper
ABS	Special equipment BMW Motorrad Integral ABS (part-integral), disengageable
<b>Dimensions/Weights</b>	
Length, Overall	2210 mm
Width, Overall with Mirrors	915 mm
Handlebar Width without Mirrors	871 mm
Height (not inc. mirrors)	1,430 mm
Seat Height unladen	840 / 860 mm
Unladen weight, road ready, fully fuelled	225 Kg
Dry weight	199 Kg
Max. Permissible Weight	425 Kg
Payload (with standard equipment)	200 Kg
Fuel Tank Capacity	20 litres
Fuel Grade	Premium
Reserve	Approx. 4.0 litres

## Performance Data

Fuel Consumption (at constant 90 Kph)  
Fuel Consumption (at constant 120 Kph)

4.5 litres per 100Km  
6.0 litres per 100Km

Fuel Type

Unleaded Premium, octane number 95 (RON), can also be operated with minimum octane number 91 (RON) due to automatic knock control

Acceleration 0 - 100 Kph / 62 mph  
Standing Start Km  
Top Speed

3.4 seconds  
24.7 Seconds  
208 Kph / 129 Mph

### Power Output

### Torque

