

# Phil Hawksley's BM Bikes

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## BMW R1200C CL Specifications

<b>Start of Production</b>	<b>2002</b>
<b>End of Production</b>	<b>N/A</b>
<b>Numbers Produced</b>	<b>N/A</b>
<b>Price (2003) UK £</b>	<b>9,995</b>
<b>US \$</b>	<b>15,990 / 16,490 (Custom)</b>



### Engine

Motor Type	Air / Oil cooled 2 cylinder 4 stroke Boxer engine, one camshaft and four valves per cylinder
Bore x Stroke	101 x 73 mm (3.97 x 2.87 in)
Displacement	1170 cc
Max Power	61 bhp (45 KW) at 5,000 rpm
Max Torque	98 Nm / 72 ft lb at 3,000 rpm
Compression Ratio	10.0 : 1
Mixture Control / Engine Management	Electronic intake pipe injection/digital engine management: Bosch Motronic MA 2.4 with overrun fuel cut off
Emission Control	Closed loop 3 way catalytic converter

### Power Transmission

Clutch	Single disc dry clutch, hydraulically operated
Gearbox	Constant mesh 6 speed gearbox (overdrive)
Gearbox Ratios	2.038 / 1.600 / 1.267 / 1.034 / 0.903 / 0.698 : 1
Rear Wheel Ratios	2.62 : 1
Drive	Shaft Drive

### Electrical System

Alternator	840 W three phase alternator
Battery	12V / 19 Ah

### Chassis

Type of Frame	Three section composite frame consisting of front & rear section, load bearing engine
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Front wheel suspension	BMW Motorrad Telelever; stanchion diameter 35 mm, central strut Die cast aluminium single sided swinging arm with BMW Motorrad Monolever;
Rear wheel suspension	WAD strut (travel related damping), spring pre-load adjustable to continuously variable levels by means of hydraulic handwheel
Travel Front/Rear	144 / 100 mm (5.66 / 3.93 in)
Wheels	Die cast aluminium wheels
Wheel Rims, Front	3.50 x 16
Wheel Rims, Rear	4.00 x 15
Tyres, Front	150 / 80-VR 16
Tyres, Rear	170 / 80-VR 15
Brakes, Front	EVO brake system with dual disc, floating brake discs, diameter 305 mm / 12 in, 4 piston fixed caliper
Brakes, Rear	Single disc floating brake 285 mm / 11.22 in diameter, 4 piston fixed caliper
ABS	Special equipment BMW Motorrad Integral ABS (fully integral)

### **Dimensions/Weights**

Length x Width x Height	2415 x 1075 x 1435 mm (95.07 x 42.32 x 56.49 in)
Seat Height	745 mm / 29.33 in
Wheel Base	1641 mm / 64.60 in
Castor (in Normal Position)	184 mm / 7.24 in
Steering Head Angle (in Normal Position)	56.5 degrees
Fuel Tank Useable Volume	17.5 litres / 3.84 gal / 4.62 gal US
Reserve	4.0 litres / 0.87 gal / 1.05 gal US
Unladen Weight with Full Tank	308 Kg / 678 lb
Dry Weight	288 Kg / 634 lb
Max. Permissible Weight	530 Kg / 1167 lb
Payload (with Standard Equipment)	222 Kg / 488 lb
Fuel Consumption over 100 Km @ constant 90 Kph	5.1 litres / 55 mpg / 46 mpg
Fuel Consumption over 100 Km @ constant 120 Kph	6.2 litres / 45 mpg / 37 mpg US
Fuel Type	Unleaded Premium minimum octane rating 95 (RON)