

# Phil Hawksley's BM Bikes

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## BMW R60/7 Specifications

**Start of Production** 1976  
**End of Production** 1982  
**Numbers Produced** 11,163  
**Price** 6,850 DM



### Engine

Motor Type	Four-stroke two cylinder horizontally opposed "Boxer" engine, air cooled
Bore x Stroke	73.5 x 70.6 mm (2.89 x 2.77 in)
Displacement	599 cc
Max Power	40 hp (29.5 KW) at 6,400 rpm
Max Torque	48 Nm / 35 ft lb at 5,000 rpm
Compression Ratio	9.2 : 1
Valves Per Cylinder	2
Valve Control	OHV, using push rod and rocker arm
Carburation System	2 slide carburetors, Bing 1/26/123 - 1/26/124
Engine Lubricating System	Wet sump

### Power Transmission

Clutch	Dry single plate, with diaphragm spring
Number of Gears	5
Gear Selection	Dog type gearbox (ratchet foot lever)
Gearbox 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 : 3.36 or 1 : 3.56
Bevel/Crownwheel	11 / 37 or 1 : 9 / 32 teeth

### Electrical System

Ignition System	Battery ignition
Alternator	Bosch 12 V/280 W
Starter	Bosch 0.6 hp
Spark Plugs	Bosch W 225 T 30 / Beru 230/14/3 A /Champion N6Y

### Chassis

Type of Frame	Double loop tubular frame with bolt on rear section
Front wheel suspension	Telescopic fork with hydraulic shock absorber
Rear wheel suspension	Long swinging arm with adjustable strut
Spring Travel Front/Rear	200 / 125 mm
Wheel Rims, Front	1.85 B 19
Wheel Rims, Rear	2.15 B 18
Tyres, Front	3.25 S 19
Tyres, Rear	4.00 S 18
Brakes, Front	Single disc brake 260 mm / 10.23 in diameter. ATE 1 piston caliper
Brakes, Rear	Simplex drum brake 200 mm / 7.87 in diameter

### **Dimensions/Weights**

Length x Width x Height	2130 x 746 x 1080 mm (83.85 x 29.37 x 42.51 in)
Wheel Base	1465 mm / 57.67 in
Fuel Tank Capacity	24 litres / 5.27 gal / 6.34 gal US
Unladen Weight with Full Tank	215 Kg / 473 lb
Max. Permissible Weight	398 Kg / 876 lb
Ground Clearance	165 mm / 6.49 in
Seat Height (Unladen)	810 mm (31.9 inches)
Fuel Consumption	5.5 litres 100 Km (at constant 90 Kph) / 51 mpg / 42 mpg US
Top Speed	167 Kph / 103 mph
Acceleration 0 - 100 Kph / 62 mph	6.7 seconds