

Phil Hawksley's BM Bikes

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BMW R60/6 Specifications

| | |
|----------------------------|-----------------|
| Start of Production | 1973 |
| End of Production | 1976 |
| Numbers Produced | 13,511 |
| Price | 5,992 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 | 49 Nm / 36 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 1/26/111 - 1/26/112 or 1/26/123 - 1/26/124 |
| Engine Lubricating System | Wet sump |

Power Transmission

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|------------------|-----------------------------------------|
| 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 |
| Rear Wheel Ratio | 1: 3.36 |
| Bevel/Crownwheel | 11 / 37 teeth |

Electrical System

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|-----------------|------------------------------------|
| Ignition System | Battery ignition |
| Alternator | Bosch 12 V/280 W |
| Starter | Bosch 0.5 hp |
| Spark Plugs | Bosch W 230 T 30 / Beru 230/14/3 A |

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 | 208 / 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 | Duplex drum brake 200 mm / 7.87 in diameter |
| Brakes, Rear | Simplex drum brake 200 mm / 7.87 in diameter |
| Dimensions/Weights | |
| Length x Width x Height | 2180 x 740 x 1080 mm (85.82 x 29.13 x 42.51 in) |
| Wheel Base | 1465 mm / 57.67 in |
| Fuel Tank Capacity | 18 litres / 3.95 gal / 4.75 gal US (optional 22 litre / 4.83 gal / 5.81 gal US tank at extra charge) |
| Unladen Weight with Full Tank | 210 Kg / 462 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 | 7.7 seconds |