

Phil Hawksley's BM Bikes

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BMW R67 Specifications

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|----------------------------|-----------------|
| Start of Production | 1951 |
| End of Production | 1951 |
| Numbers Produced | 1,470 |
| Price | 2,875 DM |



Engine

| | |
|---------------------------|--|
| Internal Designation | 267/1 |
| Motor Type | Four-stroke two cylinder flat twin |
| Bore x Stroke | 72 x 73 mm (2.83 x 2.87 in) |
| Displacement | 594 cc |
| Max Power | 26 hp at 5,500 rpm |
| Compression Ratio | 5.6 : 1 |
| Valves | OHV |
| Carburation System | 2 x carburettor, Type Bing 1/24/15 - 1/24/16 |
| Engine Lubricating System | Forced feed lubrication |
| Oil Pump | Gear pump |

Power Transmission

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|------------------|--|
| Clutch | Single plate, dry |
| Number of Gears | 4 |
| Shifting | Foot shifting (+ auxiliary manual lever on the gear block) |
| Gearbox Ratios | 3.6 / 2.28 / 1.7 / 1.3 |
| Rear Wheel Ratio | 1 : 3.56 (1 : 4.38 with sidecar) |
| Bevel/Crownwheel | 9 / 32 teeth (8 / 35 with sidecar) |

Electrical System

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|-----------------|---------------------|
| Ignition System | Magneto ignition |
| Generator | Noris 6 V L 45/60 L |
| Spark Plugs | Bosch W 240 T1 |

Chassis

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|------------------------|---------------------------------|
| Designation | 251/3 |
| Frame | Double 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 brake 200 mm / 7.87 in diameter |
| Brakes, Rear | Drum brake 200 mm / 7.87 in diameter |

Dimensions/Weights

| | |
|-------------------------------|---|
| Length x Width x Height | 2130 x 790 x 985 mm (83.85 x 31.10 x 38.77 in) |
| Wheel Base | 1400 mm / 5.51 in |
| Fuel Tank Capacity | 17 litres / 3.73 gal / 4.49 gal US |
| Unladen Weight with Full Tank | 192 Kg / 422 lb (with original sidecar, 320 Kg / 704 lb) |
| Load Rating | 355 Kg / 781 lb (with original sidecar, 600 Kg / 1321 lb) |
| Fuel Consumption | 4.6 litres 100 Km approx / 61 mpg / 51 mpg US |
| Oil Consumption | 0.7 litres per 1,000 Km approx. |
| Top Speed | 140 Kph / 87 mph (with original sidecar, 100 Kph / 62 mph) |