Phil Hawksley's BM Bikes

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BMW R67/2 Specifications

Start of Production	**1952**
End of Production	**1954**
Numbers Produced	**4,234**
Price	**3,235 DM**

Engine

Internal Designation	267/2
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	28 hp at 5,600 rpm
Compression Ratio	6.5 : 1
Valves	OHV
Carburation System	2 x carburettor, type Bing 1/24/15 - 1/24/16 or 1/24/25 - 1/24/26
Engine Lubricating System	Forced feed lubrication
Oil Pump	Gear pump

Power Transmission

Clutch	Single plate, dry
Number of Gears	4
Shifting	Foot shifting (+ auxiliary manual lever on the gear block)
Gearbox Ratios	4.0 / 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

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

Chassis

Designation	251/4
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 duplex, from 1954 full hub
Brakes, Rear	Drum brake 200 mm / 7.87 in diameter simplex, from 1954 full hub

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)
Idle/Riding Noise	85/87 phon
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	145 Kph / 90 mph (with original sidecar, 110 Kph / 68 mph)