

Phil Hawksley's BM Bikes

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BMW R60 Specifications

Start of Production	1956
End of Production	1960
Numbers Produced	3,530
Price	3,235 DM



Engine

Internal Designation	267/4
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 1/24/95 - 1/24/96
Engine Lubricating System	Forced feed lubrication
Oil Pump	Gear pump

Power Transmission

Clutch	Single plate saucer spring, dry
Number of Gears	4
Shifting	Foot shifting
Gearbox Ratios	5.33 / 3.02 / 2.04 / 1.54
Rear Wheel Ratio	1 : 2.91 (1 : 3.86 with sidecar)
Bevel/Crownwheel	11 / 32 teeth (7 / 27 with sidecar)

Electrical System

Ignition System	Magneto ignition
Generator	Noris L 60/6/1500 L
Spark Plugs	Bosch W 240 T1

Chassis

Designation	245/1
Frame	Double loop steel tubular frame
Front wheel suspension	Long swing arm with suspension units and oil pressure shock absorbers
Rear wheel suspension	Long swing arm with suspension units and oil pressure shock absorbers

Wheel rims	Deep bed 3 x 18 (with sidecar, rear 2.75C x 18)
Tyres, Front	3.5 x 18
Tyres, Rear	3.5 x 18 (with sidecar, 4 x 18)
Brakes, Front	Drum brake 200 mm /7.87 in diameter duplex full hub
Brakes, Rear	Drum brake 200 mm /7.87 in diameter simplex full hub

Dimensions/Weights

Length x Width x Height	2125 x 660 x 980 mm (83.66 x 25.98 x 38.58 in)
Wheel Base	980 mm / 38.58 in
Fuel Tank Capacity	17 litres / 3.73 gal / 4.49 gal US
Unladen Weight with Full Tank	195 Kg / 429 lb (with original sidecar, 320 Kg / 704 lb)
Idle/Riding Noise	84/73 phon (from end of 1955: 82/73 phon)
Load Rating	360 Kg / 792 lb (with original sidecar, 600 Kg / 1321 lb)
Fuel Consumption	4.2 litres 100 Km approx / 67 mpg / 56 mpg US
Oil Consumption	0.5 - 1 litres per 1,000 Km approx.
Top Speed	145 Kph / 90 mph