

Phil Hawksley's BM Bikes

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BMW R17 Specifications

Start of Production	1935
End of Production	1937
Numbers Produced	434
Price	2,040 RM



Engine

Internal Designation	M 60
Motor Type	Four-stroke two cylinder flat twin
Bore x Stroke	83 x 68 mm (3.26 x 2.67 In)
Displacement	736 cc
Max Power	33 hp at 5,000 rpm
Compression Ratio	6.5 : 1
Valves	OHV
Carburation System	2 x carburettor Amal 76/424
Engine Lubricating System	Forced feed lubrication
Oil Pump	Gear pump

Power Transmission

Clutch	Double plates, dry
Number of Gears	4
Shifting	Manual
Gearbox Ratios	3.18 / 2.06 / 1.42 / 1.09
Rear Wheel Ratio	1 : 4.07 (1 : 4.75 with sidecar)
Bevel/Crownwheel	14 / 57 teeth (12 / 57 with sidecar)

Electrical System

Ignition System	Battery
Generator	Bosch B 242 RS 108
Spark Plugs	Bosch M175 T1

Chassis

Designation	F 66
Frame	Twin loop pressed steel frame
Front wheel suspension	Telescopic fork
Rear wheel suspension	Rigid
Wheel rims	3 x 19
Tyres, Front	3.5 x 19
Tyres, Rear	3.5 x 19

Brakes, Front
Brakes, Rear

Drum brake 200 mm / 7.87 in diameter
Drum brake 200 mm / 7.87 in diameter

Dimensions/Weights

Length x Width x Height

2100 x 900 x 940 mm (82.67 x 3.54 x 37.00 in)

Wheel Base

1380 mm / 54.33 in

Fuel Tank Capacity

14 litres / 3.07 gal / 3.69 gal US

Unladen Weight with Full Tank

Approx. 165 Kg / 363 lb (without consumables)

Load Rating

Approx. 210 Kg / 462 lb

Fuel Consumption

4.5 - 5 litres per 100 Km / 62 - 56 mpg / 52 - 47 mpg US

Oil Consumption

Approx. 1 - 2 litres per 1,000 Lm

Top Speed

140 Kph / 87 mph (120 Kph / 74 mph with original sidecar)