

Phil Hawksley's BM Bikes

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BMW R60/5 Specifications

Start of Production	1969
End of Production	1973
Numbers Produced	22,721
Price	3,996 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

Engine Lubricating System

Wet sump

Power Transmission

Clutch

Dry single plate, with diaphragm spring

Number of Gears

4

Gear Selection

Dog type gearbox (ratchet foot lever)

Gearbox Ratios

3.896 / 2.578 / 1.875 / 1.50 : 1

Rear Wheel Ratio

1: 3.6

Bevel/Crownwheel

11 / 37 teeth

Electrical System

Ignition System

Battery ignition

Alternator

Bosch 12 V/180 W

Starter

Bosch 0.5 hp

Spark Plugs

Bosch W 230 T 30 / Beru 230/14/3 A /
Champion N7Y

Chassis

Type of Frame

Double loop tubular frame with bolt on rear section

Front wheel suspension

Telescopic fork with hydraulic shock

Rear wheel suspension	absorber
Spring Travel Front/Rear	Long swinging arm with strut
Wheel Rims, Front	208 / 125 mm
Wheel Rims, Rear	1.85 B 19
Tyres, Front	1.85 B 18
Tyres, Rear	3.25 S 19
Brakes, Front	4.00 S 18
Brakes, Rear	Duplex drum brake 200 mm / 7.87 in diameter
	Simplex drum brake 200 mm / 7.87 in diameter

Dimensions/Weights

Length x Width x Height	2100 (from 1973: 2150) x 850 x 1040 mm (82.67 (84.64) x 33.46 x 40.94 in)
Wheel Base	1385 mm / 54.52 in (from 1973: 1435 mm / 56.49 in)
Fuel Tank Capacity	24 litres / 5.27 gal / 6.34 gal US (from 1971: 17 litres / 3.73 gal / 4.49 gal US)
Unladen Weight with Full Tank	210 Kg / 462 lb (from 1971: 205 Kg / 451 lb)
Max. Permissible Weight	398 Kg / 876 lb
Ground Clearance	165 mm / 6.49 in
Seat Height (Unladen)	850 mm (33.5 inches)
Fuel Consumption	4.8 litres 100Km (at constant 90 Kph) / 58 mpg / 49 mpg US
Top Speed	167 Kph / 103 mph
Acceleration 0 - 100 Kph / 62 mph	8.2 seconds