

# Phil Hawksley's BM Bikes

[www.bmbikes.co.uk](http://www.bmbikes.co.uk)

## BMW R69US Specifications

<b>Start of Production</b>	<b>1967</b>
<b>End of Production</b>	<b>1969</b>
<b>Numbers Produced</b>	<b>11,317 (contained in figures for R69S)</b>
<b>Price</b>	<b>US \$ 1,648</b>



### Engine

Internal Designation	268/3
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	42 hp at 7,000 rpm
Compression Ratio	9.5 : 1
Valves	OHV
Carburation System	2 x carburettor, Type Bing 1/26/91 - 1/26/92
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	4.17 / 2.73 / 1.94 / 1.54
Rear Wheel Ratio	1: 3.375
Bevel/Crownwheel	8 / 25 teeth

### Electrical System

Ignition System	Magneto ignition
Generator	Bosch LJ/CGE 60/6/1700 R
Spark Plugs	Bosch W 260 T1

### Chassis

Designation	245/3
Frame	Double loop steel tubular frame
Front wheel suspension	Telescopic fork
Rear wheel suspension	Long swing arm with suspension units and oil pressure shock absorbers

Wheel rims	Deep bed 2.15B x 18
Tyres, Front	3.5 x 18 S
Tyres, Rear	4 x 18 S
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	2137 x 722 x 995 mm (84.13 x 28.42 x 39.17 in)
Wheel Base	1427 mm / 56.18 in
Fuel Tank Capacity	17 litres / 3.73 gal / 4.49 gal US
Unladen Weight with Full Tank	199 Kg / 438 lb
Idle/Riding Noise	78/84 dB(A)
Load Rating	360 Kg / 792 lb
Fuel Consumption	5.3 litres 100 Km approx / 53 mpg / 44 mpg US
Oil Consumption	0.5 - 1 litres per 1,000 Km approx.
Top Speed	175 Kph / 108 mph