

Phil Hawksley's BM Bikes

www.bmbikes.co.uk

BMW R26 Specifications

Start of Production	1956
End of Production	1960
Numbers Produced	30,236
Price	2,150 DM



Engine

Internal Designation	226/1
Motor Type	Four-stroke single cylinder vertical
Bore x Stroke	68 x 68 mm (2.67 x 2.67 in)
Displacement	247 cc
Max Power	15 hp at 6,400 rpm
Compression Ratio	7.5 : 1
Valves	OHV
Carburation System	1 x Bing carburettor type 1/26/46
Engine Lubricating System	Forced feed lubrication
Oil Pump	Gear pump

Power Transmission

Clutch	Single plate, dry
Number of Gears	4
Shifting	Foot switching
Gearbox Ratios	5.33 / 3.02 / 2.04 / 1.54
Rear Wheel Ratio	4.16 :1 (with sidecar 5.2 :1)
Bevel/Crownwheel	6 / 25 teeth (with sidecar 5 / 26)

Electrical System

Ignition System	Battery ignition
Generator	Noris ZLZ 60/6/1600 1/L
Spark Plugs	Bosch W 240 T1

Chassis

Designation	226/1
Frame	Steel twin loop frame, welded
Front wheel suspension	Long swing arm with suspension units and oil pressure dampers
Rear wheel suspension	Long swing arm with suspension units and oil pressure dampers
Wheel rims	2.15B x 18 deep bed rims

Tyres, Front	3.25 x 18
Tyres, Rear	3.25 x 18
Brakes, Front	Drum brake 160 mm / 6.29 in diameter, full width
Brakes, Rear	Drum brake 160 mm / 6.29 in diameter, full width

Dimensions/Weights

Length x Width x Height	2090 x 660 x 975 mm (82.28 x 25.98 x 38.38 in)
Wheel Base	975 mm / 38.38 in
Fuel Tank Capacity	15 litres / 3.29 gal / 3.96 gal US
Unladen Weight with Full Tank	158 Kg / 348 lb
Permitted Weight Limit	325 Kg / 715 lb (with sidecar 480Kg / 1057 lb)
Idle/Riding Noise	77/81 phon, from 22/5/1957: 75/78 phon, from 22/12/1958: 81/82 phon
Clearance	105 mm / 4.13 in
Fuel Consumption	Approx. 3.3 litres per 100 Km / 85 mpg / 71 mpg US
Oil Consumption	Approx. 0.5 - 1 litres per 1,000 Km
Top Speed	128 Kph / 79 mph (with original sidecar 90 Kph / 55 mph)