

Phil Hawksley's BM Bikes

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BMW K75S Specifications

Start of Production	1985
End of Production	1995
Numbers Produced	18,649
Price	13,990 DM



Engine

Motor Type	Four-stroke horizontal three cylinder in-line engine, liquid cooled
Bore x Stroke	67 x 70 mm (2.63 x 2.75 in)
Displacement	740 cc
Max Power	75 hp (55 KW) at 8,500 rpm
Max Torque	68 Nm / 50 ft lb at 6,750 rpm
Compression Ratio	11.0 : 1
Valves Per Cylinder	2
Valve Control	DOHC, using drive chain and cup tappets
Carburation System	Electronic injection, Bosch LE-Jetronic
Engine Lubricating System	Wet sump

Power Transmission

Clutch	Dry single plate
Number of Gears	5
Gear Selection	Dog type gearbox (ratchet foot lever)
Gearbox Ratios	4.50 / 2.96 / 2.30 / 1.88 / 1.67 : 1
Rear Wheel Ratio	1 : 3.20 or 1 : 3.09
Bevel/Crownwheel	10 / 32 teeth or 11 / 34 teeth

Electrical System

Ignition System	Electronic ignition, Bosch LE-Jetronic
Alternator	12 V 460 W
Starter	0.7 Kw
Spark Plugs	Bosch X 5 DC / Beru 12-5 DU

Chassis

Type of Frame	Tubular space frame, engine serving as load bearing component
Front wheel suspension	Telescopic fork with hydraulic shock absorber
Rear wheel suspension	BMW Monolever swinging arm

Spring Travel Front/Rear	185 / 114 mm (7.28 / 4.48 in)
Wheel Rims, Front	MTH 2.50 x 18 E
Wheel Rims, Rear	MTH 2.75 x 17 E
Tyres, Front	100/90 - 18 56 V
Tyres, Rear	130/90 - 17 68 V
Brakes, Front	Dual disc brake 285 mm / 11.22 in diameter. Brembo 2 piston caliper
Brakes, Rear	Single disc brake 285 mm / 11.22 in diameter

Dimensions/Weights

Length x Width x Height	2220 x 900 x 1340 mm (87.40 x 35.43 x 52.75 in)
Wheel Base	1516 mm / 59.68 in
Fuel Tank Capacity	21 litres /4.62 gal / 5.54 gal US
Unladen Weight with Full Tank	229 Kg / 504 lb
Max. Permissible Weight	450 Kg / 991 lb
Ground Clearance	175 mm / 6.89 in
Seat Height (Unladen)	810 mm (31.90 inches) or 760 mm (29.90 inches) for low seat model
Fuel Consumption (at constant 90 Kph)	4.0 litres 100 Km / 70 mpg / 59 mpg US
Top Speed	210 Kph / 130 mph
Acceleration 0 - 100 Kph / 62 mph	4.7 seconds