

Phil Hawksley's BM Bikes

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BMW K75RT Specifications

Start of Production	1989
End of Production	1995
Numbers Produced	21,264
Price	16,900 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
Bevel/Crownwheel	10 / 32 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

Rear wheel suspension	absorber
Spring Travel Front/Rear	BMW Monolever swinging arm
Wheel Rims, Front	185 / 114 mm (7.28 / 4.48 in)
Wheel Rims, Rear	MTH 2.50 x 18 E
Tyres, Front	MTH 2.75 x 18 E
Tyres, Rear	100/90 x 18 56 V
Brakes, Front	120/90 x 18 56 V
Brakes, Rear	Dual disc brake 285 mm / 11.11 in diameter. Brembo 2 piston caliper
	Single disc brake 285 mm / 11.22 in diameter

Dimensions/Weights

Length x Width x Height	2230 x 916 x 1460 mm (87.79 x 36.06 x 57.48 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	258 Kg / 568 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)	4.5 litres 100 Km / 62 mpg / 52 mpg US
Top Speed	185 Kph / 115 mph
Acceleration 0 - 100 Kph / 62 mph	4.6 seconds