

Engine

Type	Water-cooled, single-cylinder 4-stroke engine, four valves, two overhead camshafts, wet sump lubrication
Bore x stroke	80 mm x 62,1 mm
Capacity	313 ccm
Rated output	25 kW (34 PS) at 9500 U/min (ECE Version)
Max. torque	28 Nm at 7500 U/min
Compression ratio	10,6 : 1
Mixture control / engine management	Electronic fuel injection, BMS-E2
Emission control	Closed-loop 3-way catalytic converter, emission standard EU-4

Performance / fuel consumption

Maximum speed	143 km/h
Consumption w.r.t WMTC for 100km	3.33 l
Fuel type	Unleaded super, minimum octane rating 95 (RON)

Electrical system

Alternator	Alternator 330 W
Battery	12 V / 8 Ah, maintenance free

Power transmission

Clutch	Multiple-disc clutch in oil bath, mechanically operated
Gearbox	Synchromesh 6-speed transmission Integrated in the motor housing.
Drive	Endless O-ring chain with shock damping in rear wheel hub

Chassis / brakes

Frame	Bolted steel frame, drive unit load-bearing, tubular steel rear frame.
Front wheel location / suspension	Upside down fork , Ø 41 mm
Rear wheel location / suspension	Solid die-cast aluminum swingarm, directly hinged monoshock, adjustable preload
Suspension travel front / rear	140 mm / 131 mm
Wheelbase	1,374 mm

Castor	102,3 mm
Steering head angle	64,9°
Wheels	Cast aluminium wheels
Rim, front	3.0 x 17"
Rim, rear	4.0 x 17"
Tyres, front	110/70 R 17
Tyres, rear	150/60 R 17
Brake, front	Single disc, diameter 300 mm, 4-piston fixed caliper, radially bolted
Brake, rear	Single disc, diameter 240 mm, single-piston floating caliper
ABS	BMW Motorrad ABS

Dimensions / weights

Length	2.005 mm
Width (incl. mirrors)	820 (849) mm
Height (excl. mirrors)	1.080 mm
Seat height, unladen weight	785 mm
Inner leg curve, unladen weight	1,760 mm
Unladen weight, road ready, fully fuelled ¹⁾	158,5 kg
Permitted total weight	345 kg
Payload (with standard equipment)	186,5 kg
Usable tank volume	11 l
Reserve	approx. 1 l