

Engine

Type	Water/oil-cooled 4-cylinder 4-stroke in-line engine, four valves per cylinder, two overhead camshafts
Bore x stroke	80 mm x 49.7 mm
Capacity	999 ccm
Rated output	121 kW (165 hp) at 11,000 rpm
Max. torque	114 Nm at 9,250 rpm
Compression ratio	12.0 : 1
Mixture control / engine management	Electronic injection
Emission control	Closed-loop 3-way catalytic converter, emission standard EU-4, with interference pipe

Performance / fuel consumption

Maximum speed	over 200 km/h
Consumption w.r.t WMTC for 100km	6.7 l
Fuel type	Unleaded super(premium), octane number 95 - 98 (RON) (knock control; rated output at 98 RON)

Electrical system

Alternator	486 W
Battery	12 V / 8 Ah, maintenance-free

Power transmission

Clutch	Multiplate clutch in oil bath, anti-hopping clutch, mechanically controlled
Gearbox	Constant-mesh 6-speed gearbox, straight-toothed
Drive	Chain 17/45

Chassis / brakes

Frame	Aluminium composite bridge frame, partially self-supporting engine
Front wheel location / suspension	Upside-down telescopic fork Ø 46 mm, compression and rebound stage adjustable
Rear wheel location / suspension	Aluminium 2-sided swing arm, rebound damping adjustable
Suspension travel front / rear	150 mm / 140 mm

Wheelbase	1548 mm
Castor	117 mm
Steering head angle	64,5°
Wheels	Cast aluminium wheels
Rim, front	3.50 x 17"
Rim, rear	6.00 x 17"
Tyres, front	120/70 ZR 17
Tyres, rear	190/55 ZR 17
Brake, front	Twin disc brake, floating brake calipers, radial 4-piston fixed caliper, diameter 320 mm
Brake, rear	Single disc brake, 2- piston floating caliper, diameter 265 mm
ABS	BMW Motorrad Race ABS (part-integral), disengageable

Dimensions / weights

Length	2183 mm
Width (incl. mirrors)	940 mm
Height (excl. mirrors)	1408 mm
Seat height, unladen weight	840 mm
Inner leg curve, unladen weight	1.894 mm
Unladen weight, road ready, fully fuelled ¹⁾	228 kg
Permitted total weight	444 kg
Payload (with standard equipment)	216 kg
Usable tank volume	20 l
Reserve	ca. 4 l