

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 bei 9,250 rpm
Compression ratio	12.1 : 1
Mixture control / engine management	Electronic injection
Emission control	Emission standard EU-4, HP Slip on Titanium-Silencer

Performance / fuel consumption

Maximum speed	over 200 km/h
Consumption w.r.t WMTTC for 100km	6,7 l
Fuel type	Super (perium) unleaded, octane number 95 - 98 (RON) (knock control; rated output at 98 RON)

Electrical system

Alternator	406 W
Battery	12 V / 9 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	120 mm / 120 mm
Wheelbase	1,439 mm

Castor	98.5 mm
Steering head angle	65.2°
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 caliper, radial 4-piston fixed caliper, diameter 320 mm, 5mm thick
Brake, rear	Single disc brake, single piston floating caliper, diameter 220 mm, 5 mm thick
ABS	BMW Motorrad Race ABS (part-integral), disengageable

Dimensions / weights

Length	2,057 mm
Width (incl. mirrors)	845 mm
Height (excl. mirrors)	1,228 mm
Seat height, unladen weight	814 mm
Inner leg curve, unladen weight	1,805 mm
Unladen weight, road ready, fully fuelled ¹⁾	205 kg
Permitted total weight	407 kg
Payload (with standard equipment)	202 kg
Usable tank volume	17.5 l
Reserve	app. 4 l