

Engine

Type	Oil-/watercooled 4-stroke in-line 6-cylinder engine, two overhead camshafts, four valves per cylinder
Bore x stroke	72 mm x 67,5 mm
Capacity	1.649 cc
Rated output	118 kw (160 hp) at 7.750 rpm
Max. torque	175 Nm at 5.250 rpm
Compression ratio	12,2 : 1
Mixture control / engine management	Electronic intake pipe injection
Emission control	Closed-loop 3-way catalytic converter, emission standard EU-4

Performance / fuel consumption

Maximum speed	Over 200 km/h
Consumption w.r.t WMTC for 100km	5.7 l
Fuel type	Unleaded super, octane number 95 (RON)

Electrical system

Alternator	700 W
Battery	12 V / 19 Ah, maintenance-free

Power transmission

Clutch	Multiple-disc clutch in oil bath
Gearbox	6-speed, helical, gearbox
Drive	shaft drive

Chassis / brakes

Frame	Bridge-type frame, cast aluminium, load-bearing engine
Front wheel location / suspension	BMW Motorrad Duolever; central spring strut
Rear wheel location / suspension	BMW Motorrad Paralever
Suspension travel front / rear	115 mm /135 mm
Wheelbase	1,618 mm
Castor	106.4 mm
Steering head angle	62,2°
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	Dual disc brake, diameter 320 mm, 4-piston fixed calipers
Brake, rear	Single disc brake, diameter 320 mm, double-piston caliper
ABS	BMW Motorrad Integral ABS (part-integral)

Dimensions / weights

Length	2,489 mm
Width (incl. mirrors)	1,000 mm
Height (excl. mirrors)	1,475 mm

Seat height, unladen weight	750 mm
Inner leg curve, unladen weight	1,720 mm
Unladen weight, road ready, fully fuelled ¹⁾	350 kg
Permitted total weight	560 kg
Payload (with standard equipment)	210 kg
Usable tank volume	26,5 l
Reserve	4 l