

## 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 5,520 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	three-phase alternator 580 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	125mm /135 mm
Wheelbase	1,618 mm
Castor	108.4 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	2,324 mm
Width (incl. mirrors)	1,000 mm
Height (excl. mirrors)	1,440 mm
Seat height, unladen weight	810/830 mm (low seat*: 800/780 mm) OE
Inner leg curve, unladen weight	1,830/1,870 mm (low seat: 1,775/1,810 mm) *OE
Unladen weight, road ready, fully fuelled <sup>1)</sup>	334 kg
Permitted total weight	540 kg
Payload (with standard equipment)	206 kg
Usable tank volume	26.5 l
Reserve	4 l