

Technical data sheets BMW Motorrad

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G 310 R

Engine	
Type	Water-cooled, single-cylinder 4-stroke engine, four valves, two overhead camshafts and cam followers, wet sump lubrication
Bore / stroke	80 mm x 62.1 mm
Capacity	313 cc
Rated output	25 kW (34 hp) at 9,250 rpm
Max. torque	28 Nm at 7,500 rpm
Compression ratio	10.9 : 1
Mixture control	Electronic fuel injection
Emission control	Closed-loop 3-way catalytic converter, emission standard EU-5

Performance / fuel consumption	
Maximum speed	143 km/h
Fuel consumption per 100 km based on WMTC	3,5 l
CO ₂ emission based on WMTC	80 g/km
Fuel type	Unleaded regular, minimum octane number 91 (RON)

Electrical system	
Alternator	three-phase alternator 308 W
Battery	12 V / 8 Ah, maintenance-free

Power transmission	
Clutch	Multiplate clutch in oil bath, anti-hopping clutch, with self-reinforcement
Gearbox	Constant mesh 6-speed gearbox integrated in crankcase
Drive	Endless X-ring chain with shock damping in rear wheel hub

Chassis / brakes	
Frame	Tubular space frame
Front wheel location / suspension	Upside down fork, Ø 41 mm
Rear wheel location / suspension	Cast aluminium dual swing arm, central spring strut, spring pre-load adjustable
Suspension travel, front / rear	140 mm / 131 mm
Wheelbase	1,380 mm
Castor	114 mm
Steering head angle	64.9°
Wheels	Cast aluminium wheels
Rim, front	3.00 x 17"
Rim, rear	4.00 x 17"
Tyre, front	110/70 R 17
Tyre, 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	
Seat height	785 mm (OA low seat 770 mm, OA high seat 800 mm)
Inner leg curve	1,760 mm (OA low seat 1,730 mm, OA high seat 1,790 mm)
Usable tank volume	11,0 l
Reserve	approx. 1,0 l
Length	2,005 mm
Height (excl. mirrors)	1,080 mm
Width (incl. mirrors)	849 mm
Unladen weight, road ready, fully fuelled 1)	164 kg
Permitted total weight	345 kg
Payload (with standard equipment)	181 kg

Equipment (in parts)	
Standard equipment	BMW Motorrad ABS, ride by wire, stainless steel exhaust system, 100% LED head- ,tail light and LED indicator, adjustable brake- and clutch lever
Optional equipment (OE)	-
Optional accessories (OA)	low seat, high seat, LED indicators, luggage rack, topcase "Light", topcase 30 l, heated grips, 12 V power outlet, USB charging socket

Technical data relate to the unladen weight (DIN)

1) According to guideline VO (EU) 168/2013 with all fluids, with standard equipment and fuelled with at least 90% of usable tank volume.
(only OE-USPs compared to competition)