

K1200R Technical Data



Engine

Type	Water-cooled 4-stroke in-line four-cylinder engine, two camshafts, four valves per cylinder
Bore x stroke	79 mm x 59 mm
Capacity	1,157 cc
Rated output	120 kW (163 hp) at 10,250 rpm
Max. torque	127 Nm at 8,250 rpm
Compression ratio	13.0 : 1
Mixture control / engine management	Electronic intake pipe injection/digital engine management including knock sensor (BMS-K)
Emission control	Closed-loop 3-way catalytic converter, emission standard EU-3

Performance / fuel consumption

Maximum speed	Over 200 km/h
Fuel consumption per 100 km at constant 90 km/h	4.7 l
Fuel consumption per 100 km at constant 120 km/h	5.5 l
Fuel type	Unleaded premium, octane number 98 (RON), automatic knock control permits operation with minimum octane number 95 (RON).

Electrical system

Alternator	three-phase alternator 580 W
Battery	12 V / 14 Ah, maintenance-free

Power transmission

Clutch	Multiple-disc clutch in oil bath, hydraulically operated
Gearbox	Constant mesh 6-speed gearbox
Drive	Shaft drive

Chassis / brakes

Frame	Bridge-type, cast aluminium, load bearing engine
Front wheel location / suspension	BMW Motorrad Duolever; central spring strut
Rear wheel location / suspension	Cast aluminium single-sided swing arm with BMW Motorrad Paralever; central spring strut with lever system, spring pre-load adjustable (continuously variable) at hydraulic handwheel, adjustable rebound damping
Suspension travel front / rear	115 mm / 135 mm
Wheelbase	1,580 mm
Castor	108 mm
Steering head angle	61°
Wheels	Cast aluminium
Rim, front	3.50 x 17"
Rim, rear	5.50 x 17"
Tyres, front	120/70 ZR 17
Tyres, rear	180/55 ZR 17
Brake, front	Twin disc, floating brake discs, diameter 320 mm, 4-piston fixed calipers
Brake, rear	Single disc brake, diameter 265 mm, double-piston floating caliper
ABS	Optional extra: BMW Motorrad Integral ABS (part-integral)

Dimensions / weights

Length	2,228 mm
Width (incl. mirrors)	856 mm
Height (excl. mirrors)	1,095 mm
Seat height, unladen weight	820 mm (low seat: 790 mm)
Inner leg curve, unladen weight	1,810 mm (low seat: 1,750 mm)
Unladen weight, road ready, fully fuelled 1)	237 kg

Dry weight 2)	211 kg
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Permitted total weight	450 kg
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Payload (with standard equipment)	213 kg
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Usable tank volume	19 l
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Reserve	approx. 4.0 l

- 1) According to guideline 93/93/EWG with all fluids, fuelled with at least 90% of usable tank volume
2) Unladen weight without fluids