

DATA & EQUIPMENT

THE BMW K 1600 B

The K 1600 B is a synonym for elegance, power and luxury in typical bagger style. Find out about the technical data and extensive equipment here.



TECHNICAL DATA

Engine

Type	Oil/water-cooled, six-cylinder, four-stroke, in-line engine with four valves per cylinder
Bore / stroke	72 mm x 67.5 mm
Capacity	1,649 cc
Rated output	118 kW (160 hp) at 6,750 rpm
Max. torque	180 Nm at 5,250 rpm
Compression ratio	12,2 : 1
Mixture control	Electronic intake pipe injection digital engine management system: BMS-O with throttle-by-wire
Emission control	Closed-loop 3-way catalytic converter, emission standard EU-5

Performance / fuel consumption

Maximum speed	200 km/h 180 km/h with optional equipment floor boards
Fuel consumption per 100 km based on WMTC	5,9 l
CO2 emission based on WMTC	137 g/km
Fuel type	Unleaded super (max. 15 % Ethanol, E15) / ROZ 95 / 90 AKI

Electrical system

Alternator	Three-phase alternator with 700 W (nominal power)
Battery	12 V / 16 Ah, maintenance-free
ECALL	Intelligent Emergency Call

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	Cast aluminium single-sided swing arm with BMW Motorrad Paralever; central spring strut
Suspension travel, front / rear	115 mm / 125 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"
Tyre, front	120/70 ZR 17
Tyre, 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 Pro (part-integral, slant-layer-optimized)

Dimensions / weights

Seat height	750 mm
Inner leg curve	1,760 mm
Usable tank volume	approx. 26.5 l
Reserve	approx. 4 l
Length (over side case)	2,470 mm
Height (at windshield)	1,340 – 1,440 mm
Width (incl. side cases)	1,000 mm
Unladen weight, road ready, fully fuelled	344 kg ¹⁾
Permitted total weight	560 kg
Payload (with standard equipment)	216 kg

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