

Technical data sheets BMW Motorrad

Stand: 27.07.2021
Status: freigegeben

MJ 2022
OF31; OF33

K 1600 GTL

Engine

Type	Oil-/watercooled 4-stroke in-line 6-cylinder engine, two overhead camshafts, four valves per cylinder
Bore / stroke	72 mm x 67,5 mm
Capacity	1.649 cm ³
Rated output	118 kW bei 6.750 1/min
Max. torque	180 Nm bei 5.250 1/min
Compression ratio	12,2 :1
Mixture control	Electronic intake pipe injection
Emission control	digital engine management system: BMS-O with throttle-by-wire
Emission standard	Closed-loop 3-way catalytic converter EU5

Performance / fuel consumption

Maximum speed	over 200 km/h
Fuel consumption per 100 km based on WMTC	5,9 l/100km
CO2 emission based on WMTC	137 g/km
Fuel type	Unleaded super (max. 15 % Ethanol, E15) RON 95 90 AKI

Electrical system

Alternator	three-phase alternator 700 W (nominal power)
Battery	12 V / 16 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	Cast aluminium single-sided swing arm with BMW Motorrad Paralever; central spring strut
Suspension travel, front / rear	115 mm / 135 mm
Wheelbase, normal load with rider	1.618 mm
Castor, normal load with rider	106,4 mm
Steering head angle, unloaded	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	ca. 26,5 l
Reserve	ca. 4 l
Length (over Topcase)	2.489 mm
Height (at windshield and topcase)	1.490 - 1.580 mm
Width (incl. side cases)	1.000 mm
Unladen weight, road ready, fully fuelled 1)	358 kg
Permitted total weight	560 kg
Payload (with standard equipment)	202 kg

Equipment (in parts)

Standard equipment	10,25 inch color TFT display with connectivity and integrated map-navigation (by BMW Motorrad connected app), charging storage for mobile phone (USB-C), fully LED headlight with light icon and adaptive cornering light, double tone fanfare, 4 configurable favorit button cluster, DTC (dynamic traction control), 3 riding modes (RAIN, ROAD and DYNAMIC), MSR (engine brake control), Dynamic ESA next generation (elektronic suspension adjustment with automatic load leveling), HSC Pro (hill start control), RDC (tyre pressure control), heating grips, seat heating, side cases, topcase, audio system (f.e. with DAB+, SAT-radio and sound-profiles)
Optional equipment (OE)	Keyless Ride, central locking system, gear shift assist pro, anti theft alarm, Option 719 wheels, LED auxiliary head lamp, ground-level lighting, engine protection guard, high seat, Option 719 seat, Option 719 classic forged wheels
Optional accessories (OA)	armrest for passenger, liner for topcase and side case, tank bag, sport silencer, chrome parts, low windscreen

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.