

Technical data sheets BMW Motorrad

Stand: 27.07.2021
Status: freigegeben

MJ 2022
OF61; OF63

K 1600 B

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 | 200 km/h |
| Maximum speed with floor boards ^{OE} | 180 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

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|------------|--|
| Alternator | three-phase alternator 700 W (nominal power) |
| Battery | 12 V / 16 Ah, maintenance-free |

Power transmission

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|---------|----------------------------------|
| 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, 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 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 1) | 344 kg |
| Permitted total weight | 560 kg |
| Payload (with standard equipment) | 216 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 (elektronik suspension adjustment with automatic load leveling), HSC Pro (hill start control), RDC (tyre pressure control), heating grips, seat heating, side cases |
| Optional equipment (OE) | Keyless Ride, central locking system, gear shift assist pro, anti theft alarm, audio system (f.e. with DAB+, SAT-radio and sound-profiles), Option 719 wheels, LED auxiliary head lamp, ground-level lighting, engine protection guard, floor boards, Option 719 seat, Option 719 classic forged wheels, centre stand, forged handlebar, low tinted windscreen |
| Optional accessories (OA) | liner for side case, tank bag, chrome parts |

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.