

DATA & EQUIPMENT

THE BMW R 18 CLASSIC

The R 18 Classic brings to mind the icons of our history and the qualities of early touring cruisers. We brought these qualities back to life. Learn all about the technical data and here.



TECHNICAL DATA

Engine

| | |
|--------------------------|--|
| Design | Air/oil cooled twin-cylinder four-stroke boxer engine with two chain-driven camshafts above the crank shaft |
| Bore x stroke | 107.1 mm x 100 mm |
| Capacity | 1,802 cm ³ |
| Nominal capacity | 67 kW (91 hp) at 4,750 rpm |
| Max. torque | 158 Nm at 3,000 rpm |
| Compression ratio | 9.6 :1 |
| Fuel preparation | Electronic intake pipe fuel injection, BMS-K+ electronic engine management with overrun cut-off, twin-spark ignition: BMS-O with e-gas |
| Emission control | Regulated three-way catalytic converter |

Performance / fuel consumption

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| Maximum speed | Over 180 km/h |
| Consumption per 100 km based on the WMTC | 5.6 l/100km |
| CO2 emission based on WMTC | 129 g/km |
| Fuel type | Super plus lead-free (max. 15% ethanol, E15) RON 95 90 AKI |

Electrical system

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| Alternator | Permanent magnet alternator with 660 W (nominal capacity) |
| Battery | 12 V / 26 Ah, maintenance-free |

Power transmission

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| Clutch | Single-disc dry clutch |
| Transmission | 6-speed shifting claw transmission in separate transmission housing |
| Secondary drive | Drive shaft |

Chassis / brakes

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|---|---|
| Frame | Double-cradle tubular steel frame with screwed-on downtubes |
| Front suspension / spring elements | Telescopic fork |
| Rear suspension / spring elements | Steel double-sided swinging arm with central spring strut |
| Suspension travel, front / rear | 120 mm / 90 mm |
| Wheelbase | 1,731 mm |
| Castor | 150 mm |
| Steering head angle | 57.3° |
| Wheels | Spoked wheel |
| Rim dimensions, front | 3.00" x 16" |
| Rim dimensions, rear | 5.00" x 16" |
| Tyre, front | 130/90 B16 |
| Tyre, rear | 180/65 B16 |
| Brake, front | Twin disc brake, diameter 300 mm, 4-piston fixed caliper |
| Brake, rear | Single disc brakes, diameter 300 mm, four-piston fixed calipers |
| ABS | BMW Motorrad Integral ABS (partially integral) |

Dimensions / weights

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|--|----------------------|
| Seat height at kerb weight | 710 mm |
| Rider step length at kerb weight | 1,655 mm |
| Usable tank capacity | approx. 16 l |
| of which is reserve | approx. 4 l |
| Length | 2,440 mm |
| Height (excluding mirrors) | 1,342 mm |
| Height (above windshield, at DIN kerb weight) | 1,397 mm |
| Width (with mirror) | 964 mm |
| Vehicle kerb weight, fully fuelled/road-ready | 365 kg ¹⁾ |
| Max. permitted weight | 560 kg |
| Max. load (with standard equipment) | 195 kg |