

DATA & EQUIPMENT

BMW R 18 ROCTANE

The R 18 Roctane is our coolest touring motorcycle, allowing you to travel extremely casually on long journeys. Despite its rebellious, imposing appearance, the R 18 Roctane is also about perfect functionality and state-of-the-art technical equipment. For you, this means you can enjoy an extremely superior, dynamic riding experience in every situation. Find out all about the technical data and extensive equipment here.



TECHNICAL DATA

Engine

Rated output	67 kW (91 hp) at 4,750 rpm
Emission control	Closed-loop 3-way catalytic converter
Type	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 cc
Max. torque	158 Nm at 3,000 rpm
Compression ratio	9.6 : 1
Mixture control	Electronic intake pipe injection / digital engine management system: BMS-O with throttle-by-wire
Exhaust emission standards	EU 5

Performance / fuel consumption

Maximum speed	Over 180 km/h
Fuel consumption per 100 km based on WMTC	5.6 l
Fuel type	Super unleaded (max. 15% ethanol, E15), 95 ROZ/RON, 90 AKI
CO2 emission based on WMTC	129 g/km

Electrical system

Alternator	Permanent magnet alternator with 600 W (nominal power)
Battery	12 V / 26 Ah, maintenance-free

Power transmission

Clutch	Single-disc dry clutch
Gearbox	Claw-shifted 6-gear gearbox with separate transmission housing
Drive	Cardan

Chassis / brakes

Frame	Double loop steel frame with bolted beams
Front wheel location / suspension	Telescopic fork, diameter 49 mm
Rear wheel location / suspension	Steel twin-sided swing arm, central spring strut
Suspension travel, front / rear	120 mm / 90 mm
Wheels	Aluminium cast wheels
Brake, front	Twin disc brake, diameter 300 mm, 4-piston fixed caliper
Brake, rear	Single disc brake, diameter 300 mm, 4-piston fixed caliper
ABS	BMW Motorrad Integral ABS (fully integral)

Dimensions / weights

Seat height at unladen weight	720 mm
Usable tank volume	approx. 16 l
Reserve	approx. 4 l
Permitted total weight	560 kg
Payload (with standard equipment)	181 kg