

DATA & EQUIPMENT

THE BMW F 800 GS

The BMW F 800 GS is your companion for spontaneous excursions with friends or alone. With its numerous features and innovative new additions, the motorbike is a perfect all-rounder, which can take you on a journey of discovery whenever the fancy takes you. Find out all about the technical data and the standard equipment here.



TECHNICAL DATA

Engine

Rated output	64 kW (87 hp) at 6.750 rpm, OE power reduction: 35 kW (48 hp) at 5.500rpm
Emission control	Closed-loop 3-way catalytic converter
Type	Water-cooled, 2-cylinder, four-stroke engine with four cam-operated valves per cylinder, two overhead camshafts and dry-sump lubrication
Bore x stroke	86 mm x 77 mm
Capacity	895 cc
Max. torque	91 Nm at 6,750 rpm, power reduction: 70 Nm at 4,500 rpm
Compression ratio	13.3 : 1
Mixture control	Electronic intake pipe injection / digital engine management system: BMS-X with throttle-by-wire
Exhaust emission standards	EU 5

Performance / fuel consumption

Maximum speed	190 km/h (OE output reduction 35 kW: 161 km/h)
Fuel consumption per 100 km based on WMTC	4.3 l
Fuel type	Super unleaded (max. 15% ethanol, E15), 95 ROZ/RON, 90 AKI

Electrical system

Alternator	Permanent magnet alternator with 420 W (nominal power)
Battery	12 V / 9 Ah, maintenance-free

Power transmission

Clutch	Multiplate clutch in oil bath, anti-hopping clutch
Gearbox	Claw-shifted 6-speed gearbox integrated in the transmission housing
Drive	Endless X-ring chain, jerk damping in the rear hub

Chassis / brakes

Frame	Bridge-type frame, steel shell construction
Front wheel location / suspension	Telescopic fork, diameter 41 mm
Rear wheel location / suspension	Aluminum twin-sided swingarm, central spring strut, rebound damping adjustable
Suspension travel, front / rear	190 mm / 200 mm
Wheelbase	1,556 mm
Castor	106.1 mm
Steering head angle	63°
Wheels	Aluminium cast wheels
Rim, front	2.50 x 19"
Rim, rear	4.25 x 17"
Tyre, front	110/80 R19
Tyre, rear	150/70 R17
Brake, front	Twin disc brake, floating brake discs, diameter 305 mm, 2-piston floating caliper
Brake, rear	Single disc brake, diameter 265 mm, 1-piston floating caliper
ABS	BMW Motorrad ABS

Dimensions / weights

Seat height at unladen weight	815 mm (lowering: 760 mm; seat extra low: 780 mm; seat low: 790 mm; comfort seat: 830 mm; rallye seat: 845 mm)
Inner leg curve at unladen weight	1,830 mm (lowering: 1,730 mm; seat extra low: 1,770 mm; seat low: 1,790 mm; comfort seat: 1,870 mm; rallye seat: 1,890 mm)
Usable tank volume	15 l
Reserve	approx. 4 l
Length	2,296 mm (over license plate holder)
Height	1,225 mm (above windshield, at DIN unladen weight)
Width	910 mm (without accessories)
Unladen weight, road ready, fully fuelled	227 kg ¹⁾
Permitted total weight	440 kg
Payload (with standard equipment)	213 kg

1) According to Guideline (EU) 168/2013 with all operating fluids, with standard equipment and refuelled with min. 90% of the usable fuel tank capacity.