

Technical data sheets BMW Motorrad

Date: 04.05.2018
Status: approved

MY 2019

F 750 GS

Engine

Type	Water-cooled 4-stroke in-line two-cylinder engine, four valves per cylinder, two overhead camshafts, dry sump lubrication
Bore / stroke	84 mm x 77 mm
Capacity	853 cc
Rated output	57 kW (77 hp) at 7,500 rpm OE output reduction to 35 kW (48 hp) at 6,500 rpm
Max. torque	83 Nm at 6,000 rpm OE output reduction: 63 Nm at 4,500 rpm
Compression ratio	12.7 : 1
Mixture control	Electronic injection
Emission control	Closed-loop 3-way catalytic converter, emission standard EU-4

Performance / fuel consumption

Maximum speed	190 km/h
Fuel consumption per 100 km based on WMTC	4,1 l
CO ₂ emission based on WMTC	98 g/km
Fuel type	Unleaded regular, minimum octane number 91 (RON)

Electrical system

Alternator	permanent magnetic alternator 416 W (nominal power)
Battery	12 V / 10 Ah, maintenance-free

Power transmission

Clutch	Multiple-disc wet clutch (anti hopping), mechanically operated
Gearbox	Constant mesh 6-speed gearbox integrated in crankcase
Drive	Endless O-ring chain with shock damping in rear wheel hub

Chassis / brakes

Frame	Bridge-type frame, steel shell construction
Front wheel location / suspension	Telescopic fork, \varnothing 41 mm
Rear wheel location / suspension	Cast aluminium dual swing arm, central spring strut, spring pre-load hydraulically adjustable, rebound damping adjustable
Suspension travel, front / rear	170 mm / 170 mm (OE: suspension lowering kit 150 mm / 150 mm)
Wheelbase	1,559 mm
Castor	104.5 mm
Steering head angle	63°
Wheels	Cast aluminium 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	Dual disc brake, floating brake discs, \varnothing 305 mm, double-piston floating caliper
Brake, rear	Single disc brake, \varnothing 265 mm, single-piston floating caliper
ABS	BMW Motorrad ABS (disengageable)

Dimensions / weights

Seat height	815 mm (OE suspension lowering kit: 770 mm, OE low seat: 790 mm, OE comfort seat: 830 mm)
Inner leg curve	1,830 mm (OE suspension lowering kit: 1,750 mm, OE low seat: 1,790 mm, OE comfort seat: 1,870 mm)
Usable tank volume	15 l
Reserve	approx. 3.5 l
Length	2,255 mm
Height (excl. mirrors)	1,225 mm
Width (incl. mirrors)	922 mm
Unladen weight, road ready, fully fuelled 1)	224 kg
Permitted total weight	440 kg
Payload (with standard equipment)	216 kg

Equipment (in parts)

Standard equipment	BMW Motorrad ABS, ASC (Automatic Stability Control), Riding modes Rain / Road, On-board computer Pro, LED headlight, LED tail light, 12 V power socket, adjustable handbrake lever and clutch lever
Optional equipment (OE)	Dynamic ESA (Electronic Suspension Adjustment), DTC (Dynamic Traction Control), Riding modes Pro (Dynamic / Enduro), LED daytime running light, Connectivity incl. 6.5" full color TFT display, Gear shift assistant Pro, Keyless Ride, RDC (tyre pressure control)
Optional accessories (OA)	Vario luggage system, tank bag, bag for pillion seat, hand protectors, engine guard, adjustable foot brake and gear lever, handle bar risers, BMW Motorrad Navigator

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.