

Technical data for the BMW R 1200 GS Adventure.

BMW R 1200 GS Adventure (77 kW)		
Engine		
Capacity	cm ³	1170
Bore/lift	mm	101/73
Power	kW/PS	77/105
at engine speed	min ⁻¹	7500
Torque	Nm	115
at engine speed	min ⁻¹	5 750
Design		Boxer
No. of cylinders		2
Compression/fuel		12.0/S
Valve/gas control		HC (high camshaft)
Valves per cylinder		4
Diam. inlet/outlet	mm	36/31
Throttle valve diameter	mm	47
Mixture preparation		Electronic manifold injection BMS-KP
Exhaust purification		Regulated three-way catalyst
Electrical systems		
Generator	W	720
Battery	V/Ah	12/14 maintenance-free
Headlights	W	H7
Starter	kW	1,1
Power transmission/gears		
Clutch		Single-disc dry coupling Ø 180 mm
Gears		dog-coupled six-gear transmission
Primary transmission		1,737
Transmission, gear stages		2,375
	II	1,646
	III	1,296
	IV	1,065
	V	0,939
	VI	0,848
Rear wheel drive		Cardan shaft
Transmission		
Frame		
Frame design		Steel tubular frame, carrying the engine
Front wheel suspension		BMW Telelever
Rear wheel suspension		BMW Paralever
Spring travel front/rear	mm	210/220
Castor	mm	97.6
Wheel spacing	mm	1511
Headset angle	°	63,8
Brakes	front	Double disc brake, Ø 305 mm
	rear	Single disc brake Ø 265 mm
		if required: BMW Motorrad Integral ABS (partly integral, can be switched off)
Wheels		Spoked wheel
	front	2,5 x 19
	rear	4,0 x 17
Tyres	front	110/80 R 19
	rear	150/70 R 17
Dimensions and weights		
Total length	mm	2 250
Total width with mirrors	mm	980
Handlebar width without mirror	mm	950
Seat height	mm	915/895
Dry weight	kg	223
DIN tare, full tank	kg	256
Perm. total weight	kg	475
Tank capacity	l	33
Travel data		
Fuel consumption	90 km/h	l/100 km
	120 km/h	l/100 km
Acceleration	0–100 km/h	s
Maximum speed		km/h
		>200