

6. Technical specifications.



BMW R 1200 GS Adventure		
Engine		
Displacement	cc	1170
Bore/stroke	mm	101/73
Output	kW/hp	92/125
at	rpm	7750
Torque	Nm	125
at	rpm	6500
Type	air/water-cooled twin-cylinder boxer engine	
No. of cylinders	2	
Compression/fuel	12.5:1, premium unleaded (95 RON)	
Valve actuation	DOHC	
Valves per cylinder	4	
Ø Intake/outlet	mm	40/34
Ø Throttle valve	mm	52
Carburetion	BMS-X	
Emission control	closed-loop 3-way catalytic converter	
Electrical system		
Alternator	W	540
Battery	V/Ah	12/12 maintenance-free
Headlight	W	H7/LED (SA)
Starter	kW	0.9
Power transmission - gearbox		
Clutch	anti-hopping wet clutch	
Gearbox	constant mesh 6-speed gearbox	
Primary ratio	1.65	
Transmission ratios	I	2.438
	II	1.714
	III	1.296
	IV	1.059
	V	0.943
	VI	0.848
Rear wheel drive	cardan shaft	
Transmission ratio	2.91	
Chassis		
Frame construction type	tubular steel bridge frame, engine self-supporting	
Suspension, front	BMW Telelever	
Suspension, rear	BMW EVO Paralever	
Spring travel, front/rear	mm	210/220
Wheel castor	mm	92.7
Wheelbase	mm	1 510
Steering head angle	°	65.5
Brakes	front	hydraulically actuated twin-disc brake, Ø 305 mm
	rear	single-disc brake Ø 276 mm
ABS	BMW Motorrad Integral ABS (standard, part integral, disengageable)	

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Wheels		cross-spoke wheels
	front	3.0 x 19"
	rear	4.5 x 17"
Tyres	front	120/70 R19
	rear	170/60 R17
Dimensions and weights		
Total length	mm	2 255
Total width with mirrors	mm	980
Seat height	mm	890/910
DIN unladen weight, road ready	kg	260
Permitted total weight	kg	480
Fuel tank capacity	l	30
Performance figures		
Fuel consumption		
90 km/h	l/100 km	4.3
120 km/h	l/100 km	5.9
Acceleration		
0–100 km/h	s	3.75
Maximum speed	km/h	>200