

Technical data for the BMW R 1200 GS.

| BMW R 1200 GS (77 kW) | | | |
|----------------------------------|-------------------|----------|--|
| Engine | | | |
| Capacity | cm ³ | | 1170 |
| Bore/lift | mm | | 101/73 |
| Power | kW/HP | | 77/105 |
| at engine speed | min ⁻¹ | | 7500 |
| Torque | Nm | | 115 |
| at engine speed | min ⁻¹ | | 5750 |
| Design | | | Boxer |
| No. of cylinders | | | 2 |
| Compression/fuel | | | 12,0/S |
| Valve/gas control | | | HC (high camshaft) |
| Valves per cylinder | | | 4 |
| Diameter inlet/outlet | mm | | 36/31 |
| Throttle valve diameter | mm | | 47 |
| Mixture preparation | | | BMS-KP |
| Exhaust purification | | | Regulated three-way catalytic converter |
| 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 clutch Ø 180 |
| Gears | | | dog-coupled six-gear transmission |
| Primary transmission | | | 1,737 |
| Transmission, gear stages | I | | 2,375 |
| | II | | 1,646 |
| | III | | 1,296 |
| | IV | | 1,065 |
| | V | | 0,439 |
| | VI | | 0,848 |
| Rear wheel drive | | | Cardan shaft |
| Transmission ratio | | | 2,91 |
| Frame | | | |
| Frame design | | | Steel tubular frame, carrying engine |
| Front wheel suspension | | | BMW Telelever |
| Rear wheel suspension | | | BMW Paralever |
| Spring travel front/rear | mm | | 190/200 |
| Castor | mm | | 101 |
| Wheel spacing | mm | | 1507 |
| Headset angle | ° | | 64,3 |
| 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 | | | Cast wheel, or spoked wheel on request |
| | 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 | | 2210 |
| Total width with mirrors | mm | | 940 |
| Handlebar width without mirrors | mm | | 930 |
| Seat height | mm | | 850/870 |
| Empty weight, filled with petrol | kg | | 229 |
| Perm. total weight | kg | | 440 |
| Tank capacity | l | | 20 |
| Travel data | | | |
| Fuel consumption | 90 km/h | l/100 km | 4,3 |
| | 120 km/h | l/100 km | 5,5 |
| Acceleration | 0–100 km/h | s | 3,3 |
| Maximum speed | | km/h | >200 |