

## General information

<b>Model:</b>	BMW K 1200 S
<b>Year:</b>	2006
<b>Category:</b>	Sport
<b>Rating:</b>	78.2 out of 100. <a href="#">Show full rating and compare with other bikes</a>

## Engine and transmission

<b><u>Displacement:</u></b>	1157.00 ccm (70.60 cubic inches)
<b>Engine type:</b>	In-line four
<b>Stroke:</b>	4
<b>Power:</b>	164.94 <u>HP</u> (120.4 <u>kW</u> ) @ 10250 <u>RPM</u>
<b><u>Torque:</u></b>	130.00 <u>Nm</u> (13.3 <u>kgf-m</u> or 95.9 <u>ft.lbs</u> ) @ 8250 <u>RPM</u>
<b><u>Compression:</u></b>	13.0:1
<b><u>Bore x stroke:</u></b>	79.0 x 59.0 mm (3.1 x 2.3 inches)
<b>Fuel system:</b>	Injection. Electronic intake pipe injection / digital engine management including knock sensor (BMS-K)
<b><u>Valves per cylinder:</u></b>	4
<b>Cooling system:</b>	Liquid
<b>Gearbox:</b>	6-speed
<b>Transmission type final drive:</b>	Shaft drive (cardan)
<b>Clutch:</b>	Multiple-disc clutch in oil bath, hydraulically operated
<b>More details</b>	Consult a <a href="#">BMW repair manual</a> .

## Physical measures

<b>Dry weight:</b>	226.5 kg (499.3 pounds)
<b>Weight incl. oil, gas, etc:</b>	248.0 kg (546.7 pounds)
<b>Seat height:</b>	820 mm (32.3 inches) If adjustable, lowest setting.
<b>Overall height:</b>	1,211 mm (47.7 inches)
<b>Overall length:</b>	2,182 mm (85.9 inches)
<b>Overall width:</b>	905 mm (35.6 inches)
<b><u>Wheelbase:</u></b>	1,571 mm (61.9 inches)

### Chassis and dimensions

<b>Frame type:</b>	Bridging frame, die-cast aluminium, load bearing engine
<b>Rake (fork angle):</b>	29.0°
<b>Trail:</b>	112 mm (4.4 inches)
<b>Front <u>suspension</u>:</b>	BMW Motorrad Duolever
<b>Front <u>suspension</u> travel:</b>	115 mm (4.5 inches)
<b>Rear <u>suspension</u>:</b>	Die-cast aluminium single-sided swinging arm with BMW Motorrad Paralever
<b>Rear <u>suspension</u> travel:</b>	135 mm (5.3 inches)
<b>Front tyre dimensions:</b>	120/70-ZR17
<b>Rear tyre dimensions:</b>	190/50-ZR17
<b>Front brakes:</b>	Double disc
<b>Front brakes diameter:</b>	320 mm (12.6 inches)
<b>Rear brakes:</b>	Single disc
<b>Rear brakes diameter:</b>	265 mm (10.4 inches)
<b>Speed and acceleration</b>	
<b>Power/weight ratio:</b>	0.7282 HP/kg
<b>Other specifications</b>	
<b>Fuel consumption pr. 10 km (6.2 miles):</b>	4.70 litres (1.24 gallons)