

2005 BMW K1200S



SPECIFICATIONS AND PERFORMANCE DATA

ENGINE

Type: ...Liquid-cooled, transverse four-Valvetrain:DOHC
4 valves per cyl., shim adjusted
Size:1157cc
Bore/stroke:79.0mm x 59.0mm
Comp. ratio:13.0:1
Fuel system:BMS-K sequential electronic fuel injection
Exhaust:4-1 with catalyst

DRIVETRAIN

Transmission:6-speed
Final drive:Paralever shaft drive,
RPM @ 65 mph*/redline..3900/10,750
(*actual, not indicated)

DIMENSIONS

Wheelbase:61.8"
Rake/trail29.4°/4.4"
Ground clearance:5.5"
Seat height :32.0"
GVWR:992 lbs.
Wet weight:559.5 lbs.
Carrying capacity:432.5 lbs.

SUSPENSION

Front:Duolever, with monoshock (non-adjustable), or optional Electronic Suspension Adjustment (ESA: adjustable front preload and compression damping) 4.5" travel
Rear:Monoshock w/remote preload adjuster, adj. rebound damping, or ESA with adjustable preload, compression and rebound damping 5.3" travel

BRAKES

Front:dual 320mm floating discs w/optional partially integrated Integral ABS, four-piston, dbl.-action calipers
Rear: 265mm disc w/optional partially integrated Integral ABS, twin-piston, double-action caliper

TIRES & WHEELS

Front:120/70-ZR17 Metzeler Sportec M-1 on 3.50" x 17" wheel
Rear:190/50-ZR17 MetzelerSportec M-1 on 6.00" x 17" wheel

ELECTRICS

Battery:12V, 14AH
Ignition:digital-mapped with throttle position sensor
Headlight:triple H7 55W (two low, one high)

FUEL

Tank capacity:5.0 gal.
Octane required91 (R+M/2)
High/low/avg. mpg:59.9/38.2/49.4



PERFORMANCE

Measured top speed172.2 mph
0-1/4 mile10.47 sec.
@ 135.07 mph
0-60 mph3.17 sec.
0-100 mph6.30 sec.
60-0 mph120.9'
Power to Weight Ratio1:4.15
Speed @ 65 mph (indicated)62.3

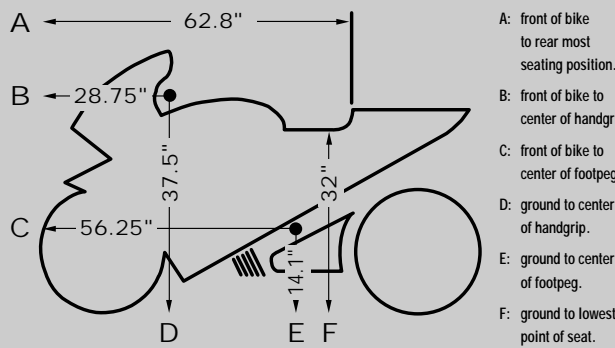
M/C RATING SYSTEM

EXCELLENT
VERY GOOD
GOOD
FAIR
POOR

Open Sportbike

Engine	●●●●○
Transmission	●●●●○
Suspension (std.)	●●●●●
Brakes	●●●●○
Handling	●●●●●
Styling	●●●●●
Riding Impression	●●●●●
Instruments/Controls	●●●●○
Attention to Detail	●●●●●
Value	●●●●○
OVERALL RATING	●●●●●

ERGONOMICS TEMPLATE



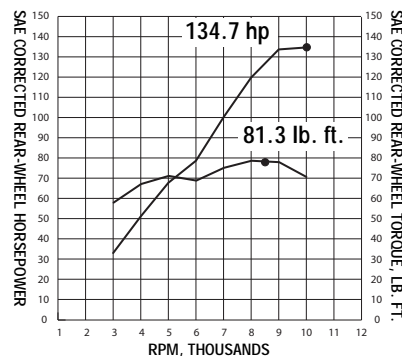
MISCELLANEOUS

Instruments: speedo, tach, odo, two trips, distance to empty, coolant temp., fuel level, clock, ESA display
Indicators: hi-beam, t/s, neutral, gear, ABS, battery, oil pressure, low fuel
MSRP:\$15,750
As tested, \$17,980 (ESA \$750, heated grips \$200, ABS \$995, tank bag \$285)
Valve adj. interval:12,000 mi.
Routine maint. interval:6,000 mi.
Warranty:36 mo., or 36,000 miles.
Colors: Granit Gray Metallic, Indigo Blue Metallic, Optional (+\$590) Indigo Blue/Alpine White, Sun Yellow, White Aluminum/Dark Graphite

DYNAMOMETER DATA

Low end ●●●●●
Mid-range ●●●●○
Top end ●●●●○

Its fuel injection problems cured, the K1200S motor makes a near perfect sport-touring powerplant, running very cleanly and steadily from just above idle to 10,750. Counter-balanced, unlike most fours, it's very smooth across the rev range, too.



TEST NOTES

PICKS

- Duolever fork provides anti-dive and a great ride
- ESA suspension option is an irresistible enhancement
- Exceptional aerodynamics + a great seat=long term comfort

PANS

- Slight lag in brake pad release
- No centerstand
- Optional saddlebags are quite small

STANDARD MAINTENANCE

Item	Time	Parts	Labor
Oil & Filter	0.6	\$12.19 + \$15	\$36.00
Air Filter	0.8	\$14.79	\$48.00
Valve Adjust	4.0	\$86.50	\$240.00
Battery Access	0.2	MF	\$12.00
Final Drive	0.0	n/a	\$0.00
R/R Rear Whl.	0.2		\$12.00
Change Plugs	1.0	\$44.76	\$60.00
Synch EFI	0.0	n/a	\$0.00
Totals	6.80	\$158.24	\$408.00