

BRUTALE

1090RR

ENGINE

Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C", radial valve
Total displacement	1078 cm ³ (65.78 cu. in.)
Compression ratio	13:1
Starting	Electric
Bore x stroke	79 mm x 55 mm (3.1 in. x 2.2 in.)
Max. power - r.p.m. (at the crankshaft)**	116.5 kW (158 hp) at 11900 r.p.m.
Max. torque - r.p.m.	100 Nm (10.2 kgm) at 10100 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Magneti Marelli IAW 5SM ignition - injection integrated system with Mikuni throttle body; induction discharge electronic ignition; sequential timed "Multipoint" electronic injection
Clutch	Wet, multi-disc with mechanical anti-surgurging device
Transmission	Cassette style; six speed, constant mesh
Primary drive	50/79
Gear ratio	
First gear: Speed	13/38
Second gear: Speed	16/34
Third gear: Speed	18/32
Fourth gear: Speed	20/30
Fifth gear: Speed	22/29
Sixth gear: Speed	19/23
Final drive ratio	15/43

ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	350 W at 5000 r.p.m.
Battery	12 V - 8.6 Ah

DIMENSIONS AND WEIGHT

Wheelbase	1438 mm (56.61 in.)
Overall length	2100 mm (82.68 in.)
Overall width	780 mm (30.71 in.)
Saddle height	830 mm (32.68 in.)
Min. ground clearance	150 mm (5.91 in.)
Trail	103,5 mm (4.07 in.)
Dry weight	183 kg (403.5 lbs)
Fuel tank capacity	23 l (6.07 U.S. gal.)

PERFORMANCE

Maximum speed*	265.0 km/h (164.5 mph)
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FRAME

Type	CrMo Steel tubular trellis ALS
Rear swing arm pivot plates material	Aluminium alloy

FRONT SUSPENSION

Type	Marzocchi "UPSIDE - DOWN" telescopic hydraulic fork with rebound-compression damping and spring preload external and separated adjustment
Fork dia.	50 mm (1.97 in.)
Fork travel	130 mm (5.12 in.)

REAR SUSPENSION

Type	Progressive, Sachs single shock absorber with rebound and compression (High speed/Low speed) damping and spring preload adjustment
Single sided swing arm material	Aluminium alloy
Wheel travel	120 mm (4.72 in.)

BRAKES

Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and aluminium flange
Front brake caliper	Brembo Radial-type, monobloc with 4 pistons Ø 34 mm (Ø 1.34 in.)
Rear brake	Single steel disc with Ø 210 mm (Ø 8.27 in.) dia.
Rear brake caliper	Nissin with 4 pistons - Ø 25.4 mm (Ø 1.00 in.)

WHEELS

Front: Material/size	Aluminium alloy 3,50 " x 17 "
Rear: Material/size	Aluminium alloy 6,00 " x 17 "

TYRES

Front	120/70 - ZR 17 M/C (58 W)
Rear	190/55 - ZR 17 M/C (75 W)

FAIRING

Material	Thermoplastic
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* Top speed attained on closed course.

** Limited power versions available on demand.

Every country could have a price variation due to local import duties and taxes.



METALLIC GOLD/ PEARL WHITE

PASTEL RED/SILVER

METALLIC BLUE/ PEARL WHITE