

R4

ENGINE

Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C.", radial valve
Total displacement	998 cm ³ (60.9 cu. in.)
Compression ratio	13.1:1
Starting	Electric
Bore x stroke	76 mm x 55 mm (3.0 in. x 2.2 in.)
Max. horse power - r.p.m. (at the crankshaft)	137 kW (186 HP) at 12900 r.p.m. Lim. 13500 r.p.m.
Max. torque - r.p.m.	114 Nm (11.4 kgm) at 9500 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Magneti Marelli IAW 7BM ignition - injection integrated system with Mikuni throttle body; induction discharge electronic ignition; Sequential timed "Multipoint" electronic injection; Variable height intake ducts with Torque Shift System (TSS)
Clutch	Wet, multi - disc
Gear Box	Cassette gearbox; six speed, constant mesh
Primary drive	50/79
Gear ratio	
First gear: Speed*	14/37 137,4 km/h (85.3 mph) at 13500 r.p.m.
Second gear: Speed*	16/33 176,0 km/h (109.3 mph) at 13500 r.p.m.
Third gear: Speed*	18/31 210,8 km/h (130.9 mph) at 13500 r.p.m.
Fourth gear: Speed*	20/30 242,0 km/h (150.3 mph) at 13500 r.p.m.
Fifth gear: Speed*	22/29 275,4 km/h (171.0 mph) at 13500 r.p.m.
Sixth gear: Speed*	21/25 305,0 km/h (189.4 mph) at 13500 r.p.m.
Final velocity ratio	15x41

ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	350 W at 5000 r.p.m.
Battery	12 V - 8,6 Ah

DIMENSIONS AND WEIGHT

Wheelbase	1430 mm (56.27 in.)
Overall length	2100 mm (82.63 in.)
Overall width	750 mm (29.51 in.)
Saddle height	830 mm (32.68 in.)
Min. ground clearance	115 mm (4.52 in.)
Trail	100,4 mm (3.93 in.)
Dry weight	192 Kg (423 lbs.)
Fuel tank capacity	17 l (4.49 U.S. gal.)

PERFORMANCE

Maximum speed*	305,0 km/h (189.4 mph)
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FRAME

Type	CrMo Steel tubular trellis (TIG welded)
Rear swing arm pivot plates: material	Aluminium alloy

FRONT SUSPENSION

Type	"UPSIDE - DOWN" telescopic hydraulic fork with rebound compression damping and spring preload external and separate adjustment
Rod dia.	50 mm (1.97 in.)
Travel on leg axis	120 mm (4.72 in.)

REAR SUSPENSION

Type	Progressive, 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 band and aluminium flange
Front brake caliper	Radial-type, single-piece with 4 pistons Ø 34 mm (Ø 1.34 in.)
Rear brake	Single steel disc with Ø 210 mm (Ø 8.27 in.) diameter
Rear brake caliper	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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TITANIUM GREY/ADMIRAL GREY

PASTEL RED/METALLIC SILVER

GLOSS BLACK/MATT BLACK

* Top speed attained on closed course.