



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	13.4:1
Starting	Electric
Bore x stroke	79 mm x 50.9 mm (3.1 in. x 2.0 in.)
Max. horse power - r.p.m. (at the crankshaft)	147.7 kW (200 HP) at 13400 r.p.m.
Full power version	Lim. 13700 r.p.m.
Restricted power version	73 kW (100 HP) at 9200 r.p.m.
	Lim. 10800 r.p.m.
Max. torque - r.p.m.	
Full power version	114 Nm (11.4 kgm) at 9200 r.p.m.
Restricted power version	89 Nm (9.0 kgm) at 5800 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 with mechanical anti-surfing device and Brembo radial master cylinder
Gear Box	Cassette gearbox; six speed, constant mesh
Primary drive	48/82
Gear ratio (Full power version)	
First gear: Speed*	14/37 134.1 km/h (83.3 mph) at 13700 r.p.m.
Second gear: Speed*	16/33 171.8 km/h (106.7 mph) at 13700 r.p.m.
Third gear: Speed*	18/31 205.8 km/h (127.8 mph) at 13700 r.p.m.
Fourth gear: Speed*	20/30 236.3 km/h (146.7 mph) at 13700 r.p.m.
Fifth gear: Speed*	22/29 268.9 km/h (167.0 mph) at 13700 r.p.m.
Sixth gear: Speed*	21/25 297.6 km/h (184.8 mph) at 13700 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 (32.66 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.)

* Top speed attained on closed course.

PERFORMANCE

Maximum speed*	Full power version 297.6 km/h (184.8 mph)
	Restricted power version 249.0 km/h (154.6 mph)

FRAME

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

FRONT SUSPENSION

Type	"UPSIDE - DOWN" Öhlins telescopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment
Rod dia.	43 mm (1.69 in.)
Travel on leg axis	120 mm (4.72 in.)

REAR SUSPENSION

Type	Öhlins TTX Progressive, single shock absorber with rebound and compression 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 Brembo radial master cylinder
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	Forged aluminium alloy 3,50 " x 17 "
Rear: Material / size	Forged 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
----------	---------------

CONTENTS

Steering damper	Öhlins - Adjustable damping
Rider's footrests	Adjustable height



MATT PEARL WHITE

PASTEL RED/WHITE

All illustrations and specifications illustrated in this brochure are based on the latest production information available at the time of printing. We reserve the right to modify materials, colors and other characteristics of the motorcycles without prior notice.