

BRUTALE

ENGINE

| | |
|---|---|
| Type | Four cylinder, 4 stroke, 16 valve |
| Timing system | "D.O.H.C", radial valve |
| Total displacement | 921 cm ³ (56.2 cu. in.) |
| Compression ratio | 13:1 |
| Starting | Electric |
| Bore x stroke | 73,0 mm x 55,0 mm (2.87 in. x 2.17 in.) |
| Max. horse power - r.p.m. (at the crankshaft) | |
| Full power version | 96 kW (129 HP) at 10500 r.p.m. Lim. 11600 r.p.m. |
| Restricted power version | 72 kW (97 HP) at 10500 r.p.m. Lim. 11600 r.p.m. |
| Max. torque - r.p.m. | |
| Full power version | 95 Nm (9.5 kgm) at 8100 r.p.m. |
| Restricted power version | 87 Nm (8.7 kgm) at 5500 r.p.m. |
| Cooling system | Cooling with separated liquid and oil radiators |
| Engine management system | Magneti Marelli 5SM ignition - injection integrated system with Mikuni throttle body; induction discharge electronic ignition; sequential timed "Multipoint" electronic injection |
| Clutch | Wet, multi - disc |
| Gear Box | Cassette gearbox; six speed, constant mesh |
| Primary drive | 50/79 |
| Gear ratio (full power version) | |
| First gear: Speed* | 13/38 109.7 km/h (68.1 mph) at 11600 r.p.m. |
| Second gear: Speed* | 16/34 150.8 km/h (93.6 mph) at 11600 r.p.m. |
| Third gear: Speed* | 18/32 180.3 km/h (111.9 mph) at 11600 r.p.m. |
| Fourth gear: Speed* | 20/30 213.7 km/h (132.7 mph) at 11600 r.p.m. |
| Fifth gear: Speed* | 22/29 243.2 km/h (151.0 mph) at 11600 r.p.m. |
| Sixth gear: Speed* | 19/23 265.0 km/h (164.5 mph) at 11600 r.p.m. |
| Final velocity ratio | 15x40 |

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 (56.30 in.) |
| Overall length | 2045 mm (80.51 in.) |
| Overall width | 775 mm (30.51 in.) |
| Saddle height | 825 mm (32.48 in.) |
| Min. ground clearance | 140 mm (5.51 in.) |
| Trail | 103,5 mm (4.07 in.) |
| Dry weight | 190 Kg (418.9 lbs) |
| Fuel tank capacity | 23 l (6.07 U.S. gal.) |

PERFORMANCE

| | |
|----------------|--|
| Maximum speed* | Full power version 265 km/h (164.5 mph) Restricted power version 245 km/h (152 mph) |
|----------------|--|

FRAME

| | |
|---------------------------------------|--|
| Type | AIS Steel tubular trellis (MAG welded) |
| Rear swing arm pivot plates: material | Aluminium alloy |

FRONT SUSPENSION

| | |
|--------------------|---|
| Type | "UPSIDE - DOWN" telescopic hydraulic fork with external and separated adjustment of rebound and compression damping and of spring preload |
| Rod dia. | 50 mm (1.97 in.) |
| Travel on leg axis | 125 mm (4.92 in.) |

REAR SUSPENSION

| | |
|----------------------------------|---|
| Type | Progressive, single shock absorber with rebound 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 310 mm (Ø 12.2 in.) diameter, with steel braking band and steel flange |
| Front brake caliper | Radial with 4 pistons - Ø 32 mm (Ø 1.26 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 | 180/55 - ZR 17 M/C (73 W) |

FAIRING

| | |
|----------|---------------|
| Material | Thermoplastic |
|----------|---------------|



MATT WHITE

MATT BLACK

* Top speed attained on closed course.

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.