



F3 800



AGO Red/AGO SILVER

E10 UNLEADED GASOLINE WITH UP TO 10% ETHANOL ONLY

ENGINE

Type Three cylinder, 4 stroke, 12 valve
 Timing system "D.O.H.C" with mechanical chain tensioner
 Total displacement 798 cm³ (48.7 cu. in.)
 Compression ratio 13.3:1
 Starting Electric
 Bore x stroke 79 mm x 54.3 mm (3.1 in. x 2.1 in.)
 Max. power - r.p.m. (at the crankshaft) 108 kW (148 hp) at 13.000 r.p.m.
 Max. torque - r.p.m. 88 Nm (8.97 kgm) at 10.600 r.p.m.
 Cooling system Cooling with separated liquid and oil radiators

Engine management system Integrated ignition - injection system MVICS (Motor & Vehicle Integrated Control System) with six injectors Engine control unit Eldor EM2.0, throttle body full ride by wire Mikuni, pencil-coil with ion-sensing technology, control of detonation and misfire Torque control with four maps, Traction Control with eight levels of intervention

Electronic quick shift MV EAS 2.1 (Electronically Assisted Shift Up & Down)

Clutch Wet, multi-disc slipper clutch

Transmission Cassette style; six speed, constant

Primary drive 22/41

Gear ratio
 First gear: 13/37
 Second gear: 16/34
 Third gear: 18/32
 Fourth gear: 19/30
 Fifth gear: 21/30
 Sixth gear: 22/29
 Final drive ratio 17/43

ELECTRICAL EQUIPMENT

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

DIMENSIONS AND WEIGHT

Wheelbase 1380 mm (54.33 in.)
 Overall length 2030 mm (79.92 in.)
 Overall width 730 mm (28.74 in.)
 Saddle height 830 mm (32.68 in.)
 Min. ground clearance 120 mm (4.72 in.)
 Trail 99 mm (3.89 in.)
 Dry weight 173 kg (381.4 lbs.)
 Fuel tank capacity 16,5 l (4.36 U.S. gal.)

PERFORMANCE

Maximum speed* 240.0 km/h (149.1 mph)

FRAME

Type ALS Steel tubular trellis
 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 separate adjustment
 Fork dia. 43 mm (1.69 in.)
 Fork travel 125 mm (4.92 in.)

REAR SUSPENSION

Type Progressive Sachs, single shock absorber with rebound and compression damping and spring preload adjustment
 Single sided swing arm material Aluminium alloy
 Wheel travel 123 mm (4.84 in.)

BRAKES

Front brake Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and 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 220 mm (Ø 8.66 in.) dia.
 Rear brake caliper Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)
 ABS System Bosch 9 Plus with Race Mode and RLM (Rear wheel Lift-up Mitigation)

WHEELS

Front: Material/size Aluminium alloy 3.50 " x 17 "
 Rear: Material/size Aluminium alloy 5.50 " x 17 "

TYRES

Front 120/70 - ZR 17 M/C (58 W)
 Rear 180/55 - ZR 17 M/C (73 W)

FAIRING

Material Thermoplastic - Aluminium belly-pan

EMISSIONS

Environmental Standard Euro 5
 Combined fuel consumption 6.4 l/100 km
 CO₂ Emissions 157 g/km

* Top speed attained on closed course.
 Every country could have a price variation due to local import duties and taxes.