



# F3 800



## ENGINE

Type Three cylinder, 4 stroke, 12 valve  
 Timing system "D.O.H.C" with mechanical chain tensioner  
 Total displacement 798 cm<sup>3</sup> (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

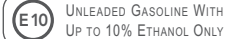
Material Thermoplastic - Aluminium belly-pan

## EMISSIONS

Environmental Standard Euro 4  
 Combined fuel consumption 6.4 l/100 km  
 CO<sub>2</sub> Emissions 157 g/km



AGO Red/AGO SILVER



UNLEADED GASOLINE WITH UP TO 10% ETHANOL ONLY

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