



F3 800 RC + RACING KIT



F3 800 RC – RACING KIT**



METALLIC AVIO GREY/METALLIC CARBON BLACK/AGO RED



UNLEADED GASOLINE WITH UP TO 10% ETHANOL ONLY

* Top speed attained on closed course.
** RACING KIT with SC Exhaust and dedicated ECU Map version
Every country could have a price variation due to local import duties and taxes.

MY 2020 – 06/03/20

ENGINE

Type
Timing system
Total displacement
Compression ratio
Starting
Bore x stroke
Max. power - r.p.m. (at the crankshaft)

Max. torque - r.p.m.
Cooling system

Three cylinder, 4 stroke, 12 valve
"D.O.H.C" with mechanical chain tensioner
798 cm³ (48.7 cu. in.)
13.3:1
Electric
79 mm x 54.3 mm (3.1 in. x 2.1 in.)
108 kW (148 hp) at 13.000 r.p.m.
112.5 kW (153 hp) at 13.250 r.p.m.**
88 Nm (8.97 kgm) at 10.600 r.p.m.
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
Primary drive
Gear ratio

Cassette style; six speed, constant mesh
22/41

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
Alternator
Battery

12 V
350 W at 5000 r.p.m.
12 V – 8.6 Ah

DIMENSIONS AND WEIGHT

Wheelbase
Overall length
Overall width
Saddle height
Min. ground clearance
Trail
Dry weight
Fuel tank capacity

1380 mm (54.33 in.)
2030 mm (79.92 in.)
730 mm (28.74 in.)
830 mm (32.68 in.)
120 mm (4.72 in.)
99 mm (3.89 in.)
173 kg (381.4 lbs.) – 165 kg (363.8 lbs.)**
16,5 l (4.36 U.S. gal.)

PERFORMANCE

Maximum speed*

240.0 km/h (149.1 mph)

FRAME

Type
Rear swing arm pivot plates material

ALS Steel tubular trellis
Aluminium alloy

FRONT SUSPENSION

Type

Marzocchi "UPSIDE DOWN" telescopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment

Fork dia.
Fork travel

43 mm (1.69 in.)
125 mm (4.92 in.)

REAR SUSPENSION

Type

Progressive Sachs, single shock absorber with rebound and compression damping and spring preload adjustment
Aluminium alloy
123 mm (4.84 in.)

Single sided swing arm material
Wheel travel

BRAKES

Front brake

Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange
Brembo radial-type monobloc, with 4 pistons Ø 34 mm (Ø 1.34 in.)
Single steel disc with Ø 220 mm (Ø 8.66 in.) dia.
Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)

Front brake caliper

Rear brake
Rear brake caliper

Bosch 9 Plus with Race Mode and RLM (Rear wheel Lift-up Mitigation)

ABS System

WHEELS

Front: Material/size
Rear: Material/size

Aluminium alloy 3.50 " x 17 "
Aluminium alloy 5.50 " x 17 "

TYRES

Front
Rear

120/70 – ZR 17 M/C (58 W)
180/55 – ZR 17 M/C (73 W)

FAIRING

Material

Thermoplastic – Aluminium belly-pan

Certificate of origin – Limited Edition

RACING KIT** (OPTIONAL)

SC Project exhaust silencer in titanium and carbon - Power unit for SC exhaust silencer carry-over (with special mapping and traction control for race mode) - Anodized aluminum mirror caps kit - Billet aluminum Brake/Clutch levers - Fiber-glass rear seat cover - "Sport" License Plate holder - Rear paddock stand
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EMISSIONS

Environmental Standard
Combined fuel consumption
CO₂ Emissions

Euro 4
6.4 l/100 km
157 g/km

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