



# F3 RR



F3 RR RACING KIT

NEW  
COLOR '23



METALLIC CARBON BLACK (GLOSS)/  
METALLIC DARK GREY (GLOSS)



MATT FIRE RED/MATT METALLIC  
DARK GREY (RACING KIT\*\*)



\* Speed attained on closed course.  
\*\* Racing Kit version, with exhaust and ECU map.

Every country could have a price variation due to local import duties and taxes.

MY 23 - 22/05/23

## ENGINE

Type Three cylinders, 4 stroke, 12 valves  
Timing system "D.O.H.C" with mechanical chain tensioner and DLC tappet

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 - rpm (at the crankshaft) 108 kW (147 hp) at 13.000 rpm  
114 kW (155 hp) at 13.250 rpm\*\*  
Max. torque - rpm 88 Nm (8.98 kgm) at 10.100 rpm

Cooling system Cooling with separated liquid and oil radiators

Engine management system Integrated ignition - injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with six injectors. Engine control unit Eldor Nemo 2.1, throttle body bore 50 mm diameters 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 3.0 (Electronically Assisted Shift Up & Down)

Clutch Wet, multi-disc slipper clutch

Transmission Cassette style; six speed, constant mesh  
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 5.000 rpm  
Battery 12 V - 8.6 Ah

## DIMENSIONS AND WEIGHT

Wheelbase 1.380 mm (54.33 in.)  
Overall length 2.030 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.) - 165 kg (363,8 lbs.)\*\*  
Fuel tank capacity 16,5 l (4.36 U.S. gal.)

## PERFORMANCE

Maximum speed\* 240.0 km/h (149.1 mph)  
Acceleration\* 0-100 km/h in 2.97 s 0-200 km/h in 8.40 s

## FRAME

Type ALS Steel tubular trellis  
Rear swing arm pivot plates material Aluminium alloy

## FRONT SUSPENSION

Type Marzocchi "upside-down" telescopic hydraulic fork with TiN low friction treatment; external compression, rebound and spring preload adjustment

Fork dia. 43 mm (1.69 in.)  
Wheel 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 130 mm (5.12 in.)

## BRAKES

Front brake Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange Brembo Stylema radial-type monobloc, with 4 pistons Ø 30 mm (Ø 1.18 in.)  
Front brake caliper Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)

Rear brake Rear brake caliper

ABS System Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

## 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 - Carbon fiber  
Aluminium belly-pan

## CONTENTS

Titanium components Intake and exhaust valves

Exclusive contents Dashboard TFT 5.5" color display - Cruise control Launch control - FLC (Front Lift Control) Bluetooth - GPS - MV Ride App for navigation mirroring, app-controlled engine, rider aids setup - Mobisat anti-theft system with geolocation

## RACING KIT\*\*

CNC fuel tank cap - Fiberglass passenger seat cover - Akrapovic titanium exhaust silencer (Euro 5, street legal) - ECU with racing map - Carbon fiber silencer cover

## OPTIONAL

The full Special Parts range is available on the MV Agusta website

## EMISSIONS

Environmental Standard Euro 5  
Combined fuel consumption 6.1 l/100 km  
CO<sub>2</sub> Emissions 139 g/km

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# F3 RR



F3 RR DEDICATED KIT

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METALLIC DARK GREY (GLOSS)



MATT FIRE RED/MATT METALLIC  
DARK GREY (SPECIAL PARTS KIT\*\*)

E10

UNLEADED GASOLINE WITH  
UP TO 10% ETHANOL ONLY

\* Speed attained on closed course.

\*\*Special Parts version with optional exhaust and ECU map  
The items have been developed and are intended for  
closed course competition use and racing applications only.

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MY 23 - 22/05/23 USA

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## DEDICATED KIT

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