



Motorcycle Art
SINCE 1945

F3 RR

MY 2023_TECHNICAL DATA



F3 RR



RACING KIT F3 RR

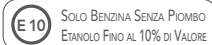
NEW
COLOR '23



NERO CARBON METALLIZZATO/
GRIGIO SCURO METALLIZZATO



ROSSO FUOCO OPACO/GRIGIO SCURO
METALLIZZATO OPACO (RACING KIT**)



SOLO BENZINA SENZA PIOMBO
ETANOLE FINO AL 10% DI VALORE

* Velocità raggiungibile in pista
** Versione Racing Kit con scarico e mappa dedicata.

MY 23 - 16/11/23

MOTORE

Tipo
Distribuzione

Cilindrata totale
Rapporto di compressione
Avviamento
Alesaggio per corsa
Potenza max. a giri/min (all'albero)

Coppia massima giri/min
Raffreddamento
Accensione - Iniezione

Sistema cambio elettronico

Frizione

Cambio velocità

Rapporti primaria
Rapporti cambio

Prima velocità
Seconda velocità
Terza velocità
Quarta velocità
Quinta velocità
Sesta velocità

Rapporto finale di trasmissione

IMPIANTO ELETTRICO

Tensione impianto
Alternatore
Batteria

DIMENSIONI E PESO

Interasse
Lunghezza totale
Larghezza max.
Altezza sella
Altezza min. da terra
Avancorsa
Peso a secco
Capacità serbatoio carburante

PRESTAZIONI

Velocità max.*
Accelerazione*

TELAIO

Tipo
Materiale piastre fulcro forcellone

Tre cilindri, 4 tempi, 12 valvole
Doppio albero a camme in testa, con tenditore meccanico e bicchierini DLC
798 cm³
13,3:1
Elettrico
79 mm x 54,3 mm
108 kW (147 CV) a 13.000 giri/min
114 kW (155 CV) a 13.250 giri/min**

88 Nm (8,98 kgm) a 10.100 giri/min
A liquido e olio con radiatori separati
Sistema integrato di accensione-iniezione MVICS 2.1 (Motor & Vehicle Integrated Control System) con sei iniettori. Centralina di controllo motore Eldor Nemo 2.1; corpo farfallato diametro 50 mm full ride by wire Mikuni; bobine pencil-coil dotate di tecnologia "ion-sensing", controllo della detonazione e misfire. Controllo di coppia con 4 mappe. Traction Control ad 8 livelli di intervento

MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Multidisco in bagno d'olio con dispositivo antisaltellamento meccanico

Estraibile a sei velocità con ingranaggi sempre in presa
22/41

13/37
16/34
18/32
19/30
21/30
22/29
17/43

12 V
350 W a 5.000 giri/min
12 V - 8,6 Ah

1.380 mm
2.030 mm
730 mm
830 mm
120 mm
99 mm
173 kg - 165 kg**
16,5 l

240,0 km/h
0-100 km/h in 2.97 s 0-200 km/h in 8.40 s

Tubolare a traliccio in acciaio ALS
Legna di alluminio

SOSPENSIONE ANTERIORE

Tipo

Ø Steli
Escursione ruota

SOSPENSIONE POSTERIORE

Tipo

Materiale forcellone monobraccio
Escursione ruota

FRENI

Anteriore

Pinza freno anteriore

Posteriore
Pinza freno posteriore

Sistema ABS

CERCHI

Anteriore: Materiale / dimensioni
Posteriore: Materiale / dimensioni

PNEUMATICI

Anteriore
Posteriore

CARROZZERIA

Materiali

CONTENUTI

Componenti in titanio

Contenuti esclusivi

RACING KIT**

OPTIONAL

EMISSIONI

Norma ambientale
Consumo carburante combinato

Forcella Marzocchi oleodinamica a steli rovesciati con trattamento TIN e sistema di regolazione esterno e separato del freno in estensione, in compressione e del precarico molla
43 mm
125 mm

Progressiva, monoammortizzatore Sachs regolabile in estensione, in compressione e nel precarico molla

Legna di alluminio
130 mm

A doppio disco flottante (Ø 320 mm) con fascia frenante e flangia in acciaio Radiale Stylema Brembo monoblocco a 4 pistoncini (Ø 30 mm)

A disco in acciaio (Ø 220 mm) Brembo a 2 pistoncini (Ø 34 mm)

Continental MK100 con RLM (Rear Wheel Lift-up Mitigation) e con funzione cornering

Legna di alluminio 3,50" x 17"
Legna di alluminio 5,50" x 17"

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

Termoplastici - Fibra di carbonio
Sottocarena in alluminio

Valvole aspirazione e valvole scarico

Cruscotto TFT 5.5" con display a colori - Cruise control - Launch control - FLC (Front Lift Control) Collegamento Bluetooth - Sensore GPS MV Ride App per mirroring indicazioni di navigazione, setup elettronico di motore e veicolo Antifurto Mobisat con geolocalizzazione

Tappo serbatoio CNC - Coprisella passeggero in fibra di vetro - Silenziatore Akrapovic in titanio (Euro 5, per uso stradale) - Centralina con mappa racing - Cover silenziatore in carbonio

Visita il nostro sito per conoscere tutta la gamma delle parti speciali disponibili



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 - 16/11/23

ENGINE

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

Total displacement 798 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 - 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 Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

Rear brake caliper Alluminium alloy 3.50" x 17"

ABS System

WHEELS

Front: Material/size Alluminium alloy 3.50" x 17"
Rear: Material/size Alluminium 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
CO₂ Emissions 139 g/km

MV Agusta is committed to the constant improvement of our products. Therefore the information and technical characteristics of the vehicles are subject to change without notice.



F3 RR NORTH AMERICA VERSION



F3 RR DEDICATED KIT

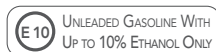
NEW



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



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



* 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 - 16/11/23 USA

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DEDICATED KIT

Fiberglass passenger seat cover - Elegant welcome kit box

SPECIAL PARTS KIT**

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