



Motorcycle Art  
SINCE 1945

# F3 R

MY 2023\_TECHNICAL DATA



# F3 R

NEW GRAPHICS



ROSSO AGO

E 10 SOLO BENZINA SENZA PIOMBO ETANOLICO FINO AL 10% DI VALORE

## 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

Tre cilindri, 4 tempi, 12 valvole  
Doppio albero a camme in testa, con tenditore meccanico e bicchierini DLC  
798 cm<sup>3</sup>  
13,3:1  
Elettrico  
79 mm x 54,3 mm  
108 kW (147 CV) a 13.000 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

Sistema cambio elettronico

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

Frizione

Cambio velocità

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

Rapporti primaria  
Rapporti cambio

Prima velocità 13/37  
Seconda velocità 16/34  
Terza velocità 18/32  
Quarta velocità 19/30  
Quinta velocità 21/30  
Sesta velocità 22/29

Rapporto finale di trasmissione

17/43

## IMPIANTO ELETTRICO

Tensione impianto  
Alternatore  
Batteria

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

## DIMENSIONI E PESO

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

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

## PRESTAZIONI

Velocità max.\*  
Accelerazione\*

240,0 km/h  
0-100 km/h in 3.05 s 0-200 km/h in 9.0 s

## TELAIO

Tipo  
Materiale piastre fulcro forcellone

Tubolare a traliccio in acciaio ALS  
Lega di alluminio

## SOSPENSIONE ANTERIORE

Tipo

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

Ø Steli  
Escursione ruota

43 mm  
125 mm

## SOSPENSIONE POSTERIORE

Tipo

Progressiva, monoammortizzatore Sachs regolabile in estensione, in compressione e nel precarico molla  
Lega di alluminio  
130 mm

Materiale forcellone monobraccio  
Escursione ruota

## FRENI

Anteriore

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

Pinza freno anteriore

Posteriore  
Pinza freno posteriore

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

Sistema ABS

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

## CERCHI

Anteriore: Materiale / dimensioni  
Posteriore: Materiale / dimensioni

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

## PNEUMATICI

Anteriore  
Posteriore

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

## CARROZZERIA

Materiali

Termoplastici - Sottocarena in alluminio

## CONTENUTI

Componenti in titanio

Valvole aspirazione e valvole scarico

Contenuti esclusivi

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

## OPTIONAL

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

## EMISSIONI

Norma ambientale  
Consumo carburante combinato  
Emissioni di CO<sub>2</sub>

Euro 5  
6.1 l/100 km  
139 g/km

\* Velocità raggiungibile in pista  
MY 23 - 13/07/23





# F3 R

## 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  
 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.)  
 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 3.05 s 0-200 km/h in 9.00 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 rebound-compression damping and spring preload external and separate 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

Rear brake 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 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 - Aluminium belly-pan

## CONTENTS

Titanium components Intake and exhaust valves

Exclusive content 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

## 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

NEW GRAPHICS



AGO RED (GLOSS)



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

MY 23 - 13/07/23

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