



F3 RR

MY 2023_TECHNICAL DATA



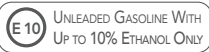
NEW
COLOR '23



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



MATT FIRE RED/
MATT METALLIC DARK GREY



* 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.

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 – r.p.m. (at the crankshaft)	108 kW (147 hp) at 13.000 r.p.m. 114 kW (155 hp) at 13.250 r.p.m.**
Max. torque – r.p.m.	88 Nm (8.98 kgm) at 10.100 r.p.m.
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 r.p.m.
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 aluminium fork with TIN treatment 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
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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 34 mm (Ø 1.34 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	Aluminium alloy 3.50” x 17” Aluminium alloy 5.50” x 17”

ABS System

WHEELS

Front: Material/size	
Rear: Material/size	

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
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CONTENTS

Titanium components	Intake and exhaust valves
Exclusive contents	Dashboard TFT 5.5”color display – Cruise control Launch control – Bluetooth – GPS – MV Ride App for navigation mirroring, app-controlled engine, rider aids setup – Additional CNC rider footpegs (supplied)

RACING KIT**

	CNC fuel tank cap – Fiberglass passenger seat cover – Akrapovic titanium exhaust system (Euro 5, street legal) – Carbon fiber silencer cover ECU with racing map – Mobisat anti-thelf system with geolocation
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OPTIONAL

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

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