



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 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
 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, 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
 CO₂ 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 - 22/05/23

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