



# F3 RR OTTANTESIMO

## 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\*  
 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 2.2, 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 and lean angle sensor

Electronic quick shift MV EAS 3.0 (Electronically Assisted Shift Up & Down)

Clutch Wet, 9-disc, assist and 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.)  
 Mass in running order (without fuel) 192.5 kg (424.39 lbs.) - 184.5 kg (406.75 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  
 43 mm (1.69 in.)  
 125 mm (4.92 in.)

Fork dia.

Wheel travel

## REAR SUSPENSION

Type

Progressive, Sachs single shock absorber with rebound and compression damping and spring preload adjustment

Single sided swing arm material

Aluminium alloy  
 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

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 - Advanced connectivity device "DC2 Connect", integrated anti-theft system with geolocation - Certificate of authenticity

## DEDICATED KIT\*

CNC fuel tank cap - Fiberglass passenger seat cover - Akrapovic titanium exhaust silencer - Carbon fiber silencer cover

## OPTIONAL

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

## EMISSIONS

Environmental Standard

Euro 5+



AGO RED/AGO SILVER



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

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

MY 24 - 28/10/24

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 OTTANTESIMO

## 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 2.2, 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 and lean angle sensor
Electronic quick shift	MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Clutch	Wet, 9-disc assist and 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.)
Mass in running order (without fuel)	192.5 kg (424.39 lbs.) - 184.5 kg (406.75 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	
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.)
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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
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## CONTENTS

Titanium components	Intake and exhaust valves
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## 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 - Certificate of authenticity
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## DEDICATED KIT

Akrapovic titanium exhaust silencer - Carbon fiber silencer cover - Fiberglass passenger seat cover
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## OPTIONAL

The full Special Parts range is available on the MV Agusta website
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AGO RED/AGO SILVER



\*Dedicated kit version with exhaust and ECU map.

\*\*Speed attained on closed course. The items have been developed and are intended for closed course competition use and racing applications only.

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

MY 24 - 28/10/24 USA

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