

**F4RR**



Motorcycle Art

F4RR, power  
without limits.



A record 37 World Championship Titles, an unmistakable look perfectly blending raw aggression with refined elegance, the World's most unique motorcycle brand. There are many "Supersport" motorcycles; but only one F4 RR: the ultimate expression of an MV Agusta Superbike. Stratospheric power mated to an incredibly nimble yet rock-solid chassis. The world's most beautiful motorcycle has never been so powerful yet effective.



**F4 RR**

# State of the art technology

Pure Italian style and performance without compromise.

The MV Agusta F4 RR is the epitome of superbike, the perfection of mechanical engineering taken to a level never before reached on two-wheels.

An engine that rev's like a turbine to never before reached levels of power. The new MV engine employs an extreme bore to stroke ratio that allows it to reach a level of performance never before reached by a four cylinder production motorcycle engine. The new components include the crankshaft, connecting rods, pistons, cylinder and cylinder head. Pushing the limits of mechanical engineering to the extreme; the MV F4 RR reaches a maximum of 201 HP at 13,400 rpm.



The cylinder head of the F4 RR is the maximum expression of thermodynamics in a production superbike. The refined intake and exhaust ports coupled with the ultra-light titanium intake and exhaust valves allow the engine to reach a record level of power. The most advanced engine with the most advanced technology ever applied to a production motorcycle.



The state of the art in chassis design coupled with the most advanced suspension in the world by Öhlins. The racing front fork is multi adjustable in compression, rebound and external spring pre-load. The TTX36 rear shock is simply the best in the world. These components are combined with the ultra light forged wheels for unmatched performance. Form and function have never been this united.



**F4 RR**  
CORSELOTTE



# Personalize your dream.



The MV Agusta F4 RR is unique, but you can make it even more special. Connect to the site [mvagusta.it](http://mvagusta.it) to access the original world of Special Parts and transform the F4 RR into a special that is even more refined.



# « Technical Data

## ENGINE

Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C", radial valve
Total displacement	998 cm <sup>3</sup> (60.9 cu. in.)
Compression ratio	13.4:1
Starting	Electric
Bore x stroke	79 mm x 50.9 mm (3.1 in. x 2.0 in.)
Max. horse power - r.p.m. (at the crankshaft)	147.7 kW (200 HP) at 13400 r.p.m.
Full power version	Lim. 13700 r.p.m.
Restricted power version	73 kW (100 HP) at 9200 r.p.m. Lim. 10800 r.p.m.
Max. torque - r.p.m.	114 Nm (11.4 kgm) at 9200 r.p.m.
Full power version	89 Nm (9.0 kgm) at 5800 r.p.m.
Restricted power version	Cooling with separated liquid and oil radiators
Cooling system	
Engine management system	Magneti Marelli IAW 7BM ignition - injection integrated system with Mikuni throttle body; Induction discharge electronic ignition; Sequential timed "Multipoint" electronic injection; Variable height intake ducts with Torque Shift System (TSS)
Clutch	Wet, multi-disc with mechanical anti-surfing device and Brembo radial master cylinder
Gear Box	Cassette gearbox; six speed, constant mesh
Primary drive	48/82
Gear ratio (Full power version)	
First gear: Speed*	14/37 134.1 km/h (83.3 mph) at 13700 r.p.m.
Second gear: Speed*	16/33 171.8 km/h (106.7 mph) at 13700 r.p.m.
Third gear: Speed*	18/31 205.8 km/h (127.8 mph) at 13700 r.p.m.
Fourth gear: Speed*	20/30 236.3 km/h (146.7 mph) at 13700 r.p.m.
Fifth gear: Speed*	22/29 268.9 km/h (167.0 mph) at 13700 r.p.m.
Sixth gear: Speed*	21/25 297.6 km/h (184.8 mph) at 13700 r.p.m.
Final velocity ratio	15x41

## ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	350 W at 5000 r.p.m.
Battery	12 V - 8.6 Ah

## DIMENSIONS AND WEIGHT

Wheelbase	1430 mm (56.27 in.)
Overall length	2100 mm (82.63 in.)
Overall width	750 mm (29.51 in.)
Saddle height	830 mm (32.66 in.)
Min. ground clearance	115 mm (4.52 in.)
Trail	100,4 mm (3.93 in.)
Dry weight	192 Kg (423 lbs.)
Fuel tank capacity	17 l (4.49 U.S. gal.)

## PERFORMANCE

Maximum speed*	Full power version 297.6 km/h (184.8 mph) Restricted power version 249.0 km/h (154.6 mph)
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## FRAME

Type	CrMo Steel tubular trellis (TIG welded)
Rear swing arm pivot plates: material	Aluminium alloy - Adjustable swingarm pivot height

## FRONT SUSPENSION

Type	"UPSIDE - DOWN" Öhlins telescopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment
Rod dia.	43 mm (1.69 in.)
Travel on leg axis	120 mm (4.72 in.)

## REAR SUSPENSION

Type	Öhlins TTX Progressive, single shock absorber with rebound and compression damping and spring preload adjustment
Single sided swing arm: material	Aluminium alloy
Wheel travel	120 mm (4.72 in.)

## BRAKES

Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking band and aluminium flange - Brembo radial master cylinder
Front brake caliper	Radial-type, single-piece with 4 pistons Ø 34 mm (Ø 1.34 in.)
Rear brake	Single steel disc with Ø 210 mm (Ø 8.27 in.) dia.
Rear brake caliper	With 4 pistons - Ø 25.4 mm (Ø 1.00 in.)

## WHEELS

Front: Material / size	Forged aluminium alloy 3,50" x 17"
Rear: Material / size	Forged aluminium alloy 6,00" x 17"

## TYRES

Front	120/70 - ZR 17 M/C (58 W)
Rear	190/55 - ZR 17 M/C (75 W)

## FAIRING

Material	Thermoplastic
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## CONTENTS

Steering damper	Öhlins - Adjustable damping
Rider's footrests	Adjustable height



MATT PEARL WHITE

PASTEL RED/WHITE

\* Top speed attained on closed course.

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