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F4 RR, unlimited performance.

201 horse power, lean angle sensor, electronically adjustable Öhlins suspension, designed for maximum customization, with perfect engine map integration. Electronic steering damper. Ride-By-Wire system for controlling engine power and torque characteristics on all road surfaces and at all speeds. Hand-welded frame. The F4 RR is beyond anything imaginable. Lighter, faster... Extreme in every sense, racing in every detail.



F4 RR



Motorcycle Art

Winning technology.

Designed for the track and for those who love racing around tight curves. Thanks to its Superbike electronics, Race mode ABS incorporating RLM strategy (anti-rear wheel lift) and the most powerful engine in the history of MV Agusta this model is second to none in performance. Lighter and faster than ever, for unrivalled riding emotions.



Maximum performance: an objective that was reached by further refining the prodigious in-line four-cylinder engine with a central cam drive. Inside, each component has been weighed, revised and improved: the F4 RR is equipped with unrivalled titanium connecting rods which provide for exceptional strength and a record-setting weight permitting a 14.000 RPM rev limit. The crankshaft weight and inertia has been reduced as well as rebalanced in order to enhance the engine's power and torque characteristics.



700 grams: the forged wheels allow for a significant weight and inertia reduction, precisely where it's needed. The result? Increased agility when entering curves and changing directions, thus providing for an improved riding experience and performance, especially under the keen eye of the stopwatch. Made from aluminium alloy, the F4 RR wheels are forged using a process that guarantees an optimal strength to weight ratio. What's more, they have extremely thin spokes that are doubled at the ends, thus combining cutting-edge design with absolute lightness.



The front end of the F4 RR is a technological masterpiece: the pair of 320 mm diameter discs are complemented by the most highly advanced Brembo radial callipers available. Made of aluminium, the M50 monoblock is the result of experience obtained under extreme racing conditions. Thanks to the TiN surface treatment of the legs, the Öhlins fork slides superbly. The regulation is managed via a special control software which allows for the most appropriate response to be obtained in relation to the most widely-varied conditions.

F4 RR



ENGINE **Type** Four cylinder, 4 stroke, 16 valve - **Timing system** "D.O.H.C", radial valve - **Total displacement** 998 cm³ (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. power - r.p.m. (at the crankshaft)**** - 147.7 kW (201 hp) at 13600 r.p.m. - **Max. torque r.p.m.** - 111 Nm (11.6 kgm) at 9600 r.p.m. - **Cooling system** Cooling with separated liquid and oil radiators - **Engine management system** Integrated ignition - injection system MVICS (Motor & Vehicle Integrated Control System) with eight injectors. Engine control unit Eldor EM2.0, throttle body full drive 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 with lean angle sensor - TSS Torque Shift System employing variable length intake runners - **Electronic quick-shift** MV EAS (Electronically Assisted Shift) ready (accessory) - **Clutch** Wet, multi-disc with back torque limiting device and Brembo radial pump/lever assembly - **Transmission** Cassette style; six speed, constant mesh - **Primary drive** 48/82 - **Gear ratio** **First gear: Speed** 14/37 - **Second gear: Speed** 16/33 - **Third gear: Speed** 18/31 - **Fourth gear: Speed** 20/30 - **Fifth gear: Speed** 22/29 **Sixth gear: Speed** 21/25 - **Final drive ratio** 15/41

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** 2115 mm (83.30 in.) - **Overall width** 750 mm (29.51 in.) - **Saddle height** 830 mm (32.68 in.) - **Min. ground clearance** 115 mm (4.52 in.) - **Trail** 100,4 mm (3.93 in.) **Dry weight** 190 kg (418.9 lbs.) - **Fuel tank capacity** 17 l (4.49 U.S. gal.)

PERFORMANCE **Maximum speed*** 297.5 km/h (184.9 mph)

FRAME **Type** CrMo Steel tubular trellis - **Rear swing arm pivot plates material** Aluminium alloy - Adjustable swingarm pivot height

FRONT SUSPENSION **Type** Öhlins EC Nix hydraulic "UPSIDE DOWN" front forks with TiN superficial treatment. Completely adjustable electronically controlled compression and rebound damping with manual spring preload - **Fork dia.** 43 mm (1.69 in.) - **Fork travel** 120 mm (4.72 in.)

REAR SUSPENSION **Type** Progressive, single shock absorber Öhlins TTX. Fully adjustable hydraulic electronically controlled compression and rebound damping with manual spring preload - **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 disc and aluminium flange Brembo radial pump/level assembly- **Front brake calliper** Brembo GP radial-type, single-piece with 4 pistons Ø 30 mm (Ø 1.18 in.) **Rear brake** Single steel disc with Ø 210 mm (Ø 8.27 in.) dia. - **Rear brake calliper** Nissin with 4 pistons - Ø 25.4 mm (Ø 1.00 in.) - **ABS System** Bosch 9 Plus with Race Mode and RLM (Rear wheel Lift-up Mitigation)

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** 200/55 - ZR 17 M/C (78 W)

FAIRING **Material** Thermoplastic

EQUIPMENT **Steering damper** Öhlins EC with electronic manual and automatic adjustment modes - **Rider's footpegs** Adjustable height



WHITE ICE PEARL/METAL BLACK CARBON

AVIO GREY/BLACK CARBON

* Top speed attained on closed course.

** Limited power versions available on demand.

Special, just like you.

While the MV F4 is already a unique motorcycle, it can nevertheless be "personalized" even further. Visit the website www.mvagusta.com to browse the world of special parts available, and transform your F4 into an even more powerful and lightweight superbike.

THE NEW F4: SPECIAL, YOUR WAY

