

[www.mvagusta.com](http://www.mvagusta.com)

All illustrations and specifications illustrated in this brochure are based on the latest production information available at the time of printing. We reserve the right to modify materials, colors and other characteristics of the motorcycles without prior notice.



**FB** 800



# F3 800, Superbike revolution.

As exhilarating as a 1000, yet as fun to ride as a 600: the MV Agusta F3 800 is the ultimate expression of three cylinder supremacy. Striking the perfect balance between performance and ridability, no challenge is beyond reach with 148 horsepower that are harnessed by state of the art electronics. Superlative agility achieved with thoroughbred frame and suspension that is incredibly effective whether on the road or the track.



**F3 800**

**CB** 800



# State of the art technology

Performance or lightness? Power or agility? Have it all with the MV Agusta F3 800, from class-beating riding pleasure and performance to sophisticated electronic engine management with four engine maps and eight levels of traction control.

From its styling to its engineering, every detail of the MV Agusta F3 800 embodies excellence. With ultra-light pistons, the three-cylinder powerplant revs all the way up to 13,000 rpm. The counter-rotating crankshaft exudes the racing spirit of the bike: derived directly from the GP race track, this solution reduces the directional inertia of the bike to make it even easier to ride and instantly responsive, with the unique character typical of an MV Agusta. At just 1.17 Kg/hp, the power to weight ratio is extraordinary.



Engine management is one of the strong features of the MV Agusta F3 800. With an integrated electronic control system overseeing everything from the Ride-By-Wire throttle to the injectors, the rider can tap into instant, incredible urge from the three-cylinder powerplant even at low engine speeds, for outstanding performance in all conditions. Weighing in at just 52 Kg, the extremely light engine boasts state of the art technical solutions such as double overhead camshafts with titanium valves and water and oil circuits integrated in the crankcase, for maximised compactness and overall efficiency.



Denominated M4.34 a, these Brembo mono-block calipers are conceived to generate safe and easily controlled deceleration. Brakes that let you decide exactly how much stopping power you need - from extreme braking on the circuit to smooth modulation in traffic - without compromises, thanks in part to the Bosch 9 Plus Race Mode ABS system with RLM (Rear wheel Lift-up Mitigation), which comes as standard. These calipers are radially mounted to transfer all of the braking torque to the 320 mm diameter discs. At the rear, a 220 mm steel disc with a two-piston caliper contributes to controlling the load transfer.



## F3 800



**ENGINE** Type Three cylinder, 4 stroke, 12 valve - **Timing system** "D.O.H.C" - **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 - r.p.m. (at the crankshaft)\*\*** 108.8 kW (148 hp) at 13,000 r.p.m. - **Max. torque - r.p.m.** 88 Nm (8.97 kgm) at 10,600 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 six 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 **Electronic quick shift** MV EAS (Electronically Assisted Shift) - **Clutch** Wet, multi-disc slipper clutch - **Transmission** Cassette style; six speed, constant mesh - **Primary drive** 19/36 - **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** 17/41

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

**DIMENSIONS AND WEIGHT** **Wheelbase** 1,380 mm (54.33 in.) - **Overall length** 2,060 mm (81.01 in.) - **Overall width** 725 mm (28.54 in.) - **Saddle height** 805 mm (31.69 in.) - **Min. ground clearance** 125 mm (4.92 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\*** 269.0 km/h (167.1 mph)

**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.) - **Fork 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** 123 mm (4.84 in.)

**BRAKES** **Front brake** Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange - **Front brake caliper** Brembo radial-type monobloc, with 4 pistons Ø 34 mm (Ø 1.34 in.) - **Rear brake** Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. - **Rear brake caliper** Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.) - **ABS System** Bosch 9 Plus Race Mode with RLM (Rear wheel Lift-up Mitigation)

**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



PEARL ICE WHITE/MATT AVIO GREY

RED/AGO SILVER

MATT METALLIC SENNA BLACK

\* Top speed attained on closed course.

\*\* Limited power versions available on demand.

# Special, just like you.

The MV Agusta F3 800 is conceived to surpass limits. Created to enhance the styling and performance of your bike, the exclusive products in the MV Agusta Special Parts range let you push the limits even further. Visit the website [www.mvagusta.com](http://www.mvagusta.com) to discover a choice of stunning technical components from ultralight carbon to precision-machined aluminium.

F3. JUST THE WAY YOU WANT IT



# Personalize your masterpiece.

