

F3 800 RC

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.

ENGINE	
Type	Three cylinder, 4 stroke, 12 valve
Timing system	"D.O.H.C." with mechanical chain tensioner
Total displacement	798 cm ³ (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 kW (148 hp) at 13.000 r.p.m. 112.5 kW (153 hp) at 13.250 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 2.0 (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 5000 r.p.m.
Battery	12 V - 8.6 Ah

DIMENSIONS AND WEIGHT	
Wheelbase	1380 mm (54.33 in.)
Overall length	2060 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.) - 165 kg (363.8 lbs.)***
Fuel tank capacity	16,5 l (4.36 U.S. gal.)

PERFORMANCE	
Maximum speed*	240.0 km/h (149.1 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 with Race Mode and 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

KIT RACING PARTS	
	SC Project exhaust silencer - Power unit for SC exhaust silencer carry-over (with special mapping and traction control for race mode) Anodized aluminum mirror caps kit - Billet aluminum Brake/Clutch levers - Billet aluminum Foot peg kit - Fiberglass rear seat cover "Sport" License Plate holder - Dedicated bike cover - Rear paddock stand - Certificate of origin - Limited Edition

EMISSIONS	
Environmental Standard	Euro 4
Combined fuel consumption	6.4 l/100 km
CO ₂ Emissions	157 g/km



RED/PEARL RC WHITE/GREEN

* Top speed attained on closed course.

** Limited power versions available on demand.

*** Kit SC Exhaust and ECU Map version

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