

MV AGUSTA F4 RR MY 2012	
ENGINE	
Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C", radial valve
Total displacement	998 cm ³ (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)	Full power version: 147,7 kW (200 HP) at 13400 r.p.m. - 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.	Full power version: 114 Nm (11.4 kgm) at 9200 r.p.m. / Restricted power version: 89 Nm (9.0 kgm) at 5800 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
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)
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.)
BRAKE	
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.) diameter
Rear brake caliper	With 4 pistons - Ø 25.4 mm (Ø 1.00 in.)
RIM	
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
CONTENTS	
Steering damper	ÖHLINS - Adjustable damping
Rider's footrests	Adjustable height

* Top speed attained on closed course.

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.

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