

MV AGUSTA BRUTALE 1090 RR MY 2010	
ENGINE	
Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C", radial valve
Total displacement	1078 cm ³ (65.78 cu. in.)
Compression ratio	13:1
Starting	Electric
Bore x stroke	79 mm x 55 mm (3.1 in. x 2.2 in.)
Max. horse power - r.p.m. (at the crankshaft)	Full power version: 106 kW (144.2 HP) at 10300 / Restricted power version: 73 kW (100 HP) at 8500 - Lim. 11650 r.p.m.
Max. torque - r.p.m.	Full power version: 112 Nm (11.2 kgm) at 8100 r.p.m. / Restricted power version: 103 Nm (10.3 kgm) at 5500 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Magneti Marelli 5SM ignition - injection integrated system with Mikuni throttle body; induction discharge electronic ignition; sequential timed "Multipoint" electronic injection
Clutch	Wet, multi - disc with mechanical anti-surfing device
Gear Box	Cassette gearbox; six speed, constant mesh
Primary drive	50/79
Gear ratio	
First gear: Speed*	13/38 109.7 km/h (68.1 mph) at 11650 r.p.m.
Second gear: Speed*	16/34 150.8 km/h (93.6 mph) at 11650 r.p.m.
Third gear: Speed*	18/32 180.3 km/h (111.9 mph) at 11650 r.p.m.
Fourth gear: Speed*	20/30 213.7 km/h (132.7 mph) at 11650 r.p.m.
Fifth gear: Speed*	22/29 243.2 km/h (151.0 mph) at 11650 r.p.m.
Sixth gear: Speed*	19/23 265.0 km/h (164.5 mph) at 11650 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	1438 mm (56.61 in.)
Overall length	2093 mm (82.36 in.)
Overall width	760 mm (29.92 in.)
Saddle height	830 mm (32.68 in.)
Min. ground clearance	150 mm (5.91 in.)
Trail	103,5 mm (4.07 in.)
Dry weight	190 Kg (418.9 lbs)
Fuel tank capacity	23 l (6.07 U.S. gal.)
PERFORMANCE	
Maximum speed*	Full power version: 265.0 km/h (164.5 mph) / Restricted power version: 245.0 km/h (152 mph)
FRAME	
Type	CrMo Steel tubular trellis (TIG welded)
Rear swing arm pivot plates: material	Aluminium alloy
FRONT SUSPENSION	
Type	"UPSIDE - DOWN" telescopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment
Rod dia.	50 mm (1.97 in.)
Travel on leg axis	130 mm (5.11 in.)
REAR SUSPENSION	
Type	Progressive, single shock absorber with rebound and compression (High speed / Low speed) damping and spring preload adjustment
Single sided swing arm: materiale	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
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

* = 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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