

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 10600 / Restricted power version: 73 kW (100 HP) at 8000 Lim. 11650 r.p.m.	
Max. torque - r.p.m.	Full power version: 115 Nm (11.5 kgm) at 8000 r.p.m. / Restricted power version: 93 Nm (9.3 kgm) at 6600 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-surgin 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.

Rev. 3 - 11/09/09