

BRUTALE 800 RR

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.



PEARL SHOCK RED/METALLIC CARBON BLACK



PEARL ICE WHITE/METALLIC CARBON BLACK

* Top speed attained on closed course.

** Limited power versions available on demand.

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

MY 2018 - 07/11/17

ENGINE		PERFORMANCE	
Type	Three cylinder, 4 stroke, 12 valve	Maximum speed*	244.0 km/h (151.6 mph)
Timing system	"D.O.H.C" with mechanical chain tensioner		
Total displacement	798 cm ³ (48.68 cu. in.)		
Compression ratio	13.3:1		
Starting	Electric		
Bore x stroke		FRAME	
79 mm x 54.3 mm (3.1 in. x 2.1 in.)		Type	ALS Steel tubular trellis
Max. power - r.p.m. (at the crankshaft)**		Rear swing arm pivot plates material	Aluminium alloy
103 kW (140 hp) at 12.300 r.p.m.			
Max. torque - r.p.m.		FRONT SUSPENSION	
87 Nm (8.87 kgm) at 10.100 r.p.m.		Type	Marzocchi "UPSIDE DOWN" aluminium telescopic hydraulic fork with DLC treatment, with anodized fork legs and having rebound-compression damping and spring preload external and separate adjustment
Cooling system		Fork dia.	43 mm (1.69 in.)
Cooling with separated liquid and oil radiators.		Fork travel	125 mm (4.92 in.)
Engine management system		REAR SUSPENSION	
Integrated ignition - injection system MVICS 2.0 (Motor & Vehicle Integrated Control System) with six injectors. Engine control unit Eldor EM2.0, throttle body full ride 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		Type	Progressive Sachs, single shock absorber with rebound and compression damping and spring preload adjustment
Electronic quick-shift		Single sided swing arm material	Aluminium alloy
MV EAS 2.0 (Electronically Assisted Shift up & down)		Wheel travel	124 mm (4.88 in.)
Clutch		BRAKES	
Multi-disk wet clutch with hydraulic actuation		Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange
Transmission		Front brake caliper	Brembo radial-type, with 4 pistons
Cassette style; six speed, constant mesh		Rear brake	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia.
Primary drive		Rear brake caliper	Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)
22/41		ABS System	Bosch 9 Plus with RLM (Rear wheel Lift-up Mitigation)
Gear ratio		WHEELS	
First gear: 13/37		Front: Material/size	Aluminium alloy 3.50 " x 17 "
Second gear: 16/34		Rear: Material/size	Aluminium alloy 5.50 " x 17 "
Third gear: 18/32		TYRES	
Fourth gear: 19/30		Front	120/70 - ZR 17 M/C (58 W)
Fifth gear: 21/30		Rear	180/55 - ZR 17 M/C (73 W)
Sixth gear: 22/29		FAIRING	
Final drive ratio 16/41		Material	Thermoplastic
ELECTRICAL EQUIPMENT		CONTENTS	
Voltage	12 V	Steering damper	Manually adjustable with 8 settings
Alternator	350 W at 5000 r.p.m.	EMISSIONS	
Battery	12 V - 8.6 Ah	Environmental Standard	Euro 4
DIMENSIONS AND WEIGHT		Combined fuel consumption	6.7 l/100 km
Wheelbase	1400 mm (55,12 in.)	CO ₂ Emissions	163 g/km
Overall length	2045 mm (80,51 in.)		
Overall width	875 mm (34,45 in.)		
Saddle height	830 mm (32,68 in.)		
Min. ground clearance	135 mm (5,31 in.)		
Trail	103.5 mm (4.07 in.)		
Dry weight	175 kg (385,80 lbs.)		
Fuel tank capacity	16.5 l (4.36 U.S. gal.)		