

# BRUTALE 800 RR PIRELLI

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 <sup>3</sup> (48.68 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)**	103 kW (140 hp) at 12.300 r.p.m.
Max. torque - r.p.m.	87 Nm (8.87 kgm) at 10.100 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators.
Engine management system	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
Electronic quick-shift	MV EAS 2.0 (Electronically Assisted Shift up & down)
Clutch	Multi-disk wet clutch with hydraulic actuation
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	16/41

ELECTRICAL EQUIPMENT	
Voltage	12 V
Alternator	350 W at 5000 r.p.m.
Battery	12 V - 8.6 Ah

DIMENSIONS AND WEIGHT	
Wheelbase	1400 mm (55,12 in.)
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 mm (4.07 in.)
Dry weight	175 kg (385,80 lbs.)
Fuel tank capacity	16.5 l (4.36 U.S. gal.)



RED/BLACK MATT



BLUE/NARDÒ GREY

\* 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.

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PERFORMANCE	
Maximum speed*	244.0 km/h (151.6 mph)
FRAME	
Type	ALS Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy
FRONT SUSPENSION	
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
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	124 mm (4.88 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, with 4 pistons Ø 32 mm (Ø 1.26 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 RLM (Rear wheel Lift-up Mitigation)
WHEELS	
Front: Material/size	Aluminium alloy 3.50 " x 17 "
Rear: Material/size	Aluminium alloy 6.00 " x 17 "
TYRES	
Front	Pirelli DIABLO Supercorsa SP 120/70 -ZR 17 M/C (58 W)
Rear	Pirelli DIABLO Supercorsa SP 200/55 -ZR 17 M/C (78 W)
Optional Version (upon request)	Tires DIABLO™ Supercorsa SP on limited edition color
FAIRING	
Material	Thermoplastic
CONTENTS	
Steering damper	Manually adjustable with 8 settings
EQUIPMENT COMPONENTS	
Certificate of origin	Special edition
EMISSIONS	
Environmental Standard	Euro 4
Combined fuel consumption	6.7 l/100 km
CO <sub>2</sub> Emissions	163 g/km