



# BRUTALE RR



SHOCK PEARL RED/AVIO GREY



CARBON BLACK METALLIC/  
AVIO GREY METALLIC



FIRE RED GLOSS/  
INTENSE BLACK GLOSS



\* Speed attained on closed course.  
Every country could have a price variation due to local import duties and taxes.

MY 21/22 - 23/11/21

## ENGINE

Type Three cylinder, 4 stroke, 12 valve  
Timing system "D.O.H.C" with mechanical chain tensioner and DLC tappet

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 10,250 r.p.m.  
Cooling system Cooling with separated liquid and oil radiators.

Engine management system Integrated ignition - injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with six injectors. Engine control unit Eldor Nemo 2.1, throttle body bore 50 mm diameters 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  
MV EAS 3.0 (Electronically Assisted Shift up & down)

Electronic quick-shift

Clutch

Multi-disk wet clutch with hydraulic actuation and back torque limiting device

Transmission

Cassette style; six speed, constant mesh  
22/41

Primary drive

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 5.000 r.p.m.  
Battery 12 V - 8.5 Ah

## DIMENSIONS AND WEIGHT

Wheelbase 1.400 mm (55.12 in.)  
Overall length 2.045 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.)

## PERFORMANCE

Maximum speed\* 244.0 km/h (151.6 mph)  
Acceleration 0-100 km/h in 3.45 s 0-200 km/h\* in 9.90 s

## 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  
43 mm (1.69 in.)  
125 mm (4.92 in.)

Fork dia.  
Wheel travel

## REAR SUSPENSION

Type Progressive Sachs, single shock absorber with rebound and compression damping and spring preload adjustment  
Aluminium alloy  
130 mm (5.12 in.)

Single sided swing arm material  
Wheel travel

## BRAKES

Front brake Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange Brembo radial-type, with 4 pistons Ø 32 mm (Ø 1.26 in.)  
Front brake caliper  
Rear brake Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)  
Rear brake caliper

ABS System

Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

## WHEELS

Front: Material/size Aluminium alloy 3.50 " x 17 "  
Rear: Material/size Aluminium alloy 5.50 " x 17 "

## TYRES

Front 120/70 - ZR 17 M/C (58 W)  
Rear 180/55 - ZR 17 M/C (73 W)

## FAIRING

Material Thermoplastic

## CONTENTS

Steering damper manually adjustable with 8 settings - MV Ride App - GPS sensor - Bluetooth Cruise control - Launch control

## OPTIONAL

The full Special Parts range is available on the MV Agusta website

## EMISSIONS

Environmental Standard Euro 5  
Combined fuel consumption 5.9 l/100 km  
CO<sub>2</sub> Emissions 138 g/km