



BRUTALE 1000 RR

ENGINE

Type
Timing system
Total displacement
Compression ratio
Starting
Bore x stroke
Max. power – r.p.m. (at the crankshaft)
Max. torque – r.p.m.
Cooling system
Engine management system

Four cylinder, 4 stroke, 16 valve
“D.O.H.C”, radial valve and DLC tappet
998 cm³ (60.9 cu. in.)
13.4:1
Electric
79 mm x 50.9 mm (3.1 in. x 2.0 in.)
153,0 kW (208 hp) at 13.000 r.p.m.
116,5 Nm (11,9 kgm) at 11.000 r.p.m.
Cooling with separated liquid and oil radiators
Integrated ignition – injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with eight injectors (4 lower fuel injectors by Mikuni + 4 upper fuel injectors by Magneti Marelli with increased fuel flow). 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 8 levels + off and wheelie control with inertial platform

Electronic quick-shift
Clutch

Transmission
Primary drive
Gear ratio

First gear speed
Second gear speed
Third gear speed
Fourth gear speed
Fifth gear speed
Sixth gear speed

Final drive ratio

MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Wet, multi-disc with back torque limiting device and Brembo radial pump/lever assembly
Cassette style; six speed, constant mesh
48/82

14/37
16/33
18/31
20/30
22/29
21/25
15/41

ELECTRICAL EQUIPMENT

Voltage
Alternator
Battery

12 V
350 W at 5.000 r.p.m.
Li-ion 12 V – 4.0 Ah

DIMENSIONS AND WEIGHT

Wheelbase
Overall length
Overall width
Saddle height
Min. ground clearance
Trail
Dry weight
Fuel tank capacity

1.415 mm (55.71 in.)
2.080 mm (81.89 in.)
805 mm (31.69 in.)
845 mm (33.27 in.)
141 mm (5.55 in.)
97 mm (3.82 in.)
186 kg (410.06 lbs.)
16 l (4.23 U.S. gal.)

PERFORMANCE

Maximum speed*

over 300 km/h (186 mph)

FRAME

Type
Rear swing arm pivot plates material

CrMo Steel tubular trellis
Aluminium alloy – Adjustable swingarm pivot height

FRONT SUSPENSION

Type

Öhlins Nix EC hydraulic “upside down” front forks with TiN superficial treatment. Completely adjustable with electronically controlled compression and rebound damping with manually controlled spring preload.

Fork dia. 43 mm (1.69 in.)
Fork travel 120 mm (4.72 in.)

REAR SUSPENSION

Type

Single sided swing arm material
Wheel travel

Progressive, single shock absorber Öhlins EC TTX completely adjustable with electronicall controlled compression and rebound damping and spring preload

Aluminium alloy
120 mm (4.72 in.)

BRAKES

Front brake

Front brake caliper

Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and aluminium flange – Brembo radial pump/level assembly Brembo Stylema radial-type, single-piece with 4 pistons Ø 30 mm (Ø 1.18 in.)

Rear brake

Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. – Brembo PS13 brake pump
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
Rear: Material/size

Forged aluminium alloy 3,50 " x 17 "
Forged aluminium alloy 6,00 " x 17 "

TYRES

Front
Rear

120/70 – ZR 17 M/C (58 W)
200/55 – ZR 17 M/C (78 W)

FAIRING

Material

Carbon fiber and thermoplastic material

CONTENTS

Steering damper

Öhlins EC with electronic manual and automatic adjustment modes

Carbon components

Air-box cover – Dashboard harness cover RH /LH central panel for fuel tank – RH/LH side panel for fuel tank – Central and lateral cover for projector Clutch and gearbox covers RH/LH external air intake

Exclusive features

Light crankshaft – New combustion chamber Titanium connecting rods – Dashboard TFT 5.5" color display – Cruise control – Bluetooth GPS MV Ride App for navigation mirroring, app-controlled engine, suspension and rider aids setup – Launch Control FLC Front lift control Mobisat tracker

OPTIONAL

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

EMISSIONS

Environmental Standard
Combined fuel consumption
CO₂ Emissions

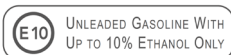
Euro 5
6.8 l/100 km
158 g/km



MATT METALLIC AVIATION GREY/
MATT METALLIC DARK GREY/
FLUORESCENT YELLOW



FIRE RED/MATT METALLIC DARK GREY



* Top speed attained on closed course.
Every country could have a price variation due to local import duties and taxes
MY 2021 – 08/06/21