



BRUTALE 1000 RS

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

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

Engine management system

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

MV EAS 3.0 (Electronically Assisted Shift Up & Down)

Clutch

Wet, multi-disc with back torque limiting device and Brembo radial pump/lever assembly
Cassette style; six speed, constant mesh
48/82

Transmission
Primary drive
Gear ratio

First gear	14/37
Second gear	16/33
Third gear	18/31
Fourth gear	20/30
Fifth gear	22/29
Sixth gear	21/25
Final drive ratio	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*
Acceleration

over 300 km/h (186 mph)
0-100 km/h in 3.15 s 0-200 km/h* in 8.30 s

FRAME

Type
Rear swing arm pivot plates material

CrMo Steel tubular trellis
Aluminium alloy - Adjustable swingarm pivot height

FRONT SUSPENSION

Type

Marzocchi "UPSIDE - DOWN"
telescopic hydraulic fork with adjustable rebound-compression damping and external spring preload.
50 mm (1.97 in.)
120 mm (4.72 in.)

Fork dia.

Wheel travel

REAR SUSPENSION

Type

Progressive Sachs, single shock absorber with rebound and compression (High speed/Low speed) damping and spring preload adjustment
Aluminium alloy
120 mm (4.72 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 aluminium flange - Brembo radial pump/level assembly Brembo Stylema radial-type, single-piece with 4 pistons Ø 30 mm (Ø 1.18 in.)
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.)

Front brake caliper

Rear brake

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

Aluminium alloy 3,50" x 17"
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

Thermoplastic

CONTENTS

Steering damper

Öhlins EC with electronic manual and automatic adjustment modes

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

OPTIONAL

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

EMISSIONS

Environmental Standard
Combined fuel consumption
CO₂ Emissions

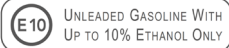
Euro 5
6.8 l/100 km
158 g/km



MAGNUM SILVER/
MATT METALLIC DARK GREY



AGO RED/MATT METALLIC DARK GREY



E10 UNLEADED GASOLINE WITH
UP TO 10% ETHANOL ONLY

* Speed attained on closed course.
Every country could have a price variation due to local import duties and taxes
MY 2022 - 23/11/21