



BRUTALE 1000 RS

MY 2023_TECHNICAL DATA



BRUTALE 1000 RS

NEW
COLOR '23



NARDO GREY (GLOSS)/
MATT METALLIC DARK GREY



AGO RED (GLOSS)/
MATT METALLIC DARK GREY



* Speed attained on closed course.
Every country could have a price variation due to local
import duties and taxes
MY 23 - 07/11/22

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 cylinders, 4 stroke, 16 valves, with countershaft
"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

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
Second gear
Third gear
Fourth gear
Fifth gear
Sixth gear

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

Final drive ratio

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

Fork dia.
Wheel travel

Marzocchi "UPSIDE - DOWN" telescopic hydraulic
fork with DLC treatment and adjustable rebound-
compression damping and external spring preload.

50 mm (1.97 in.)
120 mm (4.72 in.)

REAR SUSPENSION

Type

Single sided swing arm material
Wheel travel

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.)

BRAKES

Front brake

Front brake caliper

Rear brake

Rear brake caliper
ABS System

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.)
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

Lighter crankshaft - New combustion chamber
Lighter pistons - 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 anti-thelf system
with geolocation

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