



Motorcycle Art

SINCE 1945

BRUTALE 1000 RS

MY 2023_TECHNICAL DATA



BRUTALE 1000 RS

NEW
COLOR '23



GRIGIO NARDO/
GRIGIO SCURO METALLIZZATO OPACO



ROSSO AGO/
GRIGIO SCURO METALLIZZATO OPACO

E10 SOLO BENZINA SENZA PIOMBO
ETANOLO FINO AL 10% DI VOLUME

* Velocità raggiungibile in pista

MY 23 - 13/07/23

MOTORE

Tipo Quattro cilindri, 4 tempi, 16 valvole, con contralbero

Distribuzione

Doppio albero a camme in testa;
valvole radiali e bicchierini DLC

Cilindrata totale

998 cm³

Rapporto di compressione

13.4:1

Avviamento

Elettrico

Alesaggio per corsa

79 mm x 50,9 mm

Potenza max. a giri/min (all'albero)

153,0 kW (208 CV) a 13.000 giri/min

Coppia massima giri/min

116,5 Nm (11,9 kgm) a 11.000 giri/min

Raffreddamento

A liquido e olio con radiatori separati

Accensione - Iniezione - Elettronica

Sistema integrato di accensione-iniezione MVICS 2.1 (Motor & Vehicle Integrated Control System) con 8 iniettori (4 inferiori Mikuni + 4 superiori Magneti Marelli con portata maggiorata). Centralina di controllo motore Eldor Nemo 2.1; corpo farfallato diametro 50 mm full ride by wire Mikuni; bobine pencil-coil dotate di tecnologia "ion-sensing", controllo della detonazione e misfire. Controllo di coppia con 4 mappe. Traction Control disinseribile ad 8 livelli di intervento e wheelie control con piattaforma inerziale

Sistema cambio elettronico

MV EAS 3.0 (Electronically Assisted Shift Up & Down)

Frizione

Multidisco in bagno d'olio con dispositivo anti-saltellamento meccanico con pompa radiale Brembo
Estraibile a sei velocità con ingranaggi sempre in presa

Cambio velocità

Rapporti primaria

Rapporti cambio

Prima velocità

14/37

Seconda velocità

16/33

Terza velocità

18/31

Quarta velocità

20/30

Quinta velocità

22/29

Sesta velocità

21/25

Rapporto finale di trasmissione

15/41

IMPIANTO ELETTRICO

Tensione impianto

12 V

Alternatore

350 W a 5.000 giri/min

Batteria

Li-ion 12 V - 4,0 Ah

DIMENSIONI E PESO

Interasse

1.415 mm

Lunghezza totale

2.080 mm

Larghezza max.

805 mm

Altezza sella

845 mm

Altezza min. da terra

141 mm

Avancorsa

97 mm

Peso a secco

186 kg

Capacità serbatoio carburante

16 l

PRESTAZIONI

Velocità max.*

oltre 300 km/h

Accelerazione*

0-100 km/h in 3.15 s 0-200 km/h in 8.30 s

TELAIO

Tipo

Tubolare a traliccio in acciaio CrMo

Materiale piastre fulcro forcellone

Legia di alluminio - Perno con altezza regolabile

SOSPENSIONE ANTERIORE

Tipo

Forcella Marzocchi con trattamento DLC oleo-dinamica a steli rovesciati con sistema di regolazione esterno e separato del freno in estensione, in compressione e del precarico molla

Ø Steli

50 mm

Escursione ruota

120 mm

SOSPENSIONE POSTERIORE

Tipo

Progressiva, monoammortizzatore Sachs regolabile in estensione, in compressione (Alta velocità/Bassa velocità) e nel precarico molla

Materiale forcellone monobraccio

Legia di alluminio

Escursione ruota

120 mm

FRENI

Anteriore

A doppio disco flottante (Ø 320 mm) con fascia frenante in acciaio e flangia in alluminio pompa radiale Brembo
Radiale monoblocco Brembo Stylema a 4 pistoncini (Ø 30 mm)

Pinza freno anteriore

A disco in acciaio (Ø 220 mm) - Pompa Brembo PS13 Brembo a 2 pistoncini (Ø 34 mm)

Posteriore

Pinza freno posteriore

Sistema ABS

Continental MK100 con RLM (Rear Wheel Lift-up Mitigation) e con funzione cornering

CERCHI

Anteriore: Materiale/dimensioni

Legia di alluminio 3,50" x 17"

Posteriore: Materiale/dimensioni

Legia di alluminio 6,00" x 17"

PNEUMATICI

Anteriore

120/70 - ZR 17 M/C (58 W)

Posteriore

200/55 - ZR 17 M/C (78 W)

CARROZZERA

Materiali

Termoplastici

CONTENUTI

Ammortizzatore di sterzo

Öhlins EC con sistema di regolazione elettronico con interventi automatici e manuali

Contenuti esclusivi

Albero motore alleggerito - Nuova camera di combustione - Pistoni alleggeriti - Bielle in titanio Crusotto TFT 5.5" con display a colori - Cruise control - Bluetooth - GPS - MV Ride App per mirroring indicazioni di navigazione e setup elettronico di motore, sospensioni e dispositivi di sicurezza - Launch Control - FLC (Front Lift Control) Antifurto Mobisat con geolocalizzazione

OPTIONAL

Visita il nostro sito per conoscere tutta la gamma delle parti speciali disponibili

EMISSIONI

Norma ambientale

Euro 5

Consumo carburante combinato

6.8 l/100 km

Emissioni di CO₂

158 g/km



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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 - 13/07/23

ENGINE

Type
Timing system
Total displacement
Compression ratio
Starting
Bore x stroke
Max. power - rpm (at the crankshaft)
Max. torque - rpm
Cooling system

Engine management system

Electronic quick-shift

Clutch

Transmission
Primary drive
Gear ratio

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

Final drive ratio

ELECTRICAL EQUIPMENT

Voltage
Alternator
Battery

DIMENSIONS AND WEIGHT

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

PERFORMANCE

Maximum speed*
Acceleration*

FRAME

Type
Rear swing arm pivot plates material

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 rpm
116,5 Nm (11,9 kgm) at 11.000 rpm
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

MV EAS 3.0 (Electronically Assisted Shift Up & Down)

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

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

12 V
350 W at 5.000 rpm
Li-ion 12 V - 4.0 Ah

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.)

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

CrMo Steel tubular trellis
Aluminium alloy - Adjustable swingarm pivot height

FRONT SUSPENSION

Type

Fork dia.
Wheel travel

REAR SUSPENSION

Type

Single sided swing arm material
Wheel travel

BRAKES

Front brake

Front brake caliper

Rear brake

Rear brake caliper

ABS System

WHEELS

Front: Material/size
Rear: Material/size

TYRES

Front
Rear

FAIRING

Material

CONTENTS

Steering damper

Exclusive features

OPTIONAL

EMISSIONS

Environmental Standard
Combined fuel consumption
CO₂ Emissions

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.)

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.)

Double floating disc with Ø 320 mm (Ø 12.6 in.)
diameter, with steel braking disc and aluminium
flange - Brembo radial master cylinder/lever
assembly
Brembo Stylema radial-type monobloc, 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 master cylinder
Brembo with 2 pistons Ø 34 mm (Ø 1.34 in.)

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

Aluminium alloy 3,50" x 17"
Aluminium alloy 6,00" x 17"

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

Thermoplastic

Öhlins EC with electronic manual and automatic
adjustment modes

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-theft system
with geolocation

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

Euro 5
6.8 l/100 km
158 g/km

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.



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