



Motorcycle Art

SINCE 1945



BRUTALE 1000 RR

MY 2023_TECHNICAL DATA



BRUTALE 1000 RR

NEW
COLOR '23



ROSSO EDONISTA OPACO/
NERO CARBON METALLIZZATO OPACO



NERO CARBON METALLIZZATO OPACO/
ROSSO MAMBA/
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
Distribuzione

Cilindrata totale
Rapporto di compressione
Avviamento
Alesaggio per corsa
Potenza max. a giri/min (all'albero)
Coppia massima giri/min
Raffreddamento
Accensione - Iniezione - Elettronica

Sistema cambio elettronico
Frizione

Cambio velocità

Rapporti primaria
Rapporti cambio
Prima velocità
Seconda velocità
Terza velocità
Quarta velocità
Quinta velocità
Sesta velocità

Rapporto finale di trasmissione

IMPIANTO ELETTRICO

Tensione impianto
Alternatore
Batteria

DIMENSIONI E PESO

Interasse
Lunghezza totale
Larghezza max.
Altezza sella
Altezza min. da terra
Avancorsa
Peso a secco
Capacità serbatoio carburante

PRESTAZIONI

Velocità max.*
Accelerazione*

TELAIO

Tipo
Materiale piastre fulcro forcellone

SOSPENSIONE ANTERIORE

Tipo

∅ Steli
Escursione ruota

Quattro cilindri, 4 tempi, 16 valvole, con contralbero
Doppio albero a camme in testa;
valvole radiali e bicchierini DLC
998 cm³
13.4:1
Elettrico
79 mm x 50,9 mm
153,0 kW (208 CV) a 13.000 giri/min
116,5 Nm (11,9 kgm) a 11.000 giri/min
A liquido e olio con radiatori separati
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
MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Multidisco in bagno d'olio con dispositivo anti-saltellamento meccanico con pompa radiale Brembo
Estraibile a sei velocità con ingranaggi sempre in presa
48/82
14/37
16/33
18/31
20/30
22/29
21/25
15/41

12 V
350 W a 5.000 giri/min
Li-ion 12 V - 4,0 Ah

1.415 mm
2.080 mm
805 mm
845 mm
141 mm
97 mm
186 kg
16 l

oltre 300 km/h
0-100 km/h in 3.15 s 0-200 km/h in 8.30 s

Tubolare a traliccio in acciaio CrMo
Legha di alluminio - Perno con altezza regolabile

Forcella Öhlins Nix EC oleodinamica a steli rovesciati con trattamento superficiale TiN. Completamente regolabile con freno idraulico in estensione e compressione gestito elettronicamente. Regolazione manuale del precarico molla.
43 mm
120 mm

SOSPENSIONE POSTERIORE

Tipo

Materiale forcellone monobraccio
Escursione ruota

FRENI

Anteriore

Pinza freno anteriore

Posteriore
Pinza freno posteriore

Sistema ABS

CERCHI

Anteriore: Materiale/dimensioni
Posteriore: Materiale/dimensioni

PNEUMATICI

Anteriore
Posteriore

CARROZZERA

Materiali

CONTENUTI

Ammortizzatore di sterzo

Componenti in carbonio

Contenuti esclusivi

OPTIONAL

EMISSIONI

Norma ambientale
Consumo carburante combinato
Emissioni di CO₂

Progressiva, monoammortizzatore Öhlins EC TTX completamente regolabile, con freno idraulico in estensione e compressione gestiti elettronicamente, regolazione manuale precarico molla.

Legha di alluminio
120 mm

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

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

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

Forgiato in lega di alluminio 3,50 "x 17 "

Forgiato in lega di alluminio 6,00 "x 17 "

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

Fibra carbonio e materiali termoplastici

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

Cover air-box - Coperchio per cablaggio
Fianchetto serbatoio DX/SX
Fianchetto serbatoio DX/SX - Cover centrale e laterali proiettore - Copertura lato frizione e lato cambio - Presa aria esterna DX/SX

Albero motore alleggerito - Nuova camera di combustione - Pistoni alleggeriti - Bielle in titanio
Cruscotto 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

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

Euro 5
6.8 l/100 km
158 g/km



BRUTALE 1000 RR

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

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

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

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 rpm
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

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.
43 mm (1.69 in.)
120 mm (4.72 in.)

Fork dia.
Wheel travel

REAR SUSPENSION

Type

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

Single sided swing arm material
Wheel travel

Aluminium alloy
120 mm (4.72 in.)

BRAKES

Front brake

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

Front brake caliper

Brembo Stylema radial-type monobloc, 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 master cylinder
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

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

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

NEW
COLOR '23



MATT HEDONIST RED/
MATT METALLIC CARBON BLACK



MATT METALLIC CARBON BLACK/
MAMBA RED (GLOSS)/
MATT METALLIC DRAK 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 23 - 13/07/23

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MY 23 - 13/07/23 USA

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

Final drive ratio

ELECTRICAL EQUIPMENT

Voltage
Alternator
Battery

DIMENSIONS AND WEIGHT

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

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Maximum speed*
Acceleration*

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Wheel travel

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Front brake caliper

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Rear brake caliper

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OPTIONAL

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