



Motorcycle Art  
SINCE 1945

# ***BRUTALE 1000 RR ASSEN***

MY 2024\_TECHNICAL DATA





# BRUTALE 1000 RR ASSEN



RACING KIT BRUTALE 1000 RR ASSEN

NEW  
COLOR '24



BLU NORDICO/ARGENTO AGO



VERSIONE RACING KIT\*\*

E10

SOLO BENZINA SENZA PIOMBO  
ETANOLO FINO AL 10% DI VOLUME

\* Velocità raggiungibile in pista

\*\* Versione Racing Kit con scarico e mappa dedicata.

MY 24 - 30/10/23

## 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

Ø Steli  
Escursione ruota

Quattro cilindri, 4 tempi, 16 valvole, con contralbero  
Doppio albero a camme in testa;  
valvole radiali e bicchierini DLC  
998 cm<sup>3</sup>  
13.4:1  
Elettrico  
79 mm x 50,9 mm  
153.0 kW (208 CV) a 13.000 giri/min  
156.0 kW (212 CV) at 13.600 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 controllo  
d'impennata con piattaforma inerziale

MV EAS 4.0 (Electronically Assisted Shift Up & Down)  
Multidisco in bagno d'olio con dispositivo antisal-  
tellamento 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  
183 kg - 180 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  
Lega 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

## CARROZZERIA

Materiali

## CONTENUTI

Ammortizzatore di sterzo

Componenti in carbonio

Contenuti esclusivi

## RACING KIT\*\*

## EMISSIONI

Norma ambientale  
Consumo carburante combinato  
Emissioni di CO<sub>2</sub>

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

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)

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

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

Rotobox in fibra di carbonio 3,50"x 17"  
Rotobox in fibra di carbonio 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

Coperchio air-box - Coperchio per cablaggio  
cruscotto - Pannelli serbatoio carburante DX/SX  
Fianchetti laterali DX/SX - Coperchi cambio e  
frizione - Cover fari laterali - Cover faro anteriore  
Spoiler anteriore - Cerchi anteriore e posteriore  
Protezione scarico inferiore - Protezione scarico  
superiore DX/SX - Cover sella passeggero

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  
Selle in Alcantara personalizzate

Box Kit Racing personalizzato contenente:  
Terminale di scarico racing Arrow Titanio e  
centralina dedicata - Cover sella passeggero in  
fibra di carbonio - Tappo serbatoio CNC racing  
Leve freno/frizione CNC - Telo coprimoto  
personalizzato - Elegante Welcome kit con  
certificato di autenticità (Edizione limitata)

Euro 5  
6.8 l/100 km  
158 g/km

MV Agusta è impegnata in una politica di continuo miglioramento dei propri prodotti. Pertanto le informazioni e le caratteristiche tecniche dei veicoli possono essere oggetto di modifiche senza preavviso.



# BRUTALE 1000 RR ASSEN



BRUTALE 1000 RR ASSEN RACING KIT

NEW  
COLOR '24



BLU NORDICO/ARGENTO AGO



RACING KIT VERSION\*\*

E10 UNLEADED GASOLINE WITH  
UP TO 10% ETHANOL ONLY

\* Speed attained on closed course.

\*\*Racing Kit version, with exhaust and ECU map.  
Every country could have a price variation due to local  
import duties and taxes

MY 24 - 30/10/23

## 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 speed  
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  
Saddle height  
Min. ground clearance  
Trail  
Dry weight  
Fuel tank capacity

## PERFORMANCE

Maximum speed\*  
Acceleration\*

## FRAME

Type  
Rear swing arm pivot plates material

## FRONT SUSPENSION

Type

Fork dia.  
Wheel travel

Four cylinders, 4 stroke, 16 valves, with countershaft  
"D.O.H.C", radial valve and DLC tappet  
998 cm<sup>3</sup> (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  
156.0 kW (212 hp) at 13.600 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  
measurement unit (IMU)

MV EAS 4.0 (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.)  
183 kg (403.45 lbs.) - 180 kg (396.83 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

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.)

## 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

Carbon components

Exclusive features

## RACING KIT\*\*

## EMISSIONS

Environmental Standard  
Combined fuel consumption  
CO<sub>2</sub> Emissions

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

Rotobox carbon fibre 3.50" x 17"  
Rotobox carbon fibre 6.00" x 17"

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

Carbon fiber and thermoplastic material

Öhlins EC with electronic manual and automatic  
adjustment modes

Air-box cover - Dashboard harness cover - RH/LH  
fuel tank panels - RH/LH side panels - Clutch and  
gearbox covers - Side headlight covers - Front  
headlight cover - Front spoiler - Front and rear  
wheels - Lower exhaust cover - LH/RH silencer  
covers - Passenger seat cover

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 - Customized Alcantara seats

Customized Racing Kit box containing: Arrow  
Titanium racing exhaust silencer and dedicated  
control unit - Carbon fiber passenger seat cover  
CNC racing fuel cap - CNC brake/clutch levers  
Customized motorcycle cover - Elegant welcome  
kit box with certificate of authenticity (Limited  
edition)

Euro 5  
6.8 l/100 km  
158 g/km



# BRUTALE 1000 RR ASSEN



BRUTALE 1000 RR ASSEN DEDICATED KIT

NEW  
COLOR '24



BLU NORDICO/ARGENTO AGO



SPECIAL PARTS KIT VERSION\*\*

E10 UNLEADED GASOLINE WITH  
UP TO 10% ETHANOL ONLY

\* Speed attained on closed course  
\*\*Special Parts version with optional exhaust and ECU map  
The items have been developed and are intended for  
closed course competition use and racing applications only.  
Every country could have a price variation due to local  
import duties and taxes

MY 24 - 30/10/23 USA

## 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 speed  
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  
Saddle height  
Min. ground clearance  
Trail  
Dry weight  
Fuel tank capacity

## PERFORMANCE

Maximum speed\*  
Acceleration\*

## FRAME

Type  
Rear swing arm pivot plates material

## FRONT SUSPENSION

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Front brake caliper  
Rear brake  
Rear brake caliper  
ABS System

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Rear: Material/size

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Rear

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Material

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Exclusive features

## SPECIAL PARTS KIT\*\*

## DEDICATED KIT

## OPTIONAL

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dedicate ECU - CNC fuel cap

Carbon fiber passenger seat cover - CNC brake/  
clutch levers - Customized motorcycle cover  
Elegant welcome kit box with certificate of  
authenticity (Limited edition)

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