



Motorcycle Art  
SINCE 1945

# BRUTALE RR

MY 2023\_TECHNICAL DATA



# BRUTALE RR

NEW  
COLOR '23



BIANCO SURREALE/  
ROSSO FUOCO



ROSSO FUOCO/  
NERO INTENSO

E10

SOLO BENZINA SENZA PIOMBO  
ETANOLO FINO AL 10% DI VOLUME

## 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

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\*

Tre cilindri, 4 tempi, 12 valvole  
Doppio albero a camme in testa, con tenditore meccanico e bicchierini DLC  
798 cm<sup>3</sup>  
13,3:1  
Elettrico  
79 mm x 54,3 mm  
103 kW (140 CV) a 12.300 giri/min  
87 Nm (8,87 kgm) a 10.250 giri/min

A liquido e olio con radiatori separati  
Sistema integrato di accensione-iniezione MVICS 2.1 (Motor & Vehicle Integrated Control System) con sei iniettori. 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 ad 8 livelli di intervento con sensore di inclinazione.

MV EAS 3.0 (Electronically Assisted Shift Up & Down)

Multidisco in bagno d'olio a comando idraulico con dispositivo antisaltellamento meccanico

Estraibile a sei velocità con ingranaggi sempre in presa  
22/41

13/37  
16/34  
18/32  
19/30  
21/30  
22/29  
16/41

12 V  
350 W a 5.000 giri/min  
12 V - 8,5 Ah

1.400 mm  
2.045 mm  
875 mm  
830 mm  
135 mm  
103,5 mm  
175 kg  
16,5 l

244,0 km/h  
0-100 km/h in 3.45 s 0-200 km/h in 9.90 s

## TELAIO

Tipo  
Materiale piastre fulcro forcellone

## SOSPENSIONE ANTERIORE

Tipo

Ø Steli  
Escursione ruota

## 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

Contenuti esclusivi

## OPTIONAL

## EMISSIONI

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

Tubolare a traliccio in acciaio ALS  
Lega di alluminio

Forcella Marzocchi oleodinamica a steli rovesciati con trattamento DLC, foderi anodizzati e sistema di regolazione esterno e separato del freno in estensione, in compressione e del precarico molla  
43 mm  
125 mm

Progressiva, monoammortizzatore Sachs regolabile in estensione, in compressione e nel precarico molla  
Lega di alluminio  
130 mm

A doppio disco flottante (Ø 320 mm) con fascia frenante e flangia in acciaio  
Radiale Brembo monoblocco a 4 pistoncini (Ø 32 mm)  
A disco in acciaio (Ø 220 mm)  
Brembo a 2 pistoncini (Ø 34 mm)  
Continental MK100 con RLM (Rear Wheel Lift-up Mitigation) e con funzione cornering

Lega di alluminio 3,50" x 17"  
Lega di alluminio 5,50" x 17"

120/70 - ZR 17 M/C (58 W)  
180/55 - ZR 17 M/C (73 W)

Termoplastici

Ammortizzatore di sterzo con sistema di regolazione manuale su 8 livelli - MV Ride App  
Sensore GPS - Bluetooth - Cruise control  
Launch control - FLC (Front Lift Control)  
Mobisat antifurto con geolocalizzazione

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

Euro 5  
5.9 l/100 km  
138 g/km

\* Velocità raggiungibile in pista

MY 23 - 13/07/23

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 RR

NEW  
COLOR '23



SURREAL WHITE (GLOSS)/  
FIRE RED (GLOSS)



FIRE RED (GLOSS)/  
INTENSE BLACK (GLOSS)

E10

UNLEADED GASOLINE WITH  
UP TO 10% ETHANOL ONLY

\* Top 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	Three cylinders, 4 stroke, 12 valves
Timing system	"D.O.H.C" with mechanical chain tensioner and DLC tappet
Total displacement	798 cm <sup>3</sup> (48.7 cu. in.)
Compression ratio	13.3:1
Starting	Electric
Bore x stroke	79 mm x 54.3 mm (3.1 in. x 2.1 in.)
Max. power - rpm (at the crankshaft)	103 kW (140 hp) at 12.300 rpm
Max. torque - rpm	87 Nm (8.87 kgm) at 10.250 rpm
Cooling system	Cooling with separated liquid and oil radiators.
Engine management system	Integrated ignition - injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with six injectors. 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 eight levels of intervention.
Electronic quick shift	MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Clutch	Multi-disk wet clutch with hydraulic actuation and back torque limiting device
Transmission	Cassette style; six speed, constant mesh
Primary drive	22/41
Gear ratio	First gear 13/37 Second gear 16/34 Third gear 18/32 Fourth gear 19/30 Fifth gear 21/30 Sixth gear 22/29
Final drive ratio	16/41

## ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	350 W at 5.000 rpm
Battery	12 V - 8.5 Ah

## DIMENSIONS AND WEIGHT

Wheelbase	1.400 mm (55.12 in.)
Overall length	2.045 mm (80.51 in.)
Overall width	875 mm (34.45 in.)
Saddle height	830 mm (32.68 in.)
Min. ground clearance	135 mm (5.31 in.)
Trail	103.5 mm (4.07 in.)
Dry weight	175 kg (385.80 lbs.)
Fuel tank capacity	16,5 l (4.36 U.S. gal.)

## PERFORMANCE

Maximum speed*	244.0 km/h (151.6 mph)
Acceleration*	0-100 km/h in 3.45 s    0-200 km/h in 9.90 s

## FRAME

Type	ALS Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy

## FRONT SUSPENSION

Type	Marzocchi "UPSIDE DOWN" telescopic hydraulic fork with DLC treatment, anodized fork legs and rebound-compression damping and spring preload external and separate adjustment
Fork dia.	43 mm (1.69 in.)
Wheel travel	125 mm (4.92 in.)

## REAR SUSPENSION

Type	Progressive, Sachs single shock absorber with rebound and compression damping and spring preload adjustment
Single sided swing arm material	Aluminium alloy
Wheel travel	130 mm (5.12 in.)

## BRAKES

Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange
Front brake caliper	Brembo radial-type monobloc, with 4 pistons Ø 32 mm (Ø 1.26 in.)
Rear brake	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia.
Rear brake caliper	Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)
ABS System	Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

## WHEELS

Front: Material/size	Aluminium alloy 3.50" x 17"
Rear: Material/size	Aluminium alloy 5.50" x 17"

## TYRES

Front	120/70 - ZR 17 M/C (58 W)
Rear	180/55 - ZR 17 M/C (73 W)

## FAIRING

Material	Thermoplastic
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## CONTENTS

Exclusive content	Steering damper manually adjustable with 8 settings - MV Ride App - GPS sensor - Cruise control - Launch control - FLC (Front Lift Control) - Mobisat anti-theft system with geolocation
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## OPTIONAL

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

## EMISSIONS

Environmental Standard	Euro 5
Combined fuel consumption	5.9 l/100 km
CO <sub>2</sub> Emissions	138 g/km



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	Fifth gear 21/30
	Sixth gear 22/29
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