



Motorcycle Art
SINCE 1945



BRUTALE R

MY 2023_TECHNICAL DATA



BRUTALE R

NEW
MODEL '23



METALLIC CARBON BLACK (GLOSS)

NEW
MODEL '23



METALLIC MADNESS RED (GLOSS)/
METALLIC CARBON BLACK (GLOSS)



* Top speed attained on closed course.
** Limited power version (35 kW) available on demand only for European market.

Every country could have a price variation due to local import duties and taxes.

MY 23 - 07/11/22

ENGINE

Type	Three cylinders, 4 stroke, 12 valves
Timing system	"D.O.H.C" with mechanical chain tensioner and DLC tappet
Total displacement	798 cm³ (48.7 cu. in.)
Compression ratio	12.3:1
Starting	Electric
Bore x stroke	79 mm x 54.3 mm (3.1 in. x 2.1 in.)
Max. power - r.p.m. (at the crankshaft)**	82 kW (112 hp) at 11.000 r.p.m.
Max. torque - r.p.m.	85 Nm (8.67 kgm) at 8.500 r.p.m.
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 47 mm diameters full ride by wire Mikuni, pencil-coil. 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	16/35
Third gear	18/32
Fourth gear	20/30
Fifth gear	22/29
Sixth gear	21/25
Final drive ratio	16/41

ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	350 W at 5.000 r.p.m.
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 (385.8 lbs.)
Fuel tank capacity	16,5 l (4.36 U.S. gal.)

PERFORMANCE

Maximum speed*	237.0 km/h (147.2 mph)
Acceleration*	0-100 km/h in 3.75 s 0-200 km/h in 12.30 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 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	MV Ride App - GPS sensor - Cruise control
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OPTIONAL

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

Environmental Standard	Euro 5
Combined fuel consumption	5.1 l/100 km
CO ₂ Emissions	117 g/km