



BRUTALE R

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

Three cylinders, 4 stroke, 12 valves
“D.O.H.C” with mechanical chain tensioner and DLC tappet
798 cm³ (48.7 cu. in.)
12.3:1
Electric
79 mm x 54.3 mm (3.1 in. x 2.1 in.)
82 kW (112 hp) at 11.000 rpm
85 Nm (8.67 kgm) at 8.500 rpm
Cooling with separated liquid and oil radiators
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 with ion-sensing technology, control of detonation and misfire. Torque control with four maps. Traction control with eight levels of intervention and lean angle sensor

Electronic quick shift

Clutch

MV EAS 3.0 (Electronically Assisted Shift Up & Down)

Multi-disk wet clutch with hydraulic actuation and back torque limiting device

Transmission
Primary drive
Gear ratio

Cassette style; six speed, constant mesh
22/41

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

13/37
16/35
18/32
20/30
22/29
21/25
16/41

Final drive ratio

ELECTRICAL EQUIPMENT

Voltage
Alternator
Battery

12 V
350 W at 5.000 rpm
12 V – 8.5 Ah

DIMENSIONS AND WEIGHT

Wheelbase
Overall length
Overall width
Saddle height
Min. ground clearance
Trail
Mass in running order (without fuel)
Fuel tank capacity

1.400 mm (55.12 in.)
2.045 mm (80.51 in.)
875 mm (34.45 in.)
830 mm (32.68 in.)
135 mm (5.31 in.)
103.5 mm (4.07 in.)
194 kg (427.7 lbs.)
16,5 l (4.36 U.S. gal.)

PERFORMANCE

Maximum speed**
Acceleration**

237.0 km/h (147.2 mph)
0-100 km/h in 3.75 s 0-200 km/h in 12.30 s

FRAME

Type
Rear swing arm pivot plates material

ALS Steel tubular trellis
Aluminium alloy

FRONT SUSPENSION

Type

Marzocchi “UPSIDE DOWN” telescopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment
43 mm (1.69 in.)
125 mm (4.92 in.)

Fork dia.
Wheel travel

REAR SUSPENSION

Type

Progressive, Sachs single shock absorber with rebound and compression damping and spring preload adjustment

Single sided swing arm material
Wheel travel

Aluminium alloy
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 Brembo radial-type, with 4 pistons Ø 32 mm (Ø 1.26 in.)
Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. Brembo with 2 pistons – Ø 34 mm (Ø 1.34 in.)

Front brake caliper

Rear brake
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

Aluminium alloy 3.50” x 17”
Aluminium alloy 5.50” x 17”

TYRES

Front
Rear

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

FAIRING

Material

Thermoplastic

CONTENTS

Exclusive content

MV Ride App – GPS sensor – Bluetooth
Cruise control

OPTIONAL

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

EMISSIONS

Environmental Standard
Combined fuel consumption
CO₂ Emissions

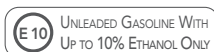
Euro 5
5.1 l/100 km
117 g/km



METALLIC CARBON BLACK (GLOSS)



METALLIC MADNESS RED/
METALLIC CARBON BLACK



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

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

MY 24 – 17/09/24



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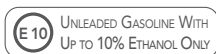
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MY 24 – 17/09/24 USA