



BRUTALE 1000 RR OTTANTESIMO

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.)
148 kW (201 hp) at 13.500 rpm
116 Nm (11,8 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 3.0, 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).

Electronic quick-shift
Clutch

MV EAS 4.0 (Electronically Assisted Shift Up & Down)
Wet, 10-disc, assist and slipper clutch with back torque limiting device and Brembo radial master cylinder/lever assembly

Transmission
Primary drive
Gear ratio

Cassette style; six speed, constant mesh
48/82

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

13/39
16/35
18/32
20/30
22/28
24/27
15/44

Final drive ratio

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
Mass in running order (without fuel)
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.)
203 kg (447.54 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
Fork dia.
Wheel travel

Öhlins Smart EC 3.0 hydraulic "upside down" front forks with TiN superficial treatment, adaptive electronically controlled, manually controlled spring preload.
43 mm (1.69 in.)
130 mm (5.1 in.)

REAR SUSPENSION

Type
Single sided swing arm material
Wheel travel

Progressive, Öhlins EC 3.0 TTX single shock absorber adaptive electronically controlled and manual spring preload

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) - Advanced connectivity device "DC2 Connect", integrated anti-theft system with geolocation - Certificate of authenticity

OPTIONAL

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

EMISSIONS

Environmental Standard

Euro 5+



FIRE RED/MATT AGO SILVER



* Speed attained on closed course.

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

MY 24 - 28/10/24

MV Agusta is committed to the constant improvement of our products. Therefore the information and technical characteristics of the vehicles are subject to change without notice.



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