

RVS #1



METAL CARBON BLACK / METAL ANTHRACITE

ENGINE	
Type	Three cylinder, 4 stroke, 12 valve
Timing system	"D.O.H.C." with mechanical chain tensioner
Total displacement	798 cm ³ (48.68 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 - r.p.m. (at the crankshaft)**	103 kW (140 hp) at 12.500 r.p.m. 110 kW (150 hp) at 12.800 r.p.m.***

Max. torque - r.p.m.	87 Nm (8.87 kgm) at 10.100 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Integrated ignition - injection system MVICS 2.0 (Motor & Vehicle Integrated Control System) with six injectors. Engine control unit Eldor EM2.0, throttle body full drive 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 2.0 (Electronically Assisted Shift up & down)
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Clutch	Multi-disk wet clutch with hydraulic actuation
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Transmission	Cassette style; six speed, constant mesh
Primary drive	19/36
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 5000 r.p.m.
Battery	12 V - 8.6 Ah

DIMENSIONS AND WEIGHT	
Wheelbase	1380 mm (54.30 in.)
Overall length	2060 mm (81.06 in.)
Overall width	815 mm (32.09 in.)
Saddle height	820 mm (32.28 in.)
Min. ground clearance	149 mm (5.86 in.)
Trail	95 mm (3.74 in.)
Dry weight	168 kg (370.4 lbs.) - 160 kg (352.7 lbs.)***
Fuel tank capacity	16.5 l (4.36 U.S. gal.)

PERFORMANCE	
Maximum speed*	245.0 km/h (153.1 mph)

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

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

BRAKES	
Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel Braking Bat Fly disks
Front brake caliper	Brembo radial-type, with 4 pistons Ø 32 mm (Ø 1.26 in.)
Rear brake	Single Wave steel disc with Ø 220 mm (Ø 8.66 in.)
Rear brake caliper	Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)
ABS System	Bosch 9 Plus with RLM (Rear wheel Lift-up Mitigation)

WHEELS	
Front: Material/size	With aluminium alloy spokes 3.50" x 17"
Rear: Material/size	With aluminium alloy spokes 6.00" x 17"

TYRES	
Front	Pirelli MT 60 RS WF 120/70 - ZR 17 M/C (58 W)
Rear	Pirelli MT 60 RS WR 180/55 - ZR 17 M/C (73 W)

FAIRING	
Material	Carbon fiber and thermoplastic

EMISSIONS	
Environmental Standard	Euro 4
Combined fuel consumption	6,8 l/100 km
CO ₂ Emissions	163 g/km

* Top speed attained on closed course.

** Limited power versions available on demand.

*** Kit SC Exhaust and ECU Map version

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

RVS #1

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.

RSV #1 RACING PARTS KIT:

- MOTORCYCLE COVER
- WELCOME KIT WITH CERTIFICATE OF ORIGIN
- "QUICK RELEASE" FUEL TANK CAP
- ENGINE OIL CAP BLACK ERGAL
- RACING EXHAUST SILENCER WITH MOUNTING KIT
- ECU WITH RACING MAP
- RH TITANIUM FOOTREST PROTECTION
- RH AIR SCOOP WITH LAMPS AND DEDICATED FIXING KIT
- ERGAL CLUTCH COVER PROTECTION
- COMPLETE SUPPORT FOR ERGAL FRAME PROTECTION (RH/LH SIDE)
- ENGINE PICK-UP PROTECTION
- ERGAL REARVIEW MIRROR
- ERGAL REARVIEW MIRROR CONNECTION BUSHING
- TITANIUM AND ERGAL FRONT BRAKE LEVER PROTECTION
- TITANIUM AND ERGAL CLUTCH LEVER PROTECTION



CONTENTS

Steering damper	Manually adjustable with 8 settings
Headlight	Adaptive full LED

TITANIUM COMPONENTS

Upper triple clamp plate - Footrest support protection - Front brake and clutch levers protections - Inserts for fuel tank - SC Project exhaust silencer

CARBON FIBER COMPONENTS

Rear swingarm protection cover - Painted rear mudguard - Airbox side fairings - RH/LH radiator air scoops and RH air scoop with lamps - Upper and lower chain guards
Fuel tank protection cover - Complete front mudguard

SPECIAL COMPONENTS

Adaptive full LED headlight - Headlight support - Dashboard support - Braking front and rear brake disk - Special handgrips - CNC rearview mirrors (by CRC) - RH/LH lever protections - CNC rear license plate holder arm
CNC license plate light - CNC rear swingarm protection - CNC clutch lever - CNC front brake lever - LED turn indicators - Seat personalized with hexagonal graphic stitching - Frame side plates and tail piece with surface aluminum machining - CNC adjustable footrest supports
CNC special footrests - Special semi-handlebars - Special upper triple clamp - Clutch crankcase protection cover - CNC wheel nut and crown wheel nut - Generator crankcase protection cover, clutch protection cover
RH/LH engine side protections obtained by CNC - Front and rear wheels with milling on channel - Rear lights with smoke-grey colour lens - Special painting

EQUIPMENT COMPONENTS

SC Project exhaust silencer - Power unit for SC exhaust silencer (with special mapping)
Motorcycle cover - Welcome kit with RVS certificate of origin - Carbon fiber RH radiator LED side lamps - RH footrest support protection - Racing fuel tank cap - Wooden container case