



TURISMO VELOCE LUSO SCS

MY 2023_TECHNICAL DATA



TURISMO VELOCE LUSSO SCS

ENGINE

Type
Timing system

Total displacement
Compression ratio
Starting
Bore x stroke
Max. power – r.p.m. (at the crankshaft)*
Max. torque – r.p.m.
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.)
81 kW (110 hp) at 11.000 r.p.m.
84 Nm (8.57 kgm) at 8.500 r.p.m.
Cooling with separated liquid and oil radiators
Integrated ignition – injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with three 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 with lean angle sensor
MV EAS 3.0 (Electronically Assisted Shift Up & Down)

Electronic quick shift

Clutch

S.C.S. 2.0 (Smart Clutch System) Radius CX automatic clutch with hydraulic clutch actuation, wet multi-disc

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

13/40
16/35
18/30
21/29
23/28
26/29
16/39

Final drive ratio

ELECTRICAL EQUIPMENT

Voltage
Alternator
Battery

12 V
450 W at 5.000 r.p.m.
12 V – 11 Ah

DIMENSIONS AND WEIGHT

Wheelbase
Overall length
Overall width
Saddle height
Min. ground clearance
Trail
Dry weight
Fuel tank capacity

1.445 mm (56.89 in.)
2.125 mm (83.66 in.)
910 mm (35.83 in.)
830 mm (32.68 in.)
140 mm (5.51 in.)
108 mm (4.25 in.)
199 kg (438.72 lbs.)
21.5 l (5.68 U.S. gal.)

PERFORMANCE

Maximum speed*
Acceleration*

230 km/h (143 mph)
0–100 km/h in 3.75 s 0–200 km/h in 15.00 s

FRAME

Type
Rear swing arm pivot plates material

ALS Steel tubular trellis (MAG welded)
Aluminium alloy

FRONT SUSPENSION

Type

Fork dia.
Wheel travel

Sachs “UPSIDE DOWN” semi-active telescopic hydraulic fork MVCSC (MV Agusta Chassis Stability Control)
43 mm (1.69 in.)
160 mm (6.30 in.)

REAR SUSPENSION

Type

Single sided swing arm material
Wheel travel

Progressive, Sachs semi-active single shock absorber with hydraulic spring preload adjustment MVCSC (MV Agusta Chassis Stability Control)
Aluminium alloy
165 mm (6.50 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

Parking brake

integrated in the rear hydraulic brake system

WHEELS

Front: Material/size
Rear: Material/size

Aluminium alloy 3.50” x 17”
Aluminium alloy 6.00” x 17”

TYRES

Front
Rear

120/70 – ZR 17 M/C (58 W)
190/55 – ZR 17 M/C (75 W)

FAIRING

Material

Thermoplastic

CONTENTS

Included accessories

Heated Grips – Bluetooth – Cruise control – GPS sensor – Central stand – Adjustable windshield
Bags 34 l (8.98 U.S. gal. each) – MV Ride App
Mobisat anti-theft with geolocation

OPTIONAL

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

EMISSIONS

Environmental Standard
Combined fuel consumption
CO₂ Emissions

Euro 5
5.5 l/100 km
128 g/km

SCS
BRONZE
COLOR '23



METALLIC CARBON BLACK (GLOSS)/
MATT METALLIC DARK GREY

SCS
BRONZE
COLOR '23



FIRE RED (GLOSS)/
MATT METALLIC DARK GREY



* Speed attained on closed course.
Every country could have a price variation due to local import duties and taxes.

MY 23 – 07/11/22