



Motorcycle Art
SINCE 1945



SUPERVELOCE S

MY 2023_TECHNICAL DATA



SUPERVELOCE S

NEW
COLOR '23



SILVER IRIDUM (GLOSS)/
MATT GOLD



METALLIC CARBON BLACK (GLOSS)/
MATT METALLIC CARBON BLACK/
MATT GOLD



* Speed attained on closed course.
** Racing Kit with Arrow exhaust and dedicated ECU map
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	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)	108 kW (147 hp) at 13.000 r.p.m. 112.5 kW (153 hp) at 13.250 r.p.m.**
Max. torque - r.p.m.	88 Nm (8.98 kgm) at 10.100 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Integrated ignition - injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with six injectors. Engine control unit Eldor Nemo 2.1, 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 eight levels of intervention

Electronic quick shift	MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Clutch	Wet, multi-disc slipper clutch
Transmission	Cassette style; six speed, constant mesh
Primary drive	22/41
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	17/43

ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	350 W at 5.000 r.p.m.
Battery	12 V - 8.6 Ah

DIMENSIONS AND WEIGHT

Wheelbase	1.380 mm (54.33 in.)
Overall length	2.015 mm (79.92 in.)
Overall width	760 mm (28.74 in.)
Saddle height	830 mm (32.68 in.)
Min. ground clearance	120 mm (4.72 in.)
Trail	99 mm (3.89 in.)
Dry weight	173 kg (381.4 lbs.) - 165 kg (363,8 lbs.)**
Fuel tank capacity	16,5 l (4.36 U.S. gal.)

PERFORMANCE

Maximum speed*	240.0 km/h (149.1 mph)
Acceleration*	0-100 km/h in 3.05 s 0-200 km/h in 9.00 s

FRAME

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

FRONT SUSPENSION

Type	Marzocchi "UPSIDE DOWN" telescopic hydraulic aluminium fork with TIN treatment 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
Aluminium alloy	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 Brembo radial-type Stylema, with 4 pistons Ø 34 mm (Ø 1.34 in.)
Front brake caliper	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.) Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function
Rear brake	Alloy spoke wheel 3.50" x 17"
Rear brake caliper	Alloy spoke wheel 5.50" x 17"
ABS System	

WHEELS

Front: Material/size	
Rear: Material/size	

TYRES

Front	120/70 - ZR 17 M/C (58 W)
Rear	180/55 - ZR 17 M/C (73 W)

FAIRING

Material	Thermoplastic -Aluminium
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CONTENTS

Titanium components	Intake and exhaust valves
Exclusive content	Dashboard TFT 5.5" color display - Cruise control
	Launch control - Bluetooth - GPS - MV Ride App for navigation mirroring, app-controlled engine, rider aids setup - Fuel Cap (with leather strap) - Alcantara rider and passenger seat cover - Mobisat anti-theft with geolocation

RACING KIT**

Racing Kit Box: Euro 5 approved Arrow triple-outlet exhaust control unit + ECU dedicated maps - Rear seat cover

OPTIONAL

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

EMISSIONS

Environmental Standard	Euro 5
Combined fuel consumption	6.1 l/100 km
CO ₂ Emissions	139 g/km