



# SUPERVELOCE S



SUPERVELOCE S RACING KIT

NEW  
COLOR '23



SILVER IRIDUM (GLOSS)/  
MATT GOLD (RACING KIT\*\*)



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

E10 SOLO BENZINA SENZA PIOMBO  
ETANOLO FINO AL 10% DI VOLUME

\* 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 - 22/05/23

## ENGINE

Type Three cylinders, 4 stroke, 12 valves  
Timing system "D.O.H.C" with mechanical chain tensioner and DLC tappet

Total displacement 798 cm<sup>3</sup> (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 - rpm (at the crankshaft) 108 kW (147 hp) at 13.000 rpm  
112.5 kW (153 hp) a 13.250 rpm\*\*  
Max. torque - rpm 88 Nm (8.98 kgm) at 10.100 rpm  
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 rpm  
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 fork with TiN low friction treatment; external compression, rebound and spring preload 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  
Single sided swing arm material 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 30 mm (Ø 1.18 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.)  
Rear brake Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function  
Rear brake caliper

ABS System

## WHEELS

Front: Material/size Alloy spoke wheel 3.50" x 17"  
Rear: Material/size Alloy spoke wheel 5.50" x 17"

## TYRES

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

## FAIRING

Material Thermoplastic -Aluminium belly-pan

## CONTENTS

Titanium components Intake and exhaust valves  
Exclusive content Dashboard TFT 5.5" color display - Cruise control Launch control - FLC (Front Lift 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 system with geolocation

## RACING KIT\*\*

Arrow triple-outlet exhaust, ECU with dedicated map - 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<sub>2</sub> Emissions 139 g/km



# SUPERVELOCE S



SUPERVELOCE S DEDICATED KIT

NEW  
COLOR '23



SILVER IRIDUM (GLOSS)/  
MATT GOLD (SPECIAL PARTS KIT\*\*)



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



\* Speed attained on closed course.

\*\*Special Parts version with optional exhaust and ECU map. The items have been developed and are intended for closed course competition use and racing applications only.

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

MY 23 - 22/05/23 USA

## ENGINE

Type  
Timing system

Three cylinders, 4 stroke, 12 valves  
"D.O.H.C" with mechanical chain tensioner and DLC tappet

Total displacement  
Compression ratio  
Starting  
Bore x stroke  
Max. power - rpm (at the crankshaft)

798 cm<sup>3</sup> (48.7 cu. in.)  
13.3:1  
Electric  
79 mm x 54.3 mm (3.1 in. x 2.1 in.)  
108 kW (147 hp) at 13.000 rpm  
112.5 kW (153 hp) a 13.250 rpm\*\*  
88 Nm (8.98 kgm) at 10.100 rpm  
Cooling with separated liquid and oil radiators

Max. torque - rpm  
Cooling system

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  
Primary drive  
Gear ratio

Cassette style; six speed, constant mesh  
22/41

First gear: 13/37  
Second gear: 16/34  
Third gear: 18/32  
Fourth gear: 19/30  
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Sixth gear: 22/29

Final drive ratio

17/43

## ELECTRICAL EQUIPMENT

Voltage  
Alternator  
Battery

12 V  
350 W at 5.000 rpm  
12 V - 8.6 Ah

## DIMENSIONS AND WEIGHT

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

1.380 mm (54.33 in.)  
2.015 mm (79.92 in.)  
760 mm (28.74 in.)  
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120 mm (4.72 in.)  
99 mm (3.89 in.)  
173 kg (381.4 lbs.) - 165 kg (363,8 lbs.)\*\*  
16,5 l (4.36 U.S. gal.)

## PERFORMANCE

Maximum speed\*  
Acceleration\*

240.0 km/h (149.1 mph)  
0-100 km/h in 3.05 s 0-200 km/h in 9.00 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 TiN low friction treatment; external compression, rebound and spring preload adjustment

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125 mm (4.92 in.)

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Type

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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 Stylema, with 4 pistons Ø 30 mm (Ø 1.18 in.)

Front brake caliper

Rear brake  
Rear brake caliper

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ABS System

Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

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Rear

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## FAIRING

Material

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Exclusive content

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## DEDICATED KIT

Rear seat cover - Elegant welcome kit box

## SPECIAL PARTS KIT\*\*

Arrow triple-outlet exhaust, ECU with dedicated map

## OPTIONAL

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

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.