



Motorcycle Art  
SINCE 1945

# SUPERVELOCE S

MY 2023\_TECHNICAL DATA





# SUPERVELOCE S



RACING KIT SUPERVELOCE S

NEW  
COLOR '23



ARGENTO IRIDUM/  
ORO OPACO (RACING KIT\*\*)



NERO CARBON METALLIZZATO/  
NERO CARBON METALLIZZATO OPACO/  
ORO OPACO

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

\* Velocità raggiungibile in pista

\*\* Versione Racing Kit con scarico Arrow e mappa dedicata

MY 23 - 13/07/23

## MOTORE

Tipo  
Distribuzione

Cilindrata totale  
Rapporto di compressione  
Avviamento  
Alesaggio per corsa  
Potenza max. a giri/min (all'albero)

Coppia massima giri/min  
Raffreddamento  
Accensione - Iniezione

Sistema cambio elettronico

Frizione

Cambio velocità

Rapporti primaria  
Rapporti cambio

Prima velocità  
Seconda velocità  
Terza velocità  
Quarta velocità  
Quinta velocità  
Sesta velocità

Rapporto finale di trasmissione

## IMPIANTO ELETTRICO

Tensione impianto  
Alternatore  
Batteria

## DIMENSIONI E PESO

Interasse  
Lunghezza totale  
Larghezza max.  
Altezza sella  
Altezza min. da terra  
Avancorsa  
Peso a secco  
Capacità serbatoio carburante

## PRESTAZIONI

Velocità max.\*  
Accelerazione\*

## TELAIO

Tipo  
Materiale piastre fulcro forcellone

Tre cilindri, 4 tempi, 12 valvole  
Doppio albero a camme in testa, con  
tenditore meccanico e bicchierini DLC  
798 cm<sup>3</sup>

13,3:1  
Elettrico  
79 mm x 54,3 mm  
108 kW (147 CV) a 13.000 giri/min  
112,5 kW (153 CV) a 13.250 giri/min\*\*  
88 Nm (8,98 kgm) a 10.100 giri/min  
A liquido e olio con radiatori separati  
Sistema integrato di accensione-iniezione  
MVICS 2.1 (Motor & Vehicle Integrated Control  
System) con sei iniettori. Centralina di controllo  
motore Eldor Nemo 2.1; corpo farfallato  
diametro 50 mm full ride by wire Mikuni; bobine  
pencil-coil dotate di tecnologia "ion-sensing",  
controllo della detonazione e misfire.  
Controllo di coppia con 4 mappe. Traction  
Control ad 8 livelli di intervento

MV EAS 3.0 (Electronically Assisted Shift  
Up & Down)  
Multidisco in bagno d'olio con dispositivo  
antisaltellamento meccanico

Estraibile a sei velocità con ingranaggi  
sempre in presa  
22/41

13/37  
16/34  
18/32  
19/30  
21/30  
22/29  
17/43

12 V  
350 W a 5.000 giri/min  
12 V - 8,6 Ah

1.380 mm  
2.015 mm  
760 mm  
830 mm  
120 mm  
99 mm  
173 kg - 165 kg\*\*  
16,5 l

240,0 km/h  
0-100 km/h in 3.05 s 0-200 km/h in 9.00 s

Tubolare a traliccio in acciaio ALS  
Legna di alluminio

## SOSPENSIONE ANTERIORE

Tipo

Ø Steli  
Escursione ruota

## SOSPENSIONE POSTERIORE

Tipo

Materiale forcellone monobraccio  
Escursione ruota

## FRENI

Anteriore

Pinza freno anteriore

Posteriore  
Pinza freno posteriore

Sistema ABS

## CERCHI

Anteriore: Materiale / dimensioni  
Posteriore: Materiale / dimensioni

## PNEUMATICI

Anteriore  
Posteriore

## CARROZZERIA

Materiali

## CONTENUTI

Componenti in titanio

Contenuti esclusivi

## RACING KIT\*\*

## OPTIONAL

## EMISSIONI

Norma ambientale  
Consumo carburante combinato  
Emissioni di CO<sub>2</sub>

Forcella Marzocchi oleodinamica a steli  
rovesciati con trattamento TIN e con sistema  
di regolazione esterno e separato del freno  
in estensione, in compressione e del  
precarico molla  
43 mm  
125 mm

Progressiva, monoammortizzatore Sachs  
regolabile in estensione, in compressione  
e nel precarico molla  
Legna di alluminio  
130 mm

A doppio disco flottante (Ø 320 mm) con  
fascia frenante e flangia in acciaio  
Radiale Brembo Stylema monoblocco a  
4 pistoncini (Ø 30 mm)  
A disco in acciaio (Ø 220 mm)  
Brembo a 2 pistoncini (Ø 34 mm)

Continental MK100 con RLM (Rear Wheel  
Lift-up Mitigation) e con funzione cornering

A raggi in lega di alluminio 3,50" x 17"  
A raggi in lega di alluminio 5,50" x 17"

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

Termoplastici - Sottocarena in alluminio

Valvole aspirazione e valvole scarico

Cruscotto TFT 5.5" con display a colori - Cruise  
control - Launch control - FLC (Front Lift  
Control) - Collegamento Bluetooth - Sensore GPS  
MV Ride App per mirroring indicazioni di naviga-  
zione, setup elettronico di motore e veicolo  
Tappo carburante (con cinghia in cuoio) - Sella  
pilota e passeggero in Alcantara - Cerchi a  
raggi - Antifurto Mobisat con geolocalizzazione

Silenziatore Arrow a "3 vie" con centralina  
dedicata - Copricodino sella passeggero

Visita il nostro sito per conoscere tutta la  
gamma delle parti speciali disponibili

Euro 5  
6.1 l/100 km  
139 g/km

MV Agusta è impegnata in una politica di continuo miglioramento dei propri prodotti. Pertanto le informazioni e le caratteristiche tecniche dei veicoli possono essere oggetto di modifiche senza preavviso.



# 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 UNLEADED GASOLINE WITH  
UP TO 10% ETHANOL ONLY

\* 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 - 13/07/23

## 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 (79.33 in.)  
Overall width 760 mm (29.92 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 monobloc, 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  
Rear brake caliper

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

## 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

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# SUPERVELOCE S NORTH AMERICA VERSION



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 - 19/09/23 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  
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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 (79.33 in.)  
760 mm (29.92 in.)  
830 mm (32.68 in.)  
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

Fork dia.  
Wheel travel

43 mm (1.69 in.)  
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  
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 monobloc, 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

## WHEELS

Front: Material/size  
Rear: Material/size

Alloy spoke wheel 3.50" x 17"  
Alloy spoke wheel 5.50" x 17"

## TYRES

Front  
Rear

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

## FAIRING

Material

Thermoplastic -Aluminium belly-pan

## CONTENTS

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Intake and exhaust valves

Exclusive content

Dashboard TFT 5.5" color display - Cruise control  
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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

## DEDICATED KIT

Rear seat cover - Elegant welcome kit box

## SPECIAL PARTS KIT\*\*

Arrow triple-outlet exhaust, ECU with dedicated map

## OPTIONAL

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