



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 cm³

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 CO₂

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



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 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 - 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 (79.33in.)
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
CO₂ Emissions 139 g/km

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.



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.

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MY 23 - 13/07/23 USA

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Timing system

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DEDICATED KIT

Rear seat cover - Elegant welcome kit box

SPECIAL PARTS KIT**

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