



Motorcycle Art
SINCE 1945



SUPERVELOCE 1000 SERIE ORO

TECHNICAL DATA



SUPERVELOCE 1000 SERIE ORO

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

Four cylinders, 4 stroke, 16 valves, with countershaft "D.O.H.C.", radial valve and DLC tappet
998 cm³ (60.9 cu. in.)
13.4:1
Electric
79 mm x 50.9 mm (3.1 in. x 2.0 in.)
153,0 kW (208 hp) at 13.000 r.p.m.
116,5 Nm (11,9 kgm) at 11.000 r.p.m.
Cooling with separated liquid and oil radiators
Integrated ignition - injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with eight injectors (4 lower fuel injectors by Mikuni + 4 upper fuel injectors by Magneti Marelli with increased fuel flow). 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 8 levels + off and wheelie control with inertial platform

Electronic quick-shift
Clutch

MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Wet, multi-disc with back torque limiting device and Brembo radial pump/lever assembly
Cassette style; six speed, constant mesh
48/82

Transmission
Primary drive
Gear ratio

First gear speed
Second gear speed
Third gear speed
Fourth gear speed
Fifth gear speed
Sixth gear speed

14/37
16/33
18/31
20/30
22/29
21/25
15/41

Final drive ratio

ELECTRICAL EQUIPMENT

Voltage
Alternator
Battery

12 V
350 W at 5.000 r.p.m.
Li-ion 12 V - 4.0 Ah

DIMENSIONS AND WEIGHT

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

1.415 mm (55.71 in.)
2080 mm (81.89 in.)
940 mm (37.01 in.)
845 mm (33.27 in.)
122 mm (4.8 in.)
87 mm (3.43 in.)
194 kg (427.7 lbs.) - 192 kg (423.29 lbs.)**
16 l (4.23 U.S. gal.)

PERFORMANCE

Maximum speed*

over 300 km/h (186 mph)

FRAME

Type
Rear swing arm pivot plates material

CrMo Steel tubular trellis
Aluminium alloy - Adjustable swingarm pivot height

FRONT SUSPENSION

Type

Öhlins Nix EC hydraulic "upside down" front forks with TiN superficial treatment. Completely adjustable with electronically controlled compression and rebound damping with manually controlled spring preload.
43 mm (1.69 in.)
120 mm (4.72 in.)

Fork dia.
Wheel travel

REAR SUSPENSION

Type

Progressive, single shock absorber Öhlins EC TTX completely adjustable with electronically controlled compression and rebound damping and spring preload

Single sided swing arm material
Wheel travel

Aluminium alloy
120 mm (4.72 in.)

BRAKES

Front brake

Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and aluminium flange - Brembo radial pump/level assembly

Front brake caliper

Brembo Stylema radial-type, single-piece with 4 pistons Ø 30 mm (Ø 1.18 in.)

Rear brake

Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. - Brembo PS13 brake pump

Rear brake caliper

Brembo with 2 pistons Ø 34 mm (Ø 1.34 in.)

ABS System

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

WHEELS

Front: Material/size
Rear: Material/size

Aluminium alloy 3,50 " x 17 "
Aluminium alloy + spokes 6,00 " x 17 "

TYRES

Front
Rear

120/70 - ZR 17 M/C (58 W)
200/55 - ZR 17 M/C (78 W)

FAIRING

Material

Carbon fiber and thermoplastic material

CONTENTS

Steering damper

Öhlins EC with electronic manual and automatic adjustment modes

Carbon components

Front fairing cover and support - Front fairing LH/RH
Aerodynamic wing LH/RH - Side fairing LH/RH
Air intake LH / RH - Belly pan rear spoiler - Airbox cover - Fuel tank cover LH/RH - Tail cover LH/RH
Underseat cover - Passenger seat cover
Headlight support cover - Air intake cover LH/RH
Oil radiator protection LH/RH - Radiator cover
Exhaust silencer protection LH/RH - Brake disc cover LH/RH - Front mudguard

Exclusive features

Lighter crankshaft - Lighter pistons
Titanium connecting rods - Dashboard TFT 5.5" color display - Cruise control - Bluetooth - GPS
MV Ride App for navigation mirroring, app-controlled engine, suspension and rider aids setup - Launch Control - FLC Front lift control
Mobsat anti-theft system 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
6.8 l/100 km
158 g/km



PEARL SHOCK RED/
AGO SILVER (GLOSS)



UNLEADED GASOLINE WITH
UP TO 10% ETHANOL ONLY

* Speed attained on closed course.

** Racing Kit version, with exhaust and ECU map.

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