

# TURISMO VELOCE

## 800

### ENGINE

Type	Three cylinder, 4 stroke, 12 valve
Timing system	"D.O.H.C"
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 - r.p.m. (at the crankshaft)**	92 kW (125 hp) at 11.600 r.p.m.
Max. torque - r.p.m.	84 Nm (8.6 kgm) at 8.600 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Integrated ignition - injection system MVICS 2.0 (Motor & Vehicle Integrated Control System) with three injectors. Engine control unit Eldor EM2.0, throttle body full drive 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 2.0 (Electronically Assisted Shift)
Clutch	Wet, multi-disc
Transmission	Cassette style; six speed, constant mesh
Primary drive	19/36
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	16/41

### ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	450 W at 5000 r.p.m.
Battery	12 V - 11 Ah

### DIMENSIONS AND WEIGHT

Wheelbase	1420 mm (55,80 in.)
Overall length	2080 mm (81.84 in.)
Overall width	900 mm (35,41 in.)
Saddle height	870 mm (34,23 in.)
Min. ground clearance	140 mm (5,51 in.)
Trail	108 mm (4,25 in.)
Dry weight	194 kg (427,7 lbs.)
Fuel tank capacity	20 l (5,28 U.S. gal.)

### PERFORMANCE

Maximum speed*	240 km/h (149.1 mph)
----------------	----------------------

### FRAME

Type	ALS Steel tubular trellis (MAG welded)
Rear swing arm pivot plates material	Aluminium alloy

### FRONT SUSPENSION

Type	Marzocchi "UPSIDE DOWN" telescopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment
Fork dia.	43 mm (1,69 in.)
Fork travel	160 mm (6,30 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	160 mm (6,30 in.)

### BRAKES

Front brake	Double floating disc with Ø 320 mm (Ø 12,6 in.) diameter, with steel braking disc and flange
Front brake caliper	Brembo radial-type, with 4 pistons Ø 32 mm (Ø 1,26 in.)
Rear brake	Single steel disc with Ø 220 mm (Ø 8,66 in.) dia.
Rear brake caliper	Brembo with 2 pistons - Ø 34 mm (Ø 1,34 in.)
ABS System	Bosch 9 Plus with RLM (Rear wheel Lift-up Mitigation)

### WHEELS

Front: Material/size	Aluminium alloy 3.50" x 17"
Rear: Material/size	Aluminium alloy 5.50" x 17"

### TYRES

Front	120/70 - ZR 17 M/C (58 W)
Rear	190/55 - ZR 17 M/C (75 W)

### FAIRING

Material	Thermoplastic
----------	---------------

### ORIGINAL EQUIPMENT

Included accessories	Immobilizer - Bluetooth
----------------------	-------------------------



SILVER

\* Top speed attained on closed course.

\*\* Limited power versions available on demand.

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