



MOTO GUZZI BREVA 1200

ENGINE

Engine	Four-stroke V 90 twin
Cooling	Air cooled
Capacity	1,151 cc
Bore and stroke	95 x 81.2 mm
Compression ratio	9.8 : 1
Timing	2 valves per cylinder commanded by light alloy cam acting on rocker arm and mechanical tappets
Timing diagram	Intake valve opening 24 ° before upper TDC. Intake valve closing 52 ° after lower TDC. Exhaust valve opening 54 ° before lower TDC. Exhaust valve closing 22 ° after upper TDC.
Maximum power output	Over 66 kW (95 CV) at 7,500 rpm
Max Torque	Over 100 Nm at 5,800 rpm
Fuel supply/ignition	Multipoint sequential electronic injection, Magneti Marelli IAW 5A phased, alfa-n system; 2 Ø 45 mm throttle bodies with Weber IWP 162 injectors, Lambda probe and twin spark plugs.
Starter	Electric
Spark plugs	Inner NGK PMR8B (Long Life) Outer NGK BPR6ES
Exhaust system	Stainless steel two-into-one 3 way catalysed with Lambda probe and height adjustable silencer.
Homologation	Euro 3

TRANSMISSION

Gearbox	6 speed – constantly engaged cogs with integrated flexible couplings
Gear ratios	1st 17/38 = 1 : 2.235 2nd 20/34 = 1 : 1.7 3rd 23/31 = 1 : 1.348 4th 26/29 = 1 : 1.115 5th 31/30 = 1 : 0.968 6th 29/25 = 1 : 0.862
Lubrication	Forced lubrication with lobe pump and pressure regulator
Primary drive	Helicoidal gears, ratio 24/35 = 1 : 1.458
Final drive	Shaft drive, ratio 12/44 = 1 : 3.667
Clutch	Dry mechanically operated twin plate

ELECTRICS

Voltage	12 V
Battery	12 V – 18 Ah
Alternator	12 V – 350 W

FRAME

Frame	Steel tubing
Wheelbase	1,495 mm
Rake	120 mm
Steering angle	25.50°
Front suspension	Marzocchi Ø 45 mm adjustable front forks
Front wheel travel	120 mm
Rear suspension	Single swingarm with progressive action – single rebound adjustable shock absorber with easy to operate pre-load setting knob
Rear wheel travel	140 mm
Front brakes	Twin floating 320 mm stainless steel discs, floating Brembo calipers with 4 opposed pistons.
Rear brakes	Single 282 mm fixed stainless steel disc, floating Brembo caliper with 2 parallel pistons.
ABS	Two channel ant-block system

WHEELS

Wheels	Three-spoked aluminium alloy
Front wheel	3.50" x 17"
Rear wheel	5.50" x 17"
Front tyre	120/70 ZR 17 M/C (59W) TL Roadtec Z6
Rear tyre	180/55 ZR 17 M/C (73W) TL Roadtec Z6

DIMENSIONS

Length	2,195 mm
Width	870 mm
Height	1,125 mm
Saddle height	800 mm
Minimum ground clearance	185 mm
Dry weight	236 kg
Fuel tank capacity	23 litres
Reserve	4 litres