



MOTO GUZZI BELLAGIO 940

ENGINE

Engine	Four-stroke V 90 twin
Cooling	Air cooled
Capacity	935.6 cc
Bore and stroke	95 x 66 mm
Compression ratio	10
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. measured with rocker arm/valve play
Maximum power output	55 KW at 7,200 rpm
Max Torque	78 Nm at 6,000 rpm
Fuel suppli	Multipoint sequential electronic injection, Magneti Marelli IAW phased, alfa-n system; 2 Ø 40 mm throttle bodies with Weber IW 031 injectors
Starter	Electric
Ignition	Digital electronic with Magneti Marelli IAW 15RC inductive discharge
Exhaust system	2 stainless steel pipes connected to 1 expansion chamber connected to two chromed steel silencers; 3-way catalyser with Lambda probe.

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	Very rigid high tensile steel tubular twin cradle
Wheelbase	1,570 mm
Rake	165 mm
Steering angle	28°
Front suspension	Marzocchi Ø 45 mm adjustable front forks
Front wheel travel	140 mm
Rear suspension	Single swingarm with progressive action – single rebound adjustable shock absorber with easy to operate pre-load setting knob
Rear wheel travel	120 mm
Front brakes	Twin floating 320 mm stainless steel discs, floating Brembo calipers with 2 parallel pistons.
Rear brakes	Single 282 mm fixed stainless steel disc, floating Brembo calipers with 2 parallel pistons.

WHEELS

Wheels	Spoked aluminium alloy (tubeless)
Front wheel	3.5" x 18"
Rear wheel	5.5" x 17"
Front tyre	120/70 ZR 18 M/C (59W) TL Roadtec Z6
Rear tyre	180/55 ZR 17 M/C (73W) TL Roadtec Z6

DIMENSIONS

Length	2,270 mm
Width	890 mm
Height	1,310 mm
Saddle height	780 mm
Minimum ground clearance	150 mm
Dry weight	224 kg
Fuel tank capacity	19 litres
Reserve	4 litres

