

Technical Data Sheet



MOTO GUZZI V7 CLASSIC

ENGINE

Type	Four-stroke V 90 twin
Capacity	744cc
Bore and stroke	80x74 mm
Compression ratio	9.6:1
Timing	2 valves per head operated by light alloy pushrods
Maximum power output	35.5 kW at 6,800 rpm (48.8 CV)
Max Torque	54.7 Nm at 3,600 rpm
Fuel supply	Weber-Marelli electronic fuel injection.
Exhaust system	Three-way catalyser with lambda probe

TRANSMISSION

Gearbox	5-speed
Gear ratios	1st 11/26 = 1 : 2.3636 2nd 14/23 = 1 : 1.6429 3rd 18/23 = 1 : 1.2778 4th 18/19 = 1 : 1.0556 5th 20/18 = 1 : 0.9
Lubrication	Forced lubrication with lobe pump – capacity 1.78 kg
Primary drive	Helicoidal gears, ratio 16/21=1 : 1.3125
Final drive	Shaft drive, ratio 4.825
Clutch	Dry single plate with flexible couplings

ELECTRICS

Voltage	12 V
Battery	12 V - 14 Amp/h
Alternator	12 V - 330 Watt
Headlight	12 V - 55/60 W
Rear light	12V - 5/21 W
Indicators	12V - 10 W

FRAME

Frame	ALS steel tubular dismountable twin cradle
Wheelbase	1,449 mm
Trail	109
Steering rake	27°50'
Front suspension	Marzocchi Ø 40 mm telescopic front forks
Front wheel travel	130 mm
Rear suspension	Oscillating light alloy swingarm with 2 pre-load adjustable shock absorbers.
Rear wheel travel	118 mm
Brakes	Brembo
Front brake:	Floating 320 mm stainless steel disc 4 opposed calipers of differing diameters
Rear brake:	260 mm stainless steel disc
Brake pump cylinder diameter:	
Front pump	13 mm
Rear pump	13 mm
Caliper diameter	
Front caliper	30/34 mm
Rear caliper	32 mm
Brake surface area	Front 21.3 cm ² , rear. 16.1 cm ²
Brake pad material	Front Frenodo 222, rear Ferodo ID 450

WHEELS

Wheels	spoken steel rims
Front wheel	2.50" X 18"
Rear wheel	3.50"X17"
Tyres	
Front	Metzeler Lasertec 100/90- 18 56H TL
Rear	Metzeler Lasertec 130/80 -17 65H TL

DIMENSIONS

Length	2,185 mm
Width	800 mm
Height	1,115 mm
Saddle height	805 mm
Minimum ground clearance	182 mm
Steering angle.	32°
Dry weight	182 kg
On the road weight	198 kg
Type of tank	Plastic
Fuel tank capacity	17 litres
Reserve	2.5 litres