

2009 Moto Guzzi V7 Cafe Classic

MSRP: \$8990

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

Timing diagram

Intake valve opening 18° before TDC

Intake valve closure 50° after LDC.

Exhaust valve opening 53° before LDC

Exhaust valve closure 15° after TDC.

(with 1 mm of play between rocker gear and valves)

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 catalyzer 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

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 2
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 cm², rear. 16.1 cm²
Brake pad material Front Frenodo 222, rear Ferodo ID 450
Wheels spoken steel rims
Front wheel 2.50" X 18"
Rear wheel 3.50"X17"

TIRES

Front Metzeler Lasertec 100/90- 18 56H TL
Rear Metzeler Lasertec 130/80 -17 65H TL

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

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