



MOTO GUZZI V7 CAFÉ CLASSIC

ENGINE

Type	Four-stroke V 90 twin
Displacement	744cc
Bore and stroke	80 X 74 mm
Compression ratio	9.6:1
Timing system	2 valves per head operated by light alloy pushrods Intake valve opening 18° before TDC Intake valve closing 50° after LDC Exhaust valve opening 53° before lower LDC Exhaust valve closing 15° after upper TDC Measured with 1mm of play between rocker gear and valves
Maximum power	35.5kW (48.8CV) at 6,800 rpm
Maximum torque	54.7 Nm at 3,600 rpm
Fuel injection system / Ignition	Weber-Marelli electronic fuel injection
Exhaust system	Three-way catalyser with lambda probe

TRANSMISSION

Gears	5 speed
Internal 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 1.78kg
Primary drive	Helicoidal gears, ratio 16/21 = 1 : 1.3125
Secondary 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

FRAME

Frame	ALS steel tubular dismountable twin cradle
Wheelbase	1,449mm
Trail	109mm
Steering rake	27.50°
Front suspension	Marzocchi Ø40mm telescopic front forks.
Front wheel travel	130mm

Rear suspension	Oscillating light alloy swingarm with 2 pre-load adjustable shock absorbers.
Rear wheel travel	118mm
Front brake	Floating 320mm stainless steel disc 4 opposed calipers or differing diameters
Rear brake	260mm stainless steel disc

WHEELS

Wheels	Spoken steel rims
Front wheel	2.50" x 18"
Rear wheel	3.50" x 17"
Front tyre	100/90 - 18"
Rear tyre	130/80 - 17"

DIMENSIONS

Length	2,185 mm
Width (handlebars)	800 mm
Height (windshield)	1,115 mm
Seat height	805 mm
Minimum round clearance	182 mm
Dry weight	182 kg
Fuel tank capacity	17 litres
Reserve	2.5 litre