

**TECHNICAL DATA**

Engine	90° V-twin engine, 4-stroke, 4 valves, double ignition
Cooling	through air and oil and an independent cooling pump. Oil radiator with thermostat controlled fan.
Engine capacity	1380 cc
Bore and stroke	104 x 81,2 mm
Compression ratio	10,5 : 1
Timing system diagram	intake valve opens 19° BTDC. /closes 55° ABDC exhaust valve opens 49° BBDC /closes 12° ATDC
Maximum power	71 kW (95,2 HP) at 6500 min <sup>-1</sup>
Maximum torque	120 Nm at 2750 min <sup>-1</sup>
Fuel supply / Ignition	phased electronic Multipoint sequential injection, Magneti Marelli IAW7SM; "ride by wire" Ø 52 mm throttle body, IWP 243 Magneti Marelli injectors, double oxygen sensor, integrated management of 3 engine mappings, traction control, cruise control
Starter	Electric
Spark plugs	NGK LMAR8F, 2 per cylinder
Exhaust system	stainless steel, 2-in-2 type, three-way catalytic converter with double lambda probe
Homologación	Euro 3
Transmission	6 speeds with final overdrive
Gear ratio values	1 <sup>^</sup> [17/38 = 1 : 2,235] 2 <sup>^</sup> [20/34 = 1 : 1,700] 3 <sup>^</sup> [23/31 = 1 : 1,348] 4 <sup>^</sup> [26/29 = 1 : 1,115] 5 <sup>^</sup> [31/30 = 1 : 0,968] 6 <sup>^</sup> [30/24 = 1 : 0,8]
Primary drive	with helical teeth, ratio 26/35 = 1: 1,346)
Final drive	double cardan joint and fixed bevel gear seat, drive ratio 10/36 = 1: 3.6)
Clutch	single-disc with integrated anti-vibration buffer
Chassis	steel tubing, closed double cradle with elastickinematic engine mounting system to isolate vibrations.
Wheelbase	1685mm
Trail	155 mm
Headstock angle	32°
Steering angle	38°
Front suspension	standard swingarm, Ø 46 mm, with radial calliper mounting bracket and telescopes on the stanchions
Front wheel travel	120 mm
Rear suspension	swingarm with double shock absorber with adjustable spring preload.
Rear wheel travel	110 mm
Front brake	dual 320 mm stainless steel floating discs, Brembo radial callipers with 4 horizontally opposed pistons
Rear brake	282 mm stainless steel fixed disc, Brembo floating calliper with 2 parallel pistons
Wheels	Aluminium alloy
Front wheel rim	3,50" x 18"
Rear wheel rim	6,00" x 16"
Front tyre	130/70 R 18"
Rear tyre	200/60 R 16"
Length	2445 mm
Width	940 mm
Height	1180 mm
Saddle height	740 mm
Minimum ground clearance	165 mm
Kerb weight	318 Kg (fully equipped)
Kerb weight	303 Kg
Fuel tank capacity	20,5 litros
Reserve	5 litros