

Rocket III Classic Specification:

ENGINE:		
Type		Liquid-cooled, DOHC, in-line 3-cylinder
Capacity		2,294cc
Bore/Stroke		101.6 x 94.3mm
Compression Ratio		8.7: 1
Fuel System		Multipoint sequential electronic fuel injection twin butterflies, progressive linkage on primary butterflies
Exhaust		3 into 1 into 3. Tandem large-volume catalysts in centralised catbox. Stainless steel header and catbox, chrome-plated mild steel silencers
Ignition		Digital-inductive type via electronic engine management system twin spark plugs per cylinder
TRANSMISSION:		
Primary Drive		Gear 1.034:1 ratio, with backlash eliminator
Final Drive		Shaft
Clutch		Wet, multi-plate
Gearbox		5-speed
Throttle body diameter		52mm
Gear Ratios		1 st 2.929: 1 2 nd 1.947: 1 3 rd 1.435: 1 4 th 1.160: 1 5 th 0.964: 1 secondary ratio 1.043
Oil Capacity		5.9 litres (1.6 US gals) dry fill 5.4 litres (1.4 US gals) oil & filter change 5.1 litres (1.3 US gals) oil change only
CYCLE PARTS:		
Frame		Tubular steel, twin spine
Swingarm		Twin-sided, steel (houses drive shaft)
Wheels	Front	Cast aluminium alloy 5-spoke 17 x 3.5in
	Rear	Cast aluminium alloy 5-spoke 16 x 7.5in
Tyres	Front	150/80 R 17
	Rear	240/50 R 16
Suspension	Front	Kayaba 43mm upside down forks 120mm travel
	Rear	Kayaba chromed spring twin shocks with 5 position adjustable preload 105mm wheel travel
Brakes	Front	Twin 320mm floating discs, Nissin 4 piston fixed calipers
	Rear	Single 316mm fixed disc, Brembo 2 piston floating caliper
Instrument display/functions		Analogue speedometer featuring LCD odometer, trip information and analogue tachometer
DIMENSIONS:		
Length		2,500mm (98.4in)
Width (Handlebars)		970mm (38.2in)
Height		1,165mm (45.9in)
Seat Height		740mm (29.1in)
Wheelbase		1,695mm (66.7in)

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Rake/Trail		32°/152mm
Weight (Dry)		320kg (704lbs)
Fuel Tank Capacity		24 litres (5.3 gal)
PERFORMANCE:		
(MEASURED AT CRANKSHAFT TO DIN 70020)		
Maximum Power		142PS (140bhp/104kW) at 6,000rpm
Maximum Torque		200Nm (147ft.lbf) at 2,500rpm