

Item	English	Metric
<b>Dimension</b>		
Overall length	85.9 in	2,181 mm
Overall width	32.6 in	827 mm
Overall height	50.0 in	1,271 mm
Wheelbase	58.6 in	1,489 mm
Seat height	37.4 in	951 mm
Footpeg height	16.5 in	418 mm
Ground clearance	12.7 in	322 mm
<b>Frame</b>		
Type	Twin tube	
F. suspension	Telescopic fork travel 10.8 in (275 mm) stroke 12.2 in (310 mm)	
R. suspension	Pro-link travel 12.3 in (313 mm)	
Front tire	80/100 – 21 51M	
	DUNLOP	MX51FA
Rear tire	100/90 – 19 57M	
	DUNLOP	MX51
Tire type	bias-ply, tube	
Tire pressure, front (cold)	15 psi (100 kPa, 1.0 kgf/cm <sup>2</sup> )	
Tire pressure, rear (cold)	15 psi (100 kPa, 1.0 kgf/cm <sup>2</sup> )	
F. brake, swept area	Single disc brake 51.8 in <sup>2</sup> (334.5 cm <sup>2</sup> )	
R. brake, swept area	Single disc brake 60.6 in <sup>2</sup> (391.1 cm <sup>2</sup> )	
Fuel	unleaded gasoline, pump octane number of 91 or higher	
Fuel capacity	1.5 US gal	5.7 ℓ
Caster angle	27°23'	
Trail length	4.6 in	118 mm
Fork oil capacity (except fork damper)	12.3 US oz	363 cm <sup>3</sup>

Item	English	Metric
<b>Engine</b>		
Type	Liquid cooled, 4-stroke	
Cylinder arrangement	Single 5° inclined from vertical	
Bore and stroke	3.02 x 2.12 in	76.8 x 53.8 mm
Displacement	15.22 cu-in	249.4 cm <sup>3</sup>
Compression ratio	13.2 : 1	
Valve clearance (cold)	Intake: 0.005 ± 0.001 in (0.12 ± 0.03 mm) Exhaust: 0.011 ± 0.001 in (0.28 ± 0.03 mm)	
Engine oil capacity After draining	0.70 US qt	0.67 ℓ
After draining and oil filter change	0.73 US qt	0.69 ℓ
After disassembly	0.90 US qt	0.85 ℓ
Transmission oil capacity		
After draining	0.72 US qt	0.68 ℓ
After disassembly	0.79 US qt	0.75 ℓ
<b>Throttle body</b>		
Identification number	GQ28A	
Idle speed	2,000 ± 100 rpm	
<b>Cooling system</b>		
Cooling capacity after draining	1.09 US qt	1.03 ℓ
after disassembly	1.16 US qt	1.10 ℓ

Item	English	Metric
<b>Drive train</b>		
Clutch type	Wet, multi-plate type	
Transmission	5-speed, constant mesh	
Primary reduction	3.166	
Gear ratio I	2.357	
Gear ratio II	1.888	
Gear ratio III	1.555	
Gear ratio IV	1.333	
Gear ratio V	1.136	
Final reduction	3.769	
Gear shift pattern	Left foot-operated return system 1-N-2-3-4-5	
<b>Electrical</b>		
Ignition	ECM	
Starting system	Kickstarter	
Spark plug : Standard	NGK R0451B-8	
Spark plug gap	0.024 – 0.028 in (0.6 – 0.7 mm)	