

Item	Metric	English
Dimension		
Overall length	2,191 mm	86.3 in
Overall width	827 mm	32.6 in
Overall height	1,273 mm	50.1 in
Wheelbase	1,491 mm	58.7 in
Seat height	954 mm	37.6 in
Footpeg height	424 mm	16.7 in
Ground clearance	332 mm	13.1 in
Frame		
Type	Twin tube	
F. suspension	Telescopic fork, travel 273 mm (10.7 in) stroke 310 mm (12.2 in)	
R. suspension	Pro-link, travel 320 mm (12.6 in)	
Tyre size, front (ED Type)	80/100-21 M/C 51M MST	
	PIRELLI	
	SCORPION MX MIDSOF 32	
Tyre size, rear (ED Type)	110/90-19 62M NHS	
	PIRELLI	
	SCORPION MX MIDSOF 32	
Tyre size, front (U Type)	80/100-21 51M	
	DUNLOP	D742FA
Tyre size, rear (U Type)	120/80-19 63M	
	DUNLOP	D756
Tyre type	bias-ply, tube	
Tyre pressure, front (cold)	100 kPa (1.0 kgf/cm ² , 15 psi)	
Tyre pressure, rear (cold)	100 kPa (1.0 kgf/cm ² , 15 psi)	
F. brake, swept area	Single disc brake 334.5 cm ² (51.8 in ²)	
R. brake, swept area	Single disc brake 391.1 cm ² (60.6 in ²)	
Fuel	unleaded petrol, research octane number of 95 or higher	
Fuel tank capacity	5.7 ℓ	1.51 US gal, 1.25 Imp gal
Caster angle	26°53'	
Trail length	114.5 mm	4.51 in
Fork oil capacity (except fork damper)	355 cm ³	12.0 US oz 12.5 Imp oz

Item	Metric	English
Engine		
Type	Liquid cooled, 4-stroke	
Cylinder arrangement	Single 6°30' inclined from vertical	
Bore and stroke	96.0 x 62.1 mm	3.78 x 2.44 in
Displacement	449.7 cm ³	27.43 cu-in
Compression ratio	12.0 : 1	
Valve clearance (cold)	Intake: 0.16 ± 0.03 mm (0.006 ± 0.001 in) Exhaust: 0.28 ± 0.03 mm (0.011 ± 0.001 in)	
Engine oil capacity after draining	0.58 ℓ	0.61 US qt 0.51 Imp qt
Engine oil capacity after draining and oil filter change	0.62 ℓ	0.66 US qt 0.55 Imp qt
Engine oil capacity after disassembly	0.77 ℓ	0.81 US qt 0.68 Imp qt
Transmission oil capacity after draining	0.59 ℓ	0.62 US qt 0.52 Imp qt
Transmission oil capacity after disassembly	0.67 ℓ	0.71 US qt 0.59 Imp qt
Throttle body		
Identification number	GQ25A	
First idle speed	1,800 ± 100 min ⁻¹ (rpm)	
Cooling system		
Cooling capacity after draining	1.04 ℓ	1.10 US qt 0.92 Imp qt
Cooling capacity after disassembly	1.06 ℓ	1.12 US qt 0.93 Imp qt

Item	Metric	English
Drive train		
Clutch type	Wet, multi-plate type	
Transmission	5-speed, constant mesh	
Primary reduction	2.739	
Gear ratio I	1.800	
Gear ratio II	1.470	
Gear ratio III	1.235	
Gear ratio IV	1.050	
Gear ratio V	0.909	
Final reduction	3.692	
Gear shift pattern	Left foot-operated return system 1-N-2-3-4-5	
Electrical		
Ignition	ECM	
Starting system	Kickstarter	
Spark plug :	NGK	
Standard	SILMAR9A-9S	
For extended high speed riding	NGK SILMAR10A-9S	
Spark plug gap	0.8 – 0.9 mm (0.031 – 0.035 in)	