

# Specifications (CM, IICM Type)

Item	Metric	English
<b>Dimension</b>		
Overall length	2,170 mm	85.4 in
Overall width	827 mm	32.6 in
Overall height	1,277 mm	50.3 in
Wheelbase	1,477 mm	58.1 in
Seat height	965 mm	38.0 in
Footpeg height	446 mm	17.6 in
Ground clearance	362 mm	14.3 in
<b>Frame</b>		
Type	Twin tube	
F. suspension	Telescopic fork travel 279 mm (11.0 in) stroke 315 mm (12.4 in)	
R. suspension	Pro-link travel 313 mm (12.3 in)	
Front tyre	80/100 – 21 51M	
	DUNLOP	D742FA
Rear tyre	100/90 – 19 57M	
	DUNLOP	D756
Tyre type	bias-ply, tube	
Tyre pressure, front (cold)	100 kPa (1.0 kgf/cm <sup>2</sup> , 15 psi)	
Tyre pressure, rear (cold)	100 kPa (1.0 kgf/cm <sup>2</sup> , 15 psi)	
F. brake, swept area	Single disc brake 334.5 cm <sup>2</sup> (51.8 in <sup>2</sup> )	
R. brake, swept area	Single disc brake 391.1 cm <sup>2</sup> (60.6 in <sup>2</sup> )	
Fuel recommendation	unleaded petrol, research octane number of 95 or higher	
Fuel capacity	7.3 ℓ	1.9 US gal, 1.61 Imp gal
Caster angle	27° 50'	
Trail length	125 mm	4.9 in
Fork oil capacity (except fork damper per leg)	408 cm <sup>3</sup>	13.8 US oz, 14.4 Imp oz

Item	Metric	English
<b>Engine</b>		
Type	Liquid cooled, 4-stroke	
Cylinder arrangement	Single 10° inclined from vertical	
Bore and stroke	78.0 x 52.2 mm	3.07 x 2.06 in
Displacement	249.4 cm <sup>3</sup>	15.22 cu-in
Compression ratio	13.1 : 1	
Valve clearance (cold)	Intake: 0.12 ± 0.03 mm (0.005 ± 0.001 in) Exhaust: 0.28 ± 0.03 mm (0.011 ± 0.001 in)	
Engine oil capacity After draining	0.66 ℓ	0.70 US qt, 0.58 Imp qt
After draining and oil filter change	0.69 ℓ	0.73 US qt, 0.61 Imp qt
After disassembly	0.85 ℓ	0.90 US qt, 0.75 Imp qt
Transmission oil capacity After draining	0.60 ℓ	0.63 US qt, 0.53 Imp qt
After disassembly	0.70 ℓ	0.74 US qt, 0.62 Imp qt
<b>Carburetor</b>		
Type	Piston valve	
Identification number	FCR01E	
Main jet (standard)	# 188	
Jet needle (standard)	NMGU	
Needle clip position (standard)	3rd groove	
Slow jet (standard)	# 42	
Pilot screw opening	1 7/8 turns out	
Float level	6.0 mm	0.24 in
Idle speed	1,700 ± 100 min <sup>-1</sup> (rpm)	
<b>Cooling system</b>		
Cooling capacity after draining	0.93 ℓ	0.98 US qt, 0.82 Imp qt
after disassembly	1.00 ℓ	1.06 US qt, 0.88 Imp qt

Item	Metric	English
<b>Drive train</b>		
Clutch type	Wet, multi-plate type	
Transmission	5-speed, constant mesh	
Primary reduction	3.166	
Gear ratio I	2.142	
Gear ratio II	1.750	
Gear ratio III	1.450	
Gear ratio IV	1.227	
Gear ratio V	1.041	
Final reduction	3.923	
Gear shift pattern	Left foot-operated return system 1-N-2-3-4-5	
<b>Electrical</b>		
Ignition	ICM	
Starting system	Kickstarter	
Spark plug : Standard	NGK R0409B-8	
For extended high speed riding	NGK R0409B-9	
Spark plug gap	0.6 – 0.7 mm (0.024 – 0.028 in)	