

# Specifications (ED, DE, U Type)

Item	Metric	English
<b>Dimension</b>		
Overall length	2,189 mm	86.2 in
Overall width	825 mm	32.5 in
Overall height	1,262 mm	49.7 in
Wheelbase	1,489 mm	58.6 in
Seat height	955 mm	37.6 in
Footpeg height	446 mm	17.6 in
Ground clearance	339 mm	13.3 in
<b>Frame</b>		
Type	Twin tube	
F. suspension	Telescopic fork, travel 280 mm (11.0 in) stroke 315 mm (12.4 in)	
R. suspension	Pro-link, travel 320 mm (12.6 in)	
Tyre size, front (ED, DE Type)	80/100 – 21 M/C 51R MST	
	PIRELLI	MT32A
Tyre size, rear (ED, DE Type)	110/90 – 19 NHS	
	PIRELLI	MT32
Tyre size, front (U Type)	80/100 – 21 51M	
	DUNLOP	D742FA
Tyre size, rear (U Type)	110/90 – 19 62M	
	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 tank capacity	7.2 ℓ	1.90 US gal, 1.58 Imp gal
Caster angle	26°46'	
Trail length	111.4 mm	4.39 in
Fork oil capacity (except fork damper per leg) (ED, U Type)	406.5 cm <sup>3</sup>	13.75 US oz 14.31 Imp oz
Fork oil capacity (except fork damper per leg) (DE Type)	404 cm <sup>3</sup>	13.7 US oz 14.2 Imp oz

Item	Metric	English
<b>Engine</b>		
Type	Liquid cooled, 4-stroke	
Cylinder arrangement	Single 8° inclined from vertical	
Bore and stroke	96.0 x 62.1 mm	3.78 x 2.44 in
Displacement	449.4 cm <sup>3</sup>	27.41 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	0.66 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	0.59 ℓ	0.62 US qt 0.52 Imp qt
	0.67 ℓ	0.71 US qt 0.59 Imp qt
<b>Carburetor</b>		
Type	Piston valve	
Identification number	FCR09C	
Main jet (standard)	# 178	
Jet needle (standard)	NKAT	
Needle clip position (standard)	3rd groove	
Slow jet (standard)	# 42	
Pilot screw opening	1 1/4 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	1.03 ℓ	1.09 US qt 0.91 Imp qt
after disassembly	1.12 ℓ	1.18 US qt 0.99 Imp qt

Item	Metric	English
<b>Drive train</b>		
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	
<b>Electrical</b>		
Ignition	ICM	
Starting system	Kickstarter	
Spark plug : Standard	NGK	IFR8H11
	DENSO	VK24PRZ11
For extended high speed riding	NGK	IFR9H11
	DENSO	VK27PRZ11
Spark plug gap	1.0 – 1.1 mm (0.039 – 0.043 in)	