

Unit:mm (in)

Ignition System		Standard	Service Limit
Item			
Spark plug	Standard;NGK Standard:ND For cold climate/below (5 °C/41° F);NGK For cold climate/below (5 °C/41° F);ND For extended high speed riding;NGK For extended high speed riding;ND Spark plug gap	CR8EH-9 U24FER-9  CR9EH-9 U27FER-9 0.8-0.9 (0.031-0.035)	
Ignition timing "F" mark		BTDC 10 ° /1,300min <sup>-1</sup> (rpm)	
Advance start		2,200 ±200 min <sup>-1</sup> (rpm)	
stop		4,500 ±200 min <sup>-1</sup> (rpm)	
Full advance		BTDC 38 ° /13,000 min <sup>-1</sup> (rpm)	
Ignition cut-out revolution		8,800 ±200 min <sup>-1</sup> (rpm)	
Ignition coil type		MP 13	
Ignition coil resistance (at 20 °C/ 68° F)			
	;Primary	2.6 - 3.2 Ω	
	;Secondary with plug cap	15 - 21 kΩ	
	;Secondary without plug cap	11 - 15 kΩ	
Pulse generator resistance (at 20 °C/ 68° F)		310 - 390 Ω	
Starting System			
Starter driven gear O.D.		----	
Starter clutch outer I.D.		----	
Starter drive/reduction gear I.D.		----	
Starter drive/reduction gear shaft O.D.		----	
Starter motor brush length		12.5-13.0 (0.49-0.51)	6.5 (0.26)
Lights/Meters/Switches			
Main fuse		30 A	
Fuse		10 A×4	
Diode		Clutch switch, Side stand switch×2 Clutch switch, Side stand switch×2, Parking light	
Headlight (High/low beam)		12 V 60/55 W ×2, H4 Halogen bulb 12 V 35/35 W×2	
Headlight relay		High beam only High and Low beams	
Tail/brake light		12 V-23/8 W	
Position light bulb		12 V-3.4W	
Front turn signal light		12 V-15 W ×2	
Rear turn signal light		12 V-15 W ×2	
Instruments light		12 V 1.7 W×2	
	;Tachometer	12 V 3.4 W×1	
	;Speedometer	-----	
	;Speed warning light	12 V 3.4 W	
Oil pressure warning indicator		12 V 3.4 W	
Side stand warning indicator		12 V 3.4 W	
Fuel tank warning indicator		12 V 3.4 W×2	
High beam indicator		12 V 1.7 W	
Turn signal indicator		12 V 3.4 W	
Neutral indicator		12 V 3.4 W	
Fuel pump flow capacity per minute at 10 V		Minimum 750 cm <sup>3</sup> (25.4 U.S. oz, 26.5 Imp. oz)	
Thermo sensor resistance		130 -180 Ω	
	; (50 °C/ 122 ° F)	25 - 30 Ω	
	; (100°C/ 212 ° F)	98 °C/ 208 ° F -102 °C/ 216 ° F	
Fan motor switch function		93 °C/ 199 ° F - 97 °C/ 207 ° F	
(Suspend in 50 % mixture)		;OFF → ON ;ON → OFF	