

# Specifications

Engine Specifications	
displacement	85.8 cm <sup>3</sup> (5.23 cu-in)
bore & stroke	47 × 49.5 mm (1.85 × 1.95 in)
compression ratio	9.2 : 1
spark plug (standard)	CR7HSA (NGK) or U22FSR-U (DENSO)
spark plug (cold climate)	CR6HSA (NGK) or U20FSR-U (DENSO)
spark plug (high speed riding)	CR8HSA (NGK) or U24FSR-U (DENSO)
spark plug gap	0.60 – 0.70 mm (0.024 – 0.028 in)
valve clearance (cold)	intake: 0.05 mm (0.002 in) exhaust: 0.05 mm (0.002 in)
idle speed	1,600 ± 100 min <sup>-1</sup> (rpm)

Power Transmission		
primary reduction		4.058
final reduction		3.846
gear ratio	1st	2.833
	2nd	1.937
	3rd	1.300
	4th	0.958
final drive		chain DID 428V – 98LE or RK428 HOZ1 – 98LE