

# Specifications

<b>Engine Specifications</b>	
displacement	229 cm <sup>3</sup> (14.0 cu-in)
bore & stroke	68.5 × 62.2 mm (2.70 × 2.45 in)
compression ratio	9.2 : 1
spark plug (standard)	DPR8EA-9 (NGK) or X24EPR-U9 (DENSO)
spark plug (cold climate)	DPR7EA-9 (NGK) or X22EPR-U9 (DENSO)
spark plug (high speed riding)	DPR9EA-9 (NGK) or X27EPR-U9 (DENSO)
spark plug gap	0.80 – 0.90 mm (0.031 – 0.035 in)
valve clearance (cold)	intake: 0.13 mm (0.005 in) exhaust: 0.13 mm (0.005 in)
idle speed	1,400 ± 100 min <sup>-1</sup> (rpm)

<b>Power Transmission</b>		
primary reduction	3.087	
final reduction	3.692	
gear ratio	1st	3.231
	2nd	2.167
	3rd	1.667
	4th	1.280
	5th	1.042
	reverse	5.550
final drive	shaft	
Noise level (ISO 5131)	75.4 dB (A)	
Vibration on seat (EN 1032, ISO 5008)	Not exceed 0.5 m/s <sup>2</sup>	
Vibration on handlegrip (ISO 5349: 2001, EN 709)	7.7 m/s <sup>2</sup>	