



Rascal IXL-40 Specifications

	Rascal (IXL-40)
Engine	
Type	Two cycle air cooled pre mix fuel/oil
Displacement	41.5cc
Bore / Stroke	φ40.0 * 33.0mm
Compression	6.6 : 1
Power	2.2hp @ 7000rpm
Transmission	
Type	Single Speed Centrifugal Clutch
Chassis	
Overall Length	1160mm / 45.6"
Overall Width	650mm / 25.6"
Overall High	727mm / 28.6"
Wheel Base	728mm / 28.7"
Ground Clearance	76mm / 3"
Dry Weight	60kg / 132.3lb
Suspension	
Front	A-Arms Dual Shocks
Rear	Swing Arm / Single Shock
Brakes	
Front	N/A
Rear	Mechanical Drum
Tires	
Front	145/70-6
Rear	145/70-6
Tire Pressure front & rear	Front 2psi / 0.14kg/cm2 (Cold) Rear 2psi / 0.14kg/cm2 (Cold)
Wheel	
Bolt Pattern	N/A
Carburetor	
Make/Size	Mikuni 16mm (Manual Choke)
Main Jet	64mm
Pilot Jet	18mm
Air Mixture Adjustment	Back out ¾ - 1¼ turns Idle 2500rpm

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Sprockets		
Front		420x14t
Rear		420x36t
Chain		#420
Battery		
		N/A
Fluids		
Fuel	Type	Unleaded Gasoline 89 octane
	Volume	3.5 liters / 0.9 gal
Engine Oil	Type	High grade synthetic 2 cycle oil
	Volume	Pre Mix 50 : 1
Transmission	Type	SAE 80/90 weight
	Volume	70cc / 2.4oz
Spark Plug		
NGK		BPM6Y/NGK
Nipendenso		W22MP-U
Champion		CJ7Y (Not Recommended)
	Electrode Gap	0.6-0.7mm / 0.023"
Maximum Rider Weight		36.3kg / 80lbs
Minimum Rider Age		6 years