

JUNIORS: This is a standard class. Age 5 to 14 years.

The engine must comply with the original specifications of the manufacturer. The following changes are permitted:

1. Machine crankshaft to fit a bearing on big end.
2. Machine crankshaft end to fit a clutch.
3. Remove low oil sensor and governor.
4. No other machining allowed.

Engine capacity	166cc max.			
Valves	Original Honda / Hoffmann valves and rockers for this engine only. Original Honda / Hoffmann 34mm free length valve springs for this engine only.			
	Diameters	Head (mm)	Stem (mm)	
	Intake valve	25 max.	5,48 max	5,32 min
	Exhaust valve	24 max.	5,44 max	5,28 min
Piston and rings	Original Honda / Hoffmann pistons and rings for this engine only to a maximum of second oversize. No machining on piston allowed. Piston may not protrude above bore.			
Air cleaner	May be replaced. Standard plastic intake housing must be used. No machining on intake allowed. Secured in two locations.			
Carburettor	Original Honda / Hoffmann 160-carburettor for this engine only. Butterfly size = 18mm; No adjustable main jets allowed ; Original 7mm spacer block must be in position ; Gasket may be matched to carburettor intake.			
Cylinder head	Combustion chamber must have a capacity of not less than 12cc when plug is fitted. No porting or polishing of ports allowed.			
Head gasket	Original Honda / Hoffmann head gasket for this engine only. No handcrafted head gaskets allowed.			
Camshaft	Original Honda / Hoffmann camshaft for this engine only. Maximum cam height allowed : Intake = 28 mm, Exhaust = 28 mm. No re-profiling allowed.			
Mass of racing unit	100 kg min.			
No engineering tolerance will be allowed.				

Any changes not stipulated above are not permitted.