

New Product News



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Attn:	ZENOAH HOBBY CUSTOMER
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Subject:	Introduction of New Hobby Engine Models
Model:	G240RC and G270RC

1) Topic

We would like to introduce two new models of Zenoah Hobby Engines designed for radio control cars. The new engines are "G240RC" (22.5cc) and "G270RC" (25.4cc) and are now available for order. The new engines will contain the features as outlined below:

2) Introduction

[July, 2008](#)

G240RC



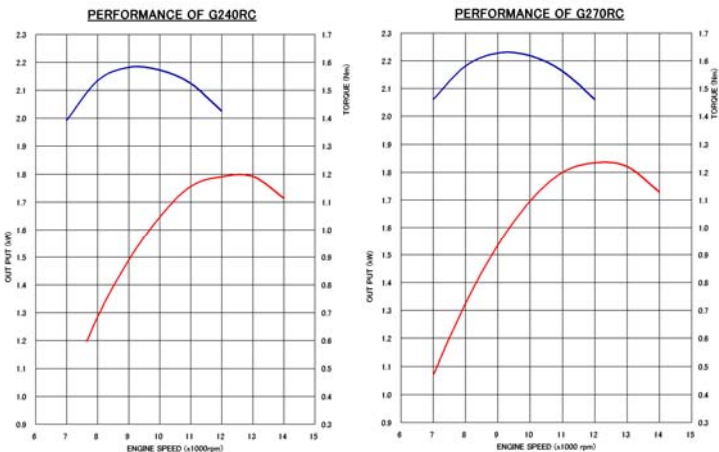
G270RC



- 1) Durable
- 2) Reliable
- 3) Increased Engine Performance

3, Engine performance curve and specifications

(* 1)



SPECIFICATIONS

Engine Type	G240RC	G270RC
Overall Size (L x W x H)	166 x 205 x 196 mm	
Weight	2.07kg	
Displacement	22.5cm ³	25.4cm ³
Clutch Engagement	6000rpm (STD Spring)	
Carburetor Type	WT-813A	
Spark Plug	NGK CMR7H	
Spark Plug Gap	0.65mm	
Rotating Direction	Counter-Clockwise (View From PTO)	

(*1) when using standard muffler, carburetor and air cleaner

4) Changes to Engine

1) DURABILITY ENHANCEMENT

a: Quantity of cylinder mounting bolts increased from 2 to 4



New cylinder design



New crankcase design

b: Improved Strength of Crankcase



Added a rib on the muffer side of crankcase



Reduced excess material of crankcase to reduce weight leaving support rib

c: Added additional bearing on the PTO side of crankshaft



Oil-sealed bearing

d: Redesigned shape of cylinder fins for improved heat dissipation



2, RELIABILITY IMPROVEMENT

a: Dimension of air intake port is 5% wider



b: New carburetor



Contains internal fuel pump which increases acceleration from idle to wide open throttle.

Removal of choke valve increases performance by increasing air flow to the carburetor

c: Changed material of the insulator gasket to metal, which improves sealing performance



d: Added flat washer and lock washer to cylinder bolts to help retain torque

