

New Product News



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| Attn: | ZENOAH HOBBY CUSTOMER |
| Issued on: | 13-May-08 |
| Ref No.: | CSG2008-003 |

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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



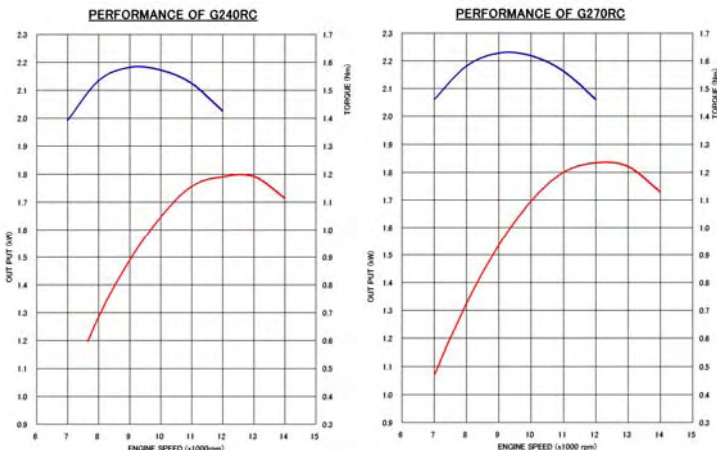
G270RC



- 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 muffler 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

