# MPI Hobby

815 OAKWOOD RD, UNIT D, LAKE ZURICH, IL 60047, USA Phone: (847)438-2233 Fax: (847)438-2898 Website: www.mpihobby.com

operation,

#### Introduction:

Congratulations on your purchase of the MPI ACC3813 Speed 180 Gearmotor! The lightweight, compact gear box is specially designed for small model applications.

## Key Features:

- Dual ball bearing,
- Light weight, compact design,
- ACC3813 features a 7.2V motor,

### Specifications:

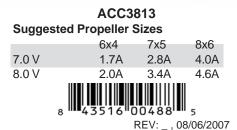
- Dimensions: Approx. 24 x 22 x 45mm, •
- Weight: 1.56 oz (44 g),
- Gear Ratio: 2.89:1,
- Ouput Shaft Dia.: 3mm,

#### Installation Instructions:

- 1. The gearmotor is assembled ready for use. Do not lubricate gears.
- 2. Secure the prop shaft adapter with the setscrew on the output shaft. The propeller is secured to the adapter with the nut included.
- 3. The unit mounts to a firewall 12.5mm mounting pattern on the front.
- 4. Take care to keep dirt away from the gearbox; dirt will shorten the life of the gears. Verify the tightness of all screws; use thread locker if necessary. Keep antenna wires and fingers away from the gearbox and propeller.







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Nylon main gear for quiet

Max. current : 5 amps,

Prop. Adapter Dia.: 5mm, 3/16",

Mounting Hole Spacing: 12.5mm,

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MPI Speed 180 Gearmotor



#### ACC3813 Suggested Propeller Sizes 6x4 7x5 8x6 7.0 V 1.7A 2.8A 4.0A 8.0 V 2.0A 3.4A 4.6A 6 00488 REV: , 08/06/2007



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