

# MPI Hobby

815 OAKWOOD RD, UNIT D, LAKE ZURICH, IL 60047, USA

Phone: (847)438-2233 Fax: (847)438-2898 Website: www.mpihobby.com



## MPI Speed 180 Gearmotor

### 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,
- Nylon main gear for quiet operation,

### Specifications:

- Dimensions: Approx. 24 x 22 x 45mm,
- Weight: 1.56 oz (44 g),
- Gear Ratio: 2.89:1,
- Output Shaft Dia.: 3mm,
- Prop. Adapter Dia.: 5mm, 3/16",
- Mounting Hole Spacing: 12.5mm,
- Max. current : 5 amps,

### 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.



### 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



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