

Speed 400 Motor replacement.

Well the supply chain is broken again as Covid strikes.

Our supplier Maxx Products is not able to get any stock for the Speed 400 motor MPI part number ACC341.

We have found another supplier and tested their motor in depth and determined that this is an equal performance motor for the original Graupner Speed 400 PN3321. These motors seem to be electrically identical to the original Graupner motors and in performance, weight, thrust and most mechanical attributes.

The supplier is Jameco Electronics and they stock over 2000 of these motors and the current cost is only about \$3 each in quantity less than 10 and \$2.71 each at the next quantity break.

Jameco charges a \$10 processing fee for orders less than \$20 so you might as well order 10 of them.

The two drawbacks to this motor is that it has a splined shaft that is easily filed flat so that it goes into the prop adapter collet and also the motor needs .01mfd. ceramic capacitors for noise suppression. There is some fellow who tested the motors using 2.4 ghz radios and didn't put and capacitors on the terminals but I can't make any guarantees on that not being an issue on some radios.

- Jameco lists the motor as
- **Jameco Part no.: 2310607**
- **Manufacturer: Mabuchi Motor Company**
- **Manufacturer p/n: RS-380SH-4535**
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Jameco also has the suppression capacitors

Ceramic Disc Capacitor 0.01uF 50 VDC -20/+80% 6mm Body Diameter

- **Jameo Part no.: 2301271**
- **Manufacturer: Arndt Electronics**
- **Manufacturer no.: DC.01/50**

Jameco Electronics

1355 Shoreway Rd.

Bellmont CA 94002

1-800 831 4242

Here's a motor I made up with the capacitors installed:



Regards,

Jay Burkart