

Message 39715 From: "mariss92705"
Date: Fri Feb 15, 2002 12:41 pm

Subject: Re: Driving unmarked steppers

Hi,

Here's what I use for "mystery motors":

size 23, 1 stack -- 5W
size 23, 2 stack -- 8W
size 23, 3 stack -- 10W

size 34, 1 stack -- 8W
size 34, 2 stack -- 12W
size 34, 3 stack -- 14W

This applies to 6-wire round motors. It does not apply to the new "square" motors, but being new, they probably are not mystery motors either.

When you measure the resistance, be sure to short the ohmmeter leads together first. Subtract the lead resistance reading from whatever you read for the winding resistance.

To improve accuracy a little more, measure the resistance of the end wires of the winding, subtract the lead resistance, then divide the result by 2 to get the center-tap to end-wire (unipolar) resistance of the motor.

Mariss