

## Windings Inc. W1140 Series DC Brush Motor With encoder and Digital Accelus Amplifier



### Features

- The moving coil motor has Low inertia, high torsional rigidity for highest rates of acceleration and deceleration. Designed for *no cogging* and minimal torque ripple.
- Low cost optical encoder option.
- Speeds up to 4,500 RPM
- Continuous torques 20 to 60 oz-in

**DC Brush motor with encoder and Copley Accelus amplifier**

**Motor**

Windings Inc. W1140-01-011E La 0.10 mH, Ra 0.76 ohms, Kt 9.10 oz-in/A, Ke 6.74 V/krpm, Tp 518 oz-in, Tc 60 oz-in, Jm 0.00054 oz-in-s<sup>2</sup>, Max speed 4,500 rpm, Encoder 1500 lines

**Amplifier**

Accelus Panel ASP-090-09 with 2pc PREM Magnetics SPB-304 150uH coils and PST-040-13-DP 40Vdc supply. Ip 9 A, Ic 3 A, {Auto tune: Cp 40, Ci 40}, {Manual tune: Vp 400 Vi 800}

