



**Design, Manufacturing & Distribution – Motion Control Equipment**  
10761 Ahern Avenue S. E. Watertown, MN. 55388  
Phone: 952-955-2626 Fax: 480-247-4096  
www.midwestmotion.com email: randy@midwestmotion.com

## **FOR IMMEDIATE RELEASE – NEW 24 VOLT DC MOTOR/TACHO**

**“Powerful, Lightweight, Unit provides benefits for Closed Loop Servo Applications, Industrial Robotics & Automation”**

### **13 August 2009 “Compact New 24 Volt DC Servo Motor Features Integral Analog Tachometer”**

Midwest Motion Products of Watertown, Minnesota, is pleased to announce the release of a new DC Servo Motor, with INTEGRAL Tachometer, the **Model No. MMP-D22-376F-24V T-07 SERVO MOTOR / TACHO**. Accepting 24 Volt DC (or greater) power source, this robust Servo Motor measures just 2.25” Max Diameter, by 5.4” long, and has a 0.25” diameter output shaft by 0.79” long. Easy mounting is accomplished with 4 “face mount” M5 threaded holes, equally spaced on a 40mm Dia. B.C. The output of this reversible Servomotor is rated for 35 IN OZ torque, at 2600 RPM, and 210 IN OZ Peak. Despite its compact size, and weight of approximately 2.6 pounds, it’s an efficient design, requiring just 3.4 Amps at 24 Volts DC to generate its Full Load Torque.

#### **STANDARD OPTIONS AVAILABLE FOR VOLUME APPLICATIONS:**

- 1.) CUSTOM OUTPUT SHAFT DIAMETERS AND LENGTHS
- 2.) CUSTOM MOUNTING FLANGES
- 3.) MOTOR WINDINGS FOR 36V, 48V, 60V AND 80VDC
- 4.) TACHOMETER VOLTAGE GRADIENTS OF 1.0, 3.0, 7.0 AND 14.0 V/Krpm
- 5.) INTEGRAL ENCODERS AND BRAKES
- 6.) PRECISION PLANETARY GEARING WITH STANDARD RATIOS FROM 3:1 TO 729:1
- 7.) FULLY COMPATIBLE **SERVO AMPLIFIERS** – 8 AMPS CONTINUOUS, 15 AMPS PEAK, ANALOG COMMAND

**Samples are available FROM STOCK, in limited quantities, for rapid prototyping needs. An up to date listing of Finished Products available from Stock can be found at <http://www.midwestmotion.com/inventory.pdf>**

The company offers a variety of standard ancillary equipment including DC power supplies, DC Servomotors, Closed Loop PWM Servo Amplifiers, Linear Actuators and a wide variety of DC gear-motors. Custom Motor Shaft and mounting configurations are also available. Typical applications include Factory Automation, Co-ordinate Measurement Equipment, Robotics & Automation including (Military) Unmanned Guided Vehicles, Semiconductor Processing Equipment, Actuators, Packaging & Labeling Machines, Woodworking & Metalworking Machines, Dynamic Displays for Tradeshows and many other applications requiring precise motion control.

For further details, please contact: Randy Cordes, Sales & Service

**Midwest Motion Products**

**10761 Ahern Avenue SE, Watertown, MN. 55388**

**Phone: 952-955-2626 Fax: 480-247-4096**

**Email: [engineering@midwestmotion.com](mailto:engineering@midwestmotion.com) url: [www.midwestmotion.com](http://www.midwestmotion.com)**



**SERVING OUR VALUED  
CUSTOMERS IN THE  
MOTION CONTROL  
INDUSTRY SINCE 1978**



**Providing Brushed and Brushless DC Servomotors, Servo Amplifiers, Precision Gearmotors, Optical Encoders, Linear Actuators, DC Power Supplies, and Sealed (IP-65) Motor Speed Controls.**