



## FOR IMMEDIATE RELEASE – NEW 24 VOLT, 2.0 RPM DC GEARMOTOR

**“Powerful, Lightweight, Unit provides benefits for Solar Tracking, Turntables, Robotics & Automation Applications”**

**25 Aug 2011: “IP-54” Sealed, Low Current, 24 Vdc Gearmotor Develops 443 Lb. In. Torque at 2.0 RPM**

Midwest Motion Products, Inc. of Watertown, Minnesota, is pleased to announce the release of a new DC Gear Motor, the Model No. **MMP-TM57-24V GP52-2076**. Accepting any 24 Volt DC source, including solar or battery power, this robust Gear Motor measures just 2.24” in Diameter, by 8.35” long, and has a keyed output shaft of 12mm diameter by 25mm 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 gearmotor is rated for 443 Lb. In. (50Nm) torque, at 2.0 RPM. Despite its compact size, and weight of approximately 4.5 **pounds**, it’s an **efficient design, requiring just 3.6 Amps at 24 Volts DC** to generate its Full Load Torque. That translates into long life battery charge, very low noise operation, and lower costs for related drive electronics. Motor windings for 12V, 28V, 36V, 42V, 48V, 60V & 90 Volts are available.

This unique design is rated at an “IP 54” protection level for operation in harsh environments. Variable Speed can be accomplished with our fully compatible Speed Controls, Model MMP 25A-24V, or MMP 20A-24V-RSP.

**Samples are available FROM STOCK for rapid prototyping needs.**

Typical options available from the company include Servo Motors with integral Optical Encoders, Failsafe Brakes, Analog Tachometers, and a variety of Planetary Gearheads, with standard ratios ranging from 3:1 to 2653:1, and standard or low backlash precision gearing available. Motor Winding Options include 12V, 28V 36V, 48V, 60V and 90 Volts DC.

The company offers a variety of standard ancillary equipment including DC power supplies, DC Servomotors, PWM Servo Amplifiers, Motor Speed Controls, Linear Actuators and a wide variety of DC gear-motors. Custom Motor Shaft and mounting configurations are also available. Typical applications include Solar Tracking, Battery Operated Motors & E.V. drives, Medical, Mobility / Accessibility products, 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.



MMP – A well established,  
fast growing provider of  
unique “COTS” Motion  
Control Equipment



### **MIDWEST MOTION PRODUCTS**

**Design, Manufacturing & Distribution — Motion Control Equipment**

10761 Ahern Avenue S. E. Watertown, MN. 55388

Phone: 952-955-2626 eFax: 480-247-4096

[www.midwestmotion.com](http://www.midwestmotion.com)

email: [sales@midwestmotion.com](mailto:sales@midwestmotion.com)