



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 12 VOLT DC GEARMOTOR

"Low Speed, High Torque Design provides benefits for battery powered Electric Vehicles, UGV's, Military Robotics"

19 July 2007 "New 24 Volt DC Gearmotor Develops 124 IN. LB. Torque at 37 RPM"

Midwest Motion Products of Watertown, Minnesota, is pleased to announce the release of a new DC Gear Motor, the Model No. MMP TM55-24V GP52-124. Accepting any 24 Volt DC source, including battery power, this robust Gear Motor measures just 2.14" in Diameter, by 7.7" 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 124 IN LBS continuous torque, at 37 RPM, and 444 IN LBS Peak. Despite its compact size, and weight of less than 4 pounds, it's an efficient design, requiring just 3.5 Amps at 24 Volts DC to generate its Full Load Torque. That translates into long life battery charge, quiet operation, and lower cost drive electronics. **Motor windings for 12, 36, 48, 60 & 90 Volt Inputs are also available.**

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

Samples are available FROM STOCK 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>

Typical options available from the company include Servo Motors with integral Optical Encoders, Failsafe Brakes, Analog Tachometers, and Planetary Gearheads, with standard ratios ranging from 3:1 to 2653:1 Standard or low backlash precision gearing available. Motor Winding Options include 12V, 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 Battery Operated Motors & E.V. drives, Medical, Mobility / Accessibility products, Robotics & Automation including (Military) Unmanned Guided Vehicles, Semiconductor Processing Equipment, Actuators, Packaging & Labeling Machines, Metalworking Machines, and many other applications requiring precise motion control.

Each respondent is eligible to receive a free copy of the MMP "e-Catalog" on CD-ROM.

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

10761 Ahern Avenue SE, Watertown, MN. 55388

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

randy@midwestmotion.com

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.