



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

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## ***FOR IMMEDIATE RELEASE – NEW 24 VOLT DC GEARMOTOR***

### **October 19, 2005 “New 24 Volt DC Gearmotor Develops 180 IN. LB. Torque at 100 RPM”**

Midwest Motion Products of Watertown, Minnesota, is pleased to announce the release of a new DC Gear Motor, the Model No. MMP-S28-150C-24V GP81-035. Accepting any 24 Volt DC source, including battery power, this robust Gear Motor measures just 3.2” (Max) in Diameter, by 8.5” long, and has a keyed output shaft of 19mm diameter by 40 mm long. Easy mounting is accomplished with 4 “face mount” M6 threaded holes, equally spaced on a 65mm Diameter B.C.

The output of the gearmotor is rated for 20 Nm continuous torque, at 100 RPM, and 90.0 Nm Peak. Despite it’s compact size and weight, the Motor is an efficient design, requiring just 13.4 Ampere at 24 Volts DC to generate its Full Load Output Torque. Optional 12, 36, & 48 Volt windings are available. This unique design is rated at an “IP 54” protection level for operation in harsh environments. Samples are available FROM STOCK for rapid prototyping needs. A rear shaft extension to accommodate an encoder is offered Standard on this product.

Typical options available with this Servo Motor include integral Optical Encoders, Failsafe Brakes, Analog Tachometers, and Planetary Gear heads, with standard ratios ranging from 3:1 to 450:1, with standard or low backlash precision gearing available.

The company offers a variety of standard ancillary equipment including multi-axis drive and control configurations, DC power supplies, DC servomotors and 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 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 our “e-Catalog” on CD-ROM.

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***Providing Brushed and Brushless DC Servomotors, Servo Amplifiers, Precision Gearmotors,  
Optical Encoders, Linear Actuators, Multiaxis Motion Control Boards, and Systems design..***