



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 GEARMOTOR / BRAKE / ENCODER

“Low Speed, High Torque Unit provides benefits for Door Actuation, Electric Vehicles, Robotics & Automation Applications”

06 Feb. 2008 “New 24 Volt DC Gearmotor: 50 IN. LB. Torque at 89 RPM, with integral Brake + Encoder”

Midwest Motion Products of Watertown, Minnesota, is pleased to announce the release of a new DC Gear Motor, the Model No. MMP C21-125E-24V GPK52-046LS BR-005n EU-250i.. Accepting any 24 Volt DC source, including battery power, this robust Gear Motor measures just 2.14” in Diameter, by 9.35” long, and has a keyed output shaft of 0.500” diameter by 1.5” long. Mounting is simple, with 4 “face mount” M5 threaded holes, equally spaced on a 40mm Dia. B.C.

The output of this reversible gearmotor is rated for 50 IN LBS continuous torque, at 90 RPM, and 89 IN LBS Peak. Complete with an Integral “Power ON” Brake, which engages only In the presence of 24V Power, the total weight is approximately 3.5 pounds, including the 250 PPR Dual Channel Encoder, with Index. It’s an efficient design, requiring just 3.6 Amp at 24 Volts DC to generate its Full Load Torque. That translates into long life battery charge, very quiet operation, and lower cost drive electronics. Standard Encoder resolutions include 32 PPR, 100 PPR, 500 PPR and 1024 PPR.

This unique design is rated at an “IP-54” Ingress 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, Analog Tachometers, and Low Backlash Planetary Gear heads, with standard ratios ranging from 3:1 to 2653:1, Motor Winding Options include 12V 24V, 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 Commercial & Residential Door and Window actuation, Moving Signage, 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

Midwest Motion Products

10761 Ahern Avenue SE, Watertown, MN. 55388

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

Email: randy@midwestmotion.com url: 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.