

# Gear Motor Application Form



## Customer Information

Date: \_\_\_\_\_

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_

Telephone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
E-mail: \_\_\_\_\_

## SPECIFICATION

Type of Vehicle: \_\_\_\_\_

Project Name: \_\_\_\_\_

Battery Voltage: \_\_\_\_\_

EAU: \_\_\_\_\_

## Motor Type (Please check one):

### D.C.

DC Series Wound   
DC Separately Excited (Sepex)   
DC Compound Wound   
DC Shunt Wound   
DC Permanent Magnet

### A.C.

AC 3-Phase Asynchronous   
A.C. Permanent Magnet (PMAC)

## Requirements:

Power \_\_\_\_\_ hp / Kw at \_\_\_\_\_ RPM

Torque \_\_\_\_\_ Nm / Lb-ft at \_\_\_\_\_ RPM

Ambient Temperature \_\_\_\_\_ °F

Encoder  Yes\*  No If "Yes", Type? \_\_\_\_\_ PPR \_\_\_\_\_

Temp. Sensor:  Yes\*  No If "Yes", Type? \_\_\_\_\_

Brake  EM  Voltage  Torque

## Maximum Motor Dimensions:

Length L1: \_\_\_\_\_ mm

Length L2: \_\_\_\_\_ mm

Length L3: \_\_\_\_\_ mm

Diameter D: \_\_\_\_\_ mm

Gearbox  Worm  Coaxial  Planetary Other: \_\_\_\_\_

Output Shaft  Male  Female  Hollow

Lubrication  Oil  Grease

Differential / Gearbox Ratio \_\_\_\_\_ : 1

# Gear Motor Application Form



## Characteristics

Maximum Radial Load \_\_\_\_\_ N

Maximum Axial Load \_\_\_\_\_ N

Weight      Loaded      \_\_\_\_\_ Lbs / Kgs

                                 Unloaded      \_\_\_\_\_ Lbs / Kgs

Velocity      Loaded      \_\_\_\_\_ MPH / KPH

                                 Unloaded      \_\_\_\_\_ MPH / KPH

Required Gradient      Loaded      \_\_\_\_\_ %

                                 Unloaded      \_\_\_\_\_ %

Wheel Diameter      \_\_\_\_\_ in / mm

Required Enclosure      IP      \_\_\_\_\_

## Duty Cycle *\*Required for submission*

Running Time      \_\_\_\_\_ min

Stop Time      \_\_\_\_\_ min

Repeatability      \_\_\_\_\_ Times per Day

## Noise

Noise Standards Required?       Yes       No

If so, which standards should be referenced? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Further Info: