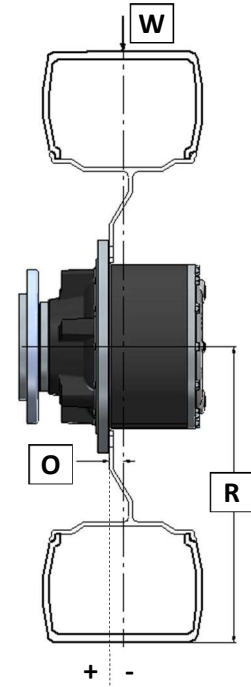


**Company Name:** \_\_\_\_\_  
**Contact:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_  
**Email:** \_\_\_\_\_

**Machine Data**

Vehicle Type \_\_\_\_\_  
 Power Wheel Function \_\_\_\_\_  
 New Machine Design       Existing Machine Design  
 Current Drive \_\_\_\_\_  
 Engine Power Available to Drives \_\_\_\_\_ HP  
 Gross Vehicle Weight (lbs) \_\_\_\_\_ Loaded \_\_\_\_\_ Empty  
 % Gradeability Required \_\_\_\_\_ Max \_\_\_\_\_ Normal  
 Vehicle Speed (mph) \_\_\_\_\_ Max \_\_\_\_\_ Working  
 No. of Driven Wheels \_\_\_\_\_  
 Total No. of Wheels \_\_\_\_\_  
 Loaded Rolling Radius (in) [R] \_\_\_\_\_ Front \_\_\_\_\_ Rear  
 Max Radial Load on Driven Wheel (lbs) [W] \_\_\_\_\_  
 Added Draw Bar Pull, ie. trailer, blade, etc. (lbs) \_\_\_\_\_  
 Wheel Centerline/Rim Offset (in) [O] \_\_\_\_\_



**Electric Data**

System Type:     AC                       DC  
 Battery Voltage (V) \_\_\_\_\_  
 Controller Amperage Available (A) \_\_\_\_\_  
 Electric Motor No. & MFG \_\_\_\_\_  
 Encoder Type (Absolute or Incremental) \_\_\_\_\_

**Motor Ratings**

Power (HP) \_\_\_\_\_ Max \_\_\_\_\_ Continuous  
 Torque (in-lbs) \_\_\_\_\_ Max \_\_\_\_\_ Continuous  
 Speed (rpm) \_\_\_\_\_ Max \_\_\_\_\_ Continuous  
 IP Rating \_\_\_\_\_  
 Efficiency Requirement \_\_\_\_\_

**Features**

- Disengage
- Wheel Studs
- Paint
- Boot Seal
- Park Brake
- Heavy Duty Seal

**Brakes**

Park Brake Torque Req. (in-lbs) \_\_\_\_\_  
 Park Brake Voltage (V) \_\_\_\_\_  
 Manual Release     Yes     No

**Miscellaneous**

EAU \_\_\_\_\_  
 Price Range \_\_\_\_\_  
 Length available for motor + gearbox (in) \_\_\_\_\_

**Performance Requirements**

Max Output Torque Required per Drive (in-lbs) \_\_\_\_\_  
 Annual Gearbox Usage (hrs) \_\_\_\_\_  
 Desired Gearbox Life (hrs or yrs) \_\_\_\_\_

Condition	Output Torque (in-lbs)	Output Speed (rpm)	Radial Load (lbs)	% Time
1				
2				
3				
4				

**Notes:**